



# Signature

## SmartConnect Integration Manager Guide

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# Introduction

Signature SmartConnect Integration Manager aids you in creating and updating records in Signature by importing data from different sources. Using SmartConnect, Integration Manager allows you to build maps from existing sources of data, for example, Excel, CRM, XML, or any other ODBC connection, to Signature's import procedures. Signature data can then be imported into Microsoft Dynamics GP.

This is useful during both the initial implementation of Signature as well as any ongoing interfacing with other systems.

SmartConnect uses eConnect to integrate Microsoft Dynamics GP with other data sources; both products come with a standard set of GP nodes, node types, and node groups that are used to break down the integration into areas.

For example, the General Ledger node group contains many node types, for importing Accounts, Transactions, etc. Each node type is a functional group of nodes that are used to create, update, or delete GP transactions and records.

Depending on the data you need to import, for each group of related nodes, you can create a SmartConnect map that matches the source data to the destination. This map allows you to import data into GP.

In addition to the standard GP nodes, you can now import Signature data with nodes created by Signature Integration Manager.

- [Installing Integration Manager \(page 1\)](#)
- [Signature Nodes Reference \(page 3\)](#)
- [Signature Integration Technical Reference \(page 3\)](#)

# Installing Integration Manager

Refer to the SmartConnect manual for system requirements and instructions for installing and setting up SmartConnect 2018.

- [Prerequisites \(page 1\)](#)
- [Installation \(page 2\)](#)
  - [Enable registration keys \(page 2\)](#)
  - [Install Integration Manager \(page 2\)](#)
  - [Set Up Read Access in SQL Server Manager for eConnect User \(page 2\)](#)
    - [Determining the User Name \(page 2\)](#)
    - [Granting Read Access \(page 3\)](#)

# Prerequisites

To find a complete list of system requirements across all the Signature modules, please refer to the Signature System Requirements document found on the Product Download page on Signature Resources at <https://www.wennsoft.com/wsportal/product-downloads>.

# Installation

## Enable registration keys

Integration Manager must be registered before it can be installed. Complete the following steps to validate the registration key that includes Integration Manager.

1. Choose Start > All Programs > Signature Product Registration > Registration Key Setup.
2. In the Registration Key Entry window, enter the **User ID** and **Password** for the "sa" user.
3. Select the **SQL Server Instance** where Signature products are installed.
4. Enter a **Runtime Password** for the registration user.
5. Enter the **Server Name** and select the **Virtual Directory** where the WSRegistration web service is located.
6. Locate and select the .TXT file that contains your registration key information.
7. Choose *Register*.
8. You will receive a message when the registration key is successfully validated. Choose *OK*.

## Install Integration Manager

1. Launch the file *Signature.SmartConnect.IntegrationManager xxxxx.exe*.
2. Complete the following fields on the installation window:
  - **Username**  
Enter your Microsoft Dynamics GP user name, or leave this field blank to use your Windows credentials.
  - **Password**  
If you entered a user name, enter your password.
  - **SQL Server**  
Enter the SQL Server name and instance where Signature is installed:  
<server name>\<server instance>
  - **System Database**  
Enter the name of the system database where Signature is installed.
  - **Web Server**  
Enter the location where the Signature Registration Web service is installed. You must have Integration Manager registered before it can be installed.
3. Choose *Install*. When the installation is complete, you receive a message telling you that Integration Manager was successfully installed.
4. Choose *OK*, and close the installer window.

## Set Up Read Access in SQL Server Manager for eConnect User

To view more precise error messages that you may receive, the user that was set up to run the integrations needs to have Read Access to the SmartConnect database.

## Determining the User Name

To find the user name:

1. On the workstation where eConnect is installed, open **Windows Administrative Tools**.
2. Double-click **Services**.
3. Double-click **eConnect for Microsoft Dynamics GP xxxx Integration Service**. (xxxx is the GP year.)
4. Select the **Log On** tab.

5. The user listed in this window needs to have Read Access to the SmartConnect database.

## Granting Read Access

1. Open **SQL Server Management Studio**.
2. Verify that the user exists under *Security > Login*. If the user does not exist, you will have to add the user with permissions to the SmartConnect database.
3. If the user does exist, right-click on the user and select **Properties**.
4. Under **Select a page**, select **User Mapping**.
5. Under **Users mapped to this login**, select **SmartConnect** to give access to the database.
6. Under **Database role membership**, mark at least **db\_datareader**.
7. Select **OK** to save your changes.

## Signature Nodes Reference

The following nodes are created for importing Signature data when Integration Manager is installed.

### Signature Service Management

- SMS Equipment
- SMS Contracts
- SMS Contract Tasks
- SMS Contract Equipment
- SMS Technician
- SMS Customers
- SMS Locations
- SMS Vehicles
- SMS Job Cost Work Transactions
- SMS Service Calls
- SMS Task Codes
- SMS Contract Quotes
- SMS Service Appointments
- SMS Quotes
- SMS Quote Tasks

### Signature Job Cost

- JC Jobs
- JC Job Details
- JC Billing Codes
- JC Forecast Revisions
- JC Change Orders
- JC Change Order Details
- JC Vendors
- JC Cost Codes
- JC Job Estimates
- JC Invoice Schedules
- JC Invoice Open Transactions
- JC Cash Receipts

### Signature Equipment Management

- EMS Equipment
- EMS Rental Agreement Header
- EMS Rental Agreement Line
- EMS Rental Agreement Line Distributions
- EMS Rental Agreement Line Rates
- EMS Register OP Log Master
- EMS Preventative Maintenance

### Signature Shared

- WS Transactions Header
- WS Transaction Line
- WS Purchase Orders
- WS PM Transactions

## Signature Integration Technical Reference

Stored procedures are now provided to enhance the Signature Utilities imports. This will enable integration developers to create a data migration solution that is quicker and easier to use.

For each table, there is a PRE- and POST- script, which are non-encrypted procedures that allow consumers of the main procedure to validate both incoming and outgoing data from the main procedure. These scripts are essentially "empty boxes" that pass the parameters through and from the main script and the consumer of these import procedures can modify these and apply their own custom logic.

Refer to each section below to review information such as the SQL table that it represents, element definitions, and error codes.

## k2aJobAppointmentNote

**Table Name:** JC000805

**Description:** This procedure allows the insert or update of records into the Job Appointment Note MSTR table.

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWS_Job_Number      | varchar   | 17     | Yes      |         |             |
| @I_vAppointment        | varchar   | 25     | Yes      |         |             |
| @I_vTechnician         | varchar   | 11     | Yes      |         |             |
| @I_vNote_Service_Index | varchar   | 25     | Yes      |         |             |
| @I_vWS_Note_Type       | varchar   | 1      | Yes      |         |             |
| @I_vNote_Author        | varchar   | 21     | No       | null    |             |
| @I_vReminder           | tinyint   | 1      | No       | null    |             |
| @I_vReminder_Date      | datetime  | 8      | No       | null    |             |
| @I_vPrintable_Group    | smallint  | 2      | No       | null    |             |
| @I_vCREATDDT           | datetime  | 8      | No       | null    |             |
| @I_vCreated_Time       | datetime  | 8      | No       | null    |             |
| @I_vCRUSRID            | varchar   | 15     | No       | null    |             |
| @I_vMODIFDT            | datetime  | 8      | No       | null    |             |

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vModified_Time  | datetime  | 8      | No       | null    |             |
| @I_vMDFUSRID       | varchar   | 15     | No       | null    |             |
| @I_vRecord_Notes   | varchar   | 8000   | No       | null    |             |
| @I_vUSRDEFND1      | varchar   | 50     | No       | null    |             |
| @I_vUSRDEFND2      | varchar   | 50     | No       | null    |             |
| @I_vUSRDEFND3      | varchar   | 50     | No       | null    |             |
| @I_vUSRDEFND4      | varchar   | 8000   | No       | null    |             |
| @I_vUSRDEFND5      | varchar   | 8000   | No       | null    |             |
| @I_vUpdateIfExists | tinyint   | 1      | No       | 0       |             |
| @I_vSkipIfExists   | tinyint   | 1      | No       | 0       |             |
| @O_iErrorState     | int       | 4      | No       | 0       |             |
| @oErrString        | varchar   | 255    | No       | empty   |             |

## k2aMobileContactWork

**Table Name:** WS20004

**Description:** This procedure allows the insert or update of records into the Mobile Contacts WORK table.

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vCUSTNMBR        | varchar   | 15     | Yes      |         |             |
| @I_vADRSCODE        | varchar   | 15     | Yes      |         |             |
| @I_vWS_Contact_Name | varchar   | 41     | Yes      |         |             |

| Element Name          | Data Type | Length | Required | Default | Description                                    |
|-----------------------|-----------|--------|----------|---------|------------------------------------------------|
| @I_vE_Mail_Address    | varchar   | 255    | Yes      |         |                                                |
| @I_vPHONE1            | varchar   | 21     | Yes      |         |                                                |
| @I_vContact_ID        | varchar   | 15     | No       | 0       | The value of 0 really means new contact        |
| @I_vPhone_ID          | varchar   | 15     | No       | 0       | The value of 0 really means new contact phone. |
| @I_vContact_Role_Type | varchar   | 11     | No       | null    |                                                |
| @I_vPhone_Type        | varchar   | 13     | No       | null    |                                                |
| @I_vMODIFDT           | datetime  | 8      | No       | null    |                                                |
| @I_vModified_Time     | datetime  | 8      | No       | null    |                                                |
| @I_vMDFUSRID          | varchar   | 15     | No       | null    |                                                |
| @I_vCREATDDT          | datetime  | 8      | No       | null    |                                                |
| @I_vCreated_Time      | datetime  | 8      | No       | null    |                                                |
| @I_vCRUSRID           | varchar   | 15     | No       | null    |                                                |
| @I_vMKTOPROC          | tinyint   | 1      | No       | null    |                                                |
| @I_vERMSGTXT          | varchar   | 255    | No       | null    |                                                |
| @I_vUSRDEFND1         | varchar   | 50     | No       | null    |                                                |
| @I_vUSRDEFND2         | varchar   | 50     | No       | null    |                                                |
| @I_vUSRDEFND3         | varchar   | 50     | No       | null    |                                                |
| @I_vUSRDEFND4         | varchar   | 8000   | No       | null    |                                                |



| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND5      | varchar   | 8000   | No       | null    |             |
| @I_vUpdateIfExists | tinyint   | 1      | No       | 0       |             |
| @I_vSkipIfExists   | tinyint   | 1      | No       | 0       |             |
| @O_iErrorState     | int       | 4      | No       | 0       |             |
| @oErrString        | varchar   | 255    | No       | empty   |             |

## SMS\_Build\_Customer\_Quicksearch

- [Table Name: SV00054 \(page 7\)](#)
- [Error Codes \(page 9\)](#)

### Table Name: SV00054

**Other tables affected:** None

**Other stored procedures called:** None

**Description:**

This procedure allows the insert/update of records into the Service Customer Quicksearch.

| Element Name          | Data Type | Length | Required | Default | Description                                                                                                                                 |
|-----------------------|-----------|--------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vCustomerNumber    | char      | 15     | Yes      |         | Validated in SV00100 and RM00101, convert to upper case                                                                                     |
| @I_vAddressCode       | char      | 15     | Yes      |         |                                                                                                                                             |
| @I_vWennsoftAffiliate | char      | 15     | Yes      |         | Existing Affiliate in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates |
| @I_vWennsoftRegion    | char      | 15     | Yes      |         | Existing Region in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates    |

| Element Name       | Data Type | Length | Required | Default            | Description                                                                                                                                            |
|--------------------|-----------|--------|----------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| @l_vWennsoftBranch | char      | 15     | Yes      |                    | Existing Branch in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates               |
| @l_vCustomerName   | char      | 65     | No       |                    |                                                                                                                                                        |
| @l_vLocationName   | char      | 31     | No       |                    |                                                                                                                                                        |
| @l_vAddress1       | char      | 61     | No       |                    |                                                                                                                                                        |
| @l_vPhone1         | char      | 21     | No       | 000000000000000000 | Defaults to zero.Is right padded to fill with zerosNot formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619) Length can't be greater than 14 |
| @l_vPhone2         | char      | 21     | No       | 000000000000000000 | Defaults to zero.Is right padded to fill with zerosNot formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619) Length can't be greater than 14 |
| @l_vFax            | char      | 21     | No       | 000000000000000000 | Defaults to zero.Is right padded to fill with zerosNot formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619) Length can't be greater than 14 |
| @l_vZip            | char      | 11     | No       |                    |                                                                                                                                                        |
| @l_vUserDefine1a   | char      | 31     | No       |                    |                                                                                                                                                        |
| @l_vTimeZone       | char      | 3      | No       |                    |                                                                                                                                                        |
| @l_vWSPPrimary     | tinyint   | 3      | No       |                    | With Customer and Primary Bill Address Code check to see if Primary and if it is then set to 1                                                         |

| Element Name           | Data Type | Length | Required | Default | Description                                                            |
|------------------------|-----------|--------|----------|---------|------------------------------------------------------------------------|
| @I_vGlobalCustomer     | tinyint   | 3      | No       |         |                                                                        |
| @I_vCity               | char      | 35     | No       |         |                                                                        |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 1       | Defaults to 1. It can only be 0 for don't update or 1 update if exists |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       | Defaults to false.                                                     |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       | Defaults to false                                                      |
| @I_vUSRDEFND1          | char      | 50     | No       |         |                                                                        |
| @I_vUSRDEFND2          | char      | 50     | No       |         |                                                                        |
| @I_vUSRDEFND3          | char      | 50     | No       |         |                                                                        |
| @I_vUSRDEFND4          | varchar   | 8000   | No       |         |                                                                        |
| @I_vUSRDEFND5          | varchar   | 8000   | No       |         |                                                                        |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       | Defaults to false                                                      |
| @O_iErrorState         | int       | 10     | No       | 0       |                                                                        |
| @oErrString            | varchar   | 255    | No       |         |                                                                        |

## Error Codes

| Error Code | Description                               |
|------------|-------------------------------------------|
| 51102      | The customer is empty                     |
| 51000      | Customer Number does not exist in Service |

| Error Code | Description                                                    |
|------------|----------------------------------------------------------------|
| 51001      | Customer Number does not exist in Microsoft Business Solutions |
| 52189      | Address Code field is empty                                    |
| 52177      | affiliate, region and branch are not valid                     |
| 52190      | Location Name field is empty                                   |
| 52191      | Phone 1 field contains an invalid value (length > 14).         |
| 52192      | Phone 2 field contains an invalid value (length > 14).         |
| 52192      | Fax field contains an invalid value (length > 14).             |

## wsiCreateJobMasterCostCode

- [Table Name: JC40202 \(page 10\)](#)
- [Error Codes \(page 16\)](#)

### Table Name: JC40202

**Other tables affected:** <none>

**Other stored procedures called:** wsiCreateJobMasterCostCodePre, wsiCreateJobMasterCostCodePost

**Description:**

This procedure allows the insert or update of records into the Job Master Cost Code table.

| Element Name              | Data Type | Length | Required | Default | Description                                                                         |
|---------------------------|-----------|--------|----------|---------|-------------------------------------------------------------------------------------|
| @I_vWSCostCode<br>Number1 | char      | 7      | Yes      | '       | I_vWSCostCodeNumber1 length is equal to the value in JC40103.Cost_Code_Seg_Length_1 |
| @I_vWSCostCode<br>Number2 | char      | 7      | Yes      | '       | I_vWSCostCodeNumber2 length is equal to the value in JC40103.Cost_Code_Seg_Length_2 |
| @I_vWSCostCode<br>Number3 | char      | 7      | Yes      | '       | I_vWSCostCodeNumber3 length is equal to the value in JC40103.Cost_Code_Seg_Length_3 |

| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSCostCodeNumber4   | char      | 7      | Yes      | '       | I_vWSCostCodeNumber4 length is equal to the value in JC40103.Cost_Code_Seg_Length_4                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vCostCodeAliases     | char      | 27     | No       | '       | This value must be empty. The stored procedure will construct the Cost Code Alias based on Cost Code Numbers and Cost Element.                                                                                                                                                                                                                                                                                                                                                   |
| @I_vCostCodeDescription | char      | 31     | No       | '       | Cannot be blank                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| @I_vAccountIndex        | int       | 10     | No       | 0       | I_vAccountIndex exists in GL00100 and is not a unit account.<br>I_vAccountIndex must be zero when using option "Cost Code Debit Posting Accounts by Division" since the Account Index will default in when the cost code is added to a job.<br>I_vAccountIndex must not be zero when using "Cost Code Debit Posting Account by Cost Codes", unless the Cost Code exists already in which case I_vAccountIndex will default in.<br>I_vAccountIndex must be for an active account. |
| @I_vNextSubdivisionType | smallint  | 5      | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| @I_vProfitTypeNumber    | smallint  | 5      | No       | 0       | A) I_vProfitTypeNumber exists in JC40208 B) if I_vProfitTypeNumber is 9, then I_vCostElement must be 1                                                                                                                                                                                                                                                                                                                                                                           |
| @I_vProfitAmount        | numeric   | 19,5   | No       | 0       | A) If I_vProfitTypeNumber = 3, then I_vProfitAmount cannot equal 100 B) If I_vProfitTypeNumber = 1 or I_vProfitTypeNumber = 2, then I_vProfitAmount must be zero                                                                                                                                                                                                                                                                                                                 |
| @I_vTypeofTransaction   | smallint  | 5      | No       | 0       | The type of transaction is 1, 2, 3, or 4                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| @I_vCostElement         | smallint  | 5      | Yes      | 0       | I_vCostElement exists in JC40209                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Element Name                  | Data Type | Length | Required | Default     | Description                                |
|-------------------------------|-----------|--------|----------|-------------|--------------------------------------------|
| @I_vEstimatedStartDate        | datetime  |        | No       | 01/01/1900' |                                            |
| @I_vEstimatedCompletionDate   | datetime  |        | No       | 01/01/1900' |                                            |
| @I_vCostCodeEstimatedUnits    | numeric   | 19,5   | No       | 0           |                                            |
| @I_vEstimatedAmtUnits         | numeric   | 19,5   | No       | 0           |                                            |
| @I_vEstimatedMeasureCode      | char      | 7      | No       | '           | I_vEstimatedMeasureCode exists in JC40102  |
| @I_vCostCodeEstimatedCost     | numeric   | 19,5   | No       | 0           |                                            |
| @I_vCostCodeRvsdEstimatedCost | numeric   | 19,5   | No       | 0           |                                            |
| @I_vCostCodeForecastedCost    | numeric   | 19,5   | No       | 0           |                                            |
| @I_vCostCodeRvsdForecast      | numeric   | 19,5   | No       | 0           |                                            |
| @I_vProductionEstimateQty     | numeric   | 19,5   | No       | 0           |                                            |
| @I_vProductionQtyUnit         | numeric   | 19,5   | No       | 0           |                                            |
| @I_vProductionMeasureCode     | char      | 7      | No       | '           | I_vProductionMeasureCode exists in JC40102 |
| @I_vVendorNumber              | char      | 25     | No       | '           | I_vVendorNumber exists in PM00200          |
| @I_vItemNumber                | char      | 31     | No       | '           |                                            |

| Element Name            | Data Type | Length | Required | Default     | Description                       |
|-------------------------|-----------|--------|----------|-------------|-----------------------------------|
| @I_vPurchaseOrderNumber | char      | 21     | No       | '           |                                   |
| @I_vWorkersComp         | char      | 7      | No       | '           | I_vWorkersComp exists in UPR40700 |
| @I_vUserDefine1         | char      | 31     | No       | '           |                                   |
| @I_vUserDefine2         | char      | 31     | No       | '           |                                   |
| @I_vUserDefined1        | char      | 21     | No       | '           |                                   |
| @I_vUserDefined2        | char      | 21     | No       | '           |                                   |
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0           |                                   |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0           |                                   |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0           |                                   |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0           |                                   |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       | 0           |                                   |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       | 0           |                                   |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       | 0           |                                   |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       | 0           |                                   |
| @I_vUserDefinedDate1    | datetime  |        | No       | 01/01/1900' |                                   |

| Element Name           | Data Type | Length | Required | Default     | Description |
|------------------------|-----------|--------|----------|-------------|-------------|
| @I_vUserDefinedDate2   | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate3 | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate4 | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedCB1     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB2     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB3     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB4     | tinyint   | 3      | No       | 0           |             |
| @I_vWennsoftAffiliate  | char      | 15     | No       | '           |             |
| @I_vWennsoftBranch     | char      | 15     | No       | '           |             |
| @I_vWennsoftRegion     | char      | 15     | No       | '           |             |
| @I_vSVLanguageID       | smallint  | 5      | No       | 0           |             |
| @I_vTimeZone           | char      | 3      | No       | '           |             |
| @I_vWSReservedCB1      | tinyint   | 3      | No       | 0           |             |
| @I_vWSReservedCB2      | tinyint   | 3      | No       | 0           |             |



| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB3      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB4      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB5      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB6      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB7      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB8      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB9      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB10     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedSTR1     | char      | 11     | No       | '       |             |
| @I_vWSReservedSTR2     | char      | 11     | No       | '       |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND3       | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       | '       |             |

## Error Codes

| Error Code | Description                                                                                   |
|------------|-----------------------------------------------------------------------------------------------|
| 51089      | The Cost Element must be in the range of 1 to 9.                                              |
| 52243      | The length of the first Job Cost Code Segment is incorrect.                                   |
| 52244      | The length of the second Job Cost Code Segment is incorrect.                                  |
| 52245      | The length of the third Job Cost Code Segment is incorrect.                                   |
| 52246      | The length of the fourth Job Cost Code Segment is incorrect.                                  |
| 52293      | Cost Code Alias must be empty.                                                                |
| 51205      | The profit type number does not exist in the profit type setup table.                         |
| 52250      | The Cost Element must be 1 for Profit Type Number 9 Service Labor Rate Group.                 |
| 52251      | The Profit Amount cannot be 100 for a Job Cost Code with Profit Type Number 3 Percent Margin. |

| Error Code | Description                                                                                    |
|------------|------------------------------------------------------------------------------------------------|
| 52252      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 1 Non-billable.      |
| 52253      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 2 None.              |
| 52254      | The Type of Transaction value for a Job Cost Code must be 1, 2, 3, or 4.                       |
| 52298      | The account index must be zero when using option Cost Code Debit Posting Accounts by Division. |
| 51164      | Account Index does not exist.                                                                  |
| 51165      | Account number is inactive.                                                                    |
| 52264      | Unit accounts cannot be used with job cost codes.                                              |
| 52256      | The Production Measure Code does not exist.                                                    |
| 52257      | The Estimated Measure Code does not exist.                                                     |
| 52259      | The Workers Compensation Code does not exist.                                                  |
| 52261      | The Vendor ID does not exist.                                                                  |
| 52262      | The Cost Code Description cannot be blank for a Job Cost Code.                                 |

## wsiCustomerMaintenance

### Description:

Imports customer data specific to Signature and validates the data substantially like the Signature Customer Maintenance window. Other data fields in this window specific to GP may be imported using eConnect.

| Element Name         | Data Type | Length | Required | Default | Description                                                                                                                                                                                                                                                                                                                                                    |   |                                                                                                                                                                                                                                                                                  |
|----------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vCustomer Number  | char      | 15     | No       | Yes     | Customer Number is checked to determine if this is a create or an update. If the field is null or empty the next auto-generated Customer Number from Service Setup - Service Options - Auto Generate Numbers Setup is used. If the Auto Generate numbers in Service are not setup and the field is empty or null the record is rejected. Also convert to upper | x | SV00100SV00200eC<br>-RM00101sv00015 -<br>Branch MSTRSV00199<br>- Auto Number MSTR                                                                                                                                                                                                |
| @I_vCustomer Name    | char      | 65     | Yes      |         | Not required on updates.                                                                                                                                                                                                                                                                                                                                       | x | eC                                                                                                                                                                                                                                                                               |
| @I_vCustomer ClassID | char      | 15     | No       |         | Null or Existing Class ID in RM00201 This will pull all the information from the classID into this customer's data.                                                                                                                                                                                                                                            |   | eCRM00201.CLASSID                                                                                                                                                                                                                                                                |
| @I_vService Branch   | char      | 15     | Yes      |         | Existing Branch in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not required on updates                                                                                                                                                                                                                       | x | SV00100sv00196.Record= 1check<br>sv00196.Service_Option_Box_5 ("Use Global Record Identification Filters")sv00015.Branch_Name- (Branch Master table) is unique or use the combination of Wennsoft_Affiliate, Wennsoft_Region, Wennsoft_Branch (these three make the Primary Key) |

| Element Name      | Data Type | Length | Required | Default | Description                                                                                                               |   |                |
|-------------------|-----------|--------|----------|---------|---------------------------------------------------------------------------------------------------------------------------|---|----------------|
| @I_vAddressCode   | char      | 15     | Yes      |         | Converted to upper case. Not required if update. Created or updated in RM00102                                            | x | RM00102RM00101 |
| @I_vLocation Name | char      | ?      | Yes      |         | Not required on updates.                                                                                                  | x |                |
| @I_vAddress1      | char      | 61     | No       |         |                                                                                                                           | x |                |
| @I_vAddress2      | char      | 61     | No       |         |                                                                                                                           | x |                |
| @I_vAddress3      | char      | 61     | No       |         |                                                                                                                           | x |                |
| @I_vCountry       | char      | 61     | No       |         |                                                                                                                           | x |                |
| @I_vCity          | char      | 35     | No       |         |                                                                                                                           | x |                |
| @I_vState         | char      | 29     | No       |         |                                                                                                                           | x |                |
| @I_vZip           | char      | 11     | No       |         |                                                                                                                           | x |                |
| @I_vPhone1        | char      | 21     | No       | Yes     | Defaults to zero. Is right padded to fill with zeros. Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619) | x |                |
| @I_vPhone2        | char      | 21     | No       | Yes     | Defaults to zero. Is right padded to fill with zeros. Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619) | x |                |

| Element Name                | Data Type | Length | Required | Default | Description                                                                                                                |   |                                                                                                             |
|-----------------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------|
| @I_vPhone3                  | char      | 21     | No       | Yes     | Defaults to zero.Is right padded to fill with zerosNot formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619)     | x |                                                                                                             |
| @I_vFax                     | char      | 21     | No       |         | Defaults to zero.Not formatted.                                                                                            | x |                                                                                                             |
| @I_vUserID                  | char      | 15     | N        |         | If empty or null a truncated SQL Server login is used                                                                      | x | SV00100                                                                                                     |
| @I_vTechnicianID            | char      | 15     | N        |         | Technician ID in SV_Lookup_Technician_MSTR                                                                                 | x | SV00100SV00115.Tech<br>nician (this table maps a technician to either:UPR00100.EMPLOYID orPM00200.VENDORID) |
| @I_vTechnicianTeam          | char      | 15     | N        |         | Typically empty.                                                                                                           | x | SV00100                                                                                                     |
| @I_vCorporateCustomerNumber | char      | 15     | No       |         | Only available if 'Use Corporate Customer ID' option is marked in Service Setup - Service Options.Converted to upper case. | x | RM00101.CUSTNMBR where sv00196_Service_Option_Box_4=1 and Record=1                                          |
| @I_vPORequired              | tinyint   | 3      | N        |         | Bool. Defaults to zero.                                                                                                    | x | SV00100                                                                                                     |
| @I_vContactPerson           | char      | 61     | No       |         |                                                                                                                            | x |                                                                                                             |
| @I_vContactName             | char      | 15     | N        |         |                                                                                                                            | x | SV00100                                                                                                     |

| Element Name          | Data Type | Length | Required | Default | Description                                                                                                                                                                                      |   |                                                                                                                                                                                                         |
|-----------------------|-----------|--------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vContactPerson2    | char      | 15     | No       |         | Only available if the option 'Show Location Contact Fields' is marked in Service Setup.Don't validate ?                                                                                          | x | SV00200                                                                                                                                                                                                 |
| @I_vSalespersonID     | char      | 15     | N        |         | Existing SalespersonID in RM00301                                                                                                                                                                | x | RM00301.SLSPRSNID                                                                                                                                                                                       |
| @I_vLaborRateGroup    | char      | 15     | Yes      |         | Existing Labor Rate Group in SV000122 or SV000123 (if "Use Overhead Amounts From Job Cost" Service_Option_Box_35 is marked in sv00196 SV_Setup2_MSTR).Convert to uppercaseNot required on update | x | SV00200if sv00196.Record = 1 and sv00196.Service_Option_Box_35 = 0 then check SV000122.Labor_Group_Nameif sv00196.Record = 1 and sv00196.Service_Option_Box_35 = 1 then check SV000123.Labor_Group_Name |
| @I_vPriceMatrix       | char      | 15     | Yes      |         | Existing PriceMatrix in SV00143Convert to uppercaseNot required on update                                                                                                                        | x | SV00200SV00143.Pricing_Matrix_Name                                                                                                                                                                      |
| @I_vCustomer Type     | char      | 31     | N        |         |                                                                                                                                                                                                  | x | SV00100                                                                                                                                                                                                 |
| @I_vCustomer Source   | char      | 31     | N        |         |                                                                                                                                                                                                  | x | SV00100                                                                                                                                                                                                 |
| @I_vBlanketPOCheckbox | tinyint   | 3      | N        |         | Bool. Defaults to zero.                                                                                                                                                                          | x | SV00100                                                                                                                                                                                                 |
| @I_vBlanketPONumber   | char      | 17     | N        |         | Not validated.                                                                                                                                                                                   | x | SV00100                                                                                                                                                                                                 |

| Element Name                | Data Type | Length | Required | Default | Description                                     |   |         |
|-----------------------------|-----------|--------|----------|---------|-------------------------------------------------|---|---------|
| @I_vOriginalBlanketPOAmount | numeric   | 19,5   | N        |         | >= 0. Not available on updates. Typically zero. | x | SV00100 |
| @I_vBlanketPOAmountSpent    | numeric   | 19,5   | N        |         | >= 0. Not available on updates. Typically zero. | x | SV00100 |
| @I_vBlanketPOAmountRemainin | numeric   | 19,5   | N        |         | >= 0. Not available on updates. Typically zero. | x | SV00100 |
| @I_vBlanketPOExpirationDate | datetime  |        | N        |         | valid dex date                                  | x | SV00100 |
| @I_vUserDefine1a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vUserDefine2a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vUserDefine3a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vUserDefine4a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vUserDefine5a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vUserDefine6a            | char      | 31     | N        |         |                                                 | x | SV00100 |
| @I_vServiceUserDefine1      | char      | 21     | N        |         |                                                 | x | SV00100 |
| @I_vServiceUserDefine2      | char      | 21     | N        |         |                                                 | x | SV00100 |



| Element Name            | Data Type | Length | Required | Default | Description    |   |         |
|-------------------------|-----------|--------|----------|---------|----------------|---|---------|
| @I_vServiceUserDefine3  | char      | 31     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine4  | char      | 31     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine5  | int       | 10     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine6  | int       | 10     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine7  | int       | 10     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine8  | int       | 10     | N        |         |                | x | SV00100 |
| @I_vServiceUserDefine9  | datetime  |        | N        |         | valid dex date | x | SV00100 |
| @I_vServiceUserDefine10 | datetime  |        | N        |         | valid dex date | x | SV00100 |
| @I_vServiceUserDefine11 | datetime  |        | N        |         | valid dex date | x | SV00100 |
| @I_vServiceUserDefine12 | datetime  |        | N        |         | valid dex date | x | SV00100 |
| @I_vServiceUserDefine18 | tinyint   | 3      | N        |         | bool           | x | SV00100 |
| @I_vServiceUserDefine19 | tinyint   | 3      | N        |         | bool           | x | SV00100 |
| @I_vServiceUserDefine20 | tinyint   | 3      | N        |         | bool           | x | SV00100 |

| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                      |   |                                       |
|-------------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------|
| @I_vServiceUserDefine21 | tinyint   | 3      | N        |         | bool                                                                                                                             | x | SV00100                               |
| @I_vServiceUserDefine22 | numeric   | 19,5   | N        |         |                                                                                                                                  | x | SV00100                               |
| @I_vServiceUserDefine23 | numeric   | 19,5   | N        |         |                                                                                                                                  | x | SV00100                               |
| @I_vServiceUserDefine24 | numeric   | 19,5   | N        |         |                                                                                                                                  | x | SV00100                               |
| @I_vServiceUserDefine25 | numeric   | 19,5   | N        |         |                                                                                                                                  | x | SV00100                               |
| @I_vTimeZone            | char      | 3      | No       |         | Defaults to zeroOnly available if 'Enable Time Zone Views' is marked in Service Setup - Service Options.NOT USED- Don't Validate | x | SV00100sv000196.Service_Option_Box_49 |
| @I_vTimeZoneTag         | char      | 5      | N        |         | Existing time zone tag in SV00045                                                                                                | x | SV00100SV00045.Time_Zone_Tag          |
| @I_vSVLanguageID        | smallint  | 5      | N        |         | Defaults to zero.                                                                                                                | x | SV00100                               |
| @I_vSupervisorsID       | char      | 15     | N        |         | Existing EmpID??? Payroll Supervisor Master is UPR41700.                                                                         | x | SV00100UPR41700.SUPERVISORCODE_I      |
| @I_vHoldTransactionID   | int       | 10     | N        |         |                                                                                                                                  | x | SV00100                               |
| @I_vWSReservedCB1       | tinyint   | 3      | N        |         | Bool. Defaults to zero.                                                                                                          | x | SV00100                               |
| @I_vWSReservedCB2       | tinyint   | 3      | N        |         | Bool. Defaults to zero.                                                                                                          | x | SV00100                               |

| Element Name                        | Data Type | Length | Required | Default | Description             |   |         |
|-------------------------------------|-----------|--------|----------|---------|-------------------------|---|---------|
| @I_vWSReservedCB3                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB4                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB5                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB6                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB7                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB8                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB9                   | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedCB10                  | tinyint   | 3      | N        |         | Bool. Defaults to zero. | x | SV00100 |
| @I_vWSReservedSTR1                  | char      | 11     | N        |         |                         | x | SV00100 |
| @I_vWSReservedSTR2                  | char      | 11     | N        |         |                         | x | SV00100 |
| @I_vUpdateIfExists tinyint = 0,     | tinyint   | 3      | No       | Yes     | Defaults to true.       | x |         |
| @I_vWennSoftTablesOnly tinyint = 0, | tinyint   | 3      | No       | Yes     | Defaults to false.      | x |         |
| @I_vOnlyValidate tinyint = 0,       | tinyint   | 3      | No       | Yes     | Defaults to false       | x |         |

| Element Name                        | Data Type | Length | Required | Default | Description       |      |         |
|-------------------------------------|-----------|--------|----------|---------|-------------------|------|---------|
| @I_vUSRDEFN D1 char(50)=",          | char      | 50     | No       |         |                   | x    |         |
| @I_vUSRDEFN D2 char(50)=",          | char      | 50     | No       |         |                   | x    |         |
| @I_vUSRDEFN D3 char(50)=",          | char      | 50     | No       |         |                   | x    |         |
| @I_vUSRDEFN D4 varchar(8000) =",    | varchar   | 8000   | No       |         |                   | x    |         |
| @I_vUSRDEFN D5 varchar(8000) =",    | varchar   | 8000   | No       |         |                   | x    |         |
| @I_vReturnErrorText tinyint = 0,    | tinyint   | 3      | No       | Yes     | Defaults to false | x    |         |
| @O_iErrorState int=0 OUTPUT,        | int       | 10     | Yes      |         |                   | x    |         |
| @oErrString varchar(255) = " OUTPUT | varchar   | 255    | Yes      |         |                   | x    |         |
|                                     |           |        |          |         |                   |      |         |
| Other fields set automatically      |           |        |          |         |                   |      |         |
| WennsoftAffiliate                   | char      | 15     | N        |         |                   | calc | SV00100 |
| WennsoftRegion                      | char      | 15     | N        |         |                   | calc | SV00100 |

| Element Name                                       | Data Type | Length | Required | Default | Description                             |  |  |
|----------------------------------------------------|-----------|--------|----------|---------|-----------------------------------------|--|--|
| Other fields not included but listed for reference |           |        |          |         |                                         |  |  |
| CustomerClasses                                    | char      | 15     | No       |         |                                         |  |  |
| ParentCustomerID                                   | ?         | ?      | No       |         | Existing Customer ID in RM00101         |  |  |
| StatementName                                      | char      | 65     | No       |         | If empty default with Name              |  |  |
| ShortName                                          | char      | 15     | No       |         | If null then the Customer Name is used. |  |  |
| UPSZone                                            | char      | 3      | No       |         |                                         |  |  |
| ShippingMethod                                     | char      | 15     | No       |         | Existing Shipping Method in xxx         |  |  |
| TaxScheduleID                                      | char      | 15     | No       |         | Existing Tax Schedule ID in xxx         |  |  |
| PrimaryBilltoAddressCode                           | char      | 15     | No       |         | Existing Address Code in RM00102        |  |  |
| PrimaryShipToAddressCode                           | char      | 15     | No       |         | Existing Address Code in RM00102        |  |  |
| StatementAddressCode                               | char      | 15     | No       |         | Existing Address Code in RM00102        |  |  |
| CheckbookID                                        | char      | 15     | No       |         | Existing Checkbook ID in xxx            |  |  |
| PaymentTermSID                                     | char      | 21     | No       |         | Existing Payment Terms in xxx           |  |  |

| Element Name            | Data Type | Length | Required | Default | Description                               |                      |  |
|-------------------------|-----------|--------|----------|---------|-------------------------------------------|----------------------|--|
| CreditLimitType         | smallint  | 5      | No       |         | Existing CreditLimitType                  |                      |  |
| CreditLimitAmount       | numeric   | 19,5   | No       |         | Positive amt., dependent on type          |                      |  |
| CreditLimitPeriod       | smallint  | 5      | No       |         | valid period                              |                      |  |
| CreditLimitPeriodAmount | numeric   | 19,5   | No       |         | Positive amt.                             |                      |  |
| CurrencyID              | char      | 15     | No       |         | set to func currID                        | calc                 |  |
| RateTypeID              | char      | 15     | No       |         | set to empty (none)                       | calc                 |  |
| ServiceArea             | ?         | ?      | No       |         | Existing Service Area in xxx              | SV00220.Service_Area |  |
| PrimaryTech             | ?         | ?      | No       |         | Existing TechnicianID in SV00115          | SV00115.Technician   |  |
| SecondaryTech           | ?         | ?      | No       |         | Existing TechnicianID in SV00115          | SV00115.Technician   |  |
| CustomerDiscount        | smallint  | 5      | No       |         | Min 0, max 10000 (where 10000 is 100.00%) |                      |  |
| PriceLevel              | char      | 11     | No       |         | Existing Price Level in xxx               |                      |  |
| MinimumPaymentType      | smallint  | 5      | No       |         | Existing MinimumPaymentType               |                      |  |
| MinimumPaymentDollar    | numeric   | 19,5   | No       |         | Positive amt. , dependent on type         |                      |  |

| Element Name          | Data Type | Length | Required | Default | Description                               |  |  |
|-----------------------|-----------|--------|----------|---------|-------------------------------------------|--|--|
| MinimumPaymentPercent | smallint  | 5      | No       |         | Min 0, max 10000 (where 10000 is 100.00%) |  |  |
| FinanceChargeAmtType  | smallint  | 5      | No       |         | Valid Type                                |  |  |
| FinanceChargePercent  | smallint  | 5      | No       |         | Min 0, max 10000 (where 10000 is 100.00%) |  |  |
| FinanceChargeDollar   | numeric   | 19,5   | No       |         | Positive amt., dependent on type          |  |  |
| MaximumWriteoffType   | smallint  | 5      | No       |         | Valid Type                                |  |  |
| MaxWriteoffAmount     | numeric   | 19,5   | No       |         | Positive amt., dependent on type          |  |  |
| Division              | ?         | ?      | No       |         | Existing service Division in xxx          |  |  |
| ServiceCallPriority   | char      | 1      | No       |         |                                           |  |  |
| Comment1              | char      | 31     | No       |         |                                           |  |  |
| Comment2              | char      | 31     | No       |         |                                           |  |  |
| UserDefined1          | char      | 21     | No       |         |                                           |  |  |
| UserDefined2          | char      | 21     | No       |         |                                           |  |  |
| TaxExempt1            | char      | 25     | No       |         |                                           |  |  |
| TaxExempt2            | char      | 25     | No       |         |                                           |  |  |
| TaxRegistrationNumber | char      | 25     | No       |         |                                           |  |  |

| Element Name                     | Data Type | Length | Required | Default | Description                    |  |  |
|----------------------------------|-----------|--------|----------|---------|--------------------------------|--|--|
| BalanceType                      | smallint  | 5      | No       |         | Valid Type                     |  |  |
| StatementCycle                   | smallint  | 5      | No       |         | Valid Statement Cycle          |  |  |
| BankName                         | char      | 31     | No       |         |                                |  |  |
| BankBranch                       | char      | 21     | No       |         |                                |  |  |
| SalesTerritory                   | char      | 15     | No       |         | Existing TerritoryID in xxx    |  |  |
| DefaultCashAccountType           | smallint  | 5      | No       |         | Valid account type             |  |  |
| RMCashAccountIndex               | int       | 10     | No       |         | Existing posting account index |  |  |
| RMARAccountIndex                 | int       | 10     | No       |         | Existing posting account index |  |  |
| RMSalesAccountIndex              | int       | 10     | No       |         | Existing posting account index |  |  |
| RMIVAccountIndex                 | int       | 10     | No       |         | Existing posting account index |  |  |
| RMCostOfSalesAccountIndex        | int       | 10     | No       |         | Existing posting account index |  |  |
| RMDiscountsTakenAccountIndex     | int       | 10     | No       |         | Existing posting account index |  |  |
| RMDiscountsAvailableAccountIndex | int       | 10     | No       |         | Existing posting account index |  |  |



| Element Name                    | Data Type | Length | Required | Default | Description                    |  |  |
|---------------------------------|-----------|--------|----------|---------|--------------------------------|--|--|
| RMPFinanceChargeAccountIndex    | int       | 10     | No       |         | Existing posting account index |  |  |
| RMWriteoffAccountIndex          | int       | 10     | No       |         | Existing posting account index |  |  |
| RMSalesOrderReturnsAccountIndex | int       | 10     | No       |         | Existing posting account index |  |  |
| FirstInvoiceDate                | datetime  |        | No       |         | Valid dex date, Ignore time    |  |  |
| Inactive                        | tinyint   | 3      | No       |         | bool                           |  |  |
| Hold                            | tinyint   | 3      | No       |         | bool                           |  |  |
| CreditCardID                    | char      | 15     | No       |         | Existing CCID from xxx         |  |  |
| CreditCardNumber                | char      | 21     | No       |         |                                |  |  |
| CreditCardExpDate               | datetime  |        | No       |         | Valid dex date, Ignore time    |  |  |
| KeepDistributionHistory         | tinyint   | 3      | No       |         | bool                           |  |  |
| KeepCalendarHistory             | tinyint   | 3      | No       |         | bool                           |  |  |
| KeepPeriodHistory               | tinyint   | 3      | No       |         | bool                           |  |  |
| KeepTrxHistory                  | tinyint   | 3      | No       |         | bool                           |  |  |
| NoteIndex                       | numeric   | 19,5   | No       |         | Unvalidated                    |  |  |

| Element Name             | Data Type | Length | Required | Default | Description                                        |  |  |
|--------------------------|-----------|--------|----------|---------|----------------------------------------------------|--|--|
| CreatedDate              | datetime  |        | No       |         | Valid dex date, if empty current date will be used |  |  |
| RevalueCustomer          | tinyint   | 3      | No       |         | bool                                               |  |  |
| PostResultsTo            | smallint  | 5      | No       |         | valid option                                       |  |  |
| FinanceChargeID          | char      | 15     | No       |         |                                                    |  |  |
| GovernmentalCorporateID  | char      | 31     | No       |         |                                                    |  |  |
| GovernmentalIndividualID | char      | 31     | No       |         |                                                    |  |  |
| DiscountGracePeriod      | smallint  | 5      | No       |         | Defaults to zero.                                  |  |  |
| DueDateGracePeriod       | smallint  | 5      | No       |         | Defaults to zero.                                  |  |  |
| DocumentFormatID         | char      | 15     | No       |         |                                                    |  |  |
| SendEmailStatements      | tinyint   | 3      | No       |         | bool                                               |  |  |
| UserLanguageID           | smallint  | 5      | No       |         | set to (none)                                      |  |  |
| GPSFOIntegrationID       | char      | 31     | No       |         |                                                    |  |  |
| IntegrationSource        | smallint  | 5      | No       |         |                                                    |  |  |

| Element Name                      | Data Type | Length | Required | Default | Description                      |  |  |
|-----------------------------------|-----------|--------|----------|---------|----------------------------------|--|--|
| IntegrationID                     | char      | 31     | No       |         |                                  |  |  |
| OrderFulfillmentShortageDefault   | smallint  | 5      | No       |         |                                  |  |  |
| CustomerPriority                  | smallint  | 5      | No       |         | Defaults to 1 (None)             |  |  |
| CountryCode                       | char      | 7      | No       |         | Existing Country Code in xxx     |  |  |
| DeclarantID                       | char      | 15     | No       |         |                                  |  |  |
| RMOverpaymentWriteoffAccountIndex | int       | 10     | No       |         |                                  |  |  |
| ShipComplete Document             | tinyint   | 3      | No       |         | Defaults to zero (no).           |  |  |
| CashBasedVAT                      | tinyint   | 3      | No       |         |                                  |  |  |
| IncludeinDemandandPlanning        | tinyint   | 3      | No       |         |                                  |  |  |
| ServiceLevelID                    | int       | 10     | No       |         | Existing Service Level ID in xxx |  |  |

## wsjJCBillingCodesMSTR

- [Table Name: JC00601 \(page 33\)](#)
- [Validations \(page 39\)](#)
- [Error Codes \(page 39\)](#)

### Table Name: JC00601

#### Description:

Describe what the WSI procedure does in regards to a business goal.

| Element Name                       | Data Type | Length | Required | Default | Description |
|------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber                    | char      | 17     | Yes      |         |             |
| @I_vCostElement                    | smallint  | 5      | Yes      |         | Required    |
| @I_vBillCodeNumber                 | char      | 27     | Yes      |         | Required    |
| @I_vBillCodeDescription            | char      | 31     | No       |         | Required    |
| @I_vBillPct                        | smallint  | 5      | No       |         |             |
| @I_vBillAmount                     | numeric   | 19,5   | No       |         |             |
| @I_vBilledAmountTTD                | numeric   | 19,5   | No       |         |             |
| @I_vTotalBillableAmount            | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingTotalBillableAmount | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingBillAmount          | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingBilledAmountTTD     | numeric   | 19,5   | No       |         |             |
| @I_vRetentionBilledTTD             | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingRetentionBilledTTD  | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingRetentionAmountTTD  | numeric   | 19,5   | No       |         |             |
| @I_vAddedByCOModule                | tinyint   | 3      | No       |         |             |
| @I_vChangeOrderNum                 | char      | 15     | No       |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vUnitsBillable          | numeric   | 19,5   | No       |         |             |
| @I_vUnitsBilledTTD         | numeric   | 19,5   | No       |         |             |
| @I_vUnitsBillingRate       | numeric   | 19,5   | No       |         |             |
| @I_vRetentionAmount<br>TTD | numeric   | 19,5   | No       |         |             |
| @I_vAccountIndex           | int       | 10     | No       |         |             |
| @I_vProfitTypeNumbe<br>r   | smallint  | 5      | No       |         |             |
| @I_vProfitAmount           | numeric   | 19,5   | No       |         |             |
| @I_vWorkInPlace            | numeric   | 19,5   | No       |         |             |
| @I_vStoredToDate           | numeric   | 19,5   | No       |         |             |
| @I_vBillCodeAlias          | char      | 31     | No       |         |             |
| @I_vUserID                 | char      | 15     | No       |         |             |
| @I_vUserDefine1            | char      | 31     | No       |         |             |
| @I_vUserDefine2            | char      | 31     | No       |         |             |
| @I_vUserDefined1           | char      | 21     | No       |         |             |
| @I_vUserDefined2           | char      | 21     | No       |         |             |
| @I_vUserDefinedDolla<br>r1 | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDolla<br>r2 | numeric   | 19,5   | No       |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       |         |             |
| @I_vUserDefinedDate1    | datetime  |        | No       |         |             |
| @I_vUserDefinedDate2    | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate3  | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate4  | datetime  |        | No       |         |             |
| @I_vUserDefinedCB1      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB2      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB3      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB4      | tinyint   | 3      | No       |         |             |
| @I_vSVLanguageID        | smallint  | 5      | No       |         |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vTimeZone          | char      | 3      | No       |         |             |
| @I_vWennsoftAffiliate | char      | 15     | No       |         |             |
| @I_vWennsoftBranch    | char      | 15     | No       |         |             |
| @I_vWennsoftRegion    | char      | 15     | No       |         |             |
| @I_vWSReservedCB1     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB4     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB6     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB7     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB8     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB9     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB10    | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1    | char      | 11     | No       |         |             |
| @I_vWSReservedSTR2    | char      | 11     | No       |         |             |
| @I_vAllocatedPercent  | numeric   | 19,5   | No       |         |             |
| @I_vRevenueAllocated  | numeric   | 19,5   | No       |         |             |
| @I_vPercentComplete   | numeric   | 19,5   | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description                                                                        |
|------------------------|-----------|--------|----------|---------|------------------------------------------------------------------------------------|
| @I_vEstHrtoComplete    | numeric   | 19,5   | No       |         |                                                                                    |
| @I_vEstimateDate       | datetime  |        | No       |         |                                                                                    |
| @I_vWSInactive         | tinyint   | 3      | No       |         |                                                                                    |
| @I_vReimbursable       | tinyint   | 3      | No       |         |                                                                                    |
| @I_vWSPProjectNumber   | char      | 17     | Yes      |         |                                                                                    |
| @I_vDEXROWID           | int       | 10     | No       |         |                                                                                    |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       | If Value is 1 then you can update record if it exists.                             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |                                                                                    |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       | If value is 1 then you can validate without update                                 |
| @I_vUSRDEFND1          | char      | 50     | No       |         |                                                                                    |
| @I_vUSRDEFND2          | char      | 50     | No       |         |                                                                                    |
| @I_vUSRDEFND3          | char      | 50     | No       |         |                                                                                    |
| @I_vUSRDEFND4          | varchar   | 8000   | No       |         |                                                                                    |
| @I_vUSRDEFND5          | varchar   | 8000   | No       |         |                                                                                    |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       | If value is 0 then if multiple errors exist, you will get the list of error codes. |
| @O_iErrorState         | int       | 10     | No       | 0       |                                                                                    |
| @oErrString            | varchar   | 255    | No       |         |                                                                                    |



## Validations

WSJobNumber is required for a Job level Billing Code and not required for a Project Level Billing Code. Cost element of the Job must exist in JC40209. If Billing type of the Job is Standard, SOP, TRX Level or Project Billing, then Bill codes cannot be created for this Billing type. For Fixed type of contract, if the bill codes total billable is greater than the contract expected amount. if the status of "Use a sales account for each bill code" is set to 1; then the account number cannot be blank, except Project Bill Code type the bill code cannot be saved.

## Error Codes

| Error Code | Description                                                                    |
|------------|--------------------------------------------------------------------------------|
| 51005      | Bill Codes cannot be created for this billing type.                            |
| 51006      | The Total Billable amount cannot be greater than the Contract Expected Amount. |
| 51050      | An error occurred during an update or insert into a Signature table.           |
| 51202      | The job is blank.                                                              |
| 51203      | The cost element is blank.                                                     |
| 51204      | The cost element does not exist in the cost element setup table.               |
| 51206      | The account index does not exist in the account setup table.                   |
| 51400      | The bill code number is blank.                                                 |
| 51401      | Cannot insert the bill code because the job is inactive.                       |
| 52100      | The description field is blank.                                                |
| 52300      | Bill Code Alias must be blank.                                                 |
| 52305      | Account Index must be empty.                                                   |

## wsjJCCashReceipts

- [Table Name: JC20502 \(page 40\)](#)
- [Error Codes \(page 43\)](#)

## Table Name: JC20502

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vApplyToAmount             | numeric   | 19,5   |          |         |             |
| @I_vApplyToDocument<br>Number | char      | 21     |          |         |             |
| @I_vAPTODCTY                  | smallint  |        |          |         |             |
| @I_vCheckNumber               | char      | 21     |          |         |             |
| @I_vDiscountTakenAmount       | numeric   | 19,5   |          |         |             |
| @I_vDocumentNumber            | char      | 21     |          |         |             |
| @I_vOnlyValidate              | tinyint   |        |          |         |             |
| @I_vOriginalTrxAmount         | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText           | tinyint   |        |          |         |             |
| @I_vRMDocumentTypeAll         | smallint  |        |          |         |             |
| @I_vSVLanguageID              | smallint  |        |          |         |             |
| @I_vTimeZone                  | char      | 3      |          |         |             |
| @I_vTRXDate                   | datetime  |        |          |         |             |
| @I_vTRXSource                 | char      | 13     |          |         |             |
| @I_vUpdateIfExists            | tinyint   |        |          |         |             |
| @I_vUserDefine1               | char      | 31     |          |         |             |
| @I_vUserDefine2               | char      | 31     |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefined1            | char      | 21     |          |         |             |
| @I_vUserDefined2            | char      | 21     |          |         |             |
| @I_vUserDefinedCB1          | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2          | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3          | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4          | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1        | datetime  |        |          |         |             |
| @I_vUserDefinedDate2        | datetime  |        |          |         |             |
| @I_vUserDefinedDollar1      | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2      | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3      | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4      | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger<br>1 | int       |        |          |         |             |
| @I_vUserDefinedInteger<br>2 | int       |        |          |         |             |
| @I_vUserDefinedInteger<br>3 | int       |        |          |         |             |
| @I_vUserDefinedInteger<br>4 | int       |        |          |         |             |
| @I_vUserID                  | char      | 15     |          |         |             |
| @I_vUSRDEFND1               | char      | 50     |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND2          | char      | 50     |          |         |             |
| @I_vUSRDEFND3          | char      | 50     |          |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate  | char      | 15     |          |         |             |
| @I_vWennsoftBranch     | char      | 15     |          |         |             |
| @I_vWennsoftRegion     | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWriteOffAmount     | numeric   | 19,5   |          |         |             |
| @I_vWSJobNumber        | char      | 17     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1     | char      | 11     |          |         |             |
| @I_vWSReservedSTR2     | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate3 | datetime  |        |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSUserDefinedDate4 | datetime  |        |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                 |
|------------|-------------------------------------------------------------|
| 51013      | The Job Number parameter is missing or blank.               |
| 52404      | The Document Number parameter is missing or blank.          |
| 52405      | The Apply To Document Number parameter is missing or blank. |
| 52478      | The Apply To Document Type parameter is missing or blank.   |

## wsijCChangeOrdersDetailMSTR

- [Table Name: JC01002 \(page 43\)](#)
- [Error Codes \(page 50\)](#)

### Table Name: JC01002

**Other tables affected:** <none>

**Other stored procedures called:** wsiJCChangeOrdersDetailMSTRPre, wsiJCChangeOrdersDetailMSTRPost, wsiJCJobDetailMSTRPre, wsiJCJobDetailMSTRPost

**Description:**

This procedure allows the insert or update of records into the Job Cost Change Orders Detail Master table.

| Element Name         | Data Type | Length | Required | Default | Description                                                                                                                                                                              |
|----------------------|-----------|--------|----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vShortDescription | char      | 30     | No       |         | If the Change Order Cost Code Estimate is the original one, the default description will be 'original estimate'. You do not need to provide it as it should default to that description. |

| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                                                                                               |
|-------------------------|-----------|--------|----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSJobNumber         | char      | 17     | Yes      |         | I_vWSJobNumber must be an existing/active job.                                                                                                                                                            |
| @I_vWSProjectNumber     | char      | 17     | No       | '       | I_vWSProjectNumber must be an existing/active project and the project must be assigned to the job. If I_vWSProjectNumber is updated with the project assigned to the job if the passed in value is empty. |
| @I_vChangeOrderNum      | char      | 15     | Yes      |         | I_vChangeOrderNum must contain a value and must also be an existing change order assigned to the job.                                                                                                     |
| @I_vWSCostCodeNumber1   | char      | 7      | Yes      |         | I_vWSCostCodeNumber1 length is equal to the value in JC40103.Cost_Code_Seg_Length_1                                                                                                                       |
| @I_vWSCostCodeNumber2   | char      | 7      | Yes      |         | I_vWSCostCodeNumber2 length is equal to the value in JC40103.Cost_Code_Seg_Length_2                                                                                                                       |
| @I_vWSCostCodeNumber3   | char      | 7      | Yes      |         | I_vWSCostCodeNumber3 length is equal to the value in JC40103.Cost_Code_Seg_Length_3                                                                                                                       |
| @I_vWSCostCodeNumber4   | char      | 7      | Yes      |         | I_vWSCostCodeNumber4 length is equal to the value in JC40103.Cost_Code_Seg_Length_4                                                                                                                       |
| @I_vCostCodeNumberAlias | char      | 35     | No       | '       | An empty cost code alias value must be passed in. The alias will be constructed from the passed in cost code numbers and element.                                                                         |
| @I_vCostCodeDescription | char      | 31     | Yes      | '       | I_vCostCodeDescription cannot be empty.                                                                                                                                                                   |
| @I_vCostElement         | smallint  | 5      | Yes      |         | I_vCostElement exists in JC40209                                                                                                                                                                          |

| Element Name             | Data Type | Length | Required | Default | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-----------|--------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vAccountIndex         | int       | 10     | No       | 0       | The account index should be a valid account index stored in table GL00100. The account should be active and cannot be a unit (GL00100.ACCTTYPE = 2) account. When using option "Cost Code Debit Posting Accounts: Division" (JC40305.GB_CC_Acct_Setup = 1) pass in 0 or NULL. The account index will default in based on the account index stored in JC40302 for the division assigned to the job and the I_vCostElement passed into the stored procedure. If you do pass in a value, make sure to pass in the account index assigned in JC40302. It may be easier to just pass in NULL, since the default value will be correct. When using option "Cost Code Debit Posting Accounts: Cost Codes" (JC40305.GB_CC_Acct_Setup = 1) pass in a NULL or 0 index to default in the account index from Job Cost Code Master Setup (JC40202). If the cost code does not exist in JC40202, then you'll have to pass in a valid account index. |
| @I_vWSManagerID          | char      | 15     | No       | '       | I_vWSManagerID exists in UPR00100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| @I_vTransactionDocNumber | numeric   | 19,5   | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| @I_vTypeofTransaction    | smallint  | 5      | Yes      | 0       | The type of transaction is 1, 2, 3, or 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vProfitTypeNumber     | smallint  | 5      | Yes      | 0       | A) I_vProfitTypeNumber exists in JC40208 B) I_vProfitTypeNumber must be 2 if the job is a "Fixed Amount" contract and I_vAddedByCOModule is 0 C) I_vProfitTypeNumber may be the values 1 thru 9 if I_vAddedByCOModule is 1 D) if I_vProfitTypeNumber is 9, then I_vCostElement must be 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Element Name                  | Data Type | Length | Required | Default     | Description                                                                                                                                                      |
|-------------------------------|-----------|--------|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vProfitAmount              | numeric   | 19,5   | No       | 0           | A) If I_vProfitTypeNumber = 3, then I_vProfitAmount cannot equal 100 B) If I_vProfitTypeNumber = 1 or I_vProfitTypeNumber = 2, then I_vProfitAmount must be zero |
| @I_vProductionEstimateQty     | numeric   | 19,5   | No       | 0           |                                                                                                                                                                  |
| @I_vProductionQtyUnit         | numeric   | 19,5   | No       | 0           |                                                                                                                                                                  |
| @I_vProductionMeasureCode     | char      | 7      | No       | '           | I_vProductionMeasureCode exists in JC40102                                                                                                                       |
| @I_vEstimatedMeasureCode      | char      | 7      | No       | '           | I_vEstimatedMeasureCode exists in JC40102                                                                                                                        |
| @I_vChangeOrderEstimatedUnits | numeric   | 19,5   | No       | 0           |                                                                                                                                                                  |
| @I_vCOEstimatedAmtUnits       | numeric   | 19,5   | No       | 0           |                                                                                                                                                                  |
| @I_vChangeOrderEstimatedCost  | numeric   | 19,5   | No       | 0           |                                                                                                                                                                  |
| @I_vAddedByCOModule           | tinyint   | 3      | No       | 0           | I_vAddedByCOModule is 0 or 1                                                                                                                                     |
| @I_vPostingStatus             | smallint  | 5      | No       | 0           |                                                                                                                                                                  |
| @I_vScheduleStartDate         | datetime  |        | No       | 01/01/1900' |                                                                                                                                                                  |
| @I_vScheduledCompletionDate   | datetime  |        | No       | 01/01/1900' |                                                                                                                                                                  |
| @I_vVendorNumber              | char      | 25     | No       | '           | I_vVendorNumber exists in PM00200                                                                                                                                |



| Element Name            | Data Type | Length | Required | Default | Description                     |
|-------------------------|-----------|--------|----------|---------|---------------------------------|
| @I_vInventoryItemNumber | char      | 21     | No       | '       |                                 |
| @I_vPurchaseOrderNumber | char      | 21     | No       | '       |                                 |
| @I_vTrackProductionQty  | tinyint   | 3      | No       | 0       | I_vTrackProductionQty is 0 or 1 |
| @I_vUserID              | char      | 15     | No       | '       |                                 |
| @I_vUserDefine1         | char      | 31     | No       | '       |                                 |
| @I_vUserDefine2         | char      | 31     | No       | '       |                                 |
| @I_vUserDefined1        | char      | 21     | No       | '       |                                 |
| @I_vUserDefined2        | char      | 21     | No       | '       |                                 |
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0       |                                 |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0       |                                 |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0       |                                 |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0       |                                 |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       | 0       |                                 |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       | 0       |                                 |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       | 0       |                                 |

| Element Name            | Data Type | Length | Required | Default     | Description |
|-------------------------|-----------|--------|----------|-------------|-------------|
| @I_vUserDefined Dollar4 | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefined Date1   | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefined Date2   | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate3  | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate4  | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefined CB1     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefined CB2     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefined CB3     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefined CB4     | tinyint   | 3      | No       | 0           |             |
| @I_vWennsoftAffiliate   | char      | 15     | No       | '           |             |
| @I_vWennsoftBranch      | char      | 15     | No       | '           |             |
| @I_vWennsoftRegion      | char      | 15     | No       | '           |             |
| @I_vSVLanguageID        | smallint  | 5      | No       | 0           |             |
| @I_vTimeZone            | char      | 3      | No       | '           |             |

| Element Name           | Data Type | Length | Required | Default | Description                         |
|------------------------|-----------|--------|----------|---------|-------------------------------------|
| @I_vLaborGroup<br>Name | char      | 15     | No       | '       | I_vLaborGroupName exists in SV00123 |
| @I_vWSReserved<br>CB1  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB2  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB3  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB4  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB5  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB6  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB7  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB8  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB9  | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>CB10 | tinyint   | 3      | No       | 0       |                                     |
| @I_vWSReserved<br>STR1 | char      | 11     | No       | '       |                                     |
| @I_vWSReserved<br>STR2 | char      | 11     | No       | '       |                                     |
| @I_vDEXROWID           | int       | 10     | No       | 0       |                                     |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       | '       |             |

## Error Codes

| Error Code | Description                                    |
|------------|------------------------------------------------|
| 51017      | The Job does not exist in Signature.           |
| 51094      | Job is inactive.                               |
| 51090      | The Project Number does not exist.             |
| 51234      | Project Number must be for an Active project.  |
| 52279      | The project number is not assigned to the job. |

| Error Code | Description                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52265      | The change order number must contain a value.                                                                                                                                            |
| 52117      | The Change Order does not exist for this job.                                                                                                                                            |
| 52243      | The length of the first Job Cost Code Segment is incorrect.                                                                                                                              |
| 52244      | The length of the second Job Cost Code Segment is incorrect.                                                                                                                             |
| 52245      | The length of the third Job Cost Code Segment is incorrect.                                                                                                                              |
| 52246      | The length of the fourth Job Cost Code Segment is incorrect.                                                                                                                             |
| 51089      | The Cost Element must be in the range of 1 to 9.                                                                                                                                         |
| 52293      | Cost Code Alias must be empty.                                                                                                                                                           |
| 52299      | 'The Cost Code Description cannot be blank for a Change Order Cost Code.                                                                                                                 |
| 51164      | Account Index does not exist.                                                                                                                                                            |
| 52292      | Cost Code Debit Posting Accounts by Division requires the use of the Account Index setup in JC40302 for the Division assigned to the Job and the Cost Element assigned to the Cost Code. |
| 51165      | Account number is inactive.                                                                                                                                                              |
| 52264      | Unit accounts cannot be used with job cost codes.                                                                                                                                        |
| 51118      | The project manager does not exist in the payroll master table.                                                                                                                          |
| 52248      | The Job Cost Code Added By Change Order flag must be set to 0 or 1.                                                                                                                      |
| 51205      | The profit type number does not exist in the profit type setup table.                                                                                                                    |
| 52249      | The Profit Type Number for Job Cost Codes not added by Change Orders must be 2 for Jobs with Fixed Amount Contract Types.                                                                |
| 52250      | The Cost Element must be 1 for Profit Type Number 9 Service Labor Rate Group.                                                                                                            |

| Error Code | Description                                                                                   |
|------------|-----------------------------------------------------------------------------------------------|
| 52251      | The Profit Amount cannot be 100 for a Job Cost Code with Profit Type Number 3 Percent Margin. |
| 52252      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 1 Non-billable.     |
| 52253      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 2 None.             |
| 52254      | The Type of Transaction value for a Job Cost Code must be 1, 2, 3, or 4.                      |
| 52255      | The Track Production Quantity flag for a Job Cost Code must be set to 0 or 1.                 |
| 52256      | The Production Measure Code does not exist.                                                   |
| 52257      | The Estimated Measure Code does not exist.                                                    |
| 52260      | The Labor Group Name does not exist.                                                          |
| 52261      | The Vendor ID does not exist.                                                                 |

## wsjJCChangeOrdersMSTR

- [Table Name: JC01001 \(page 52\)](#)
- [Error Codes \(page 59\)](#)

### Table Name: JC01001

**Other tables affected:** <none>

**Other stored procedures called:** wsjJCChangeOrdersMSTRPre, wsjJCChangeOrdersMSTRPost

**Description:**

This procedure allows the insert or update of records into the JC Change Orders Master table.

| Element Name    | Data Type | Length | Required | Default | Description                                            |
|-----------------|-----------|--------|----------|---------|--------------------------------------------------------|
| @I_vWSJobNumber | char      | 17     | Yes      | '       | I_vWSJobNumber is an existing job and is an active job |

| Element Name                     | Data Type | Length | Required | Default     | Description                                                                                                                                                                                                                                                                                             |
|----------------------------------|-----------|--------|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSProjectNumber              | char      | 17     | No       | '           | I_vWSProjectNumber is an existing project and is an active project and is assigned to the job                                                                                                                                                                                                           |
| @I_vChangeOrderNum               | char      | 15     | Yes      | '           | I_vChangeOrderNum must contain a value, I_vChangeOrderNum must not exist on a job if I_vUpdateIfExists is 0                                                                                                                                                                                             |
| @I_vChangeOrderStatus            | smallint  | 5      | No       | 0           | I_vChangeOrderStatus must be in the range 1 thru 5                                                                                                                                                                                                                                                      |
| @I_vChangeOrderDescription       | char      | 31     | No       | '           | I_vChangeOrderDescription must contain a value                                                                                                                                                                                                                                                          |
| @I_vChangeOrderType              | smallint  | 5      | No       | 0           | I_vChangeOrderType must be a value of 1 (Fixed Amount), 2 (Cost Plus), or 3 (Cost Plus NTE), I_vChangeOrderType must be a value of 1 (Fixed Amount) for jobs with billing type 6 (SOP Billing), If I_vChangeOrderType is 3 (Cost Plus NTE), then the job must have a contract type of 3 (Cost Plus NTE) |
| @I_vChangeOrderEstimatedCost     | numeric   | 19,5   | No       | 0           | I_vChangeOrderEstimatedCost must be zero for I_vChangeOrderType values 2 (Cost Plus) and 3 (Cost Plus NTE)                                                                                                                                                                                              |
| @I_vConfirmedModifiedDate        | datetime  |        | No       | 01/01/1900' |                                                                                                                                                                                                                                                                                                         |
| @I_vOriginatingChangeOrderAmount | numeric   | 19,5   | No       | 0           |                                                                                                                                                                                                                                                                                                         |
| @I_vExchangeRate                 | numeric   | 19,7   | No       | 0           |                                                                                                                                                                                                                                                                                                         |
| @I_vExchangeDate                 | datetime  |        | No       | 01/01/1900' |                                                                                                                                                                                                                                                                                                         |
| @I_vRateTypeID                   | char      | 15     | No       | '           |                                                                                                                                                                                                                                                                                                         |

| Element Name                | Data Type | Length | Required | Default     | Description |
|-----------------------------|-----------|--------|----------|-------------|-------------|
| @I_vExchangeTableID         | char      | 15     | No       | '           |             |
| @I_vTime                    | datetime  |        | No       | 01/01/1900' |             |
| @I_vConfirmedModifiedTime   | datetime  |        | No       | 01/01/1900' |             |
| @I_vConfirmedModifiedUserID | char      | 15     | No       | '           |             |
| @I_vInProcessModifiedDate   | datetime  |        | No       | 01/01/1900' |             |
| @I_vInProcessModifiedTime   | datetime  |        | No       | 01/01/1900' |             |
| @I_vInProcessModifiedUserID | char      | 15     | No       | '           |             |
| @I_vCOUD1ModifiedDate       | datetime  |        | No       | 01/01/1900' |             |
| @I_vCOUD1ModifiedTime       | datetime  |        | No       | 01/01/1900' |             |
| @I_vCOUD1ModifiedUserID     | char      | 15     | No       | '           |             |
| @I_vCOUD2ModifiedDate       | datetime  |        | No       | 01/01/1900' |             |
| @I_vCOUD2ModifiedTime       | datetime  |        | No       | 01/01/1900' |             |
| @I_vCOUD2ModifiedUserID     | char      | 15     | No       | '           |             |
| @I_vCOUD3ModifiedDate       | datetime  |        | No       | 01/01/1900' |             |



| Element Name             | Data Type | Length | Required | Default     | Description |
|--------------------------|-----------|--------|----------|-------------|-------------|
| @I_vCOUD3ModifiedTime    | datetime  |        | No       | 01/01/1900' |             |
| @I_vCOUD3ModifiedUserID  | char      | 15     | No       | '           |             |
| @I_vUserDefinedCO1       | char      | 15     | No       | '           |             |
| @I_vUserDefinedCO2       | char      | 15     | No       | '           |             |
| @I_vUserDefinedCO3       | char      | 15     | No       | '           |             |
| @I_vUserDefinedCO4       | char      | 15     | No       | '           |             |
| @I_vUserDefinedDate1     | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedDate2     | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate3   | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate4   | datetime  |        | No       | 01/01/1900' |             |
| @I_vEstEquipmentCost     | numeric   | 19,5   | No       | 0           |             |
| @I_vEstLaborCost         | numeric   | 19,5   | No       | 0           |             |
| @I_vEstLaborUnitsT<br>TD | numeric   | 19,5   | No       | 0           |             |
| @I_vPayRate              | numeric   | 19,5   | No       | 0           |             |

| Element Name                 | Data Type | Length | Required | Default     | Description                                                                                                  |
|------------------------------|-----------|--------|----------|-------------|--------------------------------------------------------------------------------------------------------------|
| @I_vEstMaterialCost          | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstMiscOtherCost         | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstSubsCost              | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstCostUserDefined1      | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstCostUserDefined2      | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstCostUserDefined3      | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstCostUserDefined4      | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vTotalEstimatedCost       | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vProductionEstimateQty    | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vEstimatedMarkup          | numeric   | 19,5   | No       | 0           |                                                                                                              |
| @I_vWSMarkupPercent          | int       | 10     | No       | 0           |                                                                                                              |
| @I_vPostingStatus            | smallint  | 5      | No       | 0           |                                                                                                              |
| @I_vPostingDate              | datetime  |        | No       | 01/01/1900' |                                                                                                              |
| @I_vChangeOrderMaximumAmount | numeric   | 19,5   | No       |             | I_vChangeOrderMaximumAmount must be zero for I_vChangeOrderType values of 1 (Fixed Amount) and 2 (Cost Plus) |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserID              | char      | 15     | No       | '       |             |
| @I_vUserDefine1         | char      | 31     | No       | '       |             |
| @I_vUserDefine2         | char      | 31     | No       | '       |             |
| @I_vUserDefined1        | char      | 21     | No       | '       |             |
| @I_vUserDefined2        | char      | 21     | No       | '       |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedDollars1 | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedDollars2 | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedDollars3 | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedDollars4 | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedCB1      | tinyint   | 3      | No       | 0       |             |
| @I_vUserDefinedCB2      | tinyint   | 3      | No       | 0       |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedCB3    | tinyint   | 3      | No       | 0       |             |
| @I_vUserDefinedCB4    | tinyint   | 3      | No       | 0       |             |
| @I_vWennsoftAffiliate | char      | 15     | No       | '       |             |
| @I_vWennsoftBranch    | char      | 15     | No       | '       |             |
| @I_vWennsoftRegion    | char      | 15     | No       | '       |             |
| @I_vSVLanguageID      | smallint  | 5      | No       | 0       |             |
| @I_vTimeZone          | char      | 3      | No       | '       |             |
| @I_vWSReservedCB1     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB2     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB3     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB4     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB5     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedSTR1    | char      | 11     | No       | '       |             |
| @I_vWSReservedSTR2    | char      | 11     | No       | '       |             |
| @I_vDEXROWID          | int       | 10     | No       | 0       |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       | '       |             |

## Error Codes

| Error Code | Description                                   |
|------------|-----------------------------------------------|
| 51017      | The Job does not exist in Signature.          |
| 51094      | Job is inactive.                              |
| 51090      | The Project Number does not exist.            |
| 51234      | Project Number must be for an Active project. |
| 52265      | The change order number must contain a value. |

| Error Code | Description                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------|
| 52266      | The change order number already exists for the job.                                                              |
| 52267      | The change order status must be a value in the range 1 thru 5.                                                   |
| 52268      | The change order type must be a value of 1 (Fixed Amount), 2 (Cost Plus), or 3 (Cost Plus NTE).                  |
| 52269      | The change order type must be a value of 1 (Fixed Amount) for jobs with billing type 6 (SOP Billing).            |
| 52270      | Cost Plus NTE change orders, change order type 3, are only valid for jobs with a contract type of Cost Plus NTE. |
| 52271      | Change order posting status must be the value 0 (Unposted) or 2 (Posted).                                        |
| 52272      | The change order description must contain a value.                                                               |
| 52273      | The change order estimated cost must be zero for change order types of 2 (Cost Plus) and 3 (Cost Plus NTE).      |
| 51234      | The project number is not assigned to the job.                                                                   |
| 52274      | The maximum change order amount must be zero for change order types 1 (Fixed Amount) and 2 (Cost Plus).          |

## wsjCForecastCostRevisionMSTR

- [Table Name: JC00201 \(page 60\)](#)
- [Error Codes \(page 65\)](#)

### Table Name: JC00201

**Other tables affected:** Table JC40401 (Transaction\_Doc\_Number is updated for primary key Document\_Number\_Type "3")

**Other stored procedures called:** wsjCForecastCostRevisionMSTRPre, wsjCForecastCostRevisionMSTRPost

**Description:**

This procedure allows the insert or update of records into the Job Cost Forecast Cost Revision Master table.

| Element Name                  | Data Type | Length | Required | Default | Description                                                                                                                                                                                              |
|-------------------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSJobNumber               | char      | 17     | Yes      |         | I_vWSJobNumber must be an existing/active job.                                                                                                                                                           |
| @I_vProjectNumber             | char      | 17     | No       | '       | I_vProjectNumber, if left blank or NULL, will default in from the Job. Otherwise I_vProjectNumber must match the project number assigned to Job. The project must be active.                             |
| @I_vCUSTNMBR                  | char      | 15     | No       | '       | I_vCUSTNMBR must be blank.                                                                                                                                                                               |
| @I_vTransactionDocumentNumber | numeric   | 19,5   | Yes      |         | For new records pass in NULL as this field will be set by the main stored procedure wsiJCForecastCostRevisionMSTR. Pass in the "Transaction Document Number" when doing an update on an existing record. |
| @I_vCostElement               | smallint  | 5      | Yes      |         | The combination of Cost Element and Cost Code Numbers 1, 2, 3, and 4 must exist for the Job in table JC00701.                                                                                            |
| @I_vCostCodeNumber1           | char      | 7      | Yes      |         | The combination of Cost Element and Cost Code Numbers 1, 2, 3, and 4 must exist for the Job in table JC00701.                                                                                            |
| @I_vCostCodeNumber2           | char      | 7      | Yes      |         | The combination of Cost Element and Cost Code Numbers 1, 2, 3, and 4 must exist for the Job in table JC00701.                                                                                            |
| @I_vCostCodeNumber3           | char      | 7      | Yes      |         | The combination of Cost Element and Cost Code Numbers 1, 2, 3, and 4 must exist for the Job in table JC00701.                                                                                            |
| @I_vCostCodeNumber4           | char      | 7      | Yes      |         | The combination of Cost Element and Cost Code Numbers 1, 2, 3, and 4 must exist for the Job in table JC00701.                                                                                            |

| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                                       |
|-------------------------|-----------|--------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vTransactionDate     | datetime  |        | Yes      |         | The transaction date cannot be NULL. Year cannot be 1900, historical, or closed. The transaction date must fall within an open period in JC40602. |
| @I_vCostCodeEstUnit     | numeric   | 19,5   | No       | 0       |                                                                                                                                                   |
| @I_vEstimatedAmtUnits   | numeric   | 19,5   | No       | 0       |                                                                                                                                                   |
| @I_vTransactionAmount   | numeric   | 19,5   | No       | 0       |                                                                                                                                                   |
| @I_vWSManagerID         | char      | 15     | No       | '       |                                                                                                                                                   |
| @I_vUSERID              | char      | 15     | No       | '       |                                                                                                                                                   |
| @I_vShortDescription    | char      | 31     | Yes      |         | I_vShortDescription must not be empty.                                                                                                            |
| @I_vUserDefine1         | char      | 31     | No       | '       |                                                                                                                                                   |
| @I_vUserDefine2         | char      | 31     | No       | '       |                                                                                                                                                   |
| @I_vUSERDEF1            | char      | 21     | No       | '       |                                                                                                                                                   |
| @I_vUSERDEF2            | char      | 21     | No       | '       |                                                                                                                                                   |
| @I_vUserDefInteger1     | int       | 10     | No       | 0       |                                                                                                                                                   |
| @I_vUserDefInteger2     | int       | 10     | No       | 0       |                                                                                                                                                   |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0       |                                                                                                                                                   |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0       |                                                                                                                                                   |



| Element Name           | Data Type | Length | Required | Default     | Description |
|------------------------|-----------|--------|----------|-------------|-------------|
| @I_vUserDefinedDollar1 | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar2 | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar3 | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar4 | numeric   | 19,5   | No       | 0           |             |
| @I_vUSRDAT01           | datetime  |        | No       | 01/01/1900' |             |
| @I_vUSRDAT02           | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedDate3   | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedDate4   | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedCB1     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB2     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB3     | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB4     | tinyint   | 3      | No       | 0           |             |
| @I_vWennsoftAffiliate  | char      | 15     | No       | '           |             |
| @I_vWennsoftBranch     | char      | 15     | No       | '           |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennsoftRegi<br>on | char      | 15     | No       | '       |             |
| @I_vSVLanguageID       | smallint  | 5      | No       | 0       |             |
| @I_vTimeZone           | char      | 3      | No       | '       |             |
| @I_vWSReservedC<br>B1  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B2  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B3  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B4  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B5  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B6  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B7  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B8  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B9  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedC<br>B10 | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedS<br>TR1 | char      | 11     | No       | '       |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedSTR2     | char      | 11     | No       | '       |             |
| @I_vDEXROWID           | int       | 10     | No       | 0       |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       | '       |             |

## Error Codes

| Error Code | Description                          |
|------------|--------------------------------------|
| 51017      | The Job does not exist in Signature. |
| 51094      | Job is inactive.                     |

| Error Code | Description                                                            |
|------------|------------------------------------------------------------------------|
| 51090      | The Project Number does not exist.                                     |
| 51234      | Project Number must be for an Active project.                          |
| 52279      | The project number is not assigned to the job.                         |
| 52301      | Customer Number must be empty.                                         |
| 51018      | Cost Code does not exist for this Job.                                 |
| 51064      | Procedure jcVerifyTRXDate failed on invalid date. Year cannot be 1900. |
| 52306      | The Transaction Date falls within a closed period in Job Cost.         |
| 51066      | Unable to post to historical or closed year.                           |
| 52111      | The Transaction Date cannot be before the created date of the job.     |

## wsjJCInventoryWork

- [Table: JC10201 \(page 66\)](#)
- [Error Codes \(page 71\)](#)

### Table: JC10201

**Description:** Used to create Job Cost Inventory Transactions

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndexArray2<br>1 | int       |        |          |         |             |
| @I_vAccountIndexArray2<br>2 | int       |        |          |         |             |
| @I_vAccountIndexArray2<br>3 | int       |        |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndexArray24   | int       |        |          |         |             |
| @I_vAccountIndexArray25   | int       |        |          |         |             |
| @I_vBatchNumber           | char      | 15     |          |         |             |
| @I_vBatchSource           | char      | 15     |          |         |             |
| @I_vCostCodeActualCostTTD | numeric   | 19,5   |          |         |             |
| @I_vCostCodeDescription   | char      | 31     |          |         |             |
| @I_vCostElement           | smallint  |        |          |         |             |
| @I_vDocumentAmount        | numeric   | 19,5   |          |         |             |
| @I_vDocumentDate          | datetime  |        |          |         |             |
| @I_vDocumentSource        | char      | 3      |          |         |             |
| @I_vGLPostingDate         | datetime  |        |          |         |             |
| @I_vItemDescription       | char      | 101    |          |         |             |
| @I_vItemNumber            | char      | 31     |          |         |             |
| @I_vIVDocumentType        | smallint  |        |          |         |             |
| @I_vJobTRXNumber          | char      | 21     |          |         |             |
| @I_vJobType               | char      | 7      |          |         |             |
| @I_vLineSEQNumber         | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate          | tinyint   |        |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vPostingStatus          | smallint  |        |          |         |             |
| @I_vProfitAmount           | numeric   | 19,5   |          |         |             |
| @I_vProfitTypeNumber       | smallint  |        |          |         |             |
| @I_vReturnErrorText        | tinyint   |        |          |         |             |
| @I_vSVLanguageID           | smallint  |        |          |         |             |
| @I_vTaxDate                | datetime  |        |          |         |             |
| @I_vTimeZone               | char      | 3      |          |         |             |
| @I_vTransactionDescription | char      | 31     |          |         |             |
| @I_vTRXLocation            | char      | 11     |          |         |             |
| @I_vTRXQTY                 | numeric   | 19,5   |          |         |             |
| @I_vUnitCost               | numeric   | 19,5   |          |         |             |
| @I_vUOfM                   | char      | 9      |          |         |             |
| @I_vUpdateIfExists         | tinyint   |        |          |         |             |
| @I_vUserDefine1            | char      | 31     |          |         |             |
| @I_vUserDefine2            | char      | 31     |          |         |             |
| @I_vUserDefined1           | char      | 21     |          |         |             |
| @I_vUserDefined2           | char      | 21     |          |         |             |
| @I_vUserDefinedCB1         | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2         | tinyint   |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedCB3      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4      | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1 | int       |        |          |         |             |
| @I_vUserDefinedInteger2 | int       |        |          |         |             |
| @I_vUserDefinedInteger3 | int       |        |          |         |             |
| @I_vUserDefinedInteger4 | int       |        |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5           | varchar   | 8000   |          |         |             |
| @I_vVendorID            | char      | 15     |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennsoftAffiliate     | char      | 15     |          |         |             |
| @I_vWennsoftBranch        | char      | 15     |          |         |             |
| @I_vWennsoftRegion        | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly    | tinyint   |        |          |         |             |
| @I_vWSCostCodeNumber<br>1 | char      | 7      |          |         |             |
| @I_vWSCostCodeNumber<br>2 | char      | 7      |          |         |             |
| @I_vWSCostCodeNumber<br>3 | char      | 7      |          |         |             |
| @I_vWSCostCodeNumber<br>4 | char      | 7      |          |         |             |
| @I_vWSJobNumber           | char      | 17     |          |         |             |
| @I_vWSProjectNumber       | char      | 17     |          |         |             |
| @I_vWSReservedCB1         | tinyint   |        |          |         |             |
| @I_vWSReservedCB10        | tinyint   |        |          |         |             |
| @I_vWSReservedCB2         | tinyint   |        |          |         |             |
| @I_vWSReservedCB3         | tinyint   |        |          |         |             |
| @I_vWSReservedCB4         | tinyint   |        |          |         |             |
| @I_vWSReservedCB5         | tinyint   |        |          |         |             |
| @I_vWSReservedCB6         | tinyint   |        |          |         |             |
| @I_vWSReservedCB7         | tinyint   |        |          |         |             |



| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB8          | tinyint   |        |          |         |             |
| @I_vWSReservedCB9          | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1         | char      | 11     |          |         |             |
| @I_vWSReservedSTR2         | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate<br>3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate<br>4 | datetime  |        |          |         |             |
| @O_iErrorState             | int       |        |          |         |             |
| @oErrString                | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                          |
|------------|----------------------------------------------------------------------|
| 10004      | Transaction date is not within an open fiscal year.                  |
| 51017      | The Job does not exist in Signature.                                 |
| 51018      | Cost Code does not exist for this Job.                               |
| 51050      | An error occurred during an update or insert into a Signature table. |
| 51050      | An error occurred during an update or insert into a Signature table. |
| 51089      | The Cost Element must be in the range of 1 to 9.                     |
| 51091      | The Inventory Item does not exist.                                   |
| 51094      | Job is inactive.                                                     |

| Error Code | Description                      |
|------------|----------------------------------|
| 52234      | Transaction Quantity is invalid. |
| 52236      | Unit of Measure is invalid.      |

## wsjCInvoiceSchedule

- [Table: JC10503 \(page 72\)](#)
- [Error Codes \(page 76\)](#)

**Table: JC10503**

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndex   | int       |        |          |         |             |
| @I_vBatchNumber    | char      | 15     |          |         |             |
| @I_vBatchSource    | char      | 15     |          |         |             |
| @I_vBillCodeNumber | char      | 27     |          |         |             |
| @I_vBilledAmount   | numeric   | 19,5   |          |         |             |
| @I_vBillPct        | smallint  |        |          |         |             |
| @I_vCommentID      | char      | 15     |          |         |             |
| @I_vCostElement    | smallint  |        |          |         |             |
| @I_vCurrentBill    | numeric   | 19,5   |          |         |             |
| @I_vCurrentDue     | numeric   | 19,5   |          |         |             |
| @I_vLineSEQNumber  | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate   | tinyint   |        |          |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vOriginatingBilledAmount    | numeric   | 19,5   |          |         |             |
| @I_vOriginatingCurrentBill     | numeric   | 19,5   |          |         |             |
| @I_vOriginatingCurrentDue      | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionAmount | numeric   | 19,5   |          |         |             |
| @I_vOriginatingScheduleValue   | numeric   | 19,5   |          |         |             |
| @I_vOriginatingWorkInPlace     | numeric   | 19,5   |          |         |             |
| @I_vRetentionAmount            | numeric   | 19,5   |          |         |             |
| @I_vRetentionBilled            | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText            | tinyint   |        |          |         |             |
| @I_vRMDocumentNumberWORK       | char      | 17     |          |         |             |
| @I_vRMDocumentTypeAll          | smallint  |        |          |         |             |
| @I_vScheduleValue              | numeric   | 19,5   |          |         |             |
| @I_vStoredMaterials            | numeric   | 19,5   |          |         |             |
| @I_vSVLanguageID               | smallint  |        |          |         |             |
| @I_vTimeZone                   | char      | 3      |          |         |             |
| @I_vUnitsBillable              | numeric   | 19,5   |          |         |             |
| @I_vUnitsBilledTTD             | numeric   | 19,5   |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUnitsBillingRate    | numeric   | 19,5   |          |         |             |
| @I_vUpdateIfExists      | tinyint   |        |          |         |             |
| @I_vUserDefine1         | char      | 31     |          |         |             |
| @I_vUserDefine2         | char      | 31     |          |         |             |
| @I_vUserDefined1        | char      | 21     |          |         |             |
| @I_vUserDefined2        | char      | 21     |          |         |             |
| @I_vUserDefinedCB1      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4      | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1 | int       |        |          |         |             |
| @I_vUserDefinedInteger2 | int       |        |          |         |             |
| @I_vUserDefinedInteger3 | int       |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedInteger4 | int       |        |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5           | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate   | char      | 15     |          |         |             |
| @I_vWennsoftBranch      | char      | 15     |          |         |             |
| @I_vWennsoftRegion      | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly  | tinyint   |        |          |         |             |
| @I_vWorkInPlace         | numeric   | 19,5   |          |         |             |
| @I_vWSJobNumber         | char      | 17     |          |         |             |
| @I_vWSReservedCB1       | tinyint   |        |          |         |             |
| @I_vWSReservedCB10      | tinyint   |        |          |         |             |
| @I_vWSReservedCB2       | tinyint   |        |          |         |             |
| @I_vWSReservedCB3       | tinyint   |        |          |         |             |
| @I_vWSReservedCB4       | tinyint   |        |          |         |             |
| @I_vWSReservedCB5       | tinyint   |        |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB6          | tinyint   |        |          |         |             |
| @I_vWSReservedCB7          | tinyint   |        |          |         |             |
| @I_vWSReservedCB8          | tinyint   |        |          |         |             |
| @I_vWSReservedCB9          | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1         | char      | 11     |          |         |             |
| @I_vWSReservedSTR2         | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate<br>3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate<br>4 | datetime  |        |          |         |             |
| @O_iErrorState             | int       |        |          |         |             |
| @oErrString                | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                           |
|------------|-------------------------------------------------------|
| 51013      | The Job Number parameter is missing or blank.         |
| 51112      | Customer number does not exist.                       |
| 52017      | Job Number not found.                                 |
| 52482      | Unable to enter bill codes for TRX Level billing type |
| 52483      | Unable to enter bill codes for Standard Billing type  |
| 52484      | The Bill Code Number parameter is missing or blank.   |

| Error Code | Description                                                                                      |
|------------|--------------------------------------------------------------------------------------------------|
| 52485      | This bill code is completely billed                                                              |
| 52486      | Insert appropriate error description here                                                        |
| 52487      | Bill Code was not found for this Job Number                                                      |
| 52488      | The Document Number cannot be found                                                              |
| 52489      | The Document Type parameter does not match the Document Type.                                    |
| 52489      | Cost element parameter does not match the Bill Code cost element.                                |
| 52490      | Cost element parameter does not match the Bill Code cost element.                                |
| 52491      | Batch number parameter does not match the Document number batch number                           |
| 52492      | Batch source parameter does not match the Document number batch source                           |
| 52493      | Originating Billed Amount parameter does not match the bill code Originating Billed Amount TTD.  |
| 52494      | Originating Schedule Value does not equal the Originating Total Billable Amount of the Bill Code |
| 52495      | Schedule Value does not match the Bill Code Total Billable Amount.                               |
| 52496      | Billed Amount parameter does not match the bill code Billed Amount TTD.                          |
| 52497      | Originating Scheduled Value cannot be greater than Current Bill.                                 |
| 52498      | Current Bill cannot be greater than Schedule Value.                                              |
| 52499      | Please enter current due                                                                         |

## wsjJCJobDetailMSTR

- [Table Name: JC00701 \(page 78\)](#)

- [Error Codes \(page 88\)](#)

## Table Name: JC00701

**Other tables affected:** <none>

Other stored procedures called: wsiJCJobDetailMSTRPre, wsiJCJobDetailMSTRPost

**Description:**

This procedure allows the insert or update of records into the Job Detail Master table.

| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                       |
|-------------------------|-----------|--------|----------|---------|-----------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSJobNumber         | char      | 17     | Yes      |         | I_vWSJobNumber exists in JC00102 and is an active job                                                                             |
| @I_vWSProjectNumber     | char      | 17     | No       | '       | I_vWSProjectNumber exists in JC01701 and is an active project and is assigned to the job                                          |
| @I_vWSCostCodeNumber1   | char      | 7      | Yes      |         | I_vWSCostCodeNumber1 length is equal to the value in JC40103.Cost_Code_Seg_Length_1                                               |
| @I_vWSCostCodeNumber2   | char      | 7      | Yes      |         | I_vWSCostCodeNumber2 length is equal to the value in JC40103.Cost_Code_Seg_Length_2                                               |
| @I_vWSCostCodeNumber3   | char      | 7      | Yes      |         | I_vWSCostCodeNumber3 length is equal to the value in JC40103.Cost_Code_Seg_Length_3                                               |
| @I_vWSCostCodeNumber4   | char      | 7      | Yes      |         | I_vWSCostCodeNumber4 length is equal to the value in JC40103.Cost_Code_Seg_Length_4                                               |
| @I_vCostCodeAlias       | char      | 27     | No       | '       | An empty cost code alias value must be passed in. The alias will be constructed from the passed in cost code numbers and element. |
| @I_vCostCodeDescription | char      | 31     | No       |         | I_vCostCodeDescription must contain a non-empty string                                                                            |
| @I_vCostElement         | smallint  | 5      | Yes      |         | I_vCostElement exists in JC40209                                                                                                  |



| Element Name            | Data Type | Length | Required | Default | Description                                                                                                                                                                                                                                                                              |
|-------------------------|-----------|--------|----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSManagerID         | char      | 15     | No       | '       | I_vWSManagerID exists in UPR00100                                                                                                                                                                                                                                                        |
| @I_vWSInactive          | tinyint   | 3      | No       | 0       | I_vWSInactive is 0 or 1                                                                                                                                                                                                                                                                  |
| @I_vProfitTypeNumber    | smallint  | 5      | No       | 0       | A) I_vProfitTypeNumber exists in JC40208 B) I_vProfitTypeNumber must be 2 if the job is a "Fixed Amount" contract and I_vAddedByCOModule is 0 C) I_vProfitTypeNumber may be the values 1 thru 9 if I_vAddedByCOModule is 1 D) if I_vProfitTypeNumber is 9, then I_vCostElement must be 1 |
| @I_vProfitAmount        | numeric   | 19,5   | No       | 0       | A) If I_vProfitTypeNumber = 3, then I_vProfitAmount cannot equal 100 B) If I_vProfitTypeNumber = 1 or I_vProfitTypeNumber = 2, then I_vProfitAmount must be zero                                                                                                                         |
| @I_vTypeofTransaction   | smallint  | 5      | No       | 0       | The type of transaction is 1, 2, 3, or 4                                                                                                                                                                                                                                                 |
| @I_vNextSubdivisionType | smallint  | 5      | No       | 0       |                                                                                                                                                                                                                                                                                          |

| Element Name              | Data Type | Length | Required | Default | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|-----------|--------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vWSAccountIndex1       | int       | 10     | No       | 0       | I_vWSAccountIndex1 exists in GL00100 and is not a unit account (Account Type 2 in table GL00100). A value of zero or NULL may be passed in which will default in the account index. If JC40305.GB_CC_Acct_Setup is zero, then "Cost Code Debit Posting Accounts: Cost Codes" is used and the account index in JC40202.ACTINDX will be used if I_vWSAccountIndex1 is zero. If JC40305.GB_CC_Acct_Setup is one, then "Cost Code Debit Posting Accounts: Division" is used and the account index in JC40302.ACTINDX will be used (based on the division assigned to the job and the cost element assigned to the cost code) I_vWSAccountIndex1 is zero. Finally, the account must be active and the account cannot be a unit account. Unit accounts are identified by field GL00100.ACCTTYPE with a value of 2. |
| @I_vWSAccountIndex2       | int       | 10     | No       | 0       | Not validated. Not used.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| @I_vAddedByCOModule       | tinyint   | 3      | No       | 0       | I_vAddedByCOModule is 0 or 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| @I_vTrackProductionQty    | tinyint   | 3      | No       | 0       | I_vTrackProductionQty is 0 or 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vCostCodeActualCostTTD | numeric   | 19,5   | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vCostCodeActualCostYTD | numeric   | 19,5   | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vActualUnitsTTD        | numeric   | 19,5   | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| @I_vCostCodeEstimatedCost | numeric   | 19,5   | No       | 0       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Element Name                       | Data Type | Length | Required | Default | Description |
|------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vChangeOrder<br>EstimatedCost   | numeric   | 19,5   | No       | 0       |             |
| @I_vCostCodeRvs<br>dEstimatedCost  | numeric   | 19,5   | No       | 0       |             |
| @I_vCostCodeFor<br>ecastedCost     | numeric   | 19,5   | No       | 0       |             |
| @I_vCostCodeRvs<br>dForecast       | numeric   | 19,5   | No       | 0       |             |
| @I_vForecastedU<br>nits            | numeric   | 19,5   | No       | 0       |             |
| @I_vCommittedC<br>ost              | numeric   | 19,5   | No       | 0       |             |
| @I_vCommittedU<br>nits             | numeric   | 19,5   | No       | 0       |             |
| @I_vCostCodeEsti<br>matedUnits     | numeric   | 19,5   | No       | 0       |             |
| @I_vEstimatedAm<br>tUnits          | numeric   | 19,5   | No       | 0       |             |
| @I_vProductionEs<br>timateQty      | numeric   | 19,5   | No       | 0       |             |
| @I_vProductionA<br>ctualQty        | numeric   | 19,5   | No       | 0       |             |
| @I_vProductionQ<br>tyUnit          | numeric   | 19,5   | No       | 0       |             |
| @I_vProductionQ<br>tyCurrentPeriod | numeric   | 19,5   | No       | 0       |             |
| @I_vProductionB<br>est             | numeric   | 19,5   | No       | 0       |             |

| Element Name              | Data Type | Length | Required | Default     | Description                                |
|---------------------------|-----------|--------|----------|-------------|--------------------------------------------|
| @I_vProductionBestDate    | datetime  |        | No       | 01/01/1900' |                                            |
| @I_vProductionMeasureCode | char      | 7      | No       | '           | I_vProductionMeasureCode exists in JC40102 |
| @I_vOVHD1UOM              | char      | 21     | No       | '           |                                            |
| @I_vOVHD1Type             | smallint  | 5      | No       | 0           |                                            |
| @I_vOVHD1Percent          | smallint  | 5      | No       | 0           |                                            |
| @I_vOVHD1EstimatedUnits   | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1ActualUnits      | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1ForecastedUnits  | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1AmtPerUnit       | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1EstimatedAmount  | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1ActualAmount     | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD1ProfitType       | smallint  | 5      | No       | 0           |                                            |
| @I_vOVHD1ProfitAmount     | numeric   | 19,5   | No       | 0           |                                            |
| @I_vOVHD2UOM              | char      | 21     | No       | '           |                                            |
| @I_vOVHD2Type             | smallint  | 5      | No       | 0           |                                            |

| Element Name                    | Data Type | Length | Required | Default     | Description |
|---------------------------------|-----------|--------|----------|-------------|-------------|
| @I_vOVHD2Perce<br>nt            | smallint  | 5      | No       | 0           |             |
| @I_vOVHD2Estim<br>atedUnits     | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2Actual<br>Units        | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2Forec<br>astedUnits    | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2AmtP<br>erUnit         | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2Estim<br>atedAmount    | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2Actual<br>Amount       | numeric   | 19,5   | No       | 0           |             |
| @I_vOVHD2Profit<br>Type         | smallint  | 5      | No       | 0           |             |
| @I_vOVHD2Profit<br>Amount       | numeric   | 19,5   | No       | 0           |             |
| @I_vBillType                    | smallint  | 5      | No       | 0           |             |
| @I_vScheduledCo<br>mpletionDate | datetime  |        | No       | 01/01/1900' |             |
| @I_vActualCompl<br>etionDate    | datetime  |        | No       | 01/01/1900' |             |
| @I_vScheduleStar<br>tDate       | datetime  |        | No       | 01/01/1900' |             |
| @I_vActualStartD<br>ate         | datetime  |        | No       | 01/01/1900' |             |

| Element Name                  | Data Type | Length | Required | Default | Description                               |
|-------------------------------|-----------|--------|----------|---------|-------------------------------------------|
| @I_vBillingScheduleLine       | char      | 9      | No       | '       |                                           |
| @I_vEstimatedMeasureCode      | char      | 7      | No       | '       | I_vEstimatedMeasureCode exists in JC40102 |
| @I_vAmountPctComplete         | smallint  | 5      | No       | 0       |                                           |
| @I_vUnitsPctComplete          | smallint  | 5      | No       | 0       |                                           |
| @I_vProductionPctComplete     | smallint  | 5      | No       | 0       |                                           |
| @I_vFieldPctComplete          | smallint  | 5      | No       | 0       |                                           |
| @I_vPostedTo                  | tinyint   | 3      | No       | 0       | I_vPostedTo is 0 or 1                     |
| @I_vWorkersComp               | char      | 7      | No       | '       | I_vWorkersComp exists in UPR40700         |
| @I_vChangeOrderEstimatedUnits | numeric   | 19,5   | No       | 0       |                                           |
| @I_vLaborGroupName            | char      | 15     | No       | '       | I_vLaborGroupName exists in SV00123       |
| @I_vUserID                    | char      | 15     | No       | '       |                                           |
| @I_vUserDefine1               | char      | 31     | No       | '       |                                           |
| @I_vUserDefine2               | char      | 31     | No       | '       |                                           |
| @I_vUserDefined1              | char      | 21     | No       | '       |                                           |
| @I_vUserDefined2              | char      | 21     | No       | '       |                                           |

| Element Name            | Data Type | Length | Required | Default     | Description |
|-------------------------|-----------|--------|----------|-------------|-------------|
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0           |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0           |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0           |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0           |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       | 0           |             |
| @I_vUserDefinedDate1    | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedDate2    | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate3  | datetime  |        | No       | 01/01/1900' |             |
| @I_vWSUserDefinedDate4  | datetime  |        | No       | 01/01/1900' |             |
| @I_vUserDefinedCB1      | tinyint   | 3      | No       | 0           |             |
| @I_vUserDefinedCB2      | tinyint   | 3      | No       | 0           |             |

| Element Name                      | Data Type | Length | Required | Default | Description                       |
|-----------------------------------|-----------|--------|----------|---------|-----------------------------------|
| @I_vUserDefined<br>CB3            | tinyint   | 3      | No       | 0       |                                   |
| @I_vUserDefined<br>CB4            | tinyint   | 3      | No       | 0       |                                   |
| @I_vVendorNumber                  | char      | 25     | No       | '       | I_vVendorNumber exists in PM00200 |
| @I_vItemNumber                    | char      | 31     | No       | '       |                                   |
| @I_vPurchaseOrder<br>Number       | char      | 21     | No       | '       |                                   |
| @I_vCostCodeRvs<br>dForecastUnits | numeric   | 19,5   | No       | 0       |                                   |
| @I_vRatePerUnit                   | numeric   | 19,5   | No       | 0       |                                   |
| @I_vOriginalEsti<br>mateUnits     | numeric   | 19,5   | No       | 0       |                                   |
| @I_vOriginalForec<br>astUnits     | numeric   | 19,5   | No       | 0       |                                   |
| @I_vWennsoftAffil<br>iate         | char      | 15     | No       | '       |                                   |
| @I_vWennsoftBra<br>nch            | char      | 15     | No       | '       |                                   |
| @I_vWennsoftReg<br>ion            | char      | 15     | No       | '       |                                   |
| @I_vSVLanguageID                  | smallint  | 5      | No       | 0       |                                   |
| @I_vTimeZone                      | char      | 3      | No       | '       |                                   |
| @I_vWSReserved<br>CB1             | tinyint   | 3      | No       | 0       |                                   |



| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReserved<br>CB2  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB3  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB4  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB5  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB6  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB7  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB8  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB9  | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>CB10 | tinyint   | 3      | No       | 0       |             |
| @I_vWSReserved<br>STR1 | char      | 11     | No       | '       |             |
| @I_vWSReserved<br>STR2 | char      | 11     | No       | '       |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND1       | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2       | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3       | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       | '       |             |

## Error Codes

| Error Code | Description                                                  |
|------------|--------------------------------------------------------------|
| 51017      | The Job does not exist in Signature.                         |
| 51094      | Job is inactive.                                             |
| 51090      | The Project Number does not exist.                           |
| 51234      | Project Number must be for an Active project.                |
| 51234      | Project Number must be for an Active project.                |
| 52243      | The length of the first Job Cost Code Segment is incorrect.  |
| 52244      | The length of the second Job Cost Code Segment is incorrect. |
| 52245      | The length of the third Job Cost Code Segment is incorrect.  |
| 52246      | The length of the fourth Job Cost Code Segment is incorrect. |

| Error Code | Description                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| 51089      | The Cost Element must be in the range of 1 to 9.                                                                          |
| 51118      | The project manager does not exist in the payroll master table.                                                           |
| 52247      | The Job Cost Code Inactive flag must be set to 0 or 1.                                                                    |
| 52248      | The Job Cost Code Added By Change Order flag must be set to 0 or 1.                                                       |
| 51205      | The profit type number does not exist in the profit type setup table.                                                     |
| 52249      | The Profit Type Number for Job Cost Codes not added by Change Orders must be 2 for Jobs with Fixed Amount Contract Types. |
| 52250      | The Cost Element must be 1 for Profit Type Number 9 Service Labor Rate Group.                                             |
| 52251      | The Profit Amount cannot be 100 for a Job Cost Code with Profit Type Number 3 Percent Margin.                             |
| 52252      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 1 Non-billable.                                 |
| 52253      | The Profit Amount must be zero for Job Cost Codes with Profit Type Number 2 None.                                         |
| 52254      | The Type of Transaction value for a Job Cost Code must be 1, 2, 3, or 4.                                                  |
| 51164      | Account Index does not exist.                                                                                             |
| 52255      | The Track Production Quantity flag for a Job Cost Code must be set to 0 or 1.                                             |
| 52256      | The Production Measure Code does not exist.                                                                               |
| 52257      | The Estimated Measure Code does not exist.                                                                                |
| 52258      | The Posted To flag for a Job Cost Code must be 0 or 1.                                                                    |
| 52259      | The Workers Compensation Code does not exist.                                                                             |

| Error Code | Description                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52260      | The Labor Group Name does not exist.                                                                                                                                                     |
| 52261      | The Vendor ID does not exist.                                                                                                                                                            |
| 52262      | The Cost Code Description cannot be blank for a Job Cost Code.                                                                                                                           |
| 51234      | The project number is not assigned to the job.                                                                                                                                           |
| 52264      | Unit accounts cannot be used with job cost codes.                                                                                                                                        |
| 52293      | Cost Code Alias must be empty.                                                                                                                                                           |
| 52292      | Cost Code Debit Posting Accounts by Division requires the use of the Account Index setup in JC40302 for the Division assigned to the Job and the Cost Element assigned to the Cost Code. |

## wsijCJobEstimates

- [Table: JC00401 \(page 90\)](#)
- [Error Codes \(page 94\)](#)

### Table: JC00401

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vCostCodeEstimated Units | numeric   | 19,5   |          |         |             |
| @I_vCostElement             | smallint  |        |          |         |             |
| @I_vCostElementDescription  | char      | 15     |          |         |             |
| @I_vCustomerNumber          | char      | 15     |          |         |             |
| @I_vEstimatedAmtUnits       | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate            | tinyint   |        |          |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vReturnErrorText      | tinyint   |        |          |         |             |
| @I_vScheduleDate         | datetime  |        |          |         |             |
| @I_vShortDescription     | char      | 31     |          |         |             |
| @I_vSVLanguageID         | smallint  |        |          |         |             |
| @I_vTimeZone             | char      | 3      |          |         |             |
| @I_vTransactionAmount    | numeric   | 19,5   |          |         |             |
| @I_vTransactionDate      | datetime  |        |          |         |             |
| @I_vTransactionDocNumber | numeric   | 19,5   |          |         |             |
| @I_vUpdateIfExists       | tinyint   |        |          |         |             |
| @I_vUserDefine1          | char      | 31     |          |         |             |
| @I_vUserDefine2          | char      | 31     |          |         |             |
| @I_vUserDefined1         | char      | 21     |          |         |             |
| @I_vUserDefined2         | char      | 21     |          |         |             |
| @I_vUserDefinedCB1       | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2       | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3       | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4       | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1     | datetime  |        |          |         |             |
| @I_vUserDefinedDate2     | datetime  |        |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedDollar1    | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2    | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3    | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4    | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1   | int       |        |          |         |             |
| @I_vUserDefinedInteger2   | int       |        |          |         |             |
| @I_vUserDefinedInteger3   | int       |        |          |         |             |
| @I_vUserDefinedInteger4   | int       |        |          |         |             |
| @I_vUserID                | char      | 15     |          |         |             |
| @I_vUSRDEFND1             | char      | 50     |          |         |             |
| @I_vUSRDEFND2             | char      | 50     |          |         |             |
| @I_vUSRDEFND3             | char      | 50     |          |         |             |
| @I_vUSRDEFND4             | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5             | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate     | char      | 15     |          |         |             |
| @I_vWennsoftBranch        | char      | 15     |          |         |             |
| @I_vWennsoftRegion        | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly    | tinyint   |        |          |         |             |
| @I_vWSCostCodeNumber<br>1 | char      | 7      |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSCostCodeNumber<br>2 | char      | 7      |          |         |             |
| @I_vWSCostCodeNumber<br>3 | char      | 7      |          |         |             |
| @I_vWSCostCodeNumber<br>4 | char      | 7      |          |         |             |
| @I_vWSJobNumber           | char      | 17     |          |         |             |
| @I_vWSManagerID           | char      | 15     |          |         |             |
| @I_vWSProjectNumber       | char      | 17     |          |         |             |
| @I_vWSReservedCB1         | tinyint   |        |          |         |             |
| @I_vWSReservedCB10        | tinyint   |        |          |         |             |
| @I_vWSReservedCB2         | tinyint   |        |          |         |             |
| @I_vWSReservedCB3         | tinyint   |        |          |         |             |
| @I_vWSReservedCB4         | tinyint   |        |          |         |             |
| @I_vWSReservedCB5         | tinyint   |        |          |         |             |
| @I_vWSReservedCB6         | tinyint   |        |          |         |             |
| @I_vWSReservedCB7         | tinyint   |        |          |         |             |
| @I_vWSReservedCB8         | tinyint   |        |          |         |             |
| @I_vWSReservedCB9         | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1        | char      | 11     |          |         |             |
| @I_vWSReservedSTR2        | char      | 11     |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSUserDefinedDate3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate4 | datetime  |        |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                                   |
|------------|-------------------------------------------------------------------------------|
| 10004      | Transaction date is not within an open fiscal year.                           |
| 51090      | The Project Number does not exist.                                            |
| 51118      | The project manager does not exist in the payroll master table.               |
| 51200      | The cost code number is blank.                                                |
| 51202      | The job is blank.                                                             |
| 51203      | The cost element is blank.                                                    |
| 51204      | The cost element does not exist in the cost element setup table.              |
| 51300      | The Transaction Date field is blank.                                          |
| 51301      | Cannot import estimates because the cost code number does not exist.          |
| 51302      | Cannot import estimates because a password is setup for Revise Estimate Cost. |
| 51412      | Database error inserting records into table JC00401.                          |
| 52100      | The description field is blank.                                               |



| Error Code | Description                                 |
|------------|---------------------------------------------|
| 52418      | Error updating record in the JC00401 table. |
| 52481      | The Transaction Amount cannot be zero.      |

## wsiJCJobMaster

- [Error Codes \(page 108\)](#)

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber             | char      | 17     | Yes      |         |             |
| @I_vWSProjectNumber         | char      | 17     | Yes      |         |             |
| @I_vWSJobName               | char      | 31     | Yes      |         |             |
| @I_vDivisions               | char      | 15     | Yes      |         |             |
| @I_vCustomerNumber          | char      | 15     | Yes      |         |             |
| @I_vJobAddressCode          | char      | 15     | Yes      |         |             |
| @I_vJobBilltoAddressCode    | char      | 15     | Yes      |         |             |
| @I_vEstimatorID             | char      | 15     | No       |         |             |
| @I_vWSManagerID             | char      | 15     | No       |         |             |
| @I_vUserID                  | char      | 15     | No       |         |             |
| @I_vBidDueDate              | datetime  |        | No       |         |             |
| @I_vScheduleStartDate       | datetime  |        | No       |         |             |
| @I_vScheduledCompletionDate | datetime  |        | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vActualCompletionDate      | datetime  |        | No       |         |             |
| @I_vEstLaborCost              | numeric   | 19,5   | No       |         |             |
| @I_vEstMaterialCost           | numeric   | 19,5   | No       |         |             |
| @I_vEstEquipmentCost          | numeric   | 19,5   | No       |         |             |
| @I_vEstSubsCost               | numeric   | 19,5   | No       |         |             |
| @I_vEstMiscOtherCost          | numeric   | 19,5   | No       |         |             |
| @I_vEstCostUserDefined1       | numeric   | 19,5   | No       |         |             |
| @I_vEstCostUserDefined2       | numeric   | 19,5   | No       |         |             |
| @I_vEstCostUserDefined3       | numeric   | 19,5   | No       |         |             |
| @I_vEstCostUserDefined4       | numeric   | 19,5   | No       |         |             |
| @I_vTotalEstimatedCost        | numeric   | 19,5   | No       |         |             |
| @I_vEstLaborCostMarkup        | numeric   | 19,5   | No       |         |             |
| @I_vEstEquipmentCostMarkup    | numeric   | 19,5   | No       |         |             |
| @I_vEstMaterialsCostMarkup    | numeric   | 19,5   | No       |         |             |
| @I_vEstSubsCostMarkup         | numeric   | 19,5   | No       |         |             |
| @I_vEstMiscOtherCostMarkup    | numeric   | 19,5   | No       |         |             |
| @I_vEstUserDefined1CostMarkup | numeric   | 19,5   | No       |         |             |

| Element Name                    | Data Type | Length | Required | Default | Description |
|---------------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstUserDefined2Cost Markup  | numeric   | 19,5   | No       |         |             |
| @I_vEstUserDefined3Cost Markup  | numeric   | 19,5   | No       |         |             |
| @I_vEstUserDefined4Cost Markup  | numeric   | 19,5   | No       |         |             |
| @I_vTotalEstimatedMarkup        | numeric   | 19,5   | No       |         |             |
| @I_vCalculatePctCompletedtoDate | smallint  | 5      | No       |         |             |
| @I_vEstPctCompletoDate          | smallint  | 5      | No       |         |             |
| @I_vJCCContractNumber           | char      | 15     | No       |         |             |
| @I_vContractType                | smallint  | 5      | No       |         |             |
| @I_vWSBillingType               | smallint  | 5      | No       |         |             |
| @I_vProjectBilling              | tinyint   | 3      | No       |         |             |
| @I_vOverheadLaborPct            | smallint  | 5      | No       |         |             |
| @I_vOverheadUserDefined Pct     | smallint  | 5      | No       |         |             |
| @I_vOverheadFlatAmount          | numeric   | 19,5   | No       |         |             |
| @I_vOriginalContractAmount      | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingContractAmount   | numeric   | 19,5   | No       |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vContractMaximumBill Amount | numeric   | 19,5   | No       |         |             |
| @I_vConfirmedChangeOrderAmount | numeric   | 19,5   | No       |         |             |
| @I_vInProcessChangeOrderAmount | numeric   | 19,5   | No       |         |             |
| @I_vCOAmountUserDefined1       | numeric   | 19,5   | No       |         |             |
| @I_vCOAmountUserDefined2       | numeric   | 19,5   | No       |         |             |
| @I_vCOAmountUserDefined3       | numeric   | 19,5   | No       |         |             |
| @I_vContracttoDate             | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingContractToDate  | numeric   | 19,5   | No       |         |             |
| @I_vRetentionPct               | numeric   | 19,5   | No       |         |             |
| @I_vActLaborCostTTD            | numeric   | 19,5   | No       |         |             |
| @I_vActMaterialsCostTTD        | numeric   | 19,5   | No       |         |             |
| @I_vActEquipmentCostTTD        | numeric   | 19,5   | No       |         |             |
| @I_vActSubsCostTTD             | numeric   | 19,5   | No       |         |             |
| @I_vActMiscOtherCostTTD        | numeric   | 19,5   | No       |         |             |
| @I_vActCostTTDUserDefined1     | numeric   | 19,5   | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vActCostTTDUserDefined2    | numeric   | 19,5   | No       |         |             |
| @I_vActCostTTDUserDefined3    | numeric   | 19,5   | No       |         |             |
| @I_vActCostTTDUserDefined4    | numeric   | 19,5   | No       |         |             |
| @I_vTotalActualCost           | numeric   | 19,5   | No       |         |             |
| @I_vActLaborCostTTDMarkup     | numeric   | 19,5   | No       |         |             |
| @I_vActEquipmentCostTTDMarkup | numeric   | 19,5   | No       |         |             |
| @I_vActMaterialsCostTTDMarkup | numeric   | 19,5   | No       |         |             |
| @I_vActSubsCostTTDMarkup      | numeric   | 19,5   | No       |         |             |
| @I_vActMiscOtherCostTTDMarkup | numeric   | 19,5   | No       |         |             |
| @I_vActUserDefined1TTDMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vActUserDefined2TTDMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vActUserDefined3TTDMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vActUserDefined4TTDMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vBilledLaborCostTTDMarkup  | numeric   | 19,5   | No       |         |             |

| Element Name                          | Data Type | Length | Required | Default | Description |
|---------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBilledMaterialsCostTT<br>DMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vBilledEquipmentCost<br>TTDMarkup  | numeric   | 19,5   | No       |         |             |
| @I_vBilledSubsCostTTDMA<br>rkup       | numeric   | 19,5   | No       |         |             |
| @I_vBilledMiscOtherCostT<br>TDMMarkup | numeric   | 19,5   | No       |         |             |
| @I_vBilledUserDefined1TT<br>DMarkup   | numeric   | 19,5   | No       |         |             |
| @I_vBilledUserDefined2TT<br>DMarkup   | numeric   | 19,5   | No       |         |             |
| @I_vBilledUserDefined3TT<br>DMarkup   | numeric   | 19,5   | No       |         |             |
| @I_vBilledUserDefined4TT<br>DMarkup   | numeric   | 19,5   | No       |         |             |
| @I_vBilledAmountTTD                   | numeric   | 19,5   | No       |         |             |
| @I_vRetentionAmountTTD                | numeric   | 19,5   | No       |         |             |
| @I_vRetentionBilledTTD                | numeric   | 19,5   | No       |         |             |
| @I_vNetBilledTTD                      | numeric   | 19,5   | No       |         |             |
| @I_vCashReceivedTTD                   | numeric   | 19,5   | No       |         |             |
| @I_vBilledYTD                         | numeric   | 19,5   | No       |         |             |
| @I_vRetentionAmountYTD                | numeric   | 19,5   | No       |         |             |
| @I_vRetentionBilledYTD                | numeric   | 19,5   | No       |         |             |

| Element Name                    | Data Type | Length | Required | Default | Description |
|---------------------------------|-----------|--------|----------|---------|-------------|
| @I_vMiscTaxAmount               | numeric   | 19,5   | No       |         |             |
| @I_vTaxAmount                   | numeric   | 19,5   | No       |         |             |
| @I_vDiscountAmount              | numeric   | 19,5   | No       |         |             |
| @I_vWriteOffAmount              | numeric   | 19,5   | No       |         |             |
| @I_vNetBilledYTD                | numeric   | 19,5   | No       |         |             |
| @I_vCashReceivedYTD             | numeric   | 19,5   | No       |         |             |
| @I_vLastBillingDate             | datetime  |        | No       |         |             |
| @I_vExpectedContract            | numeric   | 19,5   | No       |         |             |
| @I_vOriginatingExpectedContract | numeric   | 19,5   | No       |         |             |
| @I_vCurrencyID                  | char      | 15     | No       |         |             |
| @I_vCurrencyIndex               | smallint  | 5      | No       |         |             |
| @I_vExchangeRate                | numeric   | 19,7   | No       |         |             |
| @I_vExchangeDate                | datetime  |        | No       |         |             |
| @I_vTime                        | datetime  |        | No       |         |             |
| @I_vRateTypeID                  | char      | 15     | No       |         |             |
| @I_vExchangeTableID             | char      | 15     | No       |         |             |
| @I_vActLaborCostYTD             | numeric   | 19,5   | No       |         |             |
| @I_vActMaterialsCostYTD         | numeric   | 19,5   | No       |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vActEquipmentCostYTD      | numeric   | 19,5   | No       |         |             |
| @I_vActSubsCostYTD           | numeric   | 19,5   | No       |         |             |
| @I_vActMiscOtherYTD          | numeric   | 19,5   | No       |         |             |
| @I_vActCostYTDUserDefined1   | numeric   | 19,5   | No       |         |             |
| @I_vActCostYTDUserDefined2   | numeric   | 19,5   | No       |         |             |
| @I_vActCostYTDUserDefined3   | numeric   | 19,5   | No       |         |             |
| @I_vActCostYTDUserDefined4   | numeric   | 19,5   | No       |         |             |
| @I_vTaxExemptNumber          | char      | 15     | No       |         |             |
| @I_vTaxScheduleID            | char      | 15     | Yes      |         |             |
| @I_vCommittedEquipmentTTD    | numeric   | 19,5   | No       |         |             |
| @I_vCommittedMaterialsTTD    | numeric   | 19,5   | No       |         |             |
| @I_vCommittedLaborTTD        | numeric   | 19,5   | No       |         |             |
| @I_vCommittedSubsTTD         | numeric   | 19,5   | No       |         |             |
| @I_vCommittedMiscOtherTTD    | numeric   | 19,5   | No       |         |             |
| @I_vCommittedTTDUserDefined1 | numeric   | 19,5   | No       |         |             |



| Element Name                     | Data Type | Length | Required | Default | Description |
|----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vCommittedTTDUserDefined2     | numeric   | 19,5   | No       |         |             |
| @I_vCommittedTTDUserDefined3     | numeric   | 19,5   | No       |         |             |
| @I_vCommittedTTDUserDefined4     | numeric   | 19,5   | No       |         |             |
| @I_vCommittedCost                | numeric   | 19,5   | No       |         |             |
| @I_vForecastedEquipmentTTD       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedLaborTTD           | numeric   | 19,5   | No       |         |             |
| @I_vForecastedMaterialsTTD       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedMiscOtherTTD       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedSubsTTD            | numeric   | 19,5   | No       |         |             |
| @I_vForecastedUserDefined1       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedUserDefined2       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedUserDefined3       | numeric   | 19,5   | No       |         |             |
| @I_vForecastedUserDefined4       | numeric   | 19,5   | No       |         |             |
| @I_vTotalForecastedCost          | numeric   | 19,5   | No       |         |             |
| @I_vRevsdEquipmentForecastedCost | numeric   | 19,5   | No       |         |             |

| Element Name                     | Data Type | Length | Required | Default | Description |
|----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vRevsdLaborForecastedCost     | numeric   | 19,5   | No       |         |             |
| @I_vRevsdMaterialsForecastedCost | numeric   | 19,5   | No       |         |             |
| @I_vRevsdSubsForecastedCost      | numeric   | 19,5   | No       |         |             |
| @I_vRevsdMiscOtherForecastedCost | numeric   | 19,5   | No       |         |             |
| @I_vRevsdForecastedUserDefined1  | numeric   | 19,5   | No       |         |             |
| @I_vRevsdForecastedUserDefined2  | numeric   | 19,5   | No       |         |             |
| @I_vRevsdForecastedUserDefined3  | numeric   | 19,5   | No       |         |             |
| @I_vRevsdForecastedUserDefined4  | numeric   | 19,5   | No       |         |             |
| @I_vTotalRevsdForecastCost       | numeric   | 19,5   | No       |         |             |
| @I_vEstLaborUnitsTTD             | numeric   | 19,5   | No       |         |             |
| @I_vActLaborUnitsTTD             | numeric   | 19,5   | No       |         |             |
| @I_vAnticipatedMarkup            | numeric   | 19,5   | No       |         |             |
| @I_vSutaState                    | char      | 3      | No       |         |             |
| @I_vLocalTax                     | char      | 7      | No       |         |             |
| @I_vCertifiedPayroll             | tinyint   | 3      | No       |         |             |
| @I_vRateClass                    | char      | 15     | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vExcludefromPOCCalculation | tinyint   | 3      | No       |         |             |
| @I_vWSMarkupPercent           | int       | 10     | No       |         |             |
| @I_vRevsdForecastLaborUnits   | numeric   | 19,5   | No       |         |             |
| @I_vTotalActualCostMarkup     | numeric   | 19,5   | No       |         |             |
| @I_vUserDefine1               | char      | 31     | No       |         |             |
| @I_vUserDefine2               | char      | 31     | No       |         |             |
| @I_vUserDefined1              | char      | 21     | No       |         |             |
| @I_vUserDefined2              | char      | 21     | No       |         |             |
| @I_vUserDefinedInteger1       | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger2       | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger3       | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger4       | int       | 10     | No       |         |             |
| @I_vUserDefinedDollar1        | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar2        | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar3        | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar4        | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDate1          | datetime  |        | No       |         |             |
| @I_vUserDefinedDate2          | datetime  |        | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSUserDefinedDate3 | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate4 | datetime  |        | No       |         |             |
| @I_vUserDefinedCB1     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB2     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB3     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB4     | tinyint   | 3      | No       |         |             |
| @I_vWennsoftAffiliate  | char      | 15     | No       |         |             |
| @I_vWennsoftBranch     | char      | 15     | No       |         |             |
| @I_vWennsoftRegion     | char      | 15     | No       |         |             |
| @I_vSVLanguageID       | smallint  | 5      | No       |         |             |
| @I_vTimeZone           | char      | 3      | No       |         |             |
| @I_vTechnicianID       | char      | 15     | No       |         |             |
| @I_vTechnicianTeam     | char      | 15     | No       |         |             |
| @I_vWSInactive         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB1      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB4      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5      | tinyint   | 3      | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB6      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB7      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB8      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB9      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB10     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1     | char      | 11     | No       |         |             |
| @I_vWSReservedSTR2     | char      | 11     | No       |         |             |
| @I_vCreateDate         | datetime  |        | No       |         |             |
| @I_vCreatedUserID      | char      | 15     | No       |         |             |
| @I_vReimbursable       | tinyint   | 3      | No       |         |             |
| @I_vJobCustomerID      | char      | 15     | No       |         |             |
| @I_vUseTaxSchedule     | char      | 15     | No       |         |             |
| @I_vStateCode          | char      | 3      | No       |         |             |
| @I_vInvoiceStyle       | smallint  | 5      | No       |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       |         |             |
| @I_vUSRDEFND2          | char      | 50     | No       |         |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND3       | char      | 50     | No       |         |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## Error Codes

| Error Code | Description                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 51123      | Password setup for View Job Maintenance                                                                                           |
| 51125      | Cannot import the job because the job is closed.                                                                                  |
| 51124      | Password set up for Edit Original Contract.                                                                                       |
| 51234      | Enter a Job Number                                                                                                                |
| 51231      | Import updates to an existing Job with a Billing Type of Project Allocated Revenue, are not supported.                            |
| 51127      | You cannot change the billing type because invoices have been posted for this job.                                                |
| 51128      | Unposted SOP documents exist for this job. Delete all SOP document for this job before changing the billing type.                 |
| 51129      | Unposted Job Cost invoices exist for this job. Delete all Job Cost invoices for this job before changing the billing type to SOP. |
| 51130      | There are committed costs for this job. You cannot change the billing type.                                                       |

| Error Code | Description                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------|
| 51126      | Cannot change division because posted cost exists.                                                            |
| 51132      | There are invoices for this job. You cannot change the division.                                              |
| 51140      | Unposted SOP documents exist for this job. You cannot change the division.                                    |
| 51131      | There are committed costs for this job. You cannot change the division.                                       |
| 51133      | No division accounts are set up for this division. You cannot change the division.                            |
| 51134      | No invoice accounts are set up for this division. You cannot change the division.                             |
| 51135      | No revenue accounts are set up for this division. You cannot change the division.                             |
| 51136      | No close job accounts are set up for this division. You cannot change the division.                           |
| 51137      | No offset accounts are set up for this division. You cannot change the division.                              |
| 51138      | No overhead detail accounts are setup for this division. You cannot change the division.                      |
| 52166      | Job Cost default Gross Pay Offset account is not setup.                                                       |
| 52179      | Cannot change field @I_vExcludefromPOCCalc with existing record(s) in the JC_Invoice_Open table for this job. |
| 52180      | Cannot change field @I_vExcludefromPOCCalc with existing Actual Total Costs for the job.                      |
| 52181      | Cannot change field @I_vExcludefromPOCCalc with Actual Labor Units TTD > 0 for the job.                       |
| 10003      | Create Date is not in a fiscal year                                                                           |
| 51234      | Project Number must be for an Active project.                                                                 |

| Error Code | Description                                                                          |
|------------|--------------------------------------------------------------------------------------|
| 52100      | The description field is blank.                                                      |
| 51111      | The division does not exist in the division setup table.                             |
| 51112      | The customer does not exist in the customer setup table.                             |
| 51113      | The address code does not exist in the customer master address table.                |
| 51114      | The billing address does not exist in the customer master address table.             |
| 51115      | The tax schedule ID does not exist in the tax schedule table.                        |
| 51116      | The project number does not exist in the project setup table.                        |
| 51117      | The estimator does not exist in the payroll master table.                            |
| 51118      | The project manager does not exist in the payroll master table.                      |
| 51119      | The SUTA State does not exist in the payroll unemployment setup table.               |
| 51120      | The local tax does not exist in the payroll local tax setup table.                   |
| 51121      | The rate class does not exist in the rate class setup table.                         |
| 51122      | Verify certified payroll on the posting setup window before import the job.          |
| 51064      | Procedure jcVerifyTRXDate failed on invalid date. Year cannot be 1900.               |
| 51065      | Procedure jcVerifyTRXDate failed. Parameter: Series, Origin, or Date cannot be null. |

## wsjJCVendorMaster

- [Table Name: JC01501 \(page 111\)](#)
- [Error Codes \(page 116\)](#)



## Table Name: JC01501

### Description:

Describe what the WSI procedure does in regards to a business goal.

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber                | char      | 17     | Yes      |         | Required    |
| @I_vWSProjectNumber            | char      | 17     | No       |         |             |
| @I_vVendorID                   | char      | 15     | Yes      |         | Required    |
| @I_vVendorName                 | char      | 65     | No       |         |             |
| @I_vLineSEQNumber              | numeric   | 19,5   | No       |         |             |
| @I_vAddressCode                | char      | 15     | No       |         | Required    |
| @I_vRetentionPct               | numeric   | 19,5   | No       |         |             |
| @I_vModRate                    | smallint  | 5      | No       |         |             |
| @I_vPostingStatus              | smallint  | 5      | No       |         |             |
| @I_vPurchaseOrderNumber        | char      | 21     | No       |         |             |
| @I_vContractDate               | datetime  |        | No       |         |             |
| @I_vVendorContractType         | smallint  | 5      | No       |         |             |
| @I_vInsuranceCertificateonFile | tinyint   | 3      | No       |         |             |
| @I_vInsuranceExpirationDate    | datetime  |        | No       |         |             |
| @I_vBonded                     | tinyint   | 3      | No       |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vRetentionWithheldTTD       | numeric   | 19,5   | No       |         |             |
| @I_vApplyDocPaidTTD            | numeric   | 19,5   | No       |         |             |
| @I_vOriginalContractAmount     | numeric   | 19,5   | No       |         |             |
| @I_vChangeOrdersTTD            | numeric   | 19,5   | No       |         |             |
| @I_vContracttoDate             | numeric   | 19,5   | No       |         |             |
| @I_vLienWaiveronFile           | tinyint   | 3      | No       |         |             |
| @I_vSubmittals                 | tinyint   | 3      | No       |         |             |
| @I_vVendorInvoicesTTD          | numeric   | 19,5   | No       |         |             |
| @I_vActualUnitsTTD             | numeric   | 19,5   | No       |         |             |
| @I_vSubmitDate                 | datetime  |        | No       |         |             |
| @I_vResubmitDate               | datetime  |        | No       |         |             |
| @I_vApprovedDate               | datetime  |        | No       |         |             |
| @I_vDisapprovedDate            | datetime  |        | No       |         |             |
| @I_vHold                       | tinyint   | 3      | No       |         |             |
| @I_vWorkersComp                | char      | 7      | No       |         |             |
| @I_vMaximumRetentionPercent    | numeric   | 19,5   | No       |         |             |
| @I_vMaximumRetentionToWithhold | numeric   | 19,5   | No       |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vMaximumRetentionType    | smallint  | 5      | No       |         |             |
| @I_vJCCISVerificationNumber | char      | 15     | No       |         |             |
| @I_vJCCheckBox1             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox2             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox3             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox4             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox5             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox6             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox7             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox8             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox9             | tinyint   | 3      | No       |         |             |
| @I_vJCCheckBox10            | tinyint   | 3      | No       |         |             |
| @I_vUserID                  | char      | 15     | No       |         |             |
| @I_vUserDefine1             | char      | 31     | No       |         |             |
| @I_vUserDefine2             | char      | 31     | No       |         |             |
| @I_vUserDefine3             | char      | 31     | No       |         |             |
| @I_vUserDefine4             | char      | 31     | No       |         |             |
| @I_vUserDefine5             | char      | 31     | No       |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefine6         | char      | 31     | No       |         |             |
| @I_vUserDefined1        | char      | 21     | No       |         |             |
| @I_vUserDefined2        | char      | 21     | No       |         |             |
| @I_vUserDefinedCB1      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB2      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB3      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB4      | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedDate1    | datetime  |        | No       |         |             |
| @I_vUserDefinedDate2    | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate3  | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate4  | datetime  |        | No       |         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedInteger4 | int       | 10     | No       |         |             |
| @I_vWennsoftAffiliate   | char      | 15     | No       |         |             |
| @I_vWennsoftBranch      | char      | 15     | No       |         |             |
| @I_vWennsoftRegion      | char      | 15     | No       |         |             |
| @I_vWSReservedCB1       | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2       | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3       | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB4       | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5       | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1      | char      | 11     | No       |         |             |
| @I_vWSReservedSTR2      | char      | 11     | No       |         |             |
| @I_vDEXROWID            | int       | 10     | No       |         |             |
| @I_vUpdateIfExists      | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly  | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate        | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1           | char      | 50     | No       |         |             |
| @I_vUSRDEFND2           | char      | 50     | No       |         |             |
| @I_vUSRDEFND3           | char      | 50     | No       |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   | No       |         |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND5       | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## Error Codes

| Error Code | Description                      |
|------------|----------------------------------|
| 51202      | The job is blank.                |
| 52173      | The Vendor ID is invalid.        |
| 52189      | Address Code field is empty.     |
| 52289      | The Vendor ID is blank.          |
| 52290      | Address Code is invalid.         |
| 52291      | Vendor contract type is invalid. |

## wsJobCostInvoiceOPEN

- [Table: JC20501 \(page 116\)](#)
- [Error Codes \(page 125\)](#)

### Table: JC20501

**Description:** Creates a record in JC20501. Performs validations on input parameters and defaults in values as necessary when the user provided value is null. Stored procedures in "PROCEDURES CALLED" are used to create Dynamics GP records and update Job Cost records as necessary.

| Element Name      | Data Type | Length | Required | Default | Description |
|-------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountAmount | numeric   | 19,5   |          |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vActEquipmentCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActLaborCostTTDMarkup     | numeric   | 19,5   |          |         |             |
| @I_vActMaterialsCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActMiscOtherCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActSubsCostTTDMarkup      | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined1TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined2TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined3TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined4TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vAddressCode               | char      | 15     |          |         |             |
| @I_vAmountReceived            | numeric   | 19,5   |          |         |             |
| @I_vBatchNumber               | char      | 15     |          |         |             |
| @I_vBatchSource               | char      | 15     |          |         |             |
| @I_vBill                      | tinyint   |        |          |         |             |
| @I_vBilledAmountTTD           | numeric   | 19,5   |          |         |             |

| Element Name                     | Data Type | Length | Required | Default | Description |
|----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBilledEquipmentCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledLaborCostTTDMarkup     | numeric   | 19,5   |          |         |             |
| @I_vBilledMaterialsCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc1TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc2TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc3TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc4TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc5TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMiscOtherCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledSubsCostTTDMarkup      | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined1TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined2TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined3TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined4TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vCashAmount                   | numeric   | 19,5   |          |         |             |



| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vCashRemainingAmount      | numeric   | 19,5   |          |         |             |
| @I_vChangedSincePrintingFlag | tinyint   |        |          |         |             |
| @I_vCommentID                | char      | 15     |          |         |             |
| @I_vCommissionEarnings       | numeric   | 19,5   |          |         |             |
| @I_vCommissionPercent        | smallint  |        |          |         |             |
| @I_vCurrencyID               | char      | 15     |          |         |             |
| @I_vCurrentBillEquipment     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillLabor         | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillMaterials     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillMiscOther     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillSubs          | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined1  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined2  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined3  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined4  | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueEquipment      | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueLabor          | numeric   | 19,5   |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vCurrentDueMaterials    | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueMiscOther    | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueSubs         | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined1 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined2 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined3 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined4 | numeric   | 19,5   |          |         |             |
| @I_vCustomerNumber         | char      | 15     |          |         |             |
| @I_vCustomerPONumber       | char      | 21     |          |         |             |
| @I_vDatePaid               | datetime  |        |          |         |             |
| @I_vDiscountDate           | datetime  |        |          |         |             |
| @I_vDocumentAmount         | numeric   | 19,5   |          |         |             |
| @I_vDocumentDate           | datetime  |        |          |         |             |
| @I_vDocumentNumber         | char      | 21     |          |         |             |
| @I_vDocumentType           | smallint  |        |          |         |             |
| @I_vDueDate                | datetime  |        |          |         |             |
| @I_vDynamicsStatus         | char      | 5      |          |         |             |
| @I_vFreightTaxAmount       | numeric   | 19,5   |          |         |             |

| Element Name                       | Data Type | Length | Required | Default | Description |
|------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vGLPostingDate                  | datetime  |        |          |         |             |
| @I_vInvoiceDescription             | text      |        |          |         |             |
| @I_vInvoiceStyle                   | smallint  |        |          |         |             |
| @I_vMiscTaxAmount                  | numeric   | 19,5   |          |         |             |
| @I_vNoTimesPrinted                 | smallint  |        |          |         |             |
| @I_vOnlyValidate                   | tinyint   |        |          |         |             |
| @I_vOriginatingBilledAmountTTD     | numeric   | 19,5   |          |         |             |
| @I_vOriginatingDocumentAmount      | numeric   | 19,5   |          |         |             |
| @I_vOriginatingMiscTaxAmount       | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionAmountTTD  | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionBilledTTD  | numeric   | 19,5   |          |         |             |
| @I_vOriginatingSubtotal            | numeric   | 19,5   |          |         |             |
| @I_vOriginatingTaxAmount           | numeric   | 19,5   |          |         |             |
| @I_vOriginatingTradeDiscountAmount | numeric   | 19,5   |          |         |             |
| @I_vPaymentTermsID                 | char      | 21     |          |         |             |
| @I_vPostDate                       | datetime  |        |          |         |             |
| @I_vPostingStatus                  | smallint  |        |          |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vPostUserID               | char      | 15     |          |         |             |
| @I_vPrintedDate              | datetime  |        |          |         |             |
| @I_vReimbursable             | tinyint   |        |          |         |             |
| @I_vRetentionAmountTTD       | numeric   | 19,5   |          |         |             |
| @I_vRetentionBilledTTD       | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText          | tinyint   |        |          |         |             |
| @I_vRMDocumentNumber<br>WORK | char      | 17     |          |         |             |
| @I_vRMDocumentTypeAll        | smallint  |        |          |         |             |
| @I_vSalespersonID            | char      | 15     |          |         |             |
| @I_vSalesTerritory           | char      | 15     |          |         |             |
| @I_vSubtotal                 | numeric   | 19,5   |          |         |             |
| @I_vSVLanguageID             | smallint  |        |          |         |             |
| @I_vTaxAmount                | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount1               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount2               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount3               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount4               | numeric   | 19,5   |          |         |             |
| @I_vTaxDate                  | datetime  |        |          |         |             |
| @I_vTaxDetailID              | char      | 15     |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vTaxDetailID1        | char      | 15     |          |         |             |
| @I_vTaxDetailID2        | char      | 15     |          |         |             |
| @I_vTaxDetailID3        | char      | 15     |          |         |             |
| @I_vTaxDetailID4        | char      | 15     |          |         |             |
| @I_vTaxScheduleID       | char      | 15     |          |         |             |
| @I_vTimeZone            | char      | 3      |          |         |             |
| @I_vTradeDiscountAmount | numeric   | 19,5   |          |         |             |
| @I_vTRXSource           | char      | 13     |          |         |             |
| @I_vUpdateIfExists      | tinyint   |        |          |         |             |
| @I_vUserDefine1         | char      | 31     |          |         |             |
| @I_vUserDefine2         | char      | 31     |          |         |             |
| @I_vUserDefined1        | char      | 21     |          |         |             |
| @I_vUserDefined2        | char      | 21     |          |         |             |
| @I_vUserDefinedCB1      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4      | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedDollar1  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1 | int       |        |          |         |             |
| @I_vUserDefinedInteger2 | int       |        |          |         |             |
| @I_vUserDefinedInteger3 | int       |        |          |         |             |
| @I_vUserDefinedInteger4 | int       |        |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5           | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate   | char      | 15     |          |         |             |
| @I_vWennsoftBranch      | char      | 15     |          |         |             |
| @I_vWennsoftRegion      | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly  | tinyint   |        |          |         |             |
| @I_vWSApplicationNumber | char      | 5      |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber        | char      | 17     |          |         |             |
| @I_vWSProjectNumber    | char      | 17     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1     | char      | 11     |          |         |             |
| @I_vWSReservedSTR2     | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate4 | datetime  |        |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                  |
|------------|--------------------------------------------------------------|
| 1          | The document number exists in table RM_Sales_WORK (RM10301). |
| 51017      | The Job does not exist in Signature.                         |
| 51094      | Job is inactive.                                             |
| 52279      | The project number is not assigned to the job.               |

| Error Code | Description                                                                        |
|------------|------------------------------------------------------------------------------------|
| 52322      | The batch source must be RM_Sales.                                                 |
| 52338      | The customer number does not exist.                                                |
| 52339      | The customer address does not exist.                                               |
| 52343      | The sales person does not exist.                                                   |
| 52345      | Tax detail id 1 does not exist.                                                    |
| 52346      | Tax detail id 2 does not exist.                                                    |
| 52347      | Tax detail id 3 does not exist.                                                    |
| 52348      | Tax detail id 4 does not exist.                                                    |
| 52432      | 'Tax Schedule ID does not exists in TX00101 (TX_Schedule_MSTR_HDR).'               |
| 52434      | Payment Terms ID does not exists in SY03300 (SY_Payment_Terms_MSTR).               |
| 52435      | Sales Territory does not exists in RM00303 (RM_Sales_Territory_MSTR).              |
| 52445      | The project standard billing type cannot be used for job invoices.                 |
| 52446      | The sop billing type cannot be used for job invoices.                              |
| 52447      | The project bill code billing type cannot be used for job invoices.                |
| 52448      | The project transaction level billing type cannot be used for job invoices.        |
| 52449      | The project allocated revenue billing type cannot be used for job invoices.        |
| 52450      | The project type of project standard billing can only be used on project invoices. |
| 52451      | The project type of project bill code can only be used on project invoices.        |
| 52452      | The project type of cost plus billing can only be used on project invoices.        |



| Error Code | Description                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| 52453      | The project type of project allocated revenue can only be used on project invoices.                                      |
| 52454      | The parameter @I_vRMDocumentNumberWORK exists in table JC_Invoice_WORK (JC10501).                                        |
| 52455      | The parameter @I_vRMDocumentNumberWORK exists in table JC_Invoice_OPEN (JC20501).                                        |
| 52456      | The parameter @I_vRMDocumentNumberWORK exists in table JC_Invoice_HIST (JC30501).                                        |
| 52457      | The parameter @I_vWSApplicationNumber (WS Application Number) exists for the job in table JC_Invoice_WORK (JC10501).     |
| 52458      | The parameter @I_vWSApplicationNumber (WS Application Number) exists for the job in table JC_Invoice_OPEN (JC20501).     |
| 52459      | The parameter @I_vWSApplicationNumber (WS Application Number) exists for the job in table JC_Invoice_HIST (JC30501).     |
| 52460      | Parameter @I_vBilledAmountTTD is not equal to the sum of the current bill amounts.                                       |
| 52461      | Parameter @I_vBilledAmountTTD is not equal to the @I_vSubtotal minus @I_vRetentionBilledTTD plus @I_vRetentionAmountTTD. |
| 52464      | The @I_vBilledAmountTTD is not equal to the sum of the current bill amounts.                                             |
| 52465      | @I_vCurrentBillLabor exceeds @I_vCurrentDueLabor.                                                                        |
| 52466      | @I_vCurrentBillMaterials exceeds @I_vCurrentDueMaterials.                                                                |
| 52467      | @I_vCurrentBillEquipment exceeds @I_vCurrentDueEquipment.                                                                |
| 52468      | @I_vCurrentBillSubs exceeds @I_vCurrentDueSubs.                                                                          |
| 52469      | @I_vCurrentBillMiscOther exceeds @I_vCurrentDueMiscOther.                                                                |

| Error Code | Description                                                                                       |
|------------|---------------------------------------------------------------------------------------------------|
| 52470      | @I_vCurrentBillUserDefined1 exceeds @I_vCurrentDueUserDefined1.                                   |
| 52471      | @I_vCurrentBillUserDefined2 exceeds @I_vCurrentDueUserDefined2.                                   |
| 52472      | @I_vCurrentBillUserDefined3 exceeds @I_vCurrentDueUserDefined3.                                   |
| 52473      | @I_vCurrentBillUserDefined4 exceeds @I_vCurrentDueUserDefined4.                                   |
| 52474      | Error updating record in table JC_Invoice_OPEN (JC20501).                                         |
| 52475      | Error inserting record in table JC_Invoice_OPEN (JC20501).                                        |
| 52476      | Parameter @I_vRetentionBilledTTD (Retention Due) exceeds the retention withheld on the job.       |
| 52477      | The net billing plus the current document amount exceeds the expected contract on the job.        |
| 52559      | 'Parameter @I_vDocumentNumber must equal parameter @I_vRMDocumentNumberWORK.'                     |
| 52561      | Parameter @I_vRMDocumentTypeAll must be 1 (Invoice) or 7 (Credit Memo).                           |
| 52562      | Parameter @I_vDocumentType must be 1 (invoice) or 2 (credit memo).                                |
| 52563      | Parameter @I_vAccountAmount does not equal parameter @I_vDocumentAmount.                          |
| 52564      | (@I_vFreightTaxAmount + @I_vMiscTaxAmount + @I_vTaxAmount) <> (@I_vDocumentAmount - @I_vSubtotal) |
| 52565      | Currency ID does not exist in table DYNAMICS..MC40200 (MC_Currency_Setup).                        |
| 52566      | Parameter @I_vOriginatingTaxAmount is not equal to parameter @I_vTaxAmount.                       |
| 52567      | Parameter @I_vOriginatingDocumentAmount does not equal parameter @I_vDocumentAmount.              |

| Error Code | Description                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------|
| 52572      | Parameter @I_vRMDocumentNumberWORK is empty and must contain a value.                                                        |
| 52573      | 'Parameter @I_vTRXSource must contain a non-empty string value.'                                                             |
| 52574      | 'Parameter @I_vDynamicsStatus must contain the string value P.'                                                              |
| 52575      | Parameter @I_vBatchNumber must contain a non-empty string value.                                                             |
| 52576      | Parameter @I_vTRXSource does not equal the transaction source assigned to the invoice in receivables management.             |
| 52577      | Parameter @I_vBatchNumber does not equal the batch number assigned to the invoice in receivables management.                 |
| 52578      | Parameter @I_vBatchSource does not equal the batch source assigned to the invoice in receivables management.                 |
| 52579      | Parameter @I_vAccountAmount does not equal the current transaction amount assigned to the invoice in receivables management. |
| 52580      | Parameter @I_vPaymentTermsID does not equal the current payment terms id assigned to the invoice in receivables management.  |
| 52581      | Parameter @I_vPaymentTermsID must be a non-empty string value.                                                               |
| 52582      | Parameter @I_vTaxScheduleID does not equal the current tax schedule id assigned to the invoice in receivables management.    |
| 52583      | Parameter @I_vCashAmount does not equal the current cash amount assigned to the invoice in receivables management.           |
| 52584      | Parameter @I_vDocumentDate does not equal the current document date assigned to the invoice in receivables management.       |
| 52585      | Parameter @I_vDocumentDate must contain a non-empty date value.                                                              |
| 52587      | Parameter @I_vPostUserID does not equal the current post user id assigned to the invoice in receivables management.          |

| Error Code | Description                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 52588      | Parameter @I_vGLPostingDate does not equal the current GL posting date assigned to the invoice in receivables management.                   |
| 52589      | Parameter @I_vCustomerNumber does not equal the current customer number assigned to the invoice in receivables management.                  |
| 52590      | Parameter @I_vCustomerNumber must contain a non-empty string value.                                                                         |
| 52591      | The @I_vAddressCode must contain a non-empty string value.                                                                                  |
| 52592      | Parameter @I_vAddressCode does not equal the current address code assigned to the invoice in receivables management.                        |
| 52593      | Parameter @I_vSalespersonID does not equal the current sales person assigned to the invoice in receivables management.                      |
| 52594      | Parameter @I_vSalesTerritory does not equal the current sales territory assigned to the invoice in receivables management.                  |
| 52595      | Parameter @I_vSalesTerritory contains a value but @I_vSalesPersonID is empty.                                                               |
| 52596      | Parameter @I_vCustomerPONumber does not equal the current customer purchase order number assigned to the invoice in receivables management. |
| 52597      | Parameter @I_vTradeDiscountAmount does not equal the current trade discount amount assigned to the invoice in receivables management.       |
| 52598      | Parameter @I_vDiscountDate does not equal the current trade discount date assigned to the invoice in receivables management.                |
| 52599      | Parameter @I_vDueDate does not equal the current due date assigned to the invoice in receivables management.                                |
| 52600      | Parameter @I_vFreightTaxAmount does not equal the current freight tax amount assigned to the invoice in receivables management.             |
| 52601      | Parameter @I_vMiscTaxAmount does not equal the current miscellaneous tax amount assigned to the invoice in receivables management.          |

| Error Code | Description                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------|
| 52602      | Parameter @I_vTaxAmount does not equal the current tax amount assigned to the invoice in receivables management.              |
| 52603      | Parameter @I_vTaxAmount1 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.                 |
| 52604      | Parameter @I_vTaxAmount2 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.                 |
| 52605      | Parameter @I_vTaxAmount3 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.                 |
| 52606      | Parameter @I_vTaxAmount4 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.                 |
| 52607      | Parameter @I_vTaxDetailID1 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.               |
| 52608      | Parameter @I_vTaxDetailID2 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.               |
| 52609      | Parameter @I_vTaxDetailID3 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.               |
| 52610      | Parameter @I_vTaxDetailID4 does not equal the current tax amount assigned to the invoice in RM10301 or RM30601.               |
| 52611      | Parameter @I_vDocumentAmount does not equal the current transaction amount assigned to the invoice in receivables management. |
| 52612      | Parameter @I_vSubtotal does not equal the current sales amount assigned to the invoice in receivables management.             |
| 52613      | Parameter @I_vCurrencyID does not equal the current currency id assigned to the invoice in receivables management.            |
| 52614      | Parameter @I_vPostDate does not equal the current post date assigned to the invoice in receivables management.                |

## wsJobCostInvoiceScheduleOPEN

- [Table: JC20503 \(page 132\)](#)
- [Error Codes \(page 136\)](#)

**Table: JC20503**

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndex            | int       |        |          |         |             |
| @I_vBatchNumber             | char      | 15     |          |         |             |
| @I_vBatchSource             | char      | 15     |          |         |             |
| @I_vBillCodeNumber          | char      | 27     |          |         |             |
| @I_vBilledAmount            | numeric   | 19,5   |          |         |             |
| @I_vBillPct                 | smallint  |        |          |         |             |
| @I_vCommentID               | char      | 15     |          |         |             |
| @I_vCostElement             | smallint  |        |          |         |             |
| @I_vCurrentBill             | numeric   | 19,5   |          |         |             |
| @I_vCurrentDue              | numeric   | 19,5   |          |         |             |
| @I_vLineSEQNumber           | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate            | tinyint   |        |          |         |             |
| @I_vOriginatingBilledAmount | numeric   | 19,5   |          |         |             |
| @I_vOriginatingCurrentBill  | numeric   | 19,5   |          |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vOriginatingCurrentDue      | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionAmount | numeric   | 19,5   |          |         |             |
| @I_vOriginatingScheduleValue   | numeric   | 19,5   |          |         |             |
| @I_vOriginatingWorkInPlace     | numeric   | 19,5   |          |         |             |
| @I_vRetentionAmount            | numeric   | 19,5   |          |         |             |
| @I_vRetentionBilled            | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText            | tinyint   |        |          |         |             |
| @I_vRMDocumentNumberWORK       | char      | 17     |          |         |             |
| @I_vRMDocumentTypeAll          | smallint  |        |          |         |             |
| @I_vScheduleValue              | numeric   | 19,5   |          |         |             |
| @I_vStoredMaterials            | numeric   | 19,5   |          |         |             |
| @I_vSVLanguageID               | smallint  |        |          |         |             |
| @I_vTimeZone                   | char      | 3      |          |         |             |
| @I_vUnitsBillable              | numeric   | 19,5   |          |         |             |
| @I_vUnitsBilledTTD             | numeric   | 19,5   |          |         |             |
| @I_vUnitsBillingRate           | numeric   | 19,5   |          |         |             |
| @I_vUpdateIfExists             | tinyint   |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefine1         | char      | 31     |          |         |             |
| @I_vUserDefine2         | char      | 31     |          |         |             |
| @I_vUserDefined1        | char      | 21     |          |         |             |
| @I_vUserDefined2        | char      | 21     |          |         |             |
| @I_vUserDefinedCB1      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4      | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1 | int       |        |          |         |             |
| @I_vUserDefinedInteger2 | int       |        |          |         |             |
| @I_vUserDefinedInteger3 | int       |        |          |         |             |
| @I_vUserDefinedInteger4 | int       |        |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |



| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND1          | char      | 50     |          |         |             |
| @I_vUSRDEFND2          | char      | 50     |          |         |             |
| @I_vUSRDEFND3          | char      | 50     |          |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate  | char      | 15     |          |         |             |
| @I_vWennsoftBranch     | char      | 15     |          |         |             |
| @I_vWennsoftRegion     | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWorkInPlace        | numeric   | 19,5   |          |         |             |
| @I_vWSJobNumber        | char      | 17     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedCB6      | tinyint   |        |          |         |             |
| @I_vWSReservedCB7      | tinyint   |        |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB8          | tinyint   |        |          |         |             |
| @I_vWSReservedCB9          | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1         | char      | 11     |          |         |             |
| @I_vWSReservedSTR2         | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate<br>3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate<br>4 | datetime  |        |          |         |             |
| @O_iErrorState             | int       |        |          |         |             |
| @oErrString                | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                             |
|------------|-------------------------------------------------------------------------|
| 51013      | The Job Number parameter is missing or blank.                           |
| 51017      | The Job does not exist in Signature.                                    |
| 51089      | The Cost Element must be in the range of 1 to 9.                        |
| 51094      | Job is inactive.                                                        |
| 52322      | The batch source must be RM_Sales.                                      |
| 52484      | The bill code number parameter is missing or blank.                     |
| 52561      | Parameter @I_vRMDocumentTypeAll must be 1 (Invoice) or 7 (Credit Memo). |
| 52572      | Parameter @I_vRMDocumentNumberWORK is empty and must contain a value.   |

| Error Code | Description                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52575      | Parameter @I_vBatchNumber must contain a non-empty string value.                                                                                                             |
| 52615      | An invoice does not exist in table JC_Invoice_OPEN (JC20501).                                                                                                                |
| 52615      | An invoice does not exist in table JC_Invoice_OPEN (JC20501).                                                                                                                |
| 52616      | A credit memo does not exist in table JC_Invoice_OPEN (JC20501).                                                                                                             |
| 52617      | The job billing type must be 2 (User Defined) or 3 (Cost Code) to import into table JC_Invoice_Schedule_OPEN (JC20503).                                                      |
| 52618      | The bill code number does not exist in table JC_Billing_Codes_MSTR (JC00601).                                                                                                |
| 52619      | The line sequence number must be a multiple of 16384.                                                                                                                        |
| 52620      | The line sequence number is already used in table JC_Invoice_Schedule_OPEN (JC20503) for the job and document number.                                                        |
| 52621      | Parameter @I_vScheduleValue does not equal the total billable amount in table JC_Billing_Codes_MSTR (JC00601).                                                               |
| 52622      | Parameter @I_vBilledAmount does not equal the bill amount in table JC_Billing_Codes_MSTR (JC00601).                                                                          |
| 52623      | Parameter @I_vCurrentDue does not equal the total billable amount minus the billed amount total to date in table JC_Billing_Codes_MSTR (JC00601).                            |
| 52624      | Document does not exist in table JC_Invoice_OPEN (JC20501).                                                                                                                  |
| 52625      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable labor amount in table JC_Invoice_OPEN (JC20501).     |
| 52626      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable materials amount in table JC_Invoice_OPEN (JC20501). |
| 52627      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable equipment amount in table JC_Invoice_OPEN (JC20501). |

| Error Code | Description                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52628      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable subcontractor amount in table JC_Invoice_OPEN (JC20501).            |
| 52629      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable miscellaneous amount in table JC_Invoice_OPEN (JC20501).            |
| 52630      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable user defined 1 amount in table JC_Invoice_OPEN (JC20501).           |
| 52631      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable user defined 2 amount in table JC_Invoice_OPEN (JC20501).           |
| 52632      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable user defined 3 amount in table JC_Invoice_OPEN (JC20501).           |
| 52633      | Parameter @I_vCurrentBill plus current billing in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the current billable user defined 4 amount in table JC_Invoice_OPEN (JC20501).           |
| 52634      | Parameters @I_vWorkInPlace plus @I_vStoredMaterials must equal @I_vCurrentBill.                                                                                                             |
| 52635      | Parameter @I_vRetentionAmount plus the sum of retention withheld in table JC_Invoice_Schedule_OPEN (JC20503) exceeds the retention amount total to date in table JC_Invoice_OPEN (JC20501). |
| 52636      | 'Error updating record in table JC_Invoice_Schedule_OPEN (JC20503).'                                                                                                                        |
| 52637      | 'Error inserting record in table JC_Invoice_Schedule_OPEN (JC20503).'                                                                                                                       |

## wsJobInvoiceUpdateJCJobMSTRRecord

| Element Name      | Data Type | Length | Required | Default | Description |
|-------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountAmount | numeric   | 19,5   |          |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vActEquipmentCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActLaborCostTTDMarkup     | numeric   | 19,5   |          |         |             |
| @I_vActMaterialsCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActMiscOtherCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vActSubsCostTTDMarkup      | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined1TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined2TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined3TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vActUserDefined4TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vAddressCode               | char      | 15     |          |         |             |
| @I_vAmountReceived            | numeric   | 19,5   |          |         |             |
| @I_vBatchNumber               | char      | 15     |          |         |             |
| @I_vBatchSource               | char      | 15     |          |         |             |
| @I_vBill                      | tinyint   |        |          |         |             |
| @I_vBilledAmountTTD           | numeric   | 19,5   |          |         |             |

| Element Name                     | Data Type | Length | Required | Default | Description |
|----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBilledEquipmentCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledLaborCostTTDMarkup     | numeric   | 19,5   |          |         |             |
| @I_vBilledMaterialsCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc1TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc2TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc3TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc4TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMisc5TTD               | numeric   | 19,5   |          |         |             |
| @I_vBilledMiscOtherCostTTDMarkup | numeric   | 19,5   |          |         |             |
| @I_vBilledSubsCostTTDMarkup      | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined1TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined2TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined3TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vBilledUserDefined4TTDMarkup  | numeric   | 19,5   |          |         |             |
| @I_vCashAmount                   | numeric   | 19,5   |          |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vCashRemainingAmount      | numeric   | 19,5   |          |         |             |
| @I_vChangedSincePrintingFlag | tinyint   |        |          |         |             |
| @I_vCommentID                | char      | 15     |          |         |             |
| @I_vCommissionEarnings       | numeric   | 19,5   |          |         |             |
| @I_vCommissionPercent        | smallint  |        |          |         |             |
| @I_vCurrencyID               | char      | 15     |          |         |             |
| @I_vCurrentBillEquipment     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillLabor         | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillMaterials     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillMiscOther     | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillSubs          | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined1  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined2  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined3  | numeric   | 19,5   |          |         |             |
| @I_vCurrentBillUserDefined4  | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueEquipment      | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueLabor          | numeric   | 19,5   |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vCurrentDueMaterials    | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueMiscOther    | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueSubs         | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined1 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined2 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined3 | numeric   | 19,5   |          |         |             |
| @I_vCurrentDueUserDefined4 | numeric   | 19,5   |          |         |             |
| @I_vCustomerNumber         | char      | 15     |          |         |             |
| @I_vCustomerPONumber       | char      | 21     |          |         |             |
| @I_vDatePaid               | datetime  |        |          |         |             |
| @I_vDiscountDate           | datetime  |        |          |         |             |
| @I_vDocumentAmount         | numeric   | 19,5   |          |         |             |
| @I_vDocumentDate           | datetime  |        |          |         |             |
| @I_vDocumentNumber         | char      | 21     |          |         |             |
| @I_vDocumentType           | smallint  |        |          |         |             |
| @I_vDueDate                | datetime  |        |          |         |             |
| @I_vDynamicsStatus         | char      | 5      |          |         |             |
| @I_vFreightTaxAmount       | numeric   | 19,5   |          |         |             |



| Element Name                       | Data Type | Length | Required | Default | Description |
|------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vGLPostingDate                  | datetime  |        |          |         |             |
| @I_vInvoiceDescription             | text      |        |          |         |             |
| @I_vInvoiceStyle                   | smallint  |        |          |         |             |
| @I_vMiscTaxAmount                  | numeric   | 19,5   |          |         |             |
| @I_vNoTimesPrinted                 | smallint  |        |          |         |             |
| @I_vOnlyValidate                   | tinyint   |        |          |         |             |
| @I_vOriginatingBilledAmountTTD     | numeric   | 19,5   |          |         |             |
| @I_vOriginatingDocumentAmount      | numeric   | 19,5   |          |         |             |
| @I_vOriginatingMiscTaxAmount       | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionAmountTTD  | numeric   | 19,5   |          |         |             |
| @I_vOriginatingRetentionBilledTTD  | numeric   | 19,5   |          |         |             |
| @I_vOriginatingSubtotal            | numeric   | 19,5   |          |         |             |
| @I_vOriginatingTaxAmount           | numeric   | 19,5   |          |         |             |
| @I_vOriginatingTradeDiscountAmount | numeric   | 19,5   |          |         |             |
| @I_vPaymentTermsID                 | char      | 21     |          |         |             |
| @I_vPostDate                       | datetime  |        |          |         |             |
| @I_vPostingStatus                  | smallint  |        |          |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vPostUserID               | char      | 15     |          |         |             |
| @I_vPrintedDate              | datetime  |        |          |         |             |
| @I_vReimbursable             | tinyint   |        |          |         |             |
| @I_vRetentionAmountTTD       | numeric   | 19,5   |          |         |             |
| @I_vRetentionBilledTTD       | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText          | tinyint   |        |          |         |             |
| @I_vRMDocumentNumber<br>WORK | char      | 17     |          |         |             |
| @I_vRMDocumentTypeAll        | smallint  |        |          |         |             |
| @I_vSalespersonID            | char      | 15     |          |         |             |
| @I_vSalesTerritory           | char      | 15     |          |         |             |
| @I_vSubtotal                 | numeric   | 19,5   |          |         |             |
| @I_vSVLanguageID             | smallint  |        |          |         |             |
| @I_vTaxAmount                | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount1               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount2               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount3               | numeric   | 19,5   |          |         |             |
| @I_vTaxAmount4               | numeric   | 19,5   |          |         |             |
| @I_vTaxDate                  | datetime  |        |          |         |             |
| @I_vTaxDetailID              | char      | 15     |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vTaxDetailID1        | char      | 15     |          |         |             |
| @I_vTaxDetailID2        | char      | 15     |          |         |             |
| @I_vTaxDetailID3        | char      | 15     |          |         |             |
| @I_vTaxDetailID4        | char      | 15     |          |         |             |
| @I_vTaxScheduleID       | char      | 15     |          |         |             |
| @I_vTimeZone            | char      | 3      |          |         |             |
| @I_vTradeDiscountAmount | numeric   | 19,5   |          |         |             |
| @I_vTRXSource           | char      | 13     |          |         |             |
| @I_vUpdateIfExists      | tinyint   |        |          |         |             |
| @I_vUserDefine1         | char      | 31     |          |         |             |
| @I_vUserDefine2         | char      | 31     |          |         |             |
| @I_vUserDefined1        | char      | 21     |          |         |             |
| @I_vUserDefined2        | char      | 21     |          |         |             |
| @I_vUserDefinedCB1      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB2      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB3      | tinyint   |        |          |         |             |
| @I_vUserDefinedCB4      | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefinedDollar1  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedInteger1 | int       |        |          |         |             |
| @I_vUserDefinedInteger2 | int       |        |          |         |             |
| @I_vUserDefinedInteger3 | int       |        |          |         |             |
| @I_vUserDefinedInteger4 | int       |        |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5           | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate   | char      | 15     |          |         |             |
| @I_vWennsoftBranch      | char      | 15     |          |         |             |
| @I_vWennsoftRegion      | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly  | tinyint   |        |          |         |             |
| @I_vWSApplicationNumber | char      | 5      |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber        | char      | 17     |          |         |             |
| @I_vWSProjectNumber    | char      | 17     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1     | char      | 11     |          |         |             |
| @I_vWSReservedSTR2     | char      | 11     |          |         |             |
| @I_vWSUserDefinedDate3 | datetime  |        |          |         |             |
| @I_vWSUserDefinedDate4 | datetime  |        |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## wsMobileInventoryWork

### Table Name: WS20002

**Description:**

Describe what the WSI procedure does in regards to a business goal.

| Element Name      | Data Type | Length | Required | Default | Description |
|-------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceCallID | char      | 17     | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSTransactionDate  | datetime  |        | No       |         |             |
| @I_vEquipmentID        | char      | 31     | No       |         |             |
| @I_vWSCostCode         | int       | 10     | No       |         |             |
| @I_vWSOtherCostSubCode | int       | 10     | No       |         |             |
| @I_vItemNumber         | char      | 31     | No       |         |             |
| @I_vItemDescription    | char      | 101    | No       |         |             |
| @I_vTRXQTY             | numeric   | 19,5   | No       |         |             |
| @I_vCostPerUnit        | numeric   | 19,5   | No       |         |             |
| @I_vBillableAmount     | numeric   | 19,5   | No       |         |             |
| @I_vInvoiced           | tinyint   | 3      | No       |         |             |
| @I_vUOfM               | char      | 9      | No       |         |             |
| @I_vLocationCode       | char      | 11     | No       |         |             |
| @I_veConnectErrorCode  | int       | 10     | No       |         |             |
| @I_vSerialNumber       | char      | 21     | No       |         |             |
| @I_vDEXROWID           | int       | 10     | Yes      |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND1       | char      | 50     | No       |         |             |
| @I_vUSRDEFND2       | char      | 50     | No       |         |             |
| @I_vUSRDEFND3       | char      | 50     | No       |         |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## wsimobilePurchaseOrderWork

### Table Name: WS20003

**Description:**

Describe what the WSI procedure does in regards to a business goal.

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceCallID     | char      | 17     | Yes      |         |             |
| @I_vTechnician        | char      | 11     | Yes      |         |             |
| @I_vPONumber          | char      | 17     | Yes      |         |             |
| @I_vOrd               | int       | 10     | Yes      |         |             |
| @I_vWSTransactionDate | datetime  |        | No       |         |             |
| @I_vVendorID          | char      | 15     | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vVendorName         | char      | 65     | No       |         |             |
| @I_vItemNumber         | char      | 31     | No       |         |             |
| @I_vItemDescription    | char      | 101    | No       |         |             |
| @I_vUOfM               | char      | 9      | No       |         |             |
| @I_vQTYOrdered         | numeric   | 19,5   | No       |         |             |
| @I_vUnitCost           | numeric   | 19,5   | No       |         |             |
| @I_vBillableAmount     | numeric   | 19,5   | No       |         |             |
| @I_vInvoiced           | tinyint   | 3      | No       |         |             |
| @I_vLocationCode       | char      | 11     | No       |         |             |
| @I_vWSCostCode         | int       | 10     | No       |         |             |
| @I_vProductIndicator   | smallint  | 5      | No       |         |             |
| @I_veConnectErrorCode  | int       | 10     | No       |         |             |
| @I_vDEXROWID           | int       | 10     | No       |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       |         |             |
| @I_vUSRDEFND2          | char      | 50     | No       |         |             |



| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND3       | char      | 50     | No       |         |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## wsIPMTransactionLine

### Table Name: WS10001

**Description:**

Describe what the WSI procedure does in regards to a business goal.

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSJobNumber          | char      | 17     | No       |         |             |
| @I_vJobTRXNumber         | char      | 21     | Yes      |         |             |
| @I_vLineSEQNumber"       | numeric   | 19,5   | Yes      |         |             |
| @I_vControlType          | smallint  | 5      | Yes      |         |             |
| @I_vApplyToVoucherNumber | char      | 21     | Yes      |         |             |
| @I_vProductIndicator     | smallint  | 5      | No       |         |             |
| @I_vWennsoftAffiliate    | char      | 15     | No       |         |             |
| @I_vWennsoftRegion       | char      | 15     | No       |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennsoftBranch             | char      | 15     | No       |         |             |
| @I_vWSProjectNumber            | char      | 17     | No       |         |             |
| @I_vWSCostCodeNumber<br>1      | char      | 7      | No       |         |             |
| @I_vWSCostCodeNumber<br>2      | char      | 7      | No       |         |             |
| @I_vWSCostCodeNumber<br>3      | char      | 7      | No       |         |             |
| @I_vWSCostCodeNumber<br>4      | char      | 7      | No       |         |             |
| @I_vCostElement                | smallint  | 5      | No       |         |             |
| @I_vWSCostCode                 | int       | 10     | No       |         |             |
| @I_vWSOtherCostSubCo<br>de     | int       | 10     | No       |         |             |
| @I_vCostCodeDescriptio<br>n    | char      | 31     | No       |         |             |
| @I_vCustomerNumber             | char      | 15     | No       |         |             |
| @I_vAddressCode                | char      | 15     | No       |         |             |
| @I_vAccountIndex               | int       | 10     | No       |         |             |
| @I_vDistributionType           | smallint  | 5      | No       |         |             |
| @I_vDocumentNumber             | char      | 21     | No       |         |             |
| @I_vTransactionDescripti<br>on | char      | 31     | No       |         |             |
| @I_vWSCreditAmount             | numeric   | 19,5   | No       |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSDebitAmount           | numeric   | 19,5   | No       |         |             |
| @I_vWSOriginatingCredit     | numeric   | 19,5   | No       |         |             |
| @I_vWSOriginatingDebit      | numeric   | 19,5   | No       |         |             |
| @I_vCurrencyID              | char      | 15     | No       |         |             |
| @I_vCurrencyIndex           | smallint  | 5      | No       |         |             |
| @I_vProfitTypeNumber        | smallint  | 5      | No       |         |             |
| @I_vProfitAmount            | numeric   | 19,5   | No       |         |             |
| @I_vTRXQTY                  | numeric   | 19,5   | No       |         |             |
| @I_vDocumentDate            | datetime  |        | No       |         |             |
| @I_vDocumentType            | smallint  | 5      | No       |         |             |
| @I_vDocumentSource          | char      | 3      | No       |         |             |
| @I_vGLPostingDate           | datetime  |        | No       |         |             |
| @I_vDocumentAmount          | numeric   | 19,5   | No       |         |             |
| @I_vJobType                 | char      | 7      | No       |         |             |
| @I_vVendorID                | char      | 15     | No       |         |             |
| @I_vBatchNumber             | char      | 15     | No       |         |             |
| @I_vBatchSource             | char      | 15     | No       |         |             |
| @I_vPostingStatus           | smallint  | 5      | No       |         |             |
| @I_vSpecializedDistribution | smallint  | 5      | Yes      |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vPurchaseOrderNumber      | char      | 21     | No       |         |             |
| @I_vVoucherNumberWORK        | char      | 17     | No       |         |             |
| @I_vBillingAmount            | numeric   | 19,5   | No       |         |             |
| @I_vEquipmentID              | char      | 31     | No       |         |             |
| @I_vItemNumber               | char      | 31     | No       |         |             |
| @I_vItemDescription          | char      | 101    | No       |         |             |
| @I_vCallInvoiceNumber        | char      | 17     | No       |         |             |
| @I_vRateCalculationMethod    | smallint  | 5      | No       |         |             |
| @I_vExchangeRate             | numeric   | 19,7   | No       |         |             |
| @I_vDenominationExchangeRate | numeric   | 19,7   | No       |         |             |
| @I_vDecimalPlaces            | smallint  | 5      | No       |         |             |
| @I_vIntercompanyID           | char      | 5      | No       |         |             |
| @I_vRateTypeID               | char      | 15     | No       |         |             |
| @I_vExchangeTableID          | char      | 15     | No       |         |             |
| @I_vExchangeDate             | datetime  |        | No       |         |             |
| @I_vTime                     | datetime  |        | No       |         |             |
| @I_vExpirationDate           | datetime  |        | No       |         |             |
| @I_vMCTransactionState       | smallint  | 5      | No       |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vUOfM                | char      | 9      | No       |         |             |
| @I_vICCurrencyID        | char      | 15     | No       |         |             |
| @I_vICCurrencyIndex     | smallint  | 5      | No       |         |             |
| @I_vTaxDate             | datetime  |        | No       |         |             |
| @I_vUserID              | char      | 15     | No       |         |             |
| @I_vUserDefine1         | char      | 31     | No       |         |             |
| @I_vUserDefine2         | char      | 31     | No       |         |             |
| @I_vUserDefined1        | char      | 21     | No       |         |             |
| @I_vUserDefined2        | char      | 21     | No       |         |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       |         |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       |         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       |         |             |
| @I_vUserDefinedDate1    | datetime  |        | No       |         |             |
| @I_vUserDefinedDate2    | datetime  |        | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSUserDefinedDate3 | datetime  |        | No       |         |             |
| @I_vWSUserDefinedDate4 | datetime  |        | No       |         |             |
| @I_vUserDefinedCB1     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB2     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB3     | tinyint   | 3      | No       |         |             |
| @I_vUserDefinedCB4     | tinyint   | 3      | No       |         |             |
| @I_vSVLanguageID       | smallint  | 5      | No       |         |             |
| @I_vTimeZone           | char      | 3      | No       |         |             |
| @I_vWSReservedCB1      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB4      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB6      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB7      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB8      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB9      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1     | char      | 11     | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedSTR2     | char      | 11     | No       |         |             |
| @I_vDEXROWID           | int       | 10     | No       |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       |         |             |
| @I_vUSRDEFND2          | char      | 50     | No       |         |             |
| @I_vUSRDEFND3          | char      | 50     | No       |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       |         |             |

## wsSMSAppointment

- [Table: SV00301 \(page 157\)](#)
- [Error Codes \(page 161\)](#)

### Table: SV00301

| Element Name    | Data Type | Length | Required | Default | Description |
|-----------------|-----------|--------|----------|---------|-------------|
| @I_vActualHours | int       |        |          |         |             |

| Element Name               | Data Type | Length  | Required | Default | Description |
|----------------------------|-----------|---------|----------|---------|-------------|
| @I_vAppointment            | char      | 25      |          |         |             |
| @I_vAppointmentDescription | char      | 51      |          |         |             |
| @I_vAppointmentGroupID     | char      | 25      |          |         |             |
| @I_vAppointmentPriority    | char      | 3       |          |         |             |
| @I_vAppointmentStatus      | char      | 11      |          |         |             |
| @I_vAppointmentType        | smallint  |         |          |         |             |
| @I_vCancelledReason        | char      | 25      |          |         |             |
| @I_vCostCodeAlias          | char      | 27      |          |         |             |
| @I_vCreatedDate            | datetime  |         |          |         |             |
| @I_vCreatedUserID          | char      | 15      |          |         |             |
| @I_vEstimateHours          | int       |         |          |         |             |
| @I_vLaborOverride          | tinyint   |         |          |         |             |
| @I_vOnlyValidate           | tinyint   |         |          |         |             |
| @I_vOriginalTechnician     | char      | 11      |          |         |             |
| @I_vReturnErrorText        |           | tinyint |          |         |             |
| @I_vServiceCallID          | char      | 17      |          |         |             |
| @I_vServiceUserDefine1     | char      | 21      |          |         |             |
| @I_vServiceUserDefine10    | datetime  |         |          |         |             |



| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine11 | datetime  |        |          |         |             |
| @I_vServiceUserDefine12 | datetime  |        |          |         |             |
| @I_vServiceUserDefine18 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine19 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine2  | char      | 21     |          |         |             |
| @I_vServiceUserDefine20 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine21 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine3  | char      | 31     |          |         |             |
| @I_vServiceUserDefine4  | char      | 31     |          |         |             |
| @I_vServiceUserDefine5  | int       |        |          |         |             |
| @I_vServiceUserDefine6  | int       |        |          |         |             |
| @I_vServiceUserDefine7  | int       |        |          |         |             |
| @I_vServiceUserDefine8  | int       |        |          |         |             |
| @I_vServiceUserDefine9  | datetime  |        |          |         |             |
| @I_vSkillLevel          | char      | 15     |          |         |             |
| @I_vSkipDoubleBookCheck | tinyint   |        |          |         |             |
| @I_vSkipShiftCheck      | tinyint   |        |          |         |             |
| @I_vStartTime           | datetime  |        |          |         |             |
| @I_vSVCompletionDate    | datetime  |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vSVToolID            | int       |        |          |         |             |
| @I_vTaskDate            | datetime  |        |          |         |             |
| @I_vTechnician          | char      | 11     |          |         |             |
| @I_vTechnicianStatus    | char      | 17     |          |         |             |
| @I_vTimeEnteredCB       | tinyint   |        |          |         |             |
| @I_vUpdateIfExists      | tinyint   |        |          |         |             |
| @I_vUPRTRXCode          | char      | 7      |          |         |             |
| @I_vUserDefined1        | char      | 21     |          |         |             |
| @I_vUserDefined2        | char      | 21     |          |         |             |
| @I_vUserDefinedCB11     | tinyint   |        |          |         |             |
| @I_vUserDefinedCB21     | tinyint   |        |          |         |             |
| @I_vUserDefinedDate1    | datetime  |        |          |         |             |
| @I_vUserDefinedDate2    | datetime  |        |          |         |             |
| @I_vUserDefinedDollar11 | numeric   | 19,5   |          |         |             |
| @I_vUserDefinedDollar21 | numeric   | 19,5   |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND5          | varchar   | 8000   |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSCostCode         | int       |        |          |         |             |
| @I_vWSJobNumber        | char      | 17     |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                   |
|------------|-----------------------------------------------|
| 52018      | The Cost Code does not exist for the Job.     |
| 52143      | The Technician does not exist.                |
| 52386      | You have entered an invalid Appointment Type. |
| 52387      | The service call does not exist.              |
| 52388      | The Technician Status does not exist.         |
| 52389      | The Job Number does not exist.                |
| 52391      | The Skill Level does not exist.               |
| 52392      | The Appointment Status does not exist.        |
| 52393      | The Tool ID does not exist.                   |
| 52394      | A shift conflict exists.                      |
| 52395      | A double booking conflict exists.             |

| Error Code | Description                               |
|------------|-------------------------------------------|
| 52396      | The Appointment Master update has failed. |
| 52396      | The Appointment Master update has failed. |
| 52398      | Enter a valid Task Date.                  |

## wsSMSContract

### Table Name: SV00500

**Other tables affected:** SV00564, SV00509, sv00510, SV00053

**Other stored procedures called:** wsiSMSContractPre.sql, wsiSMSContractPost.sql, SMS\_Build\_Contract\_Billing\_Schedule.sql, SMS\_Build\_Contract\_Billing\_SchedulePre.sql, SMS\_Build\_Contract\_Billing\_SchedulePost.sql, SMS\_Build\_Contract\_Revenue\_Schedule.sql, SMS\_Build\_Contract\_Revenue\_SchedulePre.sql, SMS\_Build\_Contract\_Revenue\_SchedulePost.sql

**Description:**

This procedure allows the insert of records into the contract master table. This procedure will call out to other procedures to generate the contract billing schedule and the revenue schedule. This procedure will also accommodate contracts with some defined starting balance amount and date and will create one posted record in the billing, revenue and invoice table to reflect this starting balance.

| Element Name              | Data Type | Length | Required | Default | Description                            |
|---------------------------|-----------|--------|----------|---------|----------------------------------------|
| CustomerNumber            | char      | 15     | Yes      |         | Validated                              |
| AddressCode               | char      | 15     | Yes      |         | Validated                              |
| WSContractNumber          | char      | 11     | Yes      |         | Validated                              |
| WSContractNumber Sequence | int       | 10     | No       | 1       | Validated                              |
| UserID                    | char      | 15     | No       |         | Not validated or used by core product  |
| *TechnicianID             | char      | 15     | No       |         | *Not validated or used by core product |
| TechnicianTeam            | char      | 15     | No       |         | Not validated or used by core product  |

| Element Name               | Data Type | Length | Required | Default   | Description                                                                      |
|----------------------------|-----------|--------|----------|-----------|----------------------------------------------------------------------------------|
| Technician                 | char      | 11     | No       |           | Validated                                                                        |
| CorporateContractNumber    | char      | 21     | No       |           | Validated                                                                        |
| CorporateInvoiceNumber     | char      | 17     | No       |           |                                                                                  |
| ContractAmount             | numeric   | 19,5   | No       | 0         |                                                                                  |
| BillFreq                   | smallint  | 5      | No       | 1         | Validated - 1 monthly, 2 quarterly, 3 annual, 4 semi-annual, 6 every other month |
| StartingBalanceYTD         | numeric   | 19,5   | No       | 0         | Validated                                                                        |
| StartingBalanceTTD         | numeric   | 19,5   | No       | 0         | Validated                                                                        |
| StartingBalanceDate        | datetime  |        | No       | 1/1/1900' | Validated                                                                        |
| AmountBilled0              | numeric   | 19,5   | No       | 0         |                                                                                  |
| SalespersonID              | char      | 15     | No       |           | Validated                                                                        |
| AnnualContractValue        | numeric   | 19,5   | No       | 0         |                                                                                  |
| RevenueRecognitionMethodID | smallint  | 5      | No       | 0         |                                                                                  |
| InvoiceStyle               | smallint  | 5      | No       | 0         |                                                                                  |
| WSContractStartDate        | datetime  |        | Yes      |           | Validated                                                                        |
| ContractExpirationDate     | datetime  |        | Yes      |           | Validated                                                                        |
| ForecastOriginalEquipment  | numeric   | 19,5   | No       | 0         |                                                                                  |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| ForecastOriginalLabor    | numeric   | 19,5   | No       | 0       |             |
| ForecastOriginalMaterial | numeric   | 19,5   | No       | 0       |             |
| ForecastOriginalOther    | numeric   | 19,5   | No       | 0       |             |
| ForecastOriginalSubs     | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor1       | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor1 Hours | int       | 10     | No       | 0       |             |
| ForecastOrigLabor2       | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor2 Hours | int       | 10     | No       | 0       |             |
| ForecastOrigLabor3       | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor3 Hours | int       | 10     | No       | 0       |             |
| ForecastOrigLabor4       | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor4 Hours | int       | 10     | No       | 0       |             |
| ForecastOrigLabor5       | numeric   | 19,5   | No       | 0       |             |
| ForecastOrigLabor5 Hours | int       | 10     | No       | 0       |             |
| ForecastOrigTotalLabor   | numeric   | 19,5   | No       | 0       |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| ForecastOrigTotalLaborHrs | int       | 10     | No       | 0       |             |
| EstimateEquipment         | numeric   | 19,5   | No       | 0       |             |
| EstimateLabor             | numeric   | 19,5   | No       | 0       |             |
| EstimateMaterial          | numeric   | 19,5   | No       | 0       |             |
| EstimateSubs              | numeric   | 19,5   | No       | 0       |             |
| EstimateOther             | numeric   | 19,5   | No       | 0       |             |
| EstimateTotalCost         | numeric   | 19,5   | No       | 0       |             |
| EstimateHours             | int       | 10     | No       | 0       |             |
| EstimateLabor1            | numeric   | 19,5   | No       | 0       |             |
| EstimateLabor1Hours       | int       | 10     | No       | 0       |             |
| EstimateLabor2            | numeric   | 19,5   | No       | 0       |             |
| EstimateLabor2Hours       | int       | 10     | No       | 0       |             |
| EstimateLabor3            | numeric   | 19,5   | No       | 0       |             |
| EstimateLabor3Hours       | int       | 10     | No       | 0       |             |
| EstimateLabor4            | numeric   | 19,5   | No       | 0       |             |
| EstimateLabor4Hours       | int       | 10     | No       | 0       |             |
| EstimateLabor5            | numeric   | 19,5   | No       | 0       |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| EstimateLabor5Hours   | int       | 10     | No       | 0       |             |
| EstimateTotalLabor    | numeric   | 19,5   | No       | 0       |             |
| EstimateTotalLaborHrs | int       | 10     | No       | 0       |             |
| ForecastLabor         | numeric   | 19,5   | No       | 0       |             |
| ForecastEquipment     | numeric   | 19,5   | No       | 0       |             |
| ForecastMaterial      | numeric   | 19,5   | No       | 0       |             |
| ForecastSubs          | numeric   | 19,5   | No       | 0       |             |
| ForecastOther         | numeric   | 19,5   | No       | 0       |             |
| ForecastTotalCost     | numeric   | 19,5   | No       | 0       |             |
| ForecastHours         | int       | 10     | No       | 0       |             |
| ForecastLabor1        | numeric   | 19,5   | No       | 0       |             |
| ForecastLabor1Hours   | int       | 10     | No       | 0       |             |
| ForecastLabor2        | numeric   | 19,5   | No       | 0       |             |
| ForecastLabor2Hours   | int       | 10     | No       | 0       |             |
| ForecastLabor3        | numeric   | 19,5   | No       | 0       |             |
| ForecastLabor3Hours   | int       | 10     | No       | 0       |             |
| ForecastLabor4        | numeric   | 19,5   | No       | 0       |             |



| Element Name            | Data Type | Length | Required | Default    | Description |
|-------------------------|-----------|--------|----------|------------|-------------|
| ForecastLabor4Hours     | int       | 10     | No       | 0          |             |
| ForecastLabor5          | numeric   | 19,5   | No       | 0          |             |
| ForecastLabor5Hours     | int       | 10     | No       | 0          |             |
| ForecastTotalLabor      | numeric   | 19,5   | No       | 0          |             |
| ForecastTotalLaborHrs   | int       | 10     | No       | 0          |             |
| TaskEstimateRollupGroup | smallint  | 5      | No       | 0          |             |
| UserDefine1a            | char      | 31     | No       |            |             |
| UserDefine2a            | char      | 31     | No       |            |             |
| UserDefine3a            | char      | 31     | No       |            |             |
| UserDefine4a            | char      | 31     | No       |            |             |
| ServiceUserDefine3      | char      | 31     | No       |            |             |
| ServiceUserDefine5      | int       | 10     | No       | 0          |             |
| ServiceUserDefine6      | int       | 10     | No       | 0          |             |
| ServiceUserDefine9      | datetime  |        | No       | '1/1/1900' |             |
| ServiceUserDefine10     | datetime  |        | No       | '1/1/1900' |             |
| ServiceUserDefine18     | tinyint   | 3      | No       | 0          |             |
| ServiceUserDefine19     | tinyint   | 3      | No       | 0          |             |
| ServiceUserDefine22     | numeric   | 19,5   | No       | 0          |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| ServiceUserDefine23 | numeric   | 19,5   | No       | 0       |             |
| ServiceUserDefine24 | numeric   | 19,5   | No       | 0       |             |
| ContractBillingDate | smallint  | 5      | No       | 1       |             |
| ContractServiceDate | smallint  | 5      | No       | 1       |             |
| AutoBill            | tinyint   | 3      | No       | 1       |             |
| PurchaseOrder       | char      | 15     | No       |         |             |
| Divisions           | char      | 15     | Yes      |         | Validated   |
| PYLabor             | numeric   | 19,5   | No       | 0       |             |
| PYMaterial          | numeric   | 19,5   | No       | 0       |             |
| PYEquipment         | numeric   | 19,5   | No       | 0       |             |
| PYSubcontractor     | numeric   | 19,5   | No       | 0       |             |
| PYOther             | numeric   | 19,5   | No       | 0       |             |
| PYTotalCost         | numeric   | 19,5   | No       | 0       |             |
| PYBilled            | numeric   | 19,5   | No       | 0       |             |
| PYContractEarned    | numeric   | 19,5   | No       | 0       |             |
| PYGrossProfit       | numeric   | 19,5   | No       | 0       |             |
| PYRevenueRecognized | numeric   | 19,5   | No       | 0       |             |
| PYHours             | int       | 10     | No       | 0       |             |
| PYLabor1            | numeric   | 19,5   | No       | 0       |             |

| Element Name    | Data Type | Length | Required | Default | Description |
|-----------------|-----------|--------|----------|---------|-------------|
| PYLabor1Hours   | int       | 10     | No       | 0       |             |
| PYLabor2        | numeric   | 19,5   | No       | 0       |             |
| PYLabor2Hours   | int       | 10     | No       | 0       |             |
| PYLabor3        | numeric   | 19,5   | No       | 0       |             |
| PYLabor3Hours   | int       | 10     | No       | 0       |             |
| PYLabor4        | numeric   | 19,5   | No       | 0       |             |
| PYLabor4Hours   | int       | 10     | No       | 0       |             |
| PYLabor5        | numeric   | 19,5   | No       | 0       |             |
| PYLabor5Hours   | int       | 10     | No       | 0       |             |
| PYTotalLabor    | numeric   | 19,5   | No       | 0       |             |
| PYTotalLaborHrs | int       | 10     | No       | 0       |             |
| YTDHours        | int       | 10     | No       | 0       |             |
| YTDLabor1       | numeric   | 19,5   | No       | 0       |             |
| YTDLabor1Hours  | int       | 10     | No       | 0       |             |
| YTDLabor2       | numeric   | 19,5   | No       | 0       |             |
| YTDLabor2Hours  | int       | 10     | No       | 0       |             |
| YTDLabor3       | numeric   | 19,5   | No       | 0       |             |
| YTDLabor3Hours  | int       | 10     | No       | 0       |             |
| YTDLabor4       | numeric   | 19,5   | No       | 0       |             |

| Element Name     | Data Type | Length | Required | Default   | Description |
|------------------|-----------|--------|----------|-----------|-------------|
| YTDLabor4Hours   | int       | 10     | No       | 0         |             |
| YTDLabor5        | numeric   | 19,5   | No       | 0         |             |
| YTDLabor5Hours   | int       | 10     | No       | 0         |             |
| YTDTotalLabor    | numeric   | 19,5   | No       | 0         |             |
| YTDTotalLaborHrs | int       | 10     | No       | 0         |             |
| TTDLabor1        | numeric   | 19,5   | No       | 0         |             |
| TTDLabor1Hours   | int       | 10     | No       | 0         |             |
| TTDLabor2        | numeric   | 19,5   | No       | 0         |             |
| TTDLabor2Hours   | int       | 10     | No       | 0         |             |
| TTDLabor3        | numeric   | 19,5   | No       | 0         |             |
| TTDLabor3Hours   | int       | 10     | No       | 0         |             |
| TTDLabor4        | numeric   | 19,5   | No       | 0         |             |
| TTDLabor4Hours   | int       | 10     | No       | 0         |             |
| TTDLabor5        | numeric   | 19,5   | No       | 0         |             |
| TTDLabor5Hours   | int       | 10     | No       | 0         |             |
| TTDTotalLabor    | numeric   | 19,5   | No       | 0         |             |
| TTDTotalLaborHrs | int       | 10     | No       | 0         |             |
| AutoDate         | datetime  |        | No       | 1/1/1900' |             |

| Element Name        | Data Type | Length | Required | Default | Description                           |
|---------------------|-----------|--------|----------|---------|---------------------------------------|
| CancelBox           | tinyint   | 3      | No       | 0       |                                       |
| Hold                | tinyint   | 3      | No       | 0       |                                       |
| ExcessCost          | numeric   | 19,5   | No       | 0       |                                       |
| UnbilledReceivable  | numeric   | 19,5   | No       | 0       |                                       |
| ContractNTEUnits    | int       | 10     | No       | 0       |                                       |
| ContractActualUnits | int       | 10     | No       | 0       |                                       |
| EquipmentID         | char      | 31     | No       |         | Not validated or used by core product |
| WarrantyCheckbox    | tinyint   | 3      | No       | 0       |                                       |
| TimeZone            | char      | 3      | No       |         |                                       |
| SVLanguageID        | smallint  | 5      | No       | 0       |                                       |
| BillingCurrencyID   | char      | 15     | No       |         | Not validated or used by core product |
| LocalCurrencyID     | char      | 15     | No       |         | Not validated or used by core product |
| HoldReasonID        | smallint  | 5      | No       |         | Not validated or used by core product |
| BillingEquipment    | numeric   | 19,5   | No       | 0       |                                       |
| BillingMaterial     | numeric   | 19,5   | No       | 0       |                                       |
| BillingLabor        | numeric   | 19,5   | No       | 0       |                                       |
| BillingSubs         | numeric   | 19,5   | No       | 0       |                                       |
| BillingOther        | numeric   | 19,5   | No       | 0       |                                       |

| Element Name               | Data Type | Length | Required | Default   | Description                                                                                                                             |
|----------------------------|-----------|--------|----------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| BillingPercentageEquip     | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| BillingPercentageMaterial  | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| BillingPercentageLabor     | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| BillingPercentageSubs      | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| BillingPercentageOther     | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| CurrentBillingAmount       | numeric   | 19,5   | No       | 0         |                                                                                                                                         |
| EscalationFrequency        | char      | 15     | No       | NONE'     | Validated - 'AT ANNIVERSARY' or 'NONE'                                                                                                  |
| EscalationNotificationDays | smallint  | 5      | No       | 0         |                                                                                                                                         |
| NextEscalationDate         | datetime  |        | No       | 1/1/1900' |                                                                                                                                         |
| AnniversaryDate            | datetime  |        | No       |           | Validated - cannot be greater than expiration, if > 365 days will be set to start date + 365, if <= 365 days will be set to expire date |
| EvergreenContractFlag      | tinyint   | 3      | No       | 0         |                                                                                                                                         |
| ContractUnitsMeasure       | char      | 15     | No       |           |                                                                                                                                         |
| LastReviewDate             | datetime  |        | No       | 1/1/1900' |                                                                                                                                         |

| Element Name            | Data Type | Length | Required | Default | Description                                                                              |
|-------------------------|-----------|--------|----------|---------|------------------------------------------------------------------------------------------|
| MasterTaxScheduleID     | char      | 15     | No       |         | Validated - SV000789                                                                     |
| ContractInternalName    | char      | 15     | No       |         | Validated - this is contract type SV00515                                                |
| AutomaticEscalationFlag | tinyint   | 3      | No       | 0       |                                                                                          |
| BillCustomerNumber      | char      | 15     | No       |         | Validated                                                                                |
| BillAddressCode         | char      | 15     | No       |         | Validated                                                                                |
| LeaveOpenFlag           | tinyint   | 3      | No       | 0       | Fills field WSReservedCB1 and represents a contract that will be left open when renewed. |
| WennsoftTablesOnly      | tinyint   | 3      | No       | 0       | NA                                                                                       |
| OnlyValidate            | tinyint   | 3      | No       | 0       | NA                                                                                       |
| USRDEFND1               | char      | 50     | No       |         |                                                                                          |
| USRDEFND2               | char      | 50     | No       |         |                                                                                          |
| USRDEFND3               | char      | 50     | No       |         |                                                                                          |
| USRDEFND4               | varchar   | 8000   | No       |         |                                                                                          |
| USRDEFND5               | varchar   | 8000   | No       |         |                                                                                          |
| ReturnErrorText         | tinyint   | 3      | No       | 0       | Option to return error text along with error code                                        |
| iErrorState             | tinyint   | 3      | No       | 0       | Returned error code - output                                                             |
| ErrString               | varchar   | 255    | No       |         | Returned error string - output                                                           |

## wsSMSContractQuote

- [Table: SV00502 \(page 174\)](#)
- [Error Codes \(page 183\)](#)

**Table: SV00502**

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vAddressCode         | char      | 15     |          |         |             |
| @I_vAnnualContractValue | numeric   | 19,5   |          |         |             |
| @I_vAutoBill            | tinyint   |        |          |         |             |
| @I_vBaseCurrencyID      | char      | 15     |          |         |             |
| @I_vBillFreq            | smallint  |        |          |         |             |
| @I_vBillingCurrencyID   | char      | 15     |          |         |             |
| @I_vBillingEquipment    | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor        | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor1       | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor1Hours  | int       |        |          |         |             |
| @I_vBillingLabor2       | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor2Hours  | int       |        |          |         |             |
| @I_vBillingLabor3       | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor3Hours  | int       |        |          |         |             |
| @I_vBillingLabor4       | numeric   | 19,5   |          |         |             |



| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillingLabor4Hours        | int       |        |          |         |             |
| @I_vBillingLabor5             | numeric   | 19,5   |          |         |             |
| @I_vBillingLabor5Hours        | int       |        |          |         |             |
| @I_vBillingLaborHours         | int       |        |          |         |             |
| @I_vBillingMaterial           | numeric   | 19,5   |          |         |             |
| @I_vBillingOther              | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageEquip    | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageLabor    | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageMaterial | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageOther    | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageSubs     | numeric   | 19,5   |          |         |             |
| @I_vBillingPercentageTotal    | numeric   | 19,5   |          |         |             |
| @I_vBillingSubs               | numeric   | 19,5   |          |         |             |
| @I_vBillingTotal              | numeric   | 19,5   |          |         |             |
| @I_vCancelBox                 | tinyint   |        |          |         |             |
| @I_vContractActualUnits       | int       |        |          |         |             |
| @I_vContractAmount            | numeric   | 19,5   |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vContractBillingDate    | smallint  |        |          |         |             |
| @I_vContractExpirationDate | datetime  |        |          |         |             |
| @I_vContractInternalName   | char      | 15     |          |         |             |
| @I_vContractNTEUnits       | int       |        |          |         |             |
| @I_vContractUnitsMeasure   | char      | 15     |          |         |             |
| @I_vCustomerNumber         | char      | 15     |          |         |             |
| @I_vEstimateEquipment      | numeric   | 19,5   |          |         |             |
| @I_vEstimateHours          | int       |        |          |         |             |
| @I_vEstimateLabor          | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1         | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1Hours    | int       |        |          |         |             |
| @I_vEstimateLabor2         | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor2Hours    | int       |        |          |         |             |
| @I_vEstimateLabor3         | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor3Hours    | int       |        |          |         |             |
| @I_vEstimateLabor4         | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor4Hours    | int       |        |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstimateLabor5        | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor5Hours   | int       |        |          |         |             |
| @I_vEstimateMaterial      | numeric   | 19,5   |          |         |             |
| @I_vEstimateOther         | numeric   | 19,5   |          |         |             |
| @I_vEstimateSubs          | numeric   | 19,5   |          |         |             |
| @I_vEstimateTotalCost     | numeric   | 19,5   |          |         |             |
| @I_vEstimateTotalLabor    | numeric   | 19,5   |          |         |             |
| @I_vEstimateTotalLaborHrs | int       |        |          |         |             |
| @I_vEvergreenContractFlag | tinyint   |        |          |         |             |
| @I_vExcessCost            | numeric   | 19,5   |          |         |             |
| @I_vForecastEquipment     | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor         | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor1        | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor1Hours   | int       |        |          |         |             |
| @I_vForecastLabor2        | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor2Hours   | int       |        |          |         |             |
| @I_vForecastLabor3        | numeric   | 19,5   |          |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vForecastLabor3Hours       | int       |        |          |         |             |
| @I_vForecastLabor4            | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor4Hours       | int       |        |          |         |             |
| @I_vForecastLabor5            | numeric   | 19,5   |          |         |             |
| @I_vForecastLabor5Hours       | int       |        |          |         |             |
| @I_vForecastMaterial          | numeric   | 19,5   |          |         |             |
| @I_vForecastOriginalEquipment | numeric   | 19,5   |          |         |             |
| @I_vForecastOriginalLabor     | numeric   | 19,5   |          |         |             |
| @I_vForecastOriginalMaterial  | numeric   | 19,5   |          |         |             |
| @I_vForecastOriginalOther     | numeric   | 19,5   |          |         |             |
| @I_vForecastOriginalSubs      | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor1        | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor1Hours   | int       |        |          |         |             |
| @I_vForecastOrigLabor2        | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor2Hours   | int       |        |          |         |             |

| Element Name                      | Data Type | Length | Required | Default | Description |
|-----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vForecastOrigLabor3            | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor3<br>Hours   | int       |        |          |         |             |
| @I_vForecastOrigLabor4            | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor4<br>Hours   | int       |        |          |         |             |
| @I_vForecastOrigLabor5            | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigLabor5<br>Hours   | int       |        |          |         |             |
| @I_vForecastOrigTotalLa<br>bor    | numeric   | 19,5   |          |         |             |
| @I_vForecastOrigTotalLa<br>borHrs | int       |        |          |         |             |
| @I_vForecastOther                 | numeric   | 19,5   |          |         |             |
| @I_vForecastSubs                  | numeric   | 19,5   |          |         |             |
| @I_vForecastTotalCost             | numeric   | 19,5   |          |         |             |
| @I_vForecastTotalLabor            | numeric   | 19,5   |          |         |             |
| @I_vForecastTotalLabor<br>Hrs     | int       |        |          |         |             |
| @I_vHold                          | tinyint   |        |          |         |             |
| @I_vHoldReasonID                  | smallint  |        |          |         |             |
| @I_vInvoiceStyle                  | smallint  |        |          |         |             |
| @I_vLastReviewDate                | datetime  |        |          |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vLastReviewUserID           | char      | 15     |          |         |             |
| @I_vLocalCurrencyID            | char      | 15     |          |         |             |
| @I_vMultiyearContractFlag      | tinyint   |        |          |         |             |
| @I_vOnlyValidate               | tinyint   |        |          |         |             |
| @I_vPricingMatrixName          | char      | 15     |          |         |             |
| @I_vQuoteDate                  | datetime  |        |          |         |             |
| @I_vQuoteExpirationDate        | datetime  |        |          |         |             |
| @I_vQuoteNumber                | char      | 11     |          |         |             |
| @I_vQuoteType                  | smallint  |        |          |         |             |
| @I_vReturnErrorText            | tinyint   |        |          |         |             |
| @I_vRevenueRecognitionMethodID | smallint  |        |          |         |             |
| @I_vSalespersonID              | char      | 15     |          |         |             |
| @I_vServiceDay                 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine10        | datetime  |        |          |         |             |
| @I_vServiceUserDefine18        | tinyint   |        |          |         |             |
| @I_vServiceUserDefine19        | tinyint   |        |          |         |             |
| @I_vServiceUserDefine22        | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine23        | numeric   | 19,5   |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine24 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine3  | char      | 31     |          |         |             |
| @I_vServiceUserDefine5  | int       |        |          |         |             |
| @I_vServiceUserDefine6  | int       |        |          |         |             |
| @I_vServiceUserDefine9  | datetime  |        |          |         |             |
| @I_vSVServiceLevelID    | char      | 11     |          |         |             |
| @I_vTimeZone            | char      | 3      |          |         |             |
| @I_vUpdateIfExists      | tinyint   |        |          |         |             |
| @I_vUserDefine1a        | char      | 31     |          |         |             |
| @I_vUserDefine2a        | char      | 31     |          |         |             |
| @I_vUserDefine3a        | char      | 31     |          |         |             |
| @I_vUserDefine4a        | char      | 31     |          |         |             |
| @I_vUserID              | char      | 15     |          |         |             |
| @I_vUSRDEFND1           | char      | 50     |          |         |             |
| @I_vUSRDEFND2           | char      | 50     |          |         |             |
| @I_vUSRDEFND3           | char      | 50     |          |         |             |
| @I_vUSRDEFND4           | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5           | varchar   | 8000   |          |         |             |
| @I_vWarrantyCheckbox    | tinyint   |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennsoftAffiliate   | char      | 15     |          |         |             |
| @I_vWennsoftBranch      | char      | 15     |          |         |             |
| @I_vWennsoftRegion      | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly  | tinyint   |        |          |         |             |
| @I_vWSContractNumber    | char      | 11     |          |         |             |
| @I_vWSContractStartDate | datetime  |        |          |         |             |
| @I_vWSReservedCB1       | tinyint   |        |          |         |             |
| @I_vWSReservedCB10      | tinyint   |        |          |         |             |
| @I_vWSReservedCB2       | tinyint   |        |          |         |             |
| @I_vWSReservedCB3       | tinyint   |        |          |         |             |
| @I_vWSReservedCB5       | tinyint   |        |          |         |             |
| @I_vWSReservedCB6       | tinyint   |        |          |         |             |
| @I_vWSReservedCB7       | tinyint   |        |          |         |             |
| @I_vWSReservedCB8       | tinyint   |        |          |         |             |
| @I_vWSReservedCB9       | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1      | char      | 11     |          |         |             |
| @O_iErrorState          | int       |        |          |         |             |
| @oErrString             | varchar   | 255    |          |         |             |



## Error Codes

| Error Code | Description                                                |
|------------|------------------------------------------------------------|
| 51112      | The Customer Number does not exist.                        |
| 52022      | The Salesperson ID is invalid.                             |
| 52027      | The Address Code does not exist.                           |
| 52144      | The Bill Frequency is invalid.                             |
| 52147      | The Expiration Date is before the Start Date.              |
| 52148      | Fiscal periods for contract dates must be set up.          |
| 52162      | The Contract Type does not exist.                          |
| 52310      | Error inserting/updating the quote master table (SV00502). |
| 52416      | The Billing Day cannot exceed 28.                          |
| 52417      | The Service Day cannot exceed 28.                          |

## wsSMSContractTask

### Table Name: SV00582

**Other tables affected:** SV00585, SV00583, SV00586, SV00581

**Other stored procedures called:** SMS\_Build\_Contract\_Task\_SchedulePre, SMS\_Build\_Contract\_Task\_Schedule, SMS\_Build\_Contract\_Task\_SchedulePost, SMS\_Calculate\_First\_Call, SMS\_Calculate\_Next\_Call, SMS\_Calculate\_Week\_ofMonth

**Description:**

This procedure allows the import of a task code to an existing contract with an existing attached piece of equipment. The import will also handle the creation of the sub task records, the tasking schedule, and any task code materials that may exist. When this procedure is used to update a task code on a contract the contract task schedule, subtasks and materials are deleted and will be created again.

| Element Name                 | Data Type | Length | Required | Default                                                                                 | Description                    |
|------------------------------|-----------|--------|----------|-----------------------------------------------------------------------------------------|--------------------------------|
| @I_vCustomerNumber           | char      | 15     | Yes      |                                                                                         | Validated - RM00101            |
| @I_vAddressCode              | char      | 15     | Yes      |                                                                                         | Validated - RM00102            |
| @I_vCustomerContractNumber   | char      | 15     | No       |                                                                                         |                                |
| @I_vUserID                   | char      | 15     | No       |                                                                                         |                                |
| @I_vWSContractNumber         | char      | 11     | Yes      |                                                                                         | Validated - SV00500            |
| @I_vWSContractNumberSequence | int       | 10     | Yes      |                                                                                         | Validated - SV00500            |
| @I_vEquipmentID              | char      | 31     | Yes      |                                                                                         | Validated - SV00400            |
| @I_vTaskCode                 | char      | 11     | Yes      |                                                                                         | Validated - SV00560            |
| @I_vContractTaskListID       | char      | 11     | No       | '                                                                                       | Added to SV00581 if not exists |
| @I_vInactive                 | tinyint   | 3      | No       |                                                                                         |                                |
| @I_vEstimateHours            | int       | 10     | No       | !Leave empty.! Defaults from task code if sum is 0 - as will the other estimate fields. | Sum of estLabor1-5 hours       |
| @I_vEstimateLabor            | numeric   | 19,5   | No       |                                                                                         |                                |
| @I_vEstimateLabor1           | numeric   | 19,5   | No       |                                                                                         |                                |
| @I_vEstimateLabor1Hours      | int       | 10     | No       |                                                                                         | 1 Hour = 100                   |
| @I_vEstimateLabor2           | numeric   | 19,5   | No       |                                                                                         |                                |

| Element Name            | Data Type | Length | Required | Default | Description  |
|-------------------------|-----------|--------|----------|---------|--------------|
| @I_vEstimateLaborHours  | int       | 10     | No       |         | 1 Hour = 100 |
| @I_vEstimateLabor3      | numeric   | 19,5   | No       |         |              |
| @I_vEstimateLaborHours3 | int       | 10     | No       |         | 1 Hour = 100 |
| @I_vEstimateLabor4      | numeric   | 19,5   | No       |         |              |
| @I_vEstimateLaborHours4 | int       | 10     | No       |         | 1 Hour = 100 |
| @I_vEstimateLabor5      | numeric   | 19,5   | No       |         |              |
| @I_vEstimateLaborHours5 | int       | 10     | No       |         | 1 Hour = 100 |
| @I_vEstimateEquipment   | numeric   | 19,5   | No       |         |              |
| @I_vEstimateMaterial    | numeric   | 19,5   | No       |         |              |
| @I_vEstimateSubs        | numeric   | 19,5   | No       |         |              |
| @I_vEstimateOther       | numeric   | 19,5   | No       |         |              |
| @I_vEstimateTotal Cost  | numeric   | 19,5   | No       |         |              |
| @I_vBillableEquipment   | numeric   | 19,5   | No       |         |              |
| @I_vBillableMaterial    | numeric   | 19,5   | No       |         |              |

| Element Name            | Data Type | Length | Required | Default                                    | Description                                                              |
|-------------------------|-----------|--------|----------|--------------------------------------------|--------------------------------------------------------------------------|
| @I_vBillableSubs        | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableOther       | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableLabor<br>1  | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableLabor<br>2  | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableLabor<br>3  | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableLabor<br>4  | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vBillableLabor<br>5  | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vRunUnits            | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vCurrentRunU<br>nits | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vLastRunUnits        | numeric   | 19,5   | No       |                                            |                                                                          |
| @I_vWSFrequency         | char      | 15     | No       |                                            | Validated - SV00541<br>against frequency<br>schedule pair if<br>provided |
| @I_vSchedule            | smallint  | 5      | No       | Defaults from task code if<br>not provided | Validated - SV00541<br>against frequency<br>schedule pair if<br>provided |
| @I_vOptional            | tinyint   | 3      | No       |                                            |                                                                          |
| @I_vSkillLevel          | char      | 15     | No       |                                            |                                                                          |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vMaterialKitRequired | char      | 31     | No       |         |             |
| @I_vMaterialKitQuantity | int       | 10     | No       |         |             |
| @I_vToolKitRequired     | char      | 15     | No       |         |             |
| @I_vCoverageCode        | smallint  | 5      | No       |         |             |
| @I_vTaskUserDefine1     | char      | 21     | No       |         |             |
| @I_vTaskUserDefine2     | char      | 21     | No       |         |             |
| @I_vTaskUserDefine3     | char      | 31     | No       |         |             |
| @I_vTaskUserDefine4     | char      | 31     | No       |         |             |
| @I_vTaskUserDefine5     | int       | 10     | No       |         |             |
| @I_vTaskUserDefine6     | int       | 10     | No       |         |             |
| @I_vTaskUserDefine7     | int       | 10     | No       |         |             |
| @I_vTaskUserDefine8     | int       | 10     | No       |         |             |
| @I_vTaskUserDefine9     | datetime  |        | No       |         |             |
| @I_vTaskUserDefine10    | datetime  |        | No       |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @l_vTaskUserDefi<br>ne11 | datetime  |        | No       |         |             |
| @l_vTaskUserDefi<br>ne12 | datetime  |        | No       |         |             |
| @l_vTaskUserDefi<br>ne13 | numeric   | 19,5   | No       |         |             |
| @l_vTaskUserDefi<br>ne14 | numeric   | 19,5   | No       |         |             |
| @l_vTaskUserDefi<br>ne15 | numeric   | 19,5   | No       |         |             |
| @l_vTaskUserDefi<br>ne16 | numeric   | 19,5   | No       |         |             |
| @l_vTaskUserDefi<br>ne17 | numeric   | 19,5   | No       |         |             |
| @l_vTaskUserDefi<br>ne18 | tinyint   | 3      | No       |         |             |
| @l_vTaskUserDefi<br>ne19 | tinyint   | 3      | No       |         |             |
| @l_vTaskUserDefi<br>ne20 | tinyint   | 3      | No       |         |             |
| @l_vTaskUserDefi<br>ne21 | tinyint   | 3      | No       |         |             |
| @l_vTaskHours            | int       | 10     | No       |         |             |
| @l_vWeek1                | tinyint   | 3      | No       |         |             |
| @l_vWeek2                | tinyint   | 3      | No       |         |             |
| @l_vWeek3                | tinyint   | 3      | No       |         |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vWeek4             | tinyint   | 3      | No       |         |             |
| @I_vWeek5             | tinyint   | 3      | No       |         |             |
| @I_vTimeZone          | char      | 3      | No       |         |             |
| @I_vSVLanguageID      | smallint  | 5      | No       |         |             |
| @I_vBaseCurrencyID    | char      | 15     | No       |         |             |
| @I_vBillingCurrencyID | char      | 15     | No       |         |             |
| @I_vLocalCurrencyID   | char      | 15     | No       |         |             |
| @I_vWSReservedCB1     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB4     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB6     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB7     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB8     | tinyint   | 3      | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB9      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB10     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1     | char      | 11     | No       |         |             |
| @I_vWSReservedSTR2     | char      | 11     | No       |         |             |
| @I_vPMGroup            | char      | 3      | No       |         |             |
| @I_vID1                | char      | 11     | No       |         |             |
| @I_vID2                | char      | 11     | No       |         |             |
| @I_vYRMOD              | smallint  | 5      | No       |         |             |
| @I_vYRREM              | smallint  | 5      | No       |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       |         |             |
| @I_vUSRDEFND2          | char      | 50     | No       |         |             |
| @I_vUSRDEFND3          | char      | 50     | No       |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       |         |             |



| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## wsISMSEquipment

### Table Name: SV00400

**Other tables affected:** SV00403, SV00055

**Other stored procedures called:** wsiSMSEquipmentPre, wsiSMSEquipmentPost, wsiSMSEquipmentContract

**Description:**

This procedure allows the insert/update of records into the equipment master table. The corresponding record in the equipment quick search table (SV00055) will also be created/updated. A contract number can be specified and the wsiSMSEquipmentContract procedure will be called to populate the equipment contract coverage table (SV00403) - if the equipment needs to be attached to multiple contracts then the wsiSMSEquipmentContract procedure can be called as a separate import.

| Element Name                | Data Type | Length | Required | Default | Description            |
|-----------------------------|-----------|--------|----------|---------|------------------------|
| @I_vAddressCode             | char      | 15     |          |         | Validated - RM00102    |
| @I_vCustomerNumber          | char      | 15     |          |         | Validated - RM00101    |
| @I_vEquipmentID             | char      | 31     |          |         | Validated as not empty |
| @I_vUserID                  | char      | 15     |          |         |                        |
| @I_vWennsoftMasterEquipID   | char      | 31     |          |         |                        |
| @I_vComponentFlag           | tinyint   | 1      |          |         |                        |
| @I_vComponentQty            | smallint  | 2      |          |         |                        |
| @I_vCorporateCustomerNumber | char      | 15     |          |         |                        |

| Element Name                   | Data Type | Length | Required | Default | Description                                                                        |
|--------------------------------|-----------|--------|----------|---------|------------------------------------------------------------------------------------|
| @I_vManufacturerID             | char      | 15     |          |         | Validated - SV00410                                                                |
| @I_vEquipmentType              | char      | 31     |          |         | Validated - SV00405                                                                |
| @I_vWennsoftModelNumber        | char      | 21     |          |         | Validated - SV00411                                                                |
| @I_vWennsoftSerialNumber       | char      | 41     |          |         |                                                                                    |
| @I_vInstalledByLongDescription | char      | 41     |          |         |                                                                                    |
| @I_vExtendedWarrantyType       | char      | 31     |          |         |                                                                                    |
| @I_vExtendedWarrantyExpiration | datetime  | 8      |          |         |                                                                                    |
| @I_vWarrantyExpiration         | datetime  | 8      |          |         |                                                                                    |
| @I_vInstallDate                | datetime  | 8      |          |         |                                                                                    |
| @I_vLocationEquipment          | char      | 51     |          |         |                                                                                    |
| @I_vWSContractNumber           | char      | 11     |          |         | Validated - SV00500 When provided wsiSMSEquipmentContract procedure will be called |
| @I_vWSBarcodeID                | char      | 51     |          |         |                                                                                    |
| @I_vUserDefine1a               | char      | 31     |          |         |                                                                                    |
| @I_vUserDefine2a               | char      | 31     |          |         |                                                                                    |
| @I_vUserDefine3a               | char      | 31     |          |         |                                                                                    |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefine4a               | char      | 31     |          |         |             |
| @I_vUserDefine5a               | char      | 31     |          |         |             |
| @I_vUserDefine9a               | datetime  | 8      |          |         |             |
| @I_vStartUpDate                | datetime  | 8      |          |         |             |
| @I_vShutdownMonth              | smallint  | 2      |          |         |             |
| @I_vStartupMonth               | smallint  | 2      |          |         |             |
| @I_vOperatingHours<br>PerMonth | smallint  | 2      |          |         |             |
| @I_vTotalControlsPer<br>Unit   | smallint  | 2      |          |         |             |
| @I_vTotalControlsQty           | smallint  | 2      |          |         |             |
| @I_vShutdownJan                | smallint  | 2      |          |         |             |
| @I_vShutdownFeb                | smallint  | 2      |          |         |             |
| @I_vShutdownMar                | smallint  | 2      |          |         |             |
| @I_vShutdownApr                | smallint  | 2      |          |         |             |
| @I_vShutdownMay                | smallint  | 2      |          |         |             |
| @I_vShutdownJun                | smallint  | 2      |          |         |             |
| @I_vShutdownJul                | smallint  | 2      |          |         |             |
| @I_vShutdownAug                | smallint  | 2      |          |         |             |
| @I_vShutdownSep                | smallint  | 2      |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vShutdownOct             | smallint  | 2      |          |         |             |
| @I_vShutdownNov             | smallint  | 2      |          |         |             |
| @I_vShutdownDec             | smallint  | 2      |          |         |             |
| @I_vAutoDate                | datetime  | 8      |          |         |             |
| @I_vPMGroup                 | char      | 3      |          |         |             |
| @I_vID1                     | char      | 11     |          |         |             |
| @I_vID2                     | char      | 11     |          |         |             |
| @I_vStartupBy               | char      | 51     |          |         |             |
| @I_vStartupJobNumber        | char      | 17     |          |         |             |
| @I_vShippedDate             | datetime  | 8      |          |         |             |
| @I_vVibrationDate           | datetime  | 8      |          |         |             |
| @I_vOverhaulDate            | datetime  | 8      |          |         |             |
| @I_vECTDate                 | datetime  | 8      |          |         |             |
| @I_vConversionDate          | datetime  | 8      |          |         |             |
| @I_vBlanketPOCheck box      | tinyint   | 1      |          |         |             |
| @I_vBlanketPONumber         | char      | 17     |          |         |             |
| @I_vOriginalBlanketPOAmount | numeric   | 9      |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vBlanketPOAmountSpent    | numeric   | 9      |          |         |             |
| @I_vBlanketPOAmountRemainin | numeric   | 9      |          |         |             |
| @I_vBlanketPOExpirationDate | datetime  | 8      |          |         |             |
| @I_vServiceUserDefinition1  | char      | 21     |          |         |             |
| @I_vServiceUserDefinition2  | char      | 21     |          |         |             |
| @I_vServiceUserDefinition3  | char      | 31     |          |         |             |
| @I_vServiceUserDefinition4  | char      | 31     |          |         |             |
| @I_vServiceUserDefinition5  | int       | 4      |          |         |             |
| @I_vServiceUserDefinition6  | int       | 4      |          |         |             |
| @I_vServiceUserDefinition7  | int       | 4      |          |         |             |
| @I_vServiceUserDefinition8  | int       | 4      |          |         |             |
| @I_vServiceUserDefinition9  | datetime  | 8      |          |         |             |
| @I_vServiceUserDefinition10 | datetime  | 8      |          |         |             |
| @I_vServiceUserDefinition11 | datetime  | 8      |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefin<br>e12 | datetime  | 8      |          |         |             |
| @I_vServiceUserDefin<br>e18 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefin<br>e19 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefin<br>e20 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefin<br>e21 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefin<br>e22 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefin<br>e23 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefin<br>e24 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefin<br>e25 | numeric   | 9      |          |         |             |
| @I_vTimeZone                | char      | 3      |          |         |             |
| @I_vWSReservedCB1           | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB2           | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB3           | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB4           | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB5           | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB6           | tinyint   | 1      |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description                                             |
|---------------------------|-----------|--------|----------|---------|---------------------------------------------------------|
| @I_vWSReservedCB7         | tinyint   | 1      |          |         |                                                         |
| @I_vWSReservedCB8         | tinyint   | 1      |          |         |                                                         |
| @I_vWSReservedCB9         | tinyint   | 1      |          |         |                                                         |
| @I_vWSReservedCB10        | tinyint   | 1      |          |         |                                                         |
| @I_vWSReservedSTR1        | char      | 11     |          |         |                                                         |
| @I_vWSReservedSTR2        | char      | 11     |          |         |                                                         |
| @I_vOutOfServiceFlag      | tinyint   | 1      |          |         |                                                         |
| @I_vOutOfServiceDate      | datetime  | 8      |          |         |                                                         |
| @I_vOutOfServiceTime      | datetime  | 8      |          |         |                                                         |
| @I_vOutOfServiceBy        | char      | 15     |          |         |                                                         |
| @I_vOutOfServiceReason    | char      | 31     |          |         |                                                         |
| @I_vInactiveRetiredFlag   | tinyint   | 1      |          |         | Validated - Cannot be 1 when open contract is specified |
| @I_vEquipmentDescription2 | char      | 51     |          |         |                                                         |
| @I_vItemNumber            | char      | 31     |          |         |                                                         |
| @I_vSerialNumber          | char      | 21     |          |         |                                                         |
| @I_vUpdateIfExists        | tinyint   | 1      |          |         |                                                         |

| Element Name                 | Data Type | Length | Required | Default | Description                        |
|------------------------------|-----------|--------|----------|---------|------------------------------------|
| @I_vWennSoftTables Only      | tinyint   | 1      |          |         |                                    |
| @I_vOnlyValidate             | tinyint   | 1      |          |         |                                    |
| @I_vUSRDEFND1                | char      | 50     |          |         |                                    |
| @I_vUSRDEFND2                | char      | 50     |          |         |                                    |
| @I_vUSRDEFND3                | char      | 50     |          |         |                                    |
| @I_vUSRDEFND4                | varchar   | 8000   |          |         |                                    |
| @I_vUSRDEFND5                | varchar   | 8000   |          |         |                                    |
| @I_vReturnErrorText          | tinyint   | 1      |          |         |                                    |
| @O_iErrorState               | int       | 4      |          |         |                                    |
| @oErrString                  | varchar   | 255    |          |         |                                    |
| @I_vEquip_Description_Long   | char      | 255    |          |         |                                    |
| @I_vOptimalCharge            | numeric   | 9      |          |         |                                    |
| @I_vRefrigerantTypeID        | int       | 4      |          |         |                                    |
| @I_vRefrigerantEquipmentType | smallint  | 2      |          | 0       | Must match record in SV40181 table |
| @I_vLatitude                 | numeric   | 9      |          |         |                                    |
| @I_vLongitude                | numeric   | 9      |          |         |                                    |
| @I_vBuildingID               | char      | 30     |          |         |                                    |
| @I_vBuildingRoom             | char      | 30     |          |         |                                    |



## wsISMSEquipmentContract

### Table Name: SV00403

**Other stored procedures called:** wsiSMSEquipmentContractPre, wsiSMSEquipmentContractPost

**Description:**

This procedure will allow you to insert/update records into the SV00403 equipment contract coverage table. This table establishes the relationship between contracts and the equipment that is assigned to them.

| Element Name                 | Data Type | Length | Required | Default | Description         |
|------------------------------|-----------|--------|----------|---------|---------------------|
| @I_vCustomerNumber           | char      | 15     | Yes      |         | Validated - RM00101 |
| @I_vAddressCode              | char      | 15     | Yes      |         | Validated - RM00102 |
| @I_vWSContractNumber         | char      | 11     | Yes      |         | Validated - SV00500 |
| @I_vWSContractNumberSequence | int       | 10     | Yes      |         | Validated - SV00500 |
| @I_vEquipmentID              | char      | 31     | Yes      |         | Validated - SV00400 |
| @I_vServiceUserDefine 1      | char      | 21     | No       | '       |                     |
| @I_vServiceUserDefine 2      | char      | 21     | No       | '       |                     |
| @I_vServiceUserDefine 3      | char      | 31     | No       | '       |                     |
| @I_vServiceUserDefine 4      | char      | 31     | No       | '       |                     |
| @I_vServiceUserDefine 5      | int       | 10     | No       | 0       |                     |
| @I_vServiceUserDefine 6      | int       | 10     | No       | 0       |                     |

| Element Name             | Data Type | Length | Required | Default   | Description |
|--------------------------|-----------|--------|----------|-----------|-------------|
| @I_vServiceUserDefine 7  | int       | 10     | No       | 0         |             |
| @I_vServiceUserDefine 8  | int       | 10     | No       | 0         |             |
| @I_vServiceUserDefine 9  | datetime  |        | No       | 1/1/1900' |             |
| @I_vServiceUserDefine 10 | datetime  |        | No       | 1/1/1900' |             |
| @I_vServiceUserDefine 11 | datetime  |        | No       | 1/1/1900' |             |
| @I_vServiceUserDefine 12 | datetime  |        | No       | 1/1/1900' |             |
| @I_vServiceUserDefine 18 | tinyint   | 3      | No       | 0         |             |
| @I_vServiceUserDefine 19 | tinyint   | 3      | No       | 0         |             |
| @I_vServiceUserDefine 20 | tinyint   | 3      | No       | 0         |             |
| @I_vServiceUserDefine 21 | tinyint   | 3      | No       | 0         |             |
| @I_vServiceUserDefine 22 | numeric   | 19,5   | No       | 0         |             |
| @I_vServiceUserDefine 23 | numeric   | 19,5   | No       | 0         |             |
| @I_vServiceUserDefine 24 | numeric   | 19,5   | No       | 0         |             |
| @I_vServiceUserDefine 25 | numeric   | 19,5   | No       | 0         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB1      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB2      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB3      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB4      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB5      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB6      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB7      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB8      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB9      | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedCB10     | tinyint   | 3      | No       | 0       |             |
| @I_vWSReservedSTR1     | char      | 11     | No       | '       |             |
| @I_vWSReservedSTR2     | char      | 11     | No       | '       |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       | '       |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND5       | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## wsISMSInvoice

### Table Name: SV00700

**Description:**

Describe what the WSI procedure does in regards to a business goal.

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceCallID     | char      | 17     | Yes      |         |             |
| @I_vCustomerNumber    | char      | 15     | No       |         |             |
| @I_vCallInvoiceNumber | char      | 17     | Yes      |         |             |
| @I_vAddressCode       | char      | 15     | No       |         |             |
| @I_vInvoiceType       | smallint  | 5      | No       |         |             |
| @I_vWennsoftAffiliate | char      | 15     | No       |         |             |
| @I_vWennsoftRegion    | char      | 15     | No       |         |             |
| @I_vWennsoftBranch    | char      | 15     | No       |         |             |
| @I_vUserID            | char      | 15     | No       |         |             |
| @I_vTechnicianID      | char      | 15     | No       |         |             |
| @I_vTechnicianTeam    | char      | 15     | No       |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vTechnicianID2           | char      | 15     | No       |         |             |
| @I_vCorporateInvoiceNumber  | char      | 17     | No       |         |             |
| @I_vCorporateCustomerNumber | char      | 15     | No       |         |             |
| @I_vBatchNumber             | char      | 15     | No       |         |             |
| @I_vBatchSource             | char      | 15     | No       |         |             |
| @I_vLaborCostCatagory1      | numeric   | 19,5   | No       |         |             |
| @I_vLaborCostCatagory2      | numeric   | 19,5   | No       |         |             |
| @I_vLaborCostCatagory3      | numeric   | 19,5   | No       |         |             |
| @I_vLaborCostCatagory4      | numeric   | 19,5   | No       |         |             |
| @I_vLaborCostCatagory5      | numeric   | 19,5   | No       |         |             |
| @I_vCostEquipment           | numeric   | 19,5   | No       |         |             |
| @I_vCostMaterial            | numeric   | 19,5   | No       |         |             |
| @I_vCostLabor               | numeric   | 19,5   | No       |         |             |
| @I_vCostSubs                | numeric   | 19,5   | No       |         |             |
| @I_vCostOther               | numeric   | 19,5   | No       |         |             |
| @I_vCostTax                 | numeric   | 19,5   | No       |         |             |
| @I_vCostAll                 | numeric   | 19,5   | No       |         |             |
| @I_vLaborBillingCatagory1   | numeric   | 19,5   | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vLaborBillingCatagory<br>2 | numeric   | 19,5   | No       |         |             |
| @I_vLaborBillingCatagory<br>3 | numeric   | 19,5   | No       |         |             |
| @I_vLaborBillingCatagory<br>4 | numeric   | 19,5   | No       |         |             |
| @I_vLaborBillingCatagory<br>5 | numeric   | 19,5   | No       |         |             |
| @I_vBillableEquipment         | numeric   | 19,5   | No       |         |             |
| @I_vBillableMaterial          | numeric   | 19,5   | No       |         |             |
| @I_vBillableLabor             | numeric   | 19,5   | No       |         |             |
| @I_vBillableSubs              | numeric   | 19,5   | No       |         |             |
| @I_vBillableOther             | numeric   | 19,5   | No       |         |             |
| @I_vTaxDetailID1              | char      | 15     | No       |         |             |
| @I_vTaxAmount1                | numeric   | 19,5   | No       |         |             |
| @I_vTaxDetailID2              | char      | 15     | No       |         |             |
| @I_vTaxAmount2                | numeric   | 19,5   | No       |         |             |
| @I_vTaxDetailID3              | char      | 15     | No       |         |             |
| @I_vTaxAmount3                | numeric   | 19,5   | No       |         |             |
| @I_vTaxDetailID4              | char      | 15     | No       |         |             |
| @I_vTaxAmount4                | numeric   | 19,5   | No       |         |             |
| @I_vBillableTax               | numeric   | 19,5   | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillableAll        | numeric   | 19,5   | No       |         |             |
| @I_vBillingAmountFixed | numeric   | 19,5   | No       |         |             |
| @I_vBillingAmountNTE   | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount1       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount2       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount3       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount4       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount5       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount6       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount7       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount8       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount9       | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount10      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount11      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount12      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount13      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount14      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount15      | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount16      | numeric   | 19,5   | No       |         |             |

| Element Name      | Data Type | Length | Required | Default | Description |
|-------------------|-----------|--------|----------|---------|-------------|
| @I_vTotalAmount17 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount18 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount19 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount20 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount21 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount22 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount23 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount24 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount25 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount26 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount27 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount28 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount29 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount30 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount31 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount32 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount33 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount34 | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount35 | numeric   | 19,5   | No       |         |             |



| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vTotalAmount36           | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount37           | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount38           | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount39           | numeric   | 19,5   | No       |         |             |
| @I_vTotalAmount40           | numeric   | 19,5   | No       |         |             |
| @I_vAccountAmount           | numeric   | 19,5   | No       |         |             |
| @I_vPaymentTermsID          | char      | 21     | No       |         |             |
| @I_vTaxScheduleID           | char      | 15     | No       |         |             |
| @I_vInvoiceCommentID1       | smallint  | 5      | No       |         |             |
| @I_vInvoiceCommentID2       | smallint  | 5      | No       |         |             |
| @I_vCashAmount              | numeric   | 19,5   | No       |         |             |
| @I_vDocumentDate            | datetime  |        | No       |         |             |
| @I_vSalespersonID           | char      | 15     | No       |         |             |
| @I_vCommissionPercent       | smallint  | 5      | No       |         |             |
| @I_vCommissionPercentofSale | smallint  | 5      | No       |         |             |
| @I_vCommissionEarnings      | numeric   | 19,5   | No       |         |             |
| @I_vSalesTerritory          | char      | 15     | No       |         |             |
| @I_vSalespersonID2          | char      | 15     | No       |         |             |
| @I_vCommissionPercent2      | smallint  | 5      | No       |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vCommissionPercentofSale2 | smallint  | 5      | No       |         |             |
| @I_vCommissionEarnings2      | numeric   | 19,5   | No       |         |             |
| @I_vSalesTerritory2          | char      | 15     | No       |         |             |
| @I_vPurchaseOrderNumber      | char      | 21     | No       |         |             |
| @I_vTradeDiscountAmount      | numeric   | 19,5   | No       |         |             |
| @I_vCheckbookIDCheck         | char      | 15     | No       |         |             |
| @I_vCashDate                 | datetime  |        | No       |         |             |
| @I_vDocumentNumberCash       | char      | 21     | No       |         |             |
| @I_vCheckAmount              | numeric   | 19,5   | No       |         |             |
| @I_vCheckbookIDCreditCard    | char      | 15     | No       |         |             |
| @I_vCheckNumber              | char      | 21     | No       |         |             |
| @I_vCheckDate                | datetime  |        | No       |         |             |
| @I_vDocumentNumberCheck      | char      | 21     | No       |         |             |
| @I_vDocumentNumberCreditCard | char      | 21     | No       |         |             |
| @I_vCreditCardAmount         | numeric   | 19,5   | No       |         |             |
| @I_vCreditCardName           | char      | 15     | No       |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vReceiptNumberCreditCard  | char      | 21     | No       |         |             |
| @I_vCreditCardDate           | datetime  |        | No       |         |             |
| @I_vDiscountTakenAmount      | numeric   | 19,5   | No       |         |             |
| @I_vCheckbookIDCash          | char      | 15     | No       |         |             |
| @I_vWennsoftPostingStatus    | char      | 1      | No       |         |             |
| @I_vPostedDate               | datetime  |        | No       |         |             |
| @I_vInvoiceStyle             | smallint  | 5      | No       |         |             |
| @I_vNoTimesPrinted           | smallint  | 5      | No       |         |             |
| @I_vPrintedDate              | datetime  |        | No       |         |             |
| @I_vChangedSincePrintingFlag | tinyint   | 3      | No       |         |             |
| @I_vDocumentAmount           | numeric   | 19,5   | No       |         |             |
| @I_vDiscountPercentAmount    | smallint  | 5      | No       |         |             |
| @I_vDiscountDollarAmount     | numeric   | 19,5   | No       |         |             |
| @I_vDiscountAvailableAmount  | numeric   | 19,5   | No       |         |             |
| @I_vDiscountDate             | datetime  |        | No       |         |             |
| @I_vDueDate                  | datetime  |        | No       |         |             |

| Element Name                      | Data Type | Length | Required | Default | Description |
|-----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vRMDocumentNumber<br>WORK      | char      | 17     | No       |         |             |
| @I_vRMDocumentTypeAll             | smallint  | 5      | No       |         |             |
| @I_vDatePaid                      | datetime  |        | No       |         |             |
| @I_vAmountRecieved                | numeric   | 19,5   | No       |         |             |
| @I_vCorporateContractNu<br>mber   | char      | 21     | No       |         |             |
| @I_vWSMasterContractSe<br>qNumber | int       | 10     | No       |         |             |
| @I_vWSContractNumber              | char      | 11     | No       |         |             |
| @I_vWSContractNumbersS<br>equence | int       | 10     | No       |         |             |
| @I_vTaxDate                       | datetime  |        | No       |         |             |
| @I_vLaborGroupName                | char      | 15     | No       |         |             |
| @I_vPricingMatrixName             | char      | 15     | No       |         |             |
| @I_vTravelRateName                | char      | 15     | No       |         |             |
| @I_vBillCustomerNumber            | char      | 15     | No       |         |             |
| @I_vBillAddressCode               | char      | 15     | No       |         |             |
| @I_vServiceUserDefine1            | char      | 21     | No       |         |             |
| @I_vServiceUserDefine2            | char      | 21     | No       |         |             |
| @I_vServiceUserDefine3            | char      | 31     | No       |         |             |
| @I_vServiceUserDefine4            | char      | 31     | No       |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine5  | int       | 10     | No       |         |             |
| @I_vServiceUserDefine6  | int       | 10     | No       |         |             |
| @I_vServiceUserDefine7  | int       | 10     | No       |         |             |
| @I_vServiceUserDefine8  | int       | 10     | No       |         |             |
| @I_vServiceUserDefine9  | datetime  |        | No       |         |             |
| @I_vServiceUserDefine10 | datetime  |        | No       |         |             |
| @I_vServiceUserDefine11 | datetime  |        | No       |         |             |
| @I_vServiceUserDefine12 | datetime  |        | No       |         |             |
| @I_vServiceUserDefine18 | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine19 | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine20 | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine21 | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine22 | numeric   | 19,5   | No       |         |             |
| @I_vServiceUserDefine23 | numeric   | 19,5   | No       |         |             |
| @I_vServiceUserDefine24 | numeric   | 19,5   | No       |         |             |
| @I_vServiceUserDefine25 | numeric   | 19,5   | No       |         |             |
| @I_vTimeZone            | char      | 3      | No       |         |             |
| @I_vSVLanguageID        | smallint  | 5      | No       |         |             |
| @I_vWSReservedCB1       | tinyint   | 3      | No       |         |             |

| Element Name                     | Data Type | Length  | Required | Default | Description |
|----------------------------------|-----------|---------|----------|---------|-------------|
| @I_vWSReservedCB2                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB3                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB4                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB5                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB6                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB7                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB8                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB9                | tinyint   | 3       | No       |         |             |
| @I_vWSReservedCB10               | tinyint   | 3       | No       |         |             |
| @I_vWSReservedSTR1               | char      | 11      | No       |         |             |
| @I_vWSReservedSTR2               | char      | 11      | No       |         |             |
| @I_vInvoiceShortDescription      | char      | 31      | No       |         |             |
| @I_vManualSalesDistribution      | tinyint   | 3       | No       |         |             |
| @I_vManualCommissionDistribution | tinyint   | 3       | No       |         |             |
| @I_vDEXROWID                     | int       | 10      | No       |         |             |
| @I_vInvoiceDescription           | text      | 2.1E+09 | No       |         |             |
| @I_vUpdateIfExists               | tinyint   | 3       | Yes      | 0       |             |
| @I_vWennSoftTablesOnly           | tinyint   | 3       | Yes      | 0       |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vOnlyValidate    | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1       | char      | 50     | No       |         |             |
| @I_vUSRDEFND2       | char      | 50     | No       |         |             |
| @I_vUSRDEFND3       | char      | 50     | No       |         |             |
| @I_vUSRDEFND4       | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       |         |             |

## wsISMSJobCostsHistory

- [Table: SV000815 \(page 213\)](#)
- [Error Codes \(page 221\)](#)

**Table: SV000815**

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndexCredit    | int       |        |          |         |             |
| @I_vAccountIndexDebit     | int       |        |          |         |             |
| @I_vAddedRate             | tinyint   |        |          |         |             |
| @I_vAddNewEquipmentRecord | tinyint   |        |          |         |             |
| @I_vAddressCode           | char      | 15     |          |         |             |

| Element Name                     | Data Type | Length | Required | Default | Description |
|----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vAppointment                  | char      | 25     |          |         |             |
| @I_vBaseCurrConversionFactor     | numeric   | 19,7   |          |         |             |
| @I_vBaseCurrencyID               | char      | 15     |          |         |             |
| @I_vBatchNumber                  | char      | 15     |          |         |             |
| @I_vBatchSource                  | char      | 15     |          |         |             |
| @I_vBillableCheckBox             | tinyint   |        |          |         |             |
| @I_vBilledToJob                  | numeric   | 19,5   |          |         |             |
| @I_vBillingAmount                | numeric   | 19,5   |          |         |             |
| @I_vBillingCurrConversion Factor | numeric   | 19,7   |          |         |             |
| @I_vBillingCurrencyID            | char      | 15     |          |         |             |
| @I_vBillingRate                  | numeric   | 19,5   |          |         |             |
| @I_vCallInvoiceNumber            | char      | 17     |          |         |             |
| @I_vCostCodeDescription          | char      | 31     |          |         |             |
| @I_vCustomerNumber               | char      | 15     |          |         |             |
| @I_vDivisions                    | char      | 15     |          |         |             |
| @I_vDocumentAmount               | numeric   | 19,5   |          |         |             |
| @I_vDocumentDate                 | datetime  |        |          |         |             |
| @I_vDocumentType                 | smallint  |        |          |         |             |



| Element Name                      | Data Type | Length | Required | Default | Description |
|-----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vDynamicsStatus                | char      | 5      |          |         |             |
| @I_vEmployeeID                    | char      | 15     |          |         |             |
| @I_vEmployeeName                  | char      | 41     |          |         |             |
| @I_vEquipmentID                   | char      | 31     |          |         |             |
| @I_vEquipmentType                 | char      | 31     |          |         |             |
| @I_vExtendedCost                  | numeric   | 19,5   |          |         |             |
| @I_vGLPostingDate                 | datetime  |        |          |         |             |
| @I_vInvoiceAccountIndex<br>Credit | int       |        |          |         |             |
| @I_vInvoiceAccountIndex<br>Debit  | int       |        |          |         |             |
| @I_vItemDescription               | char      | 101    |          |         |             |
| @I_vItemNumber                    | char      | 31     |          |         |             |
| @I_vJobTitle                      | char      | 7      |          |         |             |
| @I_vJobType                       | char      | 7      |          |         |             |
| @I_vJournalEntry                  | int       |        |          |         |             |
| @I_vLaborGroupName                | char      | 15     |          |         |             |
| @I_vLocalCurrencyID               | char      | 15     |          |         |             |
| @I_vManufacturerID                | char      | 15     |          |         |             |
| @I_vNewEquipmentID                | char      | 11     |          |         |             |

| Element Name                          | Data Type | Length | Required | Default | Description |
|---------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vNoteCheckbox                      | tinyint   |        |          |         |             |
| @I_vOHAccountIndexCR                  | int       |        |          |         |             |
| @I_vOHAccountIndexDR                  | int       |        |          |         |             |
| @I_vOHAmount                          | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate                      | tinyint   |        |          |         |             |
| @I_vOverheadWIPAccount<br>IndexCredit | int       |        |          |         |             |
| @I_vPayRate                           | numeric   | 19,5   |          |         |             |
| @I_vPayRecord                         | char      | 7      |          |         |             |
| @I_vPricingMatrixName                 | char      | 15     |          |         |             |
| @I_vPYADNMBR                          | int       |        |          |         |             |
| @I_vReferenceTRXNumber                | char      | 17     |          |         |             |
| @I_vReturnErrorText                   | tinyint   |        |          |         |             |
| @I_vREVSETRX                          | tinyint   |        |          |         |             |
| @I_vSequenceNumber                    | int       |        |          |         |             |
| @I_vServiceCallID                     | char      | 17     |          |         |             |
| @I_vServiceUserDefine1                | char      | 21     |          |         |             |
| @I_vServiceUserDefine10               | datetime  |        |          |         |             |
| @I_vServiceUserDefine11               | datetime  |        |          |         |             |
| @I_vServiceUserDefine12               | datetime  |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine18 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine19 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine2  | char      | 21     |          |         |             |
| @I_vServiceUserDefine20 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine21 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine22 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine23 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine24 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine25 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine5  | int       |        |          |         |             |
| @I_vServiceUserDefine6  | int       |        |          |         |             |
| @I_vServiceUserDefine7  | int       |        |          |         |             |
| @I_vServiceUserDefine8  | int       |        |          |         |             |
| @I_vServiceUserDefine9  | datetime  |        |          |         |             |
| @I_vShiftCode           | char      | 7      |          |         |             |
| @I_vShiftPremium        | numeric   | 19,5   |          |         |             |
| @I_vSub_Task_Code       | char      | 11     |          |         |             |
| @I_vSVLanguageID        | smallint  |        |          |         |             |
| @I_vTaskCode            | char      | 11     |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vTaxable                | tinyint   |        |          |         |             |
| @I_vTechnicianID           | char      | 15     |          |         |             |
| @I_vTechnicianTeam         | char      | 15     |          |         |             |
| @I_vTimeZone               | char      | 3      |          |         |             |
| @I_vTransactionDescription | char      | 31     |          |         |             |
| @I_vTransactionSource      | char      | 25     |          |         |             |
| @I_vTravelRateName         | char      | 15     |          |         |             |
| @I_vTravelTransaction      | tinyint   |        |          |         |             |
| @I_vTRXHoursUnits          | int       |        |          |         |             |
| @I_vTRXHoursUnitsBill      | int       |        |          |         |             |
| @I_vTRXQTY                 | numeric   | 19,5   |          |         |             |
| @I_vTRXQTYBILL             | numeric   | 19,5   |          |         |             |
| @I_vUnitCost               | numeric   | 19,5   |          |         |             |
| @I_vUnitPrice              | numeric   | 19,5   |          |         |             |
| @I_vUOfM                   | char      | 9      |          |         |             |
| @I_vUpdateIfExists         | tinyint   |        |          |         |             |
| @I_vUserID                 | char      | 15     |          |         |             |
| @I_vUSRDEFND1              | char      | 50     |          |         |             |
| @I_vUSRDEFND2              | char      | 50     |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND3             | char      | 50     |          |         |             |
| @I_vUSRDEFND4             | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5             | varchar   | 8000   |          |         |             |
| @I_vVendorID              | char      | 15     |          |         |             |
| @I_vVendorName            | char      | 65     |          |         |             |
| @I_vVOIDPYADNMBR          | int       |        |          |         |             |
| @I_vVoucherNumberWORK     | char      | 17     |          |         |             |
| @I_vWennsoftAffiliate     | char      | 15     |          |         |             |
| @I_vWennsoftBranch        | char      | 15     |          |         |             |
| @I_vWennsoftModelNumber   | char      | 21     |          |         |             |
| @I_vWennsoftRegion        | char      | 15     |          |         |             |
| @I_vWennsoftSerialNumber  | char      | 41     |          |         |             |
| @I_vWennsoftStatus        | char      | 5      |          |         |             |
| @I_vWennSoftTablesOnly    | tinyint   |        |          |         |             |
| @I_vWIPAccountIndexCredit | int       |        |          |         |             |
| @I_vWS_Grouped            | tinyint   |        |          |         |             |
| @I_vWSCommittedCost       | numeric   | 19,5   |          |         |             |
| @I_vWSCostCode            | int       |        |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSCreatedDate      | datetime  |        |          |         |             |
| @I_vWSCreatedTime      | datetime  |        |          |         |             |
| @I_vWSExtendedCost     | numeric   | 19,5   |          |         |             |
| @I_vWSJobName          | char      | 31     |          |         |             |
| @I_vWSOtherCostSubCode | int       |        |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedCB6      | tinyint   |        |          |         |             |
| @I_vWSReservedCB7      | tinyint   |        |          |         |             |
| @I_vWSReservedCB8      | tinyint   |        |          |         |             |
| @I_vWSReservedCB9      | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1     | char      | 11     |          |         |             |
| @I_vWSReservedSTR2     | char      | 11     |          |         |             |
| @I_vWSTransactionNote  | varchar   | 8000   |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |

| Element Name | Data Type | Length | Required | Default | Description |
|--------------|-----------|--------|----------|---------|-------------|
| @oErrString  | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                                                |
|------------|--------------------------------------------------------------------------------------------|
| 51000      | Customer Number does not exist in Service.                                                 |
| 51001      | Customer Number does not exist in Microsoft Business Solutions.                            |
| 51016      | The Service Call does not exist in Signature.                                              |
| 51050      | An error occurred during an update or insert into a Signature table.                       |
| 52026      | The Location does not exist in Signature.                                                  |
| 52027      | The Location does not exist in Microsoft Business Solutions.                               |
| 52028      | The Primary Bill To Location is not set for this Customer in Microsoft Business Solutions. |
| 52032      | Employee doesn't exist                                                                     |
| 52034      | Employee is inactive                                                                       |
| 52036      | The Pay Code is empty or missing.                                                          |
| 52037      | Pay code can't be all.                                                                     |
| 52038      | The Pay Code is inactive.                                                                  |
| 52039      | This is not a valid pay code for this labor group and position.                            |
| 52040      | The Pay Code does not exist for this employee.                                             |
| 52041      | The Labor Group does not exist.                                                            |
| 52042      | The Pricing Matrix does not exist.                                                         |

## wsSMSJobCostsWork

- [Table: SV000810 \(page 222\)](#)
- [Error Codes \(page 229\)](#)

**Table: SV000810**

| Element Name                    | Data Type | Length | Required | Default | Description |
|---------------------------------|-----------|--------|----------|---------|-------------|
| @I_vAccountIndexCredit          | int       |        |          |         |             |
| @I_vAccountIndexDebit           | int       |        |          |         |             |
| @I_vAddedRate                   | tinyint   |        |          |         |             |
| @I_vAddNewEquipmentRecord       | tinyint   |        |          |         |             |
| @I_vAddressCode                 | char      | 15     |          |         |             |
| @I_vBaseCurrConversionFactor    | numeric   | 19,7   |          |         |             |
| @I_vBaseCurrencyID              | char      | 15     |          |         |             |
| @I_vBatchNumber                 | char      | 15     |          |         |             |
| @I_vBatchSource                 | char      | 15     |          |         |             |
| @I_vBillableCheckBox            | tinyint   |        |          |         |             |
| @I_vBilledToJob                 | numeric   | 19,5   |          |         |             |
| @I_vBillingAmount               | numeric   | 19,5   |          |         |             |
| @I_vBillingCurrConversionFactor | numeric   | 19,7   |          |         |             |
| @I_vBillingCurrencyID           | char      | 15     |          |         |             |



| Element Name                      | Data Type | Length | Required | Default | Description |
|-----------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillingRate                   | numeric   | 19,5   |          |         |             |
| @I_vCallInvoiceNumber             | char      | 17     |          |         |             |
| @I_vCostCodeDescription           | char      | 31     |          |         |             |
| @I_vCustomerNumber                | char      | 15     |          |         |             |
| @I_vDivisions                     | char      | 15     |          |         |             |
| @I_vDocumentAmount                | numeric   | 19,5   |          |         |             |
| @I_vDocumentDate                  | datetime  |        |          |         |             |
| @I_vDocumentType                  | smallint  |        |          |         |             |
| @I_vDynamicsStatus                | char      | 5      |          |         |             |
| @I_vEmployeeID                    | char      | 15     |          |         |             |
| @I_vEmployeeName                  | char      | 41     |          |         |             |
| @I_vEquipmentID                   | char      | 31     |          |         |             |
| @I_vEquipmentType                 | char      | 31     |          |         |             |
| @I_vExtendedCost                  | numeric   | 19,5   |          |         |             |
| @I_vGLPostingDate                 | datetime  |        |          |         |             |
| @I_vInvoiceAccountIndex<br>Credit | int       |        |          |         |             |
| @I_vInvoiceAccountIndex<br>Debit  | int       |        |          |         |             |
| @I_vItemDescription               | char      | 101    |          |         |             |

| Element Name                          | Data Type | Length | Required | Default | Description |
|---------------------------------------|-----------|--------|----------|---------|-------------|
| @I_vItemNumber                        | char      | 31     |          |         |             |
| @I_vJobTitle                          | char      | 7      |          |         |             |
| @I_vJobType                           | char      | 7      |          |         |             |
| @I_vJournalEntry                      | int       |        |          |         |             |
| @I_vLaborGroupName                    | char      | 15     |          |         |             |
| @I_vLocalCurrencyID                   | char      | 15     |          |         |             |
| @I_vManufacturerID                    | char      | 15     |          |         |             |
| @I_vNewEquipmentID                    | char      | 11     |          |         |             |
| @I_vNonBillable                       | tinyint   |        |          |         |             |
| @I_vNoteCheckbox                      | tinyint   |        |          |         |             |
| @I_vOHAccountIndexCR                  | int       |        |          |         |             |
| @I_vOHAccountIndexDR                  | int       |        |          |         |             |
| @I_vOHAmount                          | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate                      | tinyint   |        |          |         |             |
| @I_vOverheadWIPAccount<br>IndexCredit | int       |        |          |         |             |
| @I_vPayRate                           | numeric   | 19,5   |          |         |             |
| @I_vPayRecord                         | char      | 7      |          |         |             |
| @I_vPricingMatrixName                 | char      | 15     |          |         |             |
| @I_vPYADNMBR                          | int       |        |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vReferenceTRXNumber  | char      | 17     |          |         |             |
| @I_vReturnErrorText     | tinyint   |        |          |         |             |
| @I_vREVSETRX            | tinyint   |        |          |         |             |
| @I_vSequenceNumber      | int       |        |          |         |             |
| @I_vServiceCallID       | char      | 17     |          |         |             |
| @I_vServiceUserDefine1  | char      | 21     |          |         |             |
| @I_vServiceUserDefine10 | datetime  |        |          |         |             |
| @I_vServiceUserDefine11 | datetime  |        |          |         |             |
| @I_vServiceUserDefine12 | datetime  |        |          |         |             |
| @I_vServiceUserDefine18 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine19 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine2  | char      | 21     |          |         |             |
| @I_vServiceUserDefine20 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine21 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine22 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine23 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine24 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine25 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine5  | int       |        |          |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine6     | int       |        |          |         |             |
| @I_vServiceUserDefine7     | int       |        |          |         |             |
| @I_vServiceUserDefine8     | int       |        |          |         |             |
| @I_vServiceUserDefine9     | datetime  |        |          |         |             |
| @I_vShiftCode              | char      | 7      |          |         |             |
| @I_vShiftPremium           | numeric   | 19,5   |          |         |             |
| @I_vSVLanguageID           | smallint  |        |          |         |             |
| @I_vTask_Account           | int       |        |          |         |             |
| @I_vTaskCode               | char      | 11     |          |         |             |
| @I_vTaxable                | tinyint   |        |          |         |             |
| @I_vTechnicianID           | char      | 15     |          |         |             |
| @I_vTechnicianTeam         | char      | 15     |          |         |             |
| @I_vTimeZone               | char      | 3      |          |         |             |
| @I_vTransactionDescription | char      | 31     |          |         |             |
| @I_vTransactionSource      | char      | 25     |          |         |             |
| @I_vTravelRateName         | char      | 15     |          |         |             |
| @I_vTravelTransaction      | tinyint   |        |          |         |             |
| @I_vTRXHoursUnits          | int       |        |          |         |             |
| @I_vTRXHoursUnitsBill      | int       |        |          |         |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vTRXQTY            | numeric   | 19,5   |          |         |             |
| @I_vTRXQTYBILL        | numeric   | 19,5   |          |         |             |
| @I_vUnitCost          | numeric   | 19,5   |          |         |             |
| @I_vUnitPrice         | numeric   | 19,5   |          |         |             |
| @I_vUOfM              | char      | 9      |          |         |             |
| @I_vUpdateIfExists    | tinyint   |        |          |         |             |
| @I_vUserID            | char      | 15     |          |         |             |
| @I_vUSRDEFND1         | char      | 50     |          |         |             |
| @I_vUSRDEFND2         | char      | 50     |          |         |             |
| @I_vUSRDEFND3         | char      | 50     |          |         |             |
| @I_vUSRDEFND4         | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5         | varchar   | 8000   |          |         |             |
| @I_vVendorID          | char      | 15     |          |         |             |
| @I_vVendorName        | char      | 65     |          |         |             |
| @I_vVOIDPYADNMBR      | int       |        |          |         |             |
| @I_vVoucherNumberWORK | char      | 17     |          |         |             |
| @I_vWennsoftAffiliate | char      | 15     |          |         |             |
| @I_vWennsoftBranch    | char      | 15     |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennsoftModelNumber   | char      | 21     |          |         |             |
| @I_vWennsoftRegion        | char      | 15     |          |         |             |
| @I_vWennsoftSerialNumber  | char      | 41     |          |         |             |
| @I_vWennsoftStatus        | char      | 5      |          |         |             |
| @I_vWennSoftTablesOnly    | tinyint   |        |          |         |             |
| @I_vWIPAccountIndexCredit | int       |        |          |         |             |
| @I_vWS_Grouped            | tinyint   |        |          |         |             |
| @I_vWSCommittedCost       | numeric   | 19,5   |          |         |             |
| @I_vWSCostCode            | int       |        |          |         |             |
| @I_vWSCreatedDate         | datetime  |        |          |         |             |
| @I_vWSCreatedTime         | datetime  |        |          |         |             |
| @I_vWSExtendedCost        | numeric   | 19,5   |          |         |             |
| @I_vWSJobName             | char      | 31     |          |         |             |
| @I_vWSOtherCostSubCode    | int       |        |          |         |             |
| @I_vWSReservedCB1         | tinyint   |        |          |         |             |
| @I_vWSReservedCB10        | tinyint   |        |          |         |             |
| @I_vWSReservedCB2         | tinyint   |        |          |         |             |
| @I_vWSReservedCB3         | tinyint   |        |          |         |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB4     | tinyint   |        |          |         |             |
| @I_vWSReservedCB5     | tinyint   |        |          |         |             |
| @I_vWSReservedCB6     | tinyint   |        |          |         |             |
| @I_vWSReservedCB7     | tinyint   |        |          |         |             |
| @I_vWSReservedCB8     | tinyint   |        |          |         |             |
| @I_vWSReservedCB9     | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1    | char      | 11     |          |         |             |
| @I_vWSReservedSTR2    | char      | 11     |          |         |             |
| @I_vWSTransactionNote | varchar   | 8000   |          |         |             |
| @O_iErrorState        | int       |        |          |         |             |
| @oErrString           | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                          |
|------------|----------------------------------------------------------------------|
| 51000      | Customer Number does not exist in Service.                           |
| 51001      | Customer Number does not exist in Microsoft Business Solutions.      |
| 51016      | The Service Call does not exist in Signature.                        |
| 51050      | An error occurred during an update or insert into a Signature table. |
| 52026      | The Location does not exist in Signature.                            |
| 52027      | The Location does not exist in Microsoft Business Solutions.         |

| Error Code | Description                                                                                |
|------------|--------------------------------------------------------------------------------------------|
| 52028      | The Primary Bill To Location is not set for this Customer in Microsoft Business Solutions. |
| 52029      | The Reference Transaction Number is missing or blank.                                      |
| 52030      | The Service Cost Code does not exist.                                                      |
| 52031      | The Document Date is missing or blank.                                                     |
| 52032      | Employee doesn't exist                                                                     |
| 52033      | The Equipment ID does not exist.                                                           |
| 52034      | Employee is inactive                                                                       |
| 52035      | The Position or Job Title does not exist.                                                  |
| 52036      | The Pay Code is empty or missing.                                                          |
| 52037      | Pay code can't be all.                                                                     |
| 52038      | The Pay Code is inactive.                                                                  |
| 52039      | This is not a valid pay code for this labor group and position.                            |
| 52040      | The Pay Code does not exist for this employee.                                             |
| 52041      | The Labor Group does not exist.                                                            |
| 52042      | The Pricing Matrix does not exist.                                                         |
| 52643      | Invalid Transaction Source.                                                                |
| 52644      | Pay codes are only valid for payroll transactions.                                         |

## wsSMSLocation

- [Table Name: SV00200 \(page 231\)](#)
- [Error Codes \(page 241\)](#)



## Table Name: SV00200

**Other tables affected:** RM00102

**Other stored procedures called:** taCreateCustomerAddress

**Description:**

This procedure allows the insert/update of records into the Service Location table. A customer number and address code can be specified and the taCreateCustomerAddress procedure will be called to populate the RM Address Code Table (RM00102)

| Element Name          | Data Type | Length | Required | Default | Description                                                                                                                                 |
|-----------------------|-----------|--------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vCustomerNumber    | char      | 15     | Yes      |         | Validated in SV00100 and RM00101, convert to upper case                                                                                     |
| @I_vAddressCode       | char      | 15     | Yes      |         | Converted to upper case. , Not required if update., Created or updated in RM00102                                                           |
| @I_vLocationName      | char      | 31     | Yes      |         | Not required on updates.                                                                                                                    |
| @I_vWennsoftAffiliate | char      | 15     | Yes      |         | Existing Affiliate in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates |
| @I_vWennsoftRegion    | char      | 15     | Yes      |         | Existing Region in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates    |
| @I_vWennsoftBranch    | char      | 15     | Yes      |         | Existing Branch in sv00015. Only required if 'Use Global Record Identification Records' is marked on in Service. Not Required on Updates    |

| Element Name           | Data Type                                                                                                                                                                                         | Length | Required | Default      | Description                                                                                                                                            |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vLaborGroupName     | char                                                                                                                                                                                              | 15     | Yes      |              | Existing Labor Rate Group in SV000122 or SV000123 (if "Use Overhead Amounts From Job Cost" Service_Option_Box_35 is marked in sv00196 SV_Setup2_MSTR). |
| Convert to uppercase   |                                                                                                                                                                                                   |        |          |              |                                                                                                                                                        |
| Not required on update | if sv00196.Record = 1 and sv00196.Service_Option_Box_35 = 0 then check SV000122.Labor_Group_Name if sv00196.Record = 1 and sv00196.Service_Option_Box_35 = 1 then check SV000123.Labor_Group_Name |        |          |              |                                                                                                                                                        |
| @I_vPricingMatrixName  | char                                                                                                                                                                                              | 15     | Yes      |              | Existing PriceMatrix in SV00143, Convert to upper case, Not required on update SV00143.Pricing_Matrix_Name                                             |
| @I_vUserID             | char                                                                                                                                                                                              | 15     | No       |              | If empty or null a truncated SQL Server login is used                                                                                                  |
| @I_vTechnicianID       | char                                                                                                                                                                                              | 15     | No       |              | Technician ID in SV_Lookup_Technician_MSTR                                                                                                             |
| @I_vTechnicianTeam     | char                                                                                                                                                                                              | 15     | No       |              |                                                                                                                                                        |
| @I_vCustomerName       | char                                                                                                                                                                                              | 65     | No       |              |                                                                                                                                                        |
| @I_vPhone1             | char                                                                                                                                                                                              | 21     | No       | #####<br>### | Defaults to zero.                                                                                                                                      |

| Element Name                                                                                           | Data Type | Length | Required | Default      | Description       |
|--------------------------------------------------------------------------------------------------------|-----------|--------|----------|--------------|-------------------|
| Is right padded to fill with zeros                                                                     |           |        |          |              |                   |
| Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619)<br>Length can't be greater than 14 |           |        |          |              |                   |
| @l_vMapGrid                                                                                            | char      | 15     | No       |              |                   |
| @l_vFax                                                                                                | char      | 21     | No       | #####<br>### | Defaults to zero. |
| Is right padded to fill with zeros                                                                     |           |        |          |              |                   |
| Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619)<br>Length can't be greater than 14 |           |        |          |              |                   |
| @l_vServiceArea                                                                                        | char      | 15     | No       |              |                   |
|                                                                                                        |           |        |          |              |                   |
| @l_vState                                                                                              | char      | 29     | No       |              |                   |
| @l_vZip                                                                                                | char      | 11     | No       |              |                   |
| @l_vCountry                                                                                            | char      | 61     | No       |              |                   |
| @l_vPhone2                                                                                             | char      | 21     | No       | #####<br>### | Defaults to zero. |
| Is right padded to fill with zeros                                                                     |           |        |          |              |                   |

| Element Name                                                                                           | Data Type | Length | Required | Default      | Description                       |
|--------------------------------------------------------------------------------------------------------|-----------|--------|----------|--------------|-----------------------------------|
| Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619)<br>Length can't be greater than 14 |           |        |          |              |                                   |
| @I_vPhone3                                                                                             | char      | 21     | No       | #####<br>### | Defaults to zero.                 |
| Is right padded to fill with zeros                                                                     |           |        |          |              |                                   |
| Not formatted (i.e. 262-821-4100 Ext: 3619 would be 26282141003619)<br>Length can't be greater than 14 |           |        |          |              |                                   |
| @I_vAddress1                                                                                           | char      | 61     | No       |              |                                   |
| @I_vAddress2                                                                                           | char      | 61     | No       |              |                                   |
| @I_vAddress3                                                                                           | char      | 61     | No       |              |                                   |
| @I_vCity                                                                                               | char      | 35     | No       |              |                                   |
| @I_vSalespersonID                                                                                      | char      | 15     | No       |              | Existing SalespersonID in RM00301 |
| @I_vTechnician                                                                                         | char      | 11     | No       |              |                                   |
| @I_vTechnician2                                                                                        | char      | 11     | No       |              |                                   |
| @I_vTechnicianID2                                                                                      | char      | 15     | No       |              |                                   |
| @I_vContactPerson                                                                                      | char      | 61     | No       |              |                                   |
| @I_vContactName                                                                                        | char      | 15     | No       |              |                                   |

| Element Name                | Data Type | Length | Required | Default   | Description                                      |
|-----------------------------|-----------|--------|----------|-----------|--------------------------------------------------|
| @I_vHoldTransactionID       | int       | 0      | No       |           |                                                  |
| @I_vSafetyFlag              | tinyint   | 0      | No       |           |                                                  |
| @I_vBlanketPOCheck box      | tinyint   | 0      | No       |           | Bool. Defaults to zero.                          |
| @I_vBlanketPONumber         | char      | 17     | No       |           | Not validated.                                   |
| @I_vOriginalBlanketPOAmount | numeric   | 19;5   | No       |           | >= 0. Not available on updates. Typically zero.  |
| @I_vBlanketPOAmountSpent    | numeric   | 19;5   | No       |           | >= 0. Not available on updates. Typically zero.  |
| @I_vBlanketPOAmountRemainin | numeric   | 19;5   | No       |           | > = 0. Not available on updates. Typically zero. |
| @I_vBlanketPOExpirationDate | datetime  | 0      | No       | 1/1/1900' | valid dex date                                   |
| @I_vUserDefine1a            | char      | 31     | No       |           |                                                  |
| @I_vUserDefine2a            | char      | 31     | No       |           |                                                  |
| @I_vUserDefine3a            | char      | 31     | No       |           |                                                  |
| @I_vUserDefine4a            | char      | 31     | No       |           |                                                  |
| @I_vUserDefine5a            | char      | 31     | No       |           |                                                  |
| @I_vUserDefine6a            | char      | 31     | No       |           |                                                  |
| @I_vPORequired              | tinyint   | 0      | No       |           | Bool. Defaults to zero.                          |
| @I_vOutOfServiceFlag        | tinyint   | 0      | No       |           |                                                  |

| Element Name                | Data Type | Length | Required | Default | Description                                                                                        |
|-----------------------------|-----------|--------|----------|---------|----------------------------------------------------------------------------------------------------|
| @I_vAlarmFlag               | tinyint   | 0      | No       |         |                                                                                                    |
| @I_vSupervisorsID           | char      | 15     | No       |         |                                                                                                    |
| @I_vSupervisorsHoldFlag     | tinyint   | 0      | No       |         |                                                                                                    |
| @I_vCorporateCustomerNumber | char      | 15     | No       |         | Only available if 'Use Corporate Customer ID' option is marked in Service Setup - Service Options. |
| Converted to upper case.    |           |        |          |         |                                                                                                    |
| @I_vDivisions               | char      | 15     | No       |         | A valid Division in SV_Division_MSTR                                                               |
| @I_vTravelRateName          | char      | 15     | No       |         |                                                                                                    |
| @I_vSVServiceLevelID        | char      | 11     | No       |         | A valid SV Service Level ID in SV_Service_Level_MSTR                                               |
| @I_vBillCustomerNumber      | char      | 15     | No       |         | A valid customer in the RM00101                                                                    |
| @I_vBillAddressCode         | char      | 15     | No       |         | A valid bill to customer and bill to address code in SV00200                                       |
| @I_vLongitude               | numeric   | 19;5   | No       |         |                                                                                                    |
| @I_vLatitude                | numeric   | 19;5   | No       |         |                                                                                                    |
| @I_vPriorityofCall          | char      | 1      | No       |         |                                                                                                    |
| @I_vServiceUserDefine1      | char      | 21     | No       |         |                                                                                                    |

| Element Name            | Data Type | Length | Required | Default   | Description    |
|-------------------------|-----------|--------|----------|-----------|----------------|
| @l_vServiceUserDefine2  | char      | 21     | No       |           |                |
| @l_vServiceUserDefine3  | char      | 31     | No       |           |                |
| @l_vServiceUserDefine4  | char      | 31     | No       |           |                |
| @l_vServiceUserDefine5  | int       | 0      | No       |           |                |
| @l_vServiceUserDefine6  | int       | 0      | No       |           |                |
| @l_vServiceUserDefine7  | int       | 0      | No       |           |                |
| @l_vServiceUserDefine8  | int       | 0      | No       |           |                |
| @l_vServiceUserDefine9  | datetime  | 0      | No       | 1/1/1900' | valid dex date |
| @l_vServiceUserDefine10 | datetime  | 0      | No       | 1/1/1900' | valid dex date |
| @l_vServiceUserDefine11 | datetime  | 0      | No       | 1/1/1900' | valid dex date |
| @l_vServiceUserDefine12 | datetime  | 0      | No       | 1/1/1900' | valid dex date |
| @l_vServiceUserDefine18 | tinyint   | 0      | No       |           | bool           |
| @l_vServiceUserDefine19 | tinyint   | 0      | No       |           | bool           |

| Element Name            | Data Type | Length | Required | Default | Description                       |
|-------------------------|-----------|--------|----------|---------|-----------------------------------|
| @I_vServiceUserDefine20 | tinyint   | 0      | No       |         | bool                              |
| @I_vServiceUserDefine21 | tinyint   | 0      | No       |         | bool                              |
| @I_vServiceUserDefine22 | numeric   | 19;5   | No       |         |                                   |
| @I_vServiceUserDefine23 | numeric   | 19;5   | No       |         |                                   |
| @I_vServiceUserDefine24 | numeric   | 19;5   | No       |         |                                   |
| @I_vServiceUserDefine25 | numeric   | 19;5   | No       |         |                                   |
| @I_vTimeZone            | char      | 3      | No       |         |                                   |
| @I_vTimeZoneTag         | char      | 5      | No       |         | Existing time zone tag in SV00045 |
| @I_vSVLanguageID        | smallint  | 0      | No       |         | Defaults to zero.                 |
| @I_vBaseCurrencyID      | char      | 15     | No       |         |                                   |
| @I_vBillingCurrencyID   | char      | 15     | No       |         |                                   |
| @I_vLocalCurrencyID     | char      | 15     | No       |         |                                   |
| @I_vCivic1Alpha         | char      | 5      | No       |         |                                   |
| @I_vCivic1Num           | smallint  | 0      | No       |         |                                   |
| @I_vCivic1Dir           | char      | 5      | No       |         |                                   |
| @I_vCivic2Alpha         | char      | 5      | No       |         |                                   |



| Element Name       | Data Type | Length | Required | Default | Description             |
|--------------------|-----------|--------|----------|---------|-------------------------|
| @I_vCivic2Num      | smallint  | 0      | No       |         |                         |
| @I_vCivic2Dir      | char      | 5      | No       |         |                         |
| @I_vStreetName     | char      | 31     | No       |         |                         |
| @I_vStreetType     | char      | 7      | No       |         |                         |
| @I_vPostDir        | char      | 5      | No       |         |                         |
| @I_vSecAddType1    | char      | 13     | No       |         |                         |
| @I_vSecAddNum1     | smallint  | 0      | No       |         |                         |
| @I_vSecAddAlpha1   | char      | 5      | No       |         |                         |
| @I_vSecAddType2    | char      | 13     | No       |         |                         |
| @I_vSecAddNum2     | smallint  | 0      | No       |         |                         |
| @I_vSecAddAlpha2   | char      | 5      | No       |         |                         |
| @I_vUseTaxSchedule | char      | 15     | No       |         |                         |
| @I_vRateClass      | char      | 15     | No       |         |                         |
| @I_vStateCode      | char      | 3      | No       |         |                         |
| @I_vSutaState      | char      | 3      | No       |         |                         |
| @I_vLocalTax       | char      | 7      | No       |         |                         |
| @I_vWSReservedCB1  | tinyint   | 0      | No       |         | Bool. Defaults to zero. |
| @I_vWSReservedCB2  | tinyint   | 0      | No       |         | Bool. Defaults to zero. |
| @I_vWSReservedCB3  | tinyint   | 0      | No       |         | Bool. Defaults to zero. |

| Element Name            | Data Type | Length | Required | Default | Description                                             |
|-------------------------|-----------|--------|----------|---------|---------------------------------------------------------|
| @I_vWSReservedCB4       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB5       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB6       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB7       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB8       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB9       | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedCB10      | tinyint   | 0      | No       |         | Bool. Defaults to zero.                                 |
| @I_vWSReservedSTR1      | char      | 11     | No       |         |                                                         |
| @I_vWSReservedSTR2      | char      | 11     | No       |         |                                                         |
| @I_vDEXROWID            | int       | 0      | No       |         |                                                         |
| @I_vUpdateIfExists      | tinyint   | 3      | Yes      | 1       | It can only be 0 for don't update or 1 update if exists |
| @I_vWennSoftTables Only | tinyint   | 3      | Yes      | 0       | Defaults to false.                                      |
| @I_vOnlyValidate        | tinyint   | 3      | Yes      | 0       | Defaults to false                                       |
| @I_vUSRDEFND1           | char      | 50     | No       |         |                                                         |
| @I_vUSRDEFND2           | char      | 50     | No       |         |                                                         |
| @I_vUSRDEFND3           | char      | 50     | No       |         |                                                         |
| @I_vUSRDEFND4           | varchar   | 8000   | No       |         |                                                         |
| @I_vUSRDEFND5           | varchar   | 8000   | No       |         |                                                         |

| Element Name        | Data Type | Length | Required | Default | Description       |
|---------------------|-----------|--------|----------|---------|-------------------|
| @I_vReturnErrorText | tinyint   | 3      | No       | 1       | Defaults to false |
| @O_iErrorState      | int       | 10     | No       | 0       |                   |
| @oErrString         | varchar   | 255    | No       |         |                   |

## Error Codes

| Error Code | Description                                                    |
|------------|----------------------------------------------------------------|
| 51102      | The customer is empty                                          |
| 51000      | Customer Number does not exist in Service                      |
| 51001      | Customer Number does not exist in Microsoft Business Solutions |
| 52189      | Address Code field is empty                                    |
| 52177      | Affiliate, region and branch are not valid                     |
| 52190      | Location Name field is empty                                   |
| 52242      | Labor Rate Group field is empty                                |
| 52198      | Labor Rate Group is invalid.                                   |
| 52263      | Price Matrix field is empty.                                   |
| 52199      | Price Matrix is invalid                                        |
| 52191      | Phone 1 field contains an invalid value (length > 14).         |
| 52192      | Phone 2 field contains an invalid value (length > 14).         |
| 52193      | Phone 3 field contains an invalid value (length > 14).         |
| 52280      | Fax field contains an invalid value (length > 14).             |

| Error Code | Description                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------|
| 52194      | Technician ID is invalid                                                                                        |
| 52195      | Corporate Customer Number field contains data, but the Use Corporate Customer ID option is not marked in setup. |
| 52197      | Salesperson ID is invalid                                                                                       |
| 52102      | Division does not exist                                                                                         |
| 52060      | Service Level ID does not exist                                                                                 |
| 52157      | Bill to customer number does not exist                                                                          |
| 52296      | The Bill To Address does not exists for the Bill To Customer in RM00102 (RM_Customer_MSTR_ADDR).                |
| 52200      | Blanket PO Check box is invalid.                                                                                |
| 52241      | Original Blanket PO Amount is invalid.                                                                          |
| 52201      | Blanket PO Amount Spent is invalid.                                                                             |
| 52202      | Blanket PO Amount Remaining is invalid.                                                                         |
| 52204      | Time Zone Tag is invalid.                                                                                       |

## wsISMSQuote

### Table Name: SV00502

**Description:**

Used to create a Fixed or NTE Quote in Service Management

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vCustomerNumber | char      | 15     | Yes      |         |             |
| @I_vAddressCode    | char      | 15     | Yes      |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vQuoteNumber               | char      | 11     | Yes      |         |             |
| @I_vQuoteType                 | smallint  | 5      | Yes      |         |             |
| @I_vQuoteDate                 | datetime  |        | No       |         |             |
| @I_vQuoteExpirationDate       | datetime  |        | No       |         |             |
| @I_vWSContractNumber          | char      | 11     | No       |         |             |
| @I_vWSContractNumber Sequence | int       | 10     | No       |         |             |
| @I_vWennsoftAffiliate         | char      | 15     | No       |         |             |
| @I_vWennsoftRegion            | char      | 15     | No       |         |             |
| @I_vWennsoftBranch            | char      | 15     | No       |         |             |
| @I_vContractDescription       | char      | 31     | No       |         |             |
| @I_vContractInternalName      | char      | 15     | No       |         |             |
| @I_vUserID                    | char      | 15     | No       |         |             |
| @I_vContractAmount            | numeric   | 19,5   | No       |         |             |
| @I_vBillFreq                  | smallint  | 5      | No       |         |             |
| @I_vContractBillingDate       | smallint  | 5      | No       |         |             |
| @I_vSalespersonID             | char      | 15     | No       |         |             |
| @I_vSVServiceLevelID          | char      | 11     | No       |         |             |
| @I_vUserDefine1a              | char      | 31     | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserDefine2a              | char      | 31     | No       |         |             |
| @I_vUserDefine3a              | char      | 31     | No       |         |             |
| @I_vUserDefine4a              | char      | 31     | No       |         |             |
| @I_vForecastOriginalEquipment | numeric   | 19,5   | No       |         |             |
| @I_vForecastOriginalMaterial  | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor1        | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor1 Hours  | int       | 10     | No       |         |             |
| @I_vForecastOrigLabor2        | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor2 Hours  | int       | 10     | No       |         |             |
| @I_vForecastOrigLabor3        | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor3 Hours  | int       | 10     | No       |         |             |
| @I_vForecastOrigLabor4        | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor4 Hours  | int       | 10     | No       |         |             |
| @I_vForecastOrigLabor5        | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigLabor5 Hours  | int       | 10     | No       |         |             |
| @I_vForecastOriginalLabor     | numeric   | 19,5   | No       |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vForecastOriginalSubs      | numeric   | 19,5   | No       |         |             |
| @I_vForecastOriginalOther     | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigTotalLabor    | numeric   | 19,5   | No       |         |             |
| @I_vForecastOrigTotalLaborHrs | int       | 10     | No       |         |             |
| @I_vForecastEquipment         | numeric   | 19,5   | No       |         |             |
| @I_vForecastMaterial          | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor1            | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor1Hours       | int       | 10     | No       |         |             |
| @I_vForecastLabor2            | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor2Hours       | int       | 10     | No       |         |             |
| @I_vForecastLabor3            | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor3Hours       | int       | 10     | No       |         |             |
| @I_vForecastLabor4            | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor4Hours       | int       | 10     | No       |         |             |
| @I_vForecastLabor5            | numeric   | 19,5   | No       |         |             |
| @I_vForecastLabor5Hours       | int       | 10     | No       |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vForecastLabor          | numeric   | 19,5   | No       |         |             |
| @I_vForecastSubs           | numeric   | 19,5   | No       |         |             |
| @I_vForecastOther          | numeric   | 19,5   | No       |         |             |
| @I_vForecastTotalCost      | numeric   | 19,5   | No       |         |             |
| @I_vForecastTotalLabor     | numeric   | 19,5   | No       |         |             |
| @I_vForecastTotalLabor Hrs | int       | 10     | No       |         |             |
| @I_vBillingEquipment       | numeric   | 19,5   | No       |         |             |
| @I_vBillingMaterial        | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor1          | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor1Hours     | int       | 10     | No       |         |             |
| @I_vBillingLabor2          | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor2Hours     | int       | 10     | No       |         |             |
| @I_vBillingLabor3          | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor3Hours     | int       | 10     | No       |         |             |
| @I_vBillingLabor4          | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor4Hours     | int       | 10     | No       |         |             |
| @I_vBillingLabor5          | numeric   | 19,5   | No       |         |             |
| @I_vBillingLabor5Hours     | int       | 10     | No       |         |             |
| @I_vBillingLabor           | numeric   | 19,5   | No       |         |             |



| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillingLaborHours         | int       | 10     | No       |         |             |
| @I_vBillingSubs               | numeric   | 19,5   | No       |         |             |
| @I_vBillingOther              | numeric   | 19,5   | No       |         |             |
| @I_vBillingTotal              | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageEquip    | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageMaterial | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageLabor    | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageSubs     | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageOther    | numeric   | 19,5   | No       |         |             |
| @I_vBillingPercentageTotal    | numeric   | 19,5   | No       |         |             |
| @I_vEstimateEquipment         | numeric   | 19,5   | No       |         |             |
| @I_vEstimateMaterial          | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor1            | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor1Hours       | int       | 10     | No       |         |             |
| @I_vEstimateLabor2            | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor2Hours       | int       | 10     | No       |         |             |

| Element Name                   | Data Type | Length | Required | Default | Description |
|--------------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstimateLabor3             | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor3Hours        | int       | 10     | No       |         |             |
| @I_vEstimateLabor4             | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor4Hours        | int       | 10     | No       |         |             |
| @I_vEstimateLabor5             | numeric   | 19,5   | No       |         |             |
| @I_vEstimateLabor5Hours        | int       | 10     | No       |         |             |
| @I_vEstimateLabor              | numeric   | 19,5   | No       |         |             |
| @I_vEstimateHours              | int       | 10     | No       |         |             |
| @I_vEstimateSubs               | numeric   | 19,5   | No       |         |             |
| @I_vEstimateOther              | numeric   | 19,5   | No       |         |             |
| @I_vEstimateTotalCost          | numeric   | 19,5   | No       |         |             |
| @I_vEstimateTotalLabor         | numeric   | 19,5   | No       |         |             |
| @I_vEstimateTotalLaborHrs      | int       | 10     | No       |         |             |
| @I_vAnnualContractValue        | numeric   | 19,5   | No       |         |             |
| @I_vRevenueRecognitionMethodID | smallint  | 5      | No       |         |             |
| @I_vInvoiceStyle               | smallint  | 5      | No       |         |             |
| @I_vMultiyearContractFlag      | tinyint   | 3      | No       |         |             |

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSContractStartDate    | datetime  |        | No       |         |             |
| @I_vContractExpirationDate | datetime  |        | No       |         |             |
| @I_vServiceUserDefine3     | char      | 31     | No       |         |             |
| @I_vServiceUserDefine5     | int       | 10     | No       |         |             |
| @I_vServiceUserDefine6     | int       | 10     | No       |         |             |
| @I_vServiceUserDefine9     | datetime  |        | No       |         |             |
| @I_vServiceUserDefine10    | datetime  |        | No       |         |             |
| @I_vServiceUserDefine18    | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine19    | tinyint   | 3      | No       |         |             |
| @I_vServiceUserDefine22    | numeric   | 19,5   | No       |         |             |
| @I_vServiceUserDefine23    | numeric   | 19,5   | No       |         |             |
| @I_vServiceUserDefine24    | numeric   | 19,5   | No       |         |             |
| @I_vAutoBill               | tinyint   | 3      | No       |         |             |
| @I_vCancelBox              | tinyint   | 3      | No       |         |             |
| @I_vHold                   | tinyint   | 3      | No       |         |             |
| @I_vExcessCost             | numeric   | 19,5   | No       |         |             |
| @I_vContractNTEUnits       | int       | 10     | No       |         |             |
| @I_vContractActualUnits    | int       | 10     | No       |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vWarrantyCheckbox      | tinyint   | 3      | No       |         |             |
| @I_vTimeZone              | char      | 3      | No       |         |             |
| @I_vBaseCurrencyID        | char      | 15     | No       |         |             |
| @I_vBillingCurrencyID     | char      | 15     | No       |         |             |
| @I_vLocalCurrencyID       | char      | 15     | No       |         |             |
| @I_vHoldReasonID          | smallint  | 5      | No       |         |             |
| @I_vLastReviewDate        | datetime  |        | No       |         |             |
| @I_vLastReviewUserID      | char      | 15     | No       |         |             |
| @I_vEvergreenContractFlag | tinyint   | 3      | No       |         |             |
| @I_vContractUnitsMeasure  | char      | 15     | No       |         |             |
| @I_vPricingMatrixName     | char      | 15     | No       |         |             |
| @I_vWSReservedCB1         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB2         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB3         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB5         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB6         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB7         | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB8         | tinyint   | 3      | No       |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB9      | tinyint   | 3      | No       |         |             |
| @I_vWSReservedCB10     | tinyint   | 3      | No       |         |             |
| @I_vWSReservedSTR1     | char      | 11     | No       |         |             |
| @I_vWSReservedSTR2     | char      | 11     | No       |         |             |
| @I_vDEXROWID           | int       | 10     | No       |         |             |
| @I_vUpdateIfExists     | tinyint   | 3      | Yes      | 0       |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       |         |             |
| @I_vUSRDEFND2          | char      | 50     | No       |         |             |
| @I_vUSRDEFND3          | char      | 50     | No       |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       |         |             |
| @I_vReturnErrorText    | tinyint   | 3      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       |         |             |

## wsSMSQuoteTask

- [Table: SV00545 \(page 252\)](#)
- [Error Codes \(page 258\)](#)

**Table: SV00545**

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vAddressCode            | char      | 15     |          |         |             |
| @I_vBaseCurrencyID         | char      | 15     |          |         |             |
| @I_vBillableEquipment      | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor1         | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor2         | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor3         | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor4         | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor5         | numeric   | 19,5   |          |         |             |
| @I_vBillableMaterial       | numeric   | 19,5   |          |         |             |
| @I_vBillableOther          | numeric   | 19,5   |          |         |             |
| @I_vBillableSubs           | numeric   | 19,5   |          |         |             |
| @I_vBillingCurrencyID      | char      | 15     |          |         |             |
| @I_vCoverageCode           | smallint  |        |          |         |             |
| @I_vCurrentRunUnits        | numeric   | 19,5   |          |         |             |
| @I_vCustomerContractNumber | char      | 15     |          |         |             |
| @I_vCustomerNumber         | char      | 15     |          |         |             |
| @I_vEndDate                | datetime  |        |          |         |             |
| @I_vEquipmentID            | char      | 31     |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vEquipmentType       | char      | 31     |          |         |             |
| @I_vEstimateEquipment   | numeric   | 19,5   |          |         |             |
| @I_vEstimateHours       | int       |        |          |         |             |
| @I_vEstimateLabor       | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1Hours | int       |        |          |         |             |
| @I_vEstimateLabor2      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor2Hours | int       |        |          |         |             |
| @I_vEstimateLabor3      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor3Hours | int       |        |          |         |             |
| @I_vEstimateLabor4      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor4Hours | int       |        |          |         |             |
| @I_vEstimateLabor5      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor5Hours | int       |        |          |         |             |
| @I_vEstimateMaterial    | numeric   | 19,5   |          |         |             |
| @I_vEstimateOther       | numeric   | 19,5   |          |         |             |
| @I_vEstimateSubs        | numeric   | 19,5   |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstimateTotalCost   | numeric   | 19,5   |          |         |             |
| @I_vID1                 | char      | 11     |          |         |             |
| @I_vID2                 | char      | 11     |          |         |             |
| @I_vInactive            | tinyint   |        |          |         |             |
| @I_vLastRunUnits        | numeric   | 19,5   |          |         |             |
| @I_vLocalCurrencyID     | char      | 15     |          |         |             |
| @I_vMaterialKitQuantity | int       |        |          |         |             |
| @I_vMaterialKitRequired | char      | 31     |          |         |             |
| @I_vOnlyValidate        | tinyint   |        |          |         |             |
| @I_vOptional            | tinyint   |        |          |         |             |
| @I_vPMGroup             | char      | 3      |          |         |             |
| @I_vQuoteNumber         | char      | 11     |          |         |             |
| @I_vQuoteTaskListID     | char      | 11     |          |         |             |
| @I_vReturnErrorText     | tinyint   |        |          |         |             |
| @I_vRunUnits            | numeric   | 19,5   |          |         |             |
| @I_vSchedule            | smallint  |        |          |         |             |
| @I_vSkillLevel          | char      | 15     |          |         |             |
| @I_vStartDate           | datetime  |        |          |         |             |
| @I_vSub1                | char      | 15     |          |         |             |



| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vSub2                  | char      | 15     |          |         |             |
| @I_vSub3                  | char      | 15     |          |         |             |
| @I_vSub4                  | char      | 15     |          |         |             |
| @I_vSubcontractorID       | char      | 15     |          |         |             |
| @I_vSVLanguageID          | smallint  |        |          |         |             |
| @I_vTask_Description_Long | char      | 255    |          |         |             |
| @I_vTask_Hierarchy        | char      | 41     |          |         |             |
| @I_vTaskCode              | char      | 11     |          |         |             |
| @I_vTaskDescription       | char      | 61     |          |         |             |
| @I_vTaskHours             | int       |        |          |         |             |
| @I_vTaskUserDefine1       | char      | 21     |          |         |             |
| @I_vTaskUserDefine10      | datetime  |        |          |         |             |
| @I_vTaskUserDefine11      | datetime  |        |          |         |             |
| @I_vTaskUserDefine12      | datetime  |        |          |         |             |
| @I_vTaskUserDefine13      | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine14      | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine15      | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine16      | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine17      | numeric   | 19,5   |          |         |             |

| Element Name         | Data Type | Length | Required | Default | Description |
|----------------------|-----------|--------|----------|---------|-------------|
| @I_vTaskUserDefine18 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine19 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine2  | char      | 21     |          |         |             |
| @I_vTaskUserDefine20 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine21 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine3  | char      | 31     |          |         |             |
| @I_vTaskUserDefine4  | char      | 31     |          |         |             |
| @I_vTaskUserDefine5  | int       |        |          |         |             |
| @I_vTaskUserDefine6  | int       |        |          |         |             |
| @I_vTaskUserDefine7  | int       |        |          |         |             |
| @I_vTaskUserDefine8  | int       |        |          |         |             |
| @I_vTaskUserDefine9  | datetime  |        |          |         |             |
| @I_vTechnicianID     | char      | 15     |          |         |             |
| @I_vTechnicianTeam   | char      | 15     |          |         |             |
| @I_vTimeZone         | char      | 3      |          |         |             |
| @I_vToolKitRequired  | char      | 15     |          |         |             |
| @I_vUpdateIfExists   | tinyint   |        |          |         |             |
| @I_vUserID           | char      | 15     |          |         |             |
| @I_vUSRDEFND1        | char      | 50     |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND2          | char      | 50     |          |         |             |
| @I_vUSRDEFND3          | char      | 50     |          |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   |          |         |             |
| @I_vWeek1              | tinyint   |        |          |         |             |
| @I_vWeek2              | tinyint   |        |          |         |             |
| @I_vWeek3              | tinyint   |        |          |         |             |
| @I_vWeek4              | tinyint   |        |          |         |             |
| @I_vWeek5              | tinyint   |        |          |         |             |
| @I_vWennsoftAffiliate  | char      | 15     |          |         |             |
| @I_vWennsoftBranch     | char      | 15     |          |         |             |
| @I_vWennsoftCloseDate  | datetime  |        |          |         |             |
| @I_vWennsoftRegion     | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSFrequency        | char      | 15     |          |         |             |
| @I_vWSMajor            | char      | 15     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB3  | tinyint   |        |          |         |             |
| @I_vWSReservedCB4  | tinyint   |        |          |         |             |
| @I_vWSReservedCB5  | tinyint   |        |          |         |             |
| @I_vWSReservedCB6  | tinyint   |        |          |         |             |
| @I_vWSReservedCB7  | tinyint   |        |          |         |             |
| @I_vWSReservedCB8  | tinyint   |        |          |         |             |
| @I_vWSReservedCB9  | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1 | char      | 11     |          |         |             |
| @I_vWSReservedSTR2 | char      | 11     |          |         |             |
| @I_vWSSystem       | char      | 15     |          |         |             |
| @I_vYRMOD          | smallint  |        |          |         |             |
| @I_vYRREM          | smallint  |        |          |         |             |
| @O_iErrorState     | int       |        |          |         |             |
| @oErrString        | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                          |
|------------|--------------------------------------|
| 51112      | The Customer Number does not exist.  |
| 52027      | The Address Code does not exist.     |
| 52213      | The Equipment record does not exist. |

| Error Code | Description                                                             |
|------------|-------------------------------------------------------------------------|
| 52231      | The Task Code does not exist.                                           |
| 52232      | The frequency/schedule combination does not exist in the SV00541 table. |
| 52307      | Error inserting record into the quote sub task table (SV00546).         |
| 52308      | Error inserting record into the quote task materials table (SV00549).   |
| 52311      | Error inserting/updating the quote task table (SV00545).                |
| 52312      | Error inserting into the quote task list master table (SV00544).        |
| 52313      | Error inserting into the quote equipment master table (SV00402).        |
| 52314      | The given quote does not exist in the quote master table (SV00502).     |

## wsSMSServiceCall

- [Table: SV00300 \(page 259\)](#)
- [Error Codes \(page 269\)](#)

### Table: SV00300

| Element Name                | Data Type | Length | Required | Default | Description                                                              |
|-----------------------------|-----------|--------|----------|---------|--------------------------------------------------------------------------|
| @I_vServiceCallID           | char      | 17     |          |         |                                                                          |
| @I_vServiceDescription      | varchar   | MAX    |          |         | Changed size to save any description longer than 30 characters as a note |
| @I_vAddressCode             | char      | 15     |          |         |                                                                          |
| @I_vCustomerNumber          | char      | 15     |          |         |                                                                          |
| @I_vCorporateCustomerNumber | char      | 15     |          |         |                                                                          |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vUserID                | char      | 15     |          |         |             |
| @I_vTechnicianID          | char      | 15     |          |         |             |
| @I_vTechnicianTeam        | char      | 15     |          |         |             |
| @I_vRoute                 | char      | 15     |          |         |             |
| @I_vTechnician            | char      | 11     |          |         |             |
| @I_vTechnicianID2         | char      | 15     |          |         |             |
| @I_vTypeofProblemID       | char      | 3      |          |         |             |
| @I_vTypeofProblem         | char      | 31     |          |         |             |
| @I_vResolutionID          | char      | 3      |          |         |             |
| @I_vResolutionDescription | varchar   | 255    |          |         |             |
| @I_vEquipmentID           | char      | 31     |          |         |             |
| @I_vEquipmentType         | char      | 31     |          |         |             |
| @I_vTypeCallShort         | char      | 3      |          |         |             |
| @I_vUserDefine1a          | char      | 31     |          |         |             |
| @I_vUserDefine2a          | char      | 31     |          |         |             |
| @I_vUserDefine3a          | char      | 31     |          |         |             |
| @I_vUserDefine4a          | char      | 31     |          |         |             |
| @I_vPurchaseOrder         | char      | 15     |          |         |             |
| @I_vDateofServiceCall     | datetime  | 8      |          |         |             |

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vStartTime         | datetime  | 8      |          |         |             |
| @I_vEstimateHours     | int       | 4      |          |         |             |
| @I_vSalespersonID     | char      | 15     |          |         |             |
| @I_vPriorityofCall    | char      | 1      |          |         |             |
| @I_vStatusofCall      | char      | 11     |          |         |             |
| @I_vCallInvoiceNumber | char      | 17     |          |         |             |
| @I_vInvoiceStyle      | smallint  | 2      |          |         |             |
| @I_vSVCompletionDate  | datetime  | 8      |          |         |             |
| @I_vWSTime1           | datetime  | 8      |          |         |             |
| @I_vTimeString11      | char      | 11     |          |         |             |
| @I_vTimeString12      | char      | 11     |          |         |             |
| @I_vTimeString13      | char      | 11     |          |         |             |
| @I_vTimeString14      | char      | 11     |          |         |             |
| @I_vTimeString15      | char      | 11     |          |         |             |
| @I_vTimeString16      | char      | 11     |          |         |             |
| @I_vServiceDate1      | datetime  | 8      |          |         |             |
| @I_vServiceDate2      | datetime  | 8      |          |         |             |
| @I_vServiceDate3      | datetime  | 8      |          |         |             |

| Element Name                  | Data Type | Length | Required | Default | Description |
|-------------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceDate4              | datetime  | 8      |          |         |             |
| @I_vServiceDate5              | datetime  | 8      |          |         |             |
| @I_vServiceDate6              | datetime  | 8      |          |         |             |
| @I_vServiceTime1              | datetime  | 8      |          |         |             |
| @I_vServiceTime2              | datetime  | 8      |          |         |             |
| @I_vServiceTime3              | datetime  | 8      |          |         |             |
| @I_vServiceTime4              | datetime  | 8      |          |         |             |
| @I_vServiceTime5              | datetime  | 8      |          |         |             |
| @I_vServiceTime6              | datetime  | 8      |          |         |             |
| @I_vTimeZone                  | char      | 3      |          |         |             |
| @I_vDate                      | datetime  | 8      |          |         |             |
| @I_vDivision                  | smallint  | 2      |          |         |             |
| @I_vDivisions                 | char      | 15     |          |         |             |
| @I_vCallTime                  | int       | 4      |          |         |             |
| @I_vCorporateContractNumber   | char      | 21     |          |         |             |
| @I_vWSMasterContractSeqNumber | int       | 4      |          |         |             |
| @I_vWSContractNumber          | char      | 11     |          |         |             |
| @I_vWSContractNumberSequence  | int       | 4      |          |         |             |



| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vInvoiceType           | smallint  | 2      |          |         |             |
| @I_vPosted                | tinyint   | 1      |          |         |             |
| @I_vAddedRate             | tinyint   | 1      |          |         |             |
| @I_vBillingAmountFixed    | numeric   | 9      |          |         |             |
| @I_vBillingAmountNTE      | numeric   | 9      |          |         |             |
| @I_vBillableAll           | numeric   | 9      |          |         |             |
| @I_vCostAll               | numeric   | 9      |          |         |             |
| @I_vTaxAmount1            | numeric   | 9      |          |         |             |
| @I_vTaxAmount2            | numeric   | 9      |          |         |             |
| @I_vTaxAmount3            | numeric   | 9      |          |         |             |
| @I_vLaborBillingCategory1 | numeric   | 9      |          |         |             |
| @I_vLaborBillingCategory2 | numeric   | 9      |          |         |             |
| @I_vLaborBillingCategory3 | numeric   | 9      |          |         |             |
| @I_vLaborBillingCategory4 | numeric   | 9      |          |         |             |
| @I_vLaborBillingCategory5 | numeric   | 9      |          |         |             |
| @I_vBillableEquipment     | numeric   | 9      |          |         |             |
| @I_vBillableLabor         | numeric   | 9      |          |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillableMaterial     | numeric   | 9      |          |         |             |
| @I_vBillableOther        | numeric   | 9      |          |         |             |
| @I_vBillableSubs         | numeric   | 9      |          |         |             |
| @I_vBillableTax          | numeric   | 9      |          |         |             |
| @I_vLaborCostCatagory1   | numeric   | 9      |          |         |             |
| @I_vLaborCostCatagory2   | numeric   | 9      |          |         |             |
| @I_vLaborCostCatagory3   | numeric   | 9      |          |         |             |
| @I_vLaborCostCatagory4   | numeric   | 9      |          |         |             |
| @I_vLaborCostCatagory5   | numeric   | 9      |          |         |             |
| @I_vCostEquipment        | numeric   | 9      |          |         |             |
| @I_vCostLabor            | numeric   | 9      |          |         |             |
| @I_vCostMaterial         | numeric   | 9      |          |         |             |
| @I_vCostOther            | numeric   | 9      |          |         |             |
| @I_vCostSubs             | numeric   | 9      |          |         |             |
| @I_vCostTax              | numeric   | 9      |          |         |             |
| @I_vCallerEmailAddresses | char      | 41     |          |         |             |
| @I_vCallerName           | char      | 31     |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vCallerPhone         | char      | 21     |          |         |             |
| @I_vCallback            | tinyint   | 1      |          |         |             |
| @I_vWSJobNumber         | char      | 17     |          |         |             |
| @I_vOrigCallID          | char      | 17     |          |         |             |
| @I_vPOOutstandingStatus | char      | 15     |          |         |             |
| @I_vWCAOriginatingCall  | char      | 17     |          |         |             |
| @I_vWCATechnician       | char      | 15     |          |         |             |
| @I_vServiceUserDefine 1 | char      | 21     |          |         |             |
| @I_vServiceUserDefine 2 | char      | 21     |          |         |             |
| @I_vServiceUserDefine 3 | char      | 31     |          |         |             |
| @I_vServiceUserDefine 4 | char      | 31     |          |         |             |
| @I_vServiceUserDefine 5 | int       | 4      |          |         |             |
| @I_vServiceUserDefine 6 | int       | 4      |          |         |             |
| @I_vServiceUserDefine 7 | int       | 4      |          |         |             |
| @I_vServiceUserDefine 8 | int       | 4      |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine<br>9  | datetime  | 8      |          |         |             |
| @I_vServiceUserDefine<br>10 | datetime  | 8      |          |         |             |
| @I_vServiceUserDefine<br>11 | datetime  | 8      |          |         |             |
| @I_vServiceUserDefine<br>12 | datetime  | 8      |          |         |             |
| @I_vServiceUserDefine<br>18 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefine<br>19 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefine<br>20 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefine<br>21 | tinyint   | 1      |          |         |             |
| @I_vServiceUserDefine<br>22 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefine<br>23 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefine<br>24 | numeric   | 9      |          |         |             |
| @I_vServiceUserDefine<br>25 | numeric   | 9      |          |         |             |
| @I_vSVLanguageID            | smallint  | 2      |          |         |             |
| @I_vBaseCurrencyID          | char      | 15     |          |         |             |

| Element Name                    | Data Type | Length | Required | Default | Description |
|---------------------------------|-----------|--------|----------|---------|-------------|
| @I_vBaseCurrConversionFactor    | numeric   | 9      |          |         |             |
| @I_vBillingCurrencyID           | char      | 15     |          |         |             |
| @I_vBillingCurrConversionFactor | numeric   | 9      |          |         |             |
| @I_vLocalCurrencyID             | char      | 15     |          |         |             |
| @I_vTrackInJobCost              | tinyint   | 1      |          |         |             |
| @I_vTransferToWSJob             | char      | 17     |          |         |             |
| @I_vBilledToJobEquipment        | numeric   | 9      |          |         |             |
| @I_vBilledToJobMaterial         | numeric   | 9      |          |         |             |
| @I_vBilledToJobLabor            | numeric   | 9      |          |         |             |
| @I_vBilledToJobSubcontractor    | numeric   | 9      |          |         |             |
| @I_vBilledToJobOther            | numeric   | 9      |          |         |             |
| @I_vWSReservedCB1               | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB2               | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB3               | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB4               | tinyint   | 1      |          |         |             |
| @I_vWSReservedCB5               | tinyint   | 1      |          |         |             |
| @I_vWSReservedSTR1              | char      | 11     |          |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedSTR2       | char      | 11     |          |         |             |
| @I_vSkipShiftCheck       | tinyint   | 1      |          |         |             |
| @I_vSkipDoubleBookCheck  | tinyint   | 1      |          |         |             |
| @I_vUpdateIfExists       | tinyint   | 1      |          |         |             |
| @I_vWennSoftTablesOnly   | tinyint   | 1      |          |         |             |
| @I_vOnlyValidate         | tinyint   | 1      |          |         |             |
| @I_vUSRDEFND1            | char      | 50     |          |         |             |
| @I_vUSRDEFND2            | char      | 50     |          |         |             |
| @I_vUSRDEFND3            | char      | 50     |          |         |             |
| @I_vUSRDEFND4            | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5            | varchar   | 8000   |          |         |             |
| @I_vModifiedUserID       | char      | 15     |          |         |             |
| @I_vReturnErrorText      | tinyint   | 1      |          |         |             |
| @O_iErrorState           | int       | 4      |          |         |             |
| @oErrString              | varchar   | 255    |          |         |             |
| @I_vBill_Customer_Number | char      | 15     |          |         |             |
| @I_vBill_Address_Code    | char      | 15     |          |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vVendor_Quote_Printed | smallint  | 2      |          |         |             |
| @I_vSV_Call_Source       | int       | 4      |          |         |             |
| @I_vSV_Call_Source_ID1   | char      | 40     |          |         |             |
| @I_vSV_Call_Source_ID2   | char      | 40     |          |         |             |
| @O_CreatedServiceCallID  | char      | 17     |          |         |             |

## Error Codes

| Error Code | Description                                       |
|------------|---------------------------------------------------|
| 51009      | Tech Branch does not match global filter.         |
| 51111      | The Division does not exist.                      |
| 51112      | The Customer Number does not exist.               |
| 52027      | The Address Code does not exist.                  |
| 52102      | The Division does not exist.                      |
| 52143      | The Technician does not exist.                    |
| 52159      | The contract does not exist.                      |
| 52213      | The Equipment record does not exist.              |
| 52399      | Enter the date of service call.                   |
| 52400      | The Call Status must be OPEN, CLOSED or COMPLETE. |

| Error Code | Description                                          |
|------------|------------------------------------------------------|
| 52401      | The Problem Type does not exist.                     |
| 52402      | The Call Type does not exist.                        |
| 52403      | Error inserting/updating to the service call master. |

## wsISMSServiceTasksMaster

- [Table: SV00302 \(page 270\)](#)
- [Error Codes \(page 276\)](#)

### Table: SV00302

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vAddressCode       | char      | 15     |          |         |             |
| @I_vBillableEquipment | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor1    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor2    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor3    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor4    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor5    | numeric   | 19,5   |          |         |             |
| @I_vBillableMaterial  | numeric   | 19,5   |          |         |             |
| @I_vBillableOther     | numeric   | 19,5   |          |         |             |
| @I_vBillableSubs      | numeric   | 19,5   |          |         |             |
| @I_vComponentFlag     | tinyint   |        |          |         |             |



| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vCoverageCode        | smallint  |        |          |         |             |
| @I_vCreatedDate         | datetime  |        |          |         |             |
| @I_vCreatedUserID       | char      | 15     |          |         |             |
| @I_vCurrentRunUnits     | numeric   | 19,5   |          |         |             |
| @I_vCustomerNumber      | char      | 15     |          |         |             |
| @I_vEquipmentID         | char      | 31     |          |         |             |
| @I_vEquipmentType       | char      | 31     |          |         |             |
| @I_vEstimateEquipment   | numeric   | 19,5   |          |         |             |
| @I_vEstimateHours       | int       |        |          |         |             |
| @I_vEstimateLabor       | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1Hours | int       |        |          |         |             |
| @I_vEstimateLabor2      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor2Hours | int       |        |          |         |             |
| @I_vEstimateLabor3      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor3Hours | int       |        |          |         |             |
| @I_vEstimateLabor4      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor4Hours | int       |        |          |         |             |

| Element Name                 | Data Type | Length | Required | Default | Description |
|------------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstimateLabor5           | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor5Hours      | int       |        |          |         |             |
| @I_vEstimateMaterial         | numeric   | 19,5   |          |         |             |
| @I_vEstimateOther            | numeric   | 19,5   |          |         |             |
| @I_vEstimateSubs             | numeric   | 19,5   |          |         |             |
| @I_vEstimateTotalCost        | numeric   | 19,5   |          |         |             |
| @I_vItemType                 | smallint  |        |          |         |             |
| @I_vLastRunUnits             | numeric   | 19,5   |          |         |             |
| @I_vLocationEquipment        | char      | 51     |          |         |             |
| @I_vMaterialKitQuantity      | int       |        |          |         |             |
| @I_vMaterialKitRequired      | char      | 31     |          |         |             |
| @I_vOnlyValidate             | tinyint   |        |          |         |             |
| @I_vOriginating_Call_Respons | text      |        |          |         |             |
| @I_vResolutionCode           | char      | 11     |          |         |             |
| @I_vReturnErrorText          | tinyint   |        |          |         |             |
| @I_vRunUnits                 | numeric   | 19,5   |          |         |             |
| @I_vServiceCallID            | char      | 17     |          |         |             |
| @I_vSkillLevel               | char      | 15     |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vSub1                | char      | 15     |          |         |             |
| @I_vSub2                | char      | 15     |          |         |             |
| @I_vSub3                | char      | 15     |          |         |             |
| @I_vSub4                | char      | 15     |          |         |             |
| @I_vSubTaskCode         | char      | 11     |          |         |             |
| @I_vSubTaskLineNumber   | int       |        |          |         |             |
| @I_vSVActualTime        | int       |        |          |         |             |
| @I_vSVCompletionDate    | datetime  |        |          |         |             |
| @I_vTask_Hierarchy      | char      | 41     |          |         |             |
| @I_vTaskCode            | char      | 11     |          |         |             |
| @I_vTaskComment1        | char      | 121    |          |         |             |
| @I_vTaskComment2        | char      | 121    |          |         |             |
| @I_vTaskComment3        | char      | 121    |          |         |             |
| @I_vTaskDescription     | char      | 61     |          |         |             |
| @I_vTaskDescriptionLong | char      | 255    |          |         |             |
| @I_vTaskLineNumber      | int       |        |          |         |             |
| @I_vTaskListID          | char      | 11     |          |         |             |
| @I_vTaskStatus          | char      | 11     |          |         |             |
| @I_vTaskUserDefine1     | char      | 21     |          |         |             |

| Element Name         | Data Type | Length | Required | Default | Description |
|----------------------|-----------|--------|----------|---------|-------------|
| @I_vTaskUserDefine10 | datetime  |        |          |         |             |
| @I_vTaskUserDefine11 | datetime  |        |          |         |             |
| @I_vTaskUserDefine12 | datetime  |        |          |         |             |
| @I_vTaskUserDefine13 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine14 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine15 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine16 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine17 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine18 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine19 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine2  | char      | 21     |          |         |             |
| @I_vTaskUserDefine20 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine21 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine3  | char      | 31     |          |         |             |
| @I_vTaskUserDefine4  | char      | 31     |          |         |             |
| @I_vTaskUserDefine5  | int       |        |          |         |             |
| @I_vTaskUserDefine6  | int       |        |          |         |             |
| @I_vTaskUserDefine7  | int       |        |          |         |             |
| @I_vTaskUserDefine8  | int       |        |          |         |             |

| Element Name              | Data Type | Length | Required | Default | Description |
|---------------------------|-----------|--------|----------|---------|-------------|
| @I_vTaskUserDefine9       | datetime  |        |          |         |             |
| @I_vTimeZone              | char      | 3      |          |         |             |
| @I_vToolKitRequired       | char      | 15     |          |         |             |
| @I_vTroubleCode           | char      | 11     |          |         |             |
| @I_vUpdateIfExists        | tinyint   |        |          |         |             |
| @I_vUserDefine1a          | char      | 31     |          |         |             |
| @I_vUSRDEFND1             | char      | 50     |          |         |             |
| @I_vUSRDEFND2             | char      | 50     |          |         |             |
| @I_vUSRDEFND3             | char      | 50     |          |         |             |
| @I_vUSRDEFND4             | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5             | varchar   | 8000   |          |         |             |
| @I_vWennsoftAffiliate     | char      | 15     |          |         |             |
| @I_vWennsoftBranch        | char      | 15     |          |         |             |
| @I_vWennsoftMasterEquipID | char      | 31     |          |         |             |
| @I_vWennsoftRegion        | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly    | tinyint   |        |          |         |             |
| @I_vWSMajor               | char      | 15     |          |         |             |
| @I_vWSSystem              | char      | 15     |          |         |             |
| @O_iErrorState            | int       |        |          |         |             |

| Element Name | Data Type | Length | Required | Default | Description |
|--------------|-----------|--------|----------|---------|-------------|
| @oErrString  | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                             |
|------------|-----------------------------------------|
| 52213      | The Equipment record does not exist.    |
| 52231      | The Task Code does not exist.           |
| 52387      | The Service Call does not exist.        |
| 52391      | The Skill Level does not exist.         |
| 52648      | Insert/Update failed for table SV00302. |

## wsISMSTaskCodes

- [Table: SV00560 \(page 276\)](#)
- [Error Codes \(page 282\)](#)

### Table: SV00560

| Element Name          | Data Type | Length | Required | Default | Description |
|-----------------------|-----------|--------|----------|---------|-------------|
| @I_vBillableEquipment | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor1    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor2    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor3    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor4    | numeric   | 19,5   |          |         |             |
| @I_vBillableLabor5    | numeric   | 19,5   |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vBillableMaterial    | numeric   | 19,5   |          |         |             |
| @I_vBillableOther       | numeric   | 19,5   |          |         |             |
| @I_vBillableSubs        | numeric   | 19,5   |          |         |             |
| @I_vCoverageCode        | smallint  |        |          |         |             |
| @I_vEquipmentType       | char      | 31     |          |         |             |
| @I_vEstimateEquipment   | numeric   | 19,5   |          |         |             |
| @I_vEstimateHours       | int       |        |          |         |             |
| @I_vEstimateLabor       | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor1Hours | int       |        |          |         |             |
| @I_vEstimateLabor2      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor2Hours | int       |        |          |         |             |
| @I_vEstimateLabor3      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor3Hours | int       |        |          |         |             |
| @I_vEstimateLabor4      | numeric   | 19,5   |          |         |             |
| @I_vEstimateLabor4Hours | int       |        |          |         |             |
| @I_vEstimateLabor5      | numeric   | 19,5   |          |         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vEstimateLabor5Hours | int       |        |          |         |             |
| @I_vEstimateMaterial    | numeric   | 19,5   |          |         |             |
| @I_vEstimateOther       | numeric   | 19,5   |          |         |             |
| @I_vEstimateSubs        | numeric   | 19,5   |          |         |             |
| @I_vEstimateTotalCost   | numeric   | 19,5   |          |         |             |
| @I_vItemType            | smallint  |        |          |         |             |
| @I_vMaterialKitQuantity | int       |        |          |         |             |
| @I_vMaterialKitRequired | char      | 31     |          |         |             |
| @I_vOnlyValidate        | tinyint   |        |          |         |             |
| @I_vOptional            | tinyint   |        |          |         |             |
| @I_vReturnErrorText     | tinyint   |        |          |         |             |
| @I_vRunUnits            | numeric   | 19,5   |          |         |             |
| @I_vSchedule            | smallint  |        |          |         |             |
| @I_vSkillLevel          | char      | 15     |          |         |             |
| @I_vSub1                | char      | 15     |          |         |             |
| @I_vSub2                | char      | 15     |          |         |             |
| @I_vSub3                | char      | 15     |          |         |             |
| @I_vSub4                | char      | 15     |          |         |             |



| Element Name         | Data Type | Length | Required | Default | Description |
|----------------------|-----------|--------|----------|---------|-------------|
| @I_vSVLanguageID     | smallint  |        |          |         |             |
| @I_vTaskCode         | char      | 11     |          |         |             |
| @I_vTaskDescription  | char      | 61     |          |         |             |
| @I_vTaskHours        | int       |        |          |         |             |
| @I_vTaskUserDefine1  | char      | 21     |          |         |             |
| @I_vTaskUserDefine10 | datetime  |        |          |         |             |
| @I_vTaskUserDefine11 | datetime  |        |          |         |             |
| @I_vTaskUserDefine12 | datetime  |        |          |         |             |
| @I_vTaskUserDefine13 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine14 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine15 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine16 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine17 | numeric   | 19,5   |          |         |             |
| @I_vTaskUserDefine18 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine19 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine2  | char      | 21     |          |         |             |
| @I_vTaskUserDefine20 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine21 | tinyint   |        |          |         |             |
| @I_vTaskUserDefine3  | char      | 31     |          |         |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vTaskUserDefine4 | char      | 31     |          |         |             |
| @I_vTaskUserDefine5 | int       |        |          |         |             |
| @I_vTaskUserDefine6 | int       |        |          |         |             |
| @I_vTaskUserDefine7 | int       |        |          |         |             |
| @I_vTaskUserDefine8 | int       |        |          |         |             |
| @I_vTaskUserDefine9 | datetime  |        |          |         |             |
| @I_vTechnicianID    | char      | 15     |          |         |             |
| @I_vTechnicianTeam  | char      | 15     |          |         |             |
| @I_vTimeZone        | char      | 3      |          |         |             |
| @I_vToolKitRequired | char      | 15     |          |         |             |
| @I_vUpdateIfExists  | tinyint   |        |          |         |             |
| @I_vUserID          | char      | 15     |          |         |             |
| @I_vUSRDEFND1       | char      | 50     |          |         |             |
| @I_vUSRDEFND2       | char      | 50     |          |         |             |
| @I_vUSRDEFND3       | char      | 50     |          |         |             |
| @I_vUSRDEFND4       | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5       | varchar   | 8000   |          |         |             |
| @I_vWeek1           | tinyint   |        |          |         |             |
| @I_vWeek2           | tinyint   |        |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWeek3              | tinyint   |        |          |         |             |
| @I_vWeek4              | tinyint   |        |          |         |             |
| @I_vWeek5              | tinyint   |        |          |         |             |
| @I_vWennsoftAffiliate  | char      | 15     |          |         |             |
| @I_vWennsoftBranch     | char      | 15     |          |         |             |
| @I_vWennsoftRegion     | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSFrequency        | char      | 15     |          |         |             |
| @I_vWSMajor            | char      | 15     |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedCB6      | tinyint   |        |          |         |             |
| @I_vWSReservedCB7      | tinyint   |        |          |         |             |
| @I_vWSReservedCB8      | tinyint   |        |          |         |             |
| @I_vWSReservedCB9      | tinyint   |        |          |         |             |

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedSTR1 | char      | 11     |          |         |             |
| @I_vWSReservedSTR2 | char      | 11     |          |         |             |
| @I_vWSSystem       | char      | 15     |          |         |             |
| @O_iErrorState     | int       |        |          |         |             |
| @ErrString         | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                              |
|------------|------------------------------------------|
| 52351      | WSReservedCB3 is invalid. Enter 0 or 1.  |
| 52352      | WSReservedCB4 is invalid. Enter 0 or 1.  |
| 52353      | WSReservedCB5 is invalid. Enter 0 or 1.  |
| 52354      | WSReservedCB6 is invalid. Enter 0 or 1.  |
| 52355      | WSReservedCB7 is invalid. Enter 0 or 1.  |
| 52356      | WSReservedCB8 is invalid. Enter 0 or 1.  |
| 52357      | WSReservedCB9 is invalid. Enter 0 or 1.  |
| 52358      | WSReservedCB10 is invalid. Enter 0 or 1. |
| 52363      | WSReservedCB1 is invalid. Enter 0 or 1.  |
| 52364      | WSReservedCB2 is invalid. Enter 0 or 1.  |
| 52365      | The task code is blank.                  |
| 52366      | The skill level code is blank.           |

| Error Code | Description                                  |
|------------|----------------------------------------------|
| 52367      | The skill level code does not exist.         |
| 52368      | The material kit required does not exist.    |
| 52369      | The tool kit required does not exist.        |
| 52370      | The task frequency is blank.                 |
| 52371      | The task frequency does not exist.           |
| 52372      | The coverage code is blank.                  |
| 52373      | The System field entry was not found         |
| 52374      | The sub 1 entry does not exist.              |
| 52375      | The sub 2 entry does not exist.              |
| 52376      | The sub 3 entry does not exist.              |
| 52377      | The sub 4 entry does not exist.              |
| 52378      | The Major field entry was not found.         |
| 52383      | The suggested schedule does not exist.       |
| 52384      | Error updating record in the SV00560 table.  |
| 52385      | Error inserting record in the SV00560 table. |

## wsISMSTechnician

- [Table: SV00115 \(page 284\)](#)
- [Error Codes \(page 286\)](#)

**Table: SV00115**

| Element Name               | Data Type | Length | Required | Default | Description |
|----------------------------|-----------|--------|----------|---------|-------------|
| @I_vAllowableOvertimeHours | smallint  |        |          |         |             |
| @I_vEmployeeID             | char      | 15     |          |         |             |
| @I_vEmployeeVehicle        | char      | 15     |          |         |             |
| @I_vEPACertification       | char      | 51     |          |         |             |
| @I_vOnlyValidate           | tinyint   |        |          |         |             |
| @I_vPagerNumber            | char      | 21     |          |         |             |
| @I_vPrimarySkillLevel      | char      | 15     |          |         |             |
| @I_vRDCAccessNumber        | char      | 21     |          |         |             |
| @I_vReturnErrorText        | tinyint   |        |          |         |             |
| @I_vSVInactive             | tinyint   |        |          |         |             |
| @I_vSVLanguageID           | smallint  |        |          |         |             |
| @I_vSVPagerPIN             | char      | 41     |          |         |             |
| @I_vSVPagerVendorID        | char      | 11     |          |         |             |
| @I_vTechnician             | char      | 11     |          |         |             |
| @I_vTechnicianID           | char      | 15     |          |         |             |
| @I_vTechnicianLongName     | char      | 31     |          |         |             |
| @I_vTechnicianTeam         | char      | 15     |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vTimeZone           | char      | 3      |          |         |             |
| @I_vTimeZoneTag        | char      | 5      |          |         |             |
| @I_vUpdateIfExists     | tinyint   |        |          |         |             |
| @I_vUserID             | char      | 15     |          |         |             |
| @I_vUSRDEFND1          | char      | 50     |          |         |             |
| @I_vUSRDEFND2          | char      | 50     |          |         |             |
| @I_vUSRDEFND3          | char      | 50     |          |         |             |
| @I_vUSRDEFND4          | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5          | varchar   | 8000   |          |         |             |
| @I_vVendorID           | char      | 15     |          |         |             |
| @I_vVendorSwitch       | tinyint   |        |          |         |             |
| @I_vWennsoftAffiliate  | char      | 15     |          |         |             |
| @I_vWennsoftBranch     | char      | 15     |          |         |             |
| @I_vWennsoftRegion     | char      | 15     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |

| Element Name       | Data Type | Length | Required | Default | Description |
|--------------------|-----------|--------|----------|---------|-------------|
| @I_vWSReservedCB4  | tinyint   |        |          |         |             |
| @I_vWSReservedCB5  | tinyint   |        |          |         |             |
| @I_vWSReservedCB6  | tinyint   |        |          |         |             |
| @I_vWSReservedCB7  | tinyint   |        |          |         |             |
| @I_vWSReservedCB8  | tinyint   |        |          |         |             |
| @I_vWSReservedCB9  | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1 | char      | 11     |          |         |             |
| @I_vWSReservedSTR2 | char      | 11     |          |         |             |
| @O_iErrorState     | int       |        |          |         |             |
| @oErrString        | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                                  |
|------------|------------------------------------------------------------------------------|
| 52132      | Employee ID does not exist.                                                  |
| 52177      | Affiliate, region and branch are not valid.                                  |
| 52204      | Time Zone Tag is invalid.                                                    |
| 52228      | Technician Team does not exist.                                              |
| 52261      | Vendor ID does not exist                                                     |
| 52297      | The UpdateIfExists parameter is invalid: 0=Do Not Update 1=Update if exists. |
| 52346      | Technician field is empty.                                                   |



| Error Code | Description                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------|
| 52347      | Pager Number field contains an invalid value (length > 14).                                                               |
| 52348      | Skill Level does not exist. In the SV00572, Skill Level and SV Language ID are the primary key and both need to be valid. |
| 52349      | MobileTech User Checkbox (WSReservedCB1) is invalid. Enter 0 or 1.                                                        |
| 52350      | Allow Double Checkbox (WSReservedCB2) is invalid. Enter 0 or 1.                                                           |
| 52351      | WSReservedCB3 is invalid. Enter 0 or 1.                                                                                   |
| 52352      | WSReservedCB4 is invalid. Enter 0 or 1.                                                                                   |
| 52353      | WSReservedCB5 is invalid. Enter 0 or 1.                                                                                   |
| 52354      | WSReservedCB6 is invalid. Enter 0 or 1.                                                                                   |
| 52355      | WSReservedCB7 is invalid. Enter 0 or 1.                                                                                   |
| 52356      | WSReservedCB8 is invalid. Enter 0 or 1.                                                                                   |
| 52357      | WSReservedCB9 is invalid. Enter 0 or 1.                                                                                   |
| 52358      | WSReservedCB10 is invalid. Enter 0 or 1.                                                                                  |
| 52359      | SVInactive Checkbox is invalid. 0 = Active 1=Inactive.                                                                    |
| 52360      | SV Pager Vendor ID does not exist in SV_Pager_Vendor_MSTR (SVPGVNDR).                                                     |
| 52361      | Error updating record in the SV00115 table.                                                                               |
| 52362      | Error inserting record in the SV00115 table.                                                                              |
| 52382      | A Vendor ID and Employee ID cannot be assigned to the same record.                                                        |

## wsSMSVehicle

- [Table: SV00113 \(page 288\)](#)
- [Error Codes \(page 291\)](#)

## Table: SV00113

**Description:** This will create/update vehicle records in SV00113.

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vAltitude                | numeric   | 19,5   |          |         |             |
| @I_vLatitude                | numeric   | 19,5   |          |         |             |
| @I_vLongitude               | numeric   | 19,5   |          |         |             |
| @I_vOnlyValidate            | tinyint   |        |          |         |             |
| @I_vReturnErrorText         | tinyint   |        |          |         |             |
| @I_vServiceUserDefine1      | char      | 21     |          |         |             |
| @I_vServiceUserDefine1<br>0 | datetime  |        |          |         |             |
| @I_vServiceUserDefine1<br>1 | datetime  |        |          |         |             |
| @I_vServiceUserDefine1<br>2 | datetime  |        |          |         |             |
| @I_vServiceUserDefine1<br>8 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine1<br>9 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine2      | char      | 21     |          |         |             |
| @I_vServiceUserDefine2<br>0 | tinyint   |        |          |         |             |
| @I_vServiceUserDefine2<br>1 | tinyint   |        |          |         |             |

| Element Name                | Data Type | Length | Required | Default | Description |
|-----------------------------|-----------|--------|----------|---------|-------------|
| @I_vServiceUserDefine2<br>2 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine2<br>3 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine2<br>4 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine2<br>5 | numeric   | 19,5   |          |         |             |
| @I_vServiceUserDefine3      | char      | 31     |          |         |             |
| @I_vServiceUserDefine4      | char      | 31     |          |         |             |
| @I_vServiceUserDefine5      | int       |        |          |         |             |
| @I_vServiceUserDefine6      | int       |        |          |         |             |
| @I_vServiceUserDefine7      | int       |        |          |         |             |
| @I_vServiceUserDefine8      | int       |        |          |         |             |
| @I_vServiceUserDefine9      | datetime  |        |          |         |             |
| @I_vTechnician              | char      | 11     |          |         |             |
| @I_vUpdateIfExists          | tinyint   |        |          |         |             |
| @I_vUSRDEFND1               | char      | 50     |          |         |             |
| @I_vUSRDEFND2               | char      | 50     |          |         |             |
| @I_vUSRDEFND3               | char      | 50     |          |         |             |
| @I_vUSRDEFND4               | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5               | varchar   | 8000   |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vVehicleDescription | char      | 101    |          |         |             |
| @I_vVehicleID          | char      | 101    |          |         |             |
| @I_vVehicleStatus      | char      | 51     |          |         |             |
| @I_vVIN                | char      | 31     |          |         |             |
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSReservedCB1      | tinyint   |        |          |         |             |
| @I_vWSReservedCB10     | tinyint   |        |          |         |             |
| @I_vWSReservedCB2      | tinyint   |        |          |         |             |
| @I_vWSReservedCB3      | tinyint   |        |          |         |             |
| @I_vWSReservedCB4      | tinyint   |        |          |         |             |
| @I_vWSReservedCB5      | tinyint   |        |          |         |             |
| @I_vWSReservedCB6      | tinyint   |        |          |         |             |
| @I_vWSReservedCB7      | tinyint   |        |          |         |             |
| @I_vWSReservedCB8      | tinyint   |        |          |         |             |
| @I_vWSReservedCB9      | tinyint   |        |          |         |             |
| @I_vWSReservedSTR1     | char      | 11     |          |         |             |
| @I_vWSReservedSTR2     | char      | 11     |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 255    |          |         |             |

## Error Codes

| Error Code | Description                                                          |
|------------|----------------------------------------------------------------------|
| 51112      | The Customer Number does not exist.                                  |
| 52194      | The Technician ID is invalid.                                        |
| 52315      | Error inserting/updating the service vehicle master table (SV00113). |

## wsIWSCreateUpdatePurchaseOrderIntegration

- [Tables: WS10101, SV00300, JC00102, JC00701, PM00200, IV00101, POP10100, POP10110 \(page 291\)](#)
- [Error Codes \(page 293\)](#)

### Tables: WS10101, SV00300, JC00102, JC00701, PM00200, IV00101, POP10100, POP10110

**Description:** Integrate Purchase Order Processing to Signature Job Cost or Service Management

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vCost_Code_Number_1 | char      | 7      |          |         |             |
| @I_vCost_Code_Number_2 | char      | 7      |          |         |             |
| @I_vCost_Code_Number_3 | char      | 7      |          |         |             |
| @I_vCost_Code_Number_4 | char      | 7      |          |         |             |
| @I_vCost_Element       | smallint  |        |          |         |             |
| @I_vCOSTTYPE           | smallint  |        |          |         |             |
| @I_vEquipment_ID       | char      | 31     |          |         |             |
| @I_vJOBNUMBR           | char      | 17     |          |         |             |

| Element Name             | Data Type | Length | Required | Default | Description |
|--------------------------|-----------|--------|----------|---------|-------------|
| @I_vOnlyValidate         | tinyint   |        |          |         |             |
| @I_vORD                  | int       |        |          |         |             |
| @I_vPONUMBER             | char      | 17     |          |         |             |
| @I_vProduct_Indicator    | smallint  |        |          |         |             |
| @I_vQTYRTRND             | numeric   | 19,5   |          |         |             |
| @I_vRetention_Amount_TTD | numeric   | 19,5   |          |         |             |
| @I_vRetention_Pct        | numeric   | 19,5   |          |         |             |
| @I_vRetTotalCost         | numeric   | 19,5   |          |         |             |
| @I_vRetUnitCost          | numeric   | 19,5   |          |         |             |
| @I_vReturnErrorText      | tinyint   |        |          |         |             |
| @I_vTask_Code            | char      | 11     |          |         |             |
| @I_vTXTFIELD             | varchar   | 8000   |          |         |             |
| @I_vUpdateIfExists       | tinyint   |        |          |         |             |
| @I_vUSRDEFND1            | char      | 50     |          |         |             |
| @I_vUSRDEFND2            | char      | 50     |          |         |             |
| @I_vUSRDEFND3            | char      | 50     |          |         |             |
| @I_vUSRDEFND4            | varchar   | 8000   |          |         |             |
| @I_vUSRDEFND5            | varchar   | 8000   |          |         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennSoftTablesOnly | tinyint   |        |          |         |             |
| @I_vWSPOText           | char      | 15     |          |         |             |
| @O_iErrorState         | int       |        |          |         |             |
| @oErrString            | varchar   | 305    |          |         |             |

## Error Codes

| Error Code | Description                                                                                |
|------------|--------------------------------------------------------------------------------------------|
| 51013      |                                                                                            |
| 51016      | Service Call does not exist                                                                |
| 51018      | Cost code does not exist for the job                                                       |
| 51052      | Unable to insert into Signature PO Integration table.                                      |
| 51054      | Retention percent cannot be greater than 100%.                                             |
| 51094      | Job is inactive.                                                                           |
| 51095      | Not Unbilled, Service or Job Cost.                                                         |
| 51096      | Cost code type cannot be labor                                                             |
| 51097      | The Account for this Cost Code is Inactive and cannot be using on Purchasing Transactions. |
| 51098      | Purchase Order does not exist in MBS                                                       |
| 51099      | Purchase Order Line does not exist in MBS                                                  |
| 51104      | Service Call has been posted                                                               |

| Error Code | Description                                                          |
|------------|----------------------------------------------------------------------|
| 51430      | Error updating table: WS10101.* /                                    |
| 52015      | Option to update existing record is set to false.                    |
| 52017      | Job does not exist.                                                  |
| 591        | Line status is Closed, Canceled, or Received                         |
| 591        | PO Line Status must of type New, Released, Change Order or Cancelled |

## wsIWSTransactionalHeaderAndLine

- [Name: wsiWSTransactionHeader \(page 294\)](#)
- [Name: wsiWSTransactionLine \(page 298\)](#)

### Name: wsiWSTransactionHeader

| Parameter                | Notes                                                  |
|--------------------------|--------------------------------------------------------|
| @I_vBatchNumber          | Validate, must exist                                   |
| @I_vBatchSource          | Default to GL_Normal, v2: allow override and validate. |
| @I_vJournalEntry         | Default to GJ, allow override and validate             |
| @I_vRecurringTRXSequence | Default to empty                                       |
| @I_vSourceDocument       | Validate, must exist                                   |
| @I_vReference            |                                                        |
| @I_vTRXDate              | Validate that it is in an open period                  |
| @I_vReversingDate        | D14Not supported. V2                                   |
| @I_vRecurringTRX         | Not supported. v2                                      |



| Parameter                     | Notes                                                |
|-------------------------------|------------------------------------------------------|
| @I_vBalanceForCalculation     | Research, not sure what it is.                       |
| @I_vPostingStatus             | Remove, set to Work.                                 |
| @I_vLastUser                  | Default to SQL user, allow override                  |
| @I_vLastDateEdited            | Default to SQL date, allow override.                 |
| @I_vUserWhoPosted             | Remove.                                              |
| @I_vTransactionType           | Research.                                            |
| @I_vSequenceLine              | Default to zero.                                     |
| @I_vGLHDRMessages             | Research.                                            |
| @I_vGLHDRMessages2            | Research.                                            |
| @I_vTRXSource                 | Pass through                                         |
| @I_vSeries                    | default to General Journal, allow override, validate |
| @I_vOriginatingTRXType        | Default to empty, MC not supported                   |
| @I_vOriginatingControlNumber  | Default to empty, MC not supported                   |
| @I_vOriginatingMasterID       | Default to empty, MC not supported                   |
| @I_vOriginatingMasterName     | Default to empty, MC not supported                   |
| @I_vOriginatingDocumentNumber | Default to empty, MC not supported                   |
| @I_vOriginatingPostedDate     | Default to empty, MC not supported                   |
| @I_vOriginatingTRXSource      | Default to empty, MC not supported                   |
| @I_vCurrencyID                | Default to functional currency, MC not supported.    |

| Parameter               | Notes                                  |
|-------------------------|----------------------------------------|
| @I_vNoteIndex           | Default to empty                       |
| @I_vGLHeaderValid       | Research.                              |
| @I_vPeriodID            | Remove and calc from transaction date. |
| @I_vOpenYear            | Remove and calc from transaction date. |
| @I_vClosedYear          | Default to empty.                      |
| @I_vHistoryTRX          | Default to empty.                      |
| @I_vReversingPeriodID   | Default to empty. Not supported        |
| @I_vReversingYear       | Default to empty. Not supported        |
| @I_vReversingClosedYear | Default to empty. Not supported        |
| @I_vReversingHistoryTRX | Default to empty. Not supported        |
| @I_vICTRX               | Default to empty. Not supported        |
| @I_vErrorState          | Remove.                                |
| @I_vUserDefine1         | Default to empty.                      |
| @I_vUserDefine2         |                                        |
| @I_vUserDefined1        |                                        |
| @I_vUserDefined2        |                                        |
| @I_vUserDefinedInteger1 |                                        |
| @I_vUserDefinedInteger2 |                                        |
| @I_vUserDefinedInteger3 |                                        |

| Parameter               | Notes          |
|-------------------------|----------------|
| @I_vUserDefinedInteger4 |                |
| @I_vUserDefinedDollar1  |                |
| @I_vUserDefinedDollar2  |                |
| @I_vUserDefinedDollar3  |                |
| @I_vUserDefinedDollar4  |                |
| @I_vUserDefinedDate1    | Valid dex date |
| @I_vUserDefinedDate2    | Valid dex date |
| @I_vUserDefinedDate3    | Valid dex date |
| @I_vUserDefinedDate4    | Valid dex date |
| @I_vUserDefinedCB1      | valid bool     |
| @I_vUserDefinedCB2      | valid bool     |
| @I_vUserDefinedCB3      | valid bool     |
| @I_vUserDefinedCB4      | valid bool     |
| @I_vWSReservedCB1       | valid bool     |
| @I_vWSReservedCB2       | valid bool     |
| @I_vWSReservedCB3       | valid bool     |
| @I_vWSReservedCB4       | valid bool     |
| @I_vWSReservedCB5       | valid bool     |
| @I_vUpdateIfExists      |                |

| Parameter              | Notes |
|------------------------|-------|
| @I_vWennSoftTablesOnly |       |
| @I_vOnlyValidate       |       |
| @I_vUSRDEFND1          |       |
| @I_vUSRDEFND2          |       |
| @I_vUSRDEFND3          |       |
| @I_vUSRDEFND4          |       |
| @I_vUSRDEFND5          |       |
| @I_vReturnErrorText    |       |
| @O_iErrorState         |       |
| @oErrString            |       |

**Other notes:**

- Needs to be updated to the newest template.
- Error codes need to be changed from TC error codes to Dev error codes.
- Should handle updates and creates.
- All datetimes are valid dex date/time.
- All tiny ints are valid bools.

**Name: wsiWSTransactionLine**

| Parameter        | Notes                              |
|------------------|------------------------------------|
| @I_vWSJobNumber  | Not required. Validate if supplied |
| @I_vBatchNumber  | Not required. Validate if supplied |
| @I_vBatchSource  | Not required. Validate if supplied |
| @I_vJournalEntry | Not required. Validate if supplied |

| Parameter                   | Notes                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vSequenceLine            | Auto generate, increment by 500                                                                                                                                                                         |
| @I_vProductIndicator        | Validate: 1= Unbilled, 2=JC, or 3=SMS                                                                                                                                                                   |
| @I_vAccountNumber           | Optional. Validate lookup valid posting Account Index (GL00105)                                                                                                                                         |
| @I_vAccountIndex            | Validate, overrides Account Number. If PI = 1 then user must provide valid posting account (no unit accounts), if PI=2 or PI=3 then lookup account and this parameter and Account Number must be empty. |
| @I_vServiceCallID           | Must be empty unless PI=3 then validate                                                                                                                                                                 |
| @I_vWSProjectNumber         | Remove. Lookup from job number if PI=JC                                                                                                                                                                 |
| @I_vWSCostCodeNumber1       | Validate if PI=2 otherwise must be empty                                                                                                                                                                |
| @I_vWSCostCodeNumber2       | Validate if PI=2 otherwise must be empty                                                                                                                                                                |
| @I_vWSCostCodeNumber3       | Validate if PI=2 otherwise must be empty                                                                                                                                                                |
| @I_vWSCostCodeNumber4       | Validate if PI=2 otherwise must be empty                                                                                                                                                                |
| @I_vCostCodeDescription     | Remove. Lookup                                                                                                                                                                                          |
| @I_vCostElement             | Validate if PI=2 otherwise must be empty                                                                                                                                                                |
| @I_vWSCostCode              | If PI=3 then 1-10, else must be empty                                                                                                                                                                   |
| @I_vWSOtherCostSubCode      | Research.                                                                                                                                                                                               |
| @I_vEquipmentID             | If PI=3 validate, otherwise must be empty.                                                                                                                                                              |
| @I_vCreditAmount            |                                                                                                                                                                                                         |
| @I_vDebitAmount             |                                                                                                                                                                                                         |
| @I_vOriginatingCreditAmount | Force to match CR amount MC not supported                                                                                                                                                               |

| Parameter                  | Notes                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------|
| @I_vOriginatingDebitAmount | Force to match DR amount MC not supported                                                                |
| @I_vDescription            | If PI= 1 allow any description, otherwise default to normal GUI JC and GUI SMS, allow override.          |
| @I_vProfitTypeNumber       | Remove, lookup JC00701                                                                                   |
| @I_vProfitAmount           | Remove, lookup                                                                                           |
| @I_vTRXQTY                 | Default to empty                                                                                         |
| @I_vPostingStatus          | Remove                                                                                                   |
| @I_vGLLINEMessages         | Research                                                                                                 |
| @I_vGLLINEMessages2        | Research                                                                                                 |
| @I_vGLLineValid            | Research                                                                                                 |
| @I_vAccountType            | Remove, lookup                                                                                           |
| @I_vFixedOrVariable        | Remove, lookup                                                                                           |
| @I_vBalanceForCalculation  | Remove research?                                                                                         |
| @I_vPostingType            | Remove, lookup                                                                                           |
| @I_vDecimalPlaces          | Default to 2. MC not supported. Research may be tied to currency and could lookup based on the currency. |
| @I_vPurchaseOrderNumber    | Default to empty                                                                                         |
| @I_vRatePerUnit            | Default to empty                                                                                         |
| @I_vBillingAmount          | Default to empty or if time allows: Use the SMS_GetOHAndBillingAmounts.sql to retrieve this value.       |
| @I_vVendorID               | Default to empty, validate                                                                               |

| Parameter             | Notes                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------|
| @I_vEmployeeID        | Default to empty, validate                                                                         |
| @I_vItemNumber        | Default to empty, validate                                                                         |
| @I_vItemDescription   | Default to empty, allow to override for non-IV parts                                               |
| @I_vUserID            | Default to header, allow to override.                                                              |
| @I_vWSTransactionDate | Lookup from header                                                                                 |
| @I_vOHAmount          | Default to empty or if time allows: Use the SMS_GetOHAndBillingAmounts.sql to retrieve this value. |
| @I_vOHAccountNumberCR | Optional. Validate, lookup valid posting Account Index (GL00105)                                   |
| @I_vOHAccountIndexCR  | Default to empty. not supported                                                                    |
| @I_vOHAccountNumberDR | Optional. Validate lookup posting Account Index (GL00105)                                          |
| @I_vOHAccountIndexDR  | Default to empty. not supported                                                                    |
| @I_vDivisions         | Remove, lookup                                                                                     |
| @I_vTRXHoursUnits     | Default to empty.                                                                                  |
| @I_vPayrollPayType    | Default to empty. not supported                                                                    |
| @I_vPayRecord         | Default to empty or if time allows: Validate this is valid for the employeeID.                     |
| @I_vPayRate           | Default to empty. not supported                                                                    |
| @I_vDepartment        | Default to empty or if time allows: Validate this is valid for the employeeID.                     |
| @I_vJobTitle          | Default to empty or if time allows: Validate this is valid for the employeeID.                     |
| @I_vPayRateAmount     | Default to empty. not supported                                                                    |

| Parameter                                               | Notes                                                                                                                                                                                                            |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| @I_vUPRTRXCode                                          | Default to empty. not supported                                                                                                                                                                                  |
| @I_vUOfM                                                | Default to empty. not supported                                                                                                                                                                                  |
| @I_vCurrencyID                                          | Default to functional. not supported                                                                                                                                                                             |
| @I_vCurrencyIndex                                       | Default to functional. not supported                                                                                                                                                                             |
| @I_vRateCalculationMethod                               | Default to empty. MC not supported                                                                                                                                                                               |
| @I_vExchangeRate                                        | Default to empty. MC not supported.                                                                                                                                                                              |
| @I_vDenominationExchangeRate                            | Default to empty. MC not supported                                                                                                                                                                               |
| @I_vIntercompanyID                                      | Default to empty. Not supported for IC trx.                                                                                                                                                                      |
| @I_vRateTypeID                                          | Default to empty. MC not supported.                                                                                                                                                                              |
| @I_vExchangeTableID Default to empty. MC not supported. |                                                                                                                                                                                                                  |
| @I_vExchangeDate                                        | Default to empty. MC not supported.                                                                                                                                                                              |
| @I_vPONumber                                            | Default to empty. not supported                                                                                                                                                                                  |
| @I_vTime                                                | Default to empty. not supported                                                                                                                                                                                  |
| @I_vLaborGroupName                                      | Default to empty or if time allows: Check if company is using Overhead Amounts from Job Cost and look at the SV000123 and SV00122. See the guts of the SMS_GetOHAndBillngAmounts.sql for how this might be done. |
| @I_vPricingMatrixName                                   | default to empty. not supported – ck with LZ                                                                                                                                                                     |
| @I_vWennsoftAffiliate                                   | Validate combination of Affiliate, Region, and Branch.                                                                                                                                                           |
| @I_vWennsoftRegion                                      | Validate combination of Affiliate, Region, and Branch.                                                                                                                                                           |
| @I_vWennsoftBranch                                      | Validate combination of Affiliate, Region, and Branch.                                                                                                                                                           |



| Parameter               | Notes            |
|-------------------------|------------------|
| @I_vSVLanguageID        | Default to empty |
| @I_vTimeZone            | Default to empty |
| @I_vUserDefine1         |                  |
| @I_vUserDefine2         |                  |
| @I_vUserDefined1        |                  |
| @I_vUserDefined2        |                  |
| @I_vUserDefinedInteger1 |                  |
| @I_vUserDefinedInteger2 |                  |
| @I_vUserDefinedInteger3 |                  |
| @I_vUserDefinedInteger4 |                  |
| @I_vUserDefinedDollar1  |                  |
| @I_vUserDefinedDollar2  |                  |
| @I_vUserDefinedDollar3  |                  |
| @I_vUserDefinedDollar4  |                  |
| @I_vUserDefinedDate1    | Valid dex date   |
| @I_vUserDefinedDate2    | Valid dex date.  |
| @I_vUserDefinedDate3    | Valid dex date   |
| @I_vUserDefinedDate4    | Valid dex date   |
| @I_vUserDefinedCB1      | Valid bool       |

| Parameter              | Notes      |
|------------------------|------------|
| @I_vUserDefinedCB2     | Valid bool |
| @I_vUserDefinedCB3     | Valid bool |
| @I_vUserDefinedCB4     | Valid bool |
| @I_vWSReservedCB1      | Valid bool |
| @I_vWSReservedCB2      | Valid bool |
| @I_vWSReservedCB3      | Valid bool |
| @I_vWSReservedCB4      | Valid bool |
| @I_vWSReservedCB5      | Valid bool |
| @I_vWSReservedSTR1     |            |
| @I_vWSReservedSTR2     |            |
| @I_vUpdateIfExists     |            |
| @I_vWennSoftTablesOnly |            |
| @I_vOnlyValidate       |            |
| @I_vUSRDEFND1          |            |
| @I_vUSRDEFND2          |            |
| @I_vUSRDEFND3          |            |
| @I_vUSRDEFND4          |            |
| @I_vUSRDEFND5          |            |
| @I_vReturnErrorText    |            |

| Parameter      | Notes |
|----------------|-------|
| @O_iErrorState |       |
| @oErrString    |       |

**Other notes:**

- Needs to be updated to the newest template.
- Error codes need to be changed from TC error codes to Dev error codes.
- Should handle updates and creates.
- All datetimes are valid dex date/time.
- All tiny ints are valid bools.

## wsIWSTransactionHeaderCreate

### Table Name: WS10801

**Other stored procedures called:** wsiWSTransactionHeaderCreatePre, wsiWSTransactionHeaderCreatePost, taGLTransactionHeaderInsert

**Description:**

This procedure will insert new WS transaction header records into the WS10801 table.

| Element Name             | Data Type | Length | Required | Default    | Description |
|--------------------------|-----------|--------|----------|------------|-------------|
| @I_vBatchNumber          | char      | 15     | Yes      |            | Validated   |
| @I_vBatchSource          | char      | 15     | Yes      | GL_Normal' |             |
| @I_vJournalEntry         | int       | 10     | Yes      |            | Validated   |
| @I_vRecurringTRXSequence | numeric   | 19,5   | No       |            |             |
| @I_vSourceDocument       | char      | 11     | No       | GJ'        | Validated   |
| @I_vReference            | char      | 31     | No       | None'      |             |
| @I_vTRXDate              | datetime  |        | Yes      |            | Validated   |
| @I_vReversingDate        | datetime  |        | No       | 1/1/1900'  |             |
| @I_vRecurringTRX         | tinyint   | 3      | No       | 0          |             |

| Element Name                  | Data Type | Length | Required | Default   | Description |
|-------------------------------|-----------|--------|----------|-----------|-------------|
| @I_vBalanceForCalculation     | smallint  | 5      | No       | 0         |             |
| @I_vLastUser                  | char      | 15     | No       | '         |             |
| @I_vLastDateEdited            | datetime  |        | No       | 1/1/1900' |             |
| @I_vTransactionType           | smallint  | 2      | No       | 0         |             |
| @I_vSequenceLine              | numeric   | 19,5   | No       | 0         |             |
| @I_vGLHDRMessages             | binary    | 4      | No       |           |             |
| @I_vGLHDRMessages2            | binary    | 4      | No       |           |             |
| @I_vTRXSource                 | char      | 13     | No       | '         |             |
| @I_vOriginatingTRXType        | smallint  | 5      | No       | 0         |             |
| @I_vOriginatingControl Number | char      | 21     | No       | '         |             |
| @I_vOriginatingMasterID       | char      | 31     | No       | '         |             |
| @I_vOriginatingMasterName     | char      | 65     | No       | '         |             |
| @I_vOriginatingDocumentNumber | char      | 21     | No       | '         |             |
| @I_vOriginatingPostedDate     | datetime  |        | No       | 1/1/1900' |             |
| @I_vOriginatingTRXSource      | char      | 13     | No       | '         |             |
| @I_vCurrencyID                | char      | 15     | No       | Z-US\$'   |             |
| @I_vClosedYear                | smallint  | 5      | No       | 0         |             |

| Element Name            | Data Type | Length | Required | Default | Description |
|-------------------------|-----------|--------|----------|---------|-------------|
| @I_vHistoryTRX          | tinyint   | 3      | No       | 0       |             |
| @I_vReversingPeriodID   | smallint  | 5      | No       | 0       |             |
| @I_vReversingYear       | smallint  | 5      | No       | 0       |             |
| @I_vReversingClosedYear | smallint  | 5      | No       | 0       |             |
| @I_vReversingHistoryTRX | tinyint   | 3      | No       | 0       |             |
| @I_vICTRX               | tinyint   | 3      | No       | 0       |             |
| @I_vUserDefine1         | char      | 31     | No       | '       |             |
| @I_vUserDefine2         | char      | 31     | No       | '       |             |
| @I_vUserDefined1        | char      | 21     | No       | '       |             |
| @I_vUserDefined2        | char      | 21     | No       | '       |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0       |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       | 0       |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       | 0       |             |

| Element Name           | Data Type | Length | Required | Default   | Description |
|------------------------|-----------|--------|----------|-----------|-------------|
| @I_vUserDefinedDollar4 | numeric   | 19,5   | No       | 0         |             |
| @I_vUserDefinedDate1   | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedDate2   | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedDate3   | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedDate4   | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedCB1     | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB2     | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB3     | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB4     | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB1      | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB2      | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB3      | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB4      | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB5      | tinyint   | 3      | No       | 0         |             |
| @I_vWennSoftTablesOnly | tinyint   | 3      | No       | 0         |             |
| @I_vOnlyValidate       | tinyint   | 3      | No       | 0         |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '         |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '         |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '         |             |

| Element Name        | Data Type | Length | Required | Default | Description |
|---------------------|-----------|--------|----------|---------|-------------|
| @I_vUSRDEFND4       | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5       | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText | tinyint   | 1      | No       | 1       |             |
| @O_iErrorState      | int       | 10     | No       | 0       |             |
| @oErrString         | varchar   | 255    | No       | '       |             |

## wsIWSTransactionLineCreate

### Table Name: WS10802

**Other stored procedures called:** wsiWSTransactionLineCreatePre, wsiWSTransactionLineCreatePost, taGLTransactionLineInsert

**Description:**

This procedure allows the insert of new transaction records into the WS10802 table and calls the taGLTransactionLineInsert procedure. The [wsiWSTransactionHeaderCreate \(page 305\)](#) procedure should be run prior to this procedure as validation and field values are dependent on header values during this process.

| Element Name         | Data Type | Length | Required | Default | Description                                                                                                             |
|----------------------|-----------|--------|----------|---------|-------------------------------------------------------------------------------------------------------------------------|
| @I_vWSJobNumber      | char      | 17     | No       | '       | Required and validated for Job Cost                                                                                     |
| @I_vJournalEntry     | int       | 10     | Yes      |         | Validated - WS10801                                                                                                     |
| @I_vProductIndicator | smallint  | 5      | Yes      |         | Must be 1 Unbilled, 2 Job Cost, or 3 Service                                                                            |
| .@I_vAccountNumber   | char      | 200    | No       | '       | Auto set for Service, Auto set for JC if using divisional posting accounts, else must provide acct number or acct index |

| Element Name                | Data Type | Length | Required | Default              | Description                                                                                                          |
|-----------------------------|-----------|--------|----------|----------------------|----------------------------------------------------------------------------------------------------------------------|
| @I_vAccountIndex            | int       | 10     | No       | 0                    | Auto set for Service, Auto set for JC if using divisional posting accts, else must provide acct number or acct index |
| @I_vServiceCallID           | char      | 17     | No       | '                    | Required and validated for Service                                                                                   |
| @I_vWSCostCode Number1      | char      | 7      | No       | '                    | Validated - Job Cost JC00701                                                                                         |
| @I_vWSCostCode Number2      | char      | 7      | No       | '                    | Validated - Job Cost JC00701                                                                                         |
| @I_vWSCostCode Number3      | char      | 7      | No       | '                    | Validated - Job Cost JC00701                                                                                         |
| @I_vWSCostCode Number4      | char      | 7      | No       | '                    | Validated - Job Cost JC00701                                                                                         |
| @I_vCostElement             | smallint  | 5      | No       | 0                    | Validated - Job Cost                                                                                                 |
| @I_vWSCostCode              | int       | 10     | No       | 0                    | Validated - Service                                                                                                  |
| @I_vWSOtherCost SubCode     | int       | 10     | No       | 0                    | Validated - Service SV00145                                                                                          |
| @I_vEquipmentID             | char      | 31     | No       | '                    | Validated - Service SV00400, SV00300                                                                                 |
| @I_vCreditAmount            | numeric   | 19,5   | No       | 0                    | Validated against both credit and debit being non zero                                                               |
| @I_vDebitAmount             | numeric   | 19,5   | No       | 0                    | Validated against both credit and debit being non zero                                                               |
| @I_vOriginatingCreditAmount | numeric   | 19,5   | No       | set to Credit Amount | set to Credit Amount                                                                                                 |



| Element Name               | Data Type | Length | Required | Default                                 | Description                                               |
|----------------------------|-----------|--------|----------|-----------------------------------------|-----------------------------------------------------------|
| @I_vOriginatingDebitAmount | numeric   | 19,5   | No       | set to Debit Amount                     | set to Debit Amount                                       |
| @I_vDescription            | char      | 31     | No       | JC - 'Job ' + job number + cost element | Service - set to 'Service ' + service call Id + cost code |
| @I_vTRXQTY                 | numeric   | 19,5   | No       | 0                                       |                                                           |
| @I_vGLLINEMessages         | binary    | 4      | No       |                                         |                                                           |
| @I_vGLLINEMessages2        | binary    | 4      | No       |                                         |                                                           |
| @I_vGLLineValid            | binary    | 4      | No       |                                         |                                                           |
| @I_vFixedOrVariable        | smallint  | 5      | No       | Set to 0                                | Set to 0                                                  |
| @I_vBalanceForCalculation  | smallint  | 5      | No       | Set to 0                                | Set to 0                                                  |
| @I_vPostingType            | smallint  | 5      | No       | 0 or 1 for Service                      |                                                           |
| @I_vDecimalPlaces          | smallint  | 5      | No       | 2                                       | Set to 2                                                  |
| @I_vPurchaseOrderNumber    | char      | 21     | No       | '                                       |                                                           |
| @I_vRatePerUnit            | numeric   | 19,5   | No       | 0                                       |                                                           |
| @I_vBillingAmount          | numeric   | 19,5   | No       | 0                                       |                                                           |
| @I_vVendorID               | char      | 15     | No       | '                                       | Validated - PM00200                                       |
| @I_vEmployeeID             | char      | 15     | No       | '                                       | Validated - UPR00100                                      |

| Element Name         | Data Type | Length | Required | Default               | Description |
|----------------------|-----------|--------|----------|-----------------------|-------------|
| @I_vItemNumber       | char      | 31     | No       | '                     |             |
| @I_vItemDescription  | char      | 101    | No       | '                     |             |
| @I_vUserID           | char      | 15     | No       | '                     |             |
| @I_vOHAmount         | numeric   | 19,5   | No       | 0                     |             |
| @I_vOHAccountIndexCR | int       | 10     | No       | 0                     |             |
| @I_vOHAccountIndexDR | int       | 10     | No       | 0                     |             |
| @I_vTRXHoursUnits    | int       | 10     | No       | 0                     |             |
| @I_vPayrollPayType   | smallint  | 5      | No       | 0                     |             |
| @I_vPayRecord        | char      | 7      | No       | '                     |             |
| @I_vPayRate          | numeric   | 19,5   | No       | 0                     |             |
| @I_vDepartment       | char      | 7      | No       | '                     |             |
| @I_vJobTitle         | char      | 7      | No       | '                     |             |
| @I_vPayRateAmount    | numeric   | 19,5   | No       | 0                     |             |
| @I_vUPRTRXCode       | char      | 7      | No       | '                     |             |
| @I_vUOfM             | char      | 9      | No       | '                     |             |
| @I_vCurrencyID       | char      | 15     | No       | FUNLCURR from MC40000 |             |

| Element Name                 | Data Type | Length | Required | Default     | Description                  |
|------------------------------|-----------|--------|----------|-------------|------------------------------|
| @I_vCurrencyIndex            | smallint  | 5      | No       | Set to 1007 | Set to 1007                  |
| @I_vRateCalculationMethod    | smallint  | 5      | No       | 0           |                              |
| @I_vExchangeRate             | numeric   | 19,7   | No       | 0           |                              |
| @I_vDenominationExchangeRate | numeric   | 19,7   | No       | 0           |                              |
| @I_vIntercompanyID           | char      | 5      | No       | '           | SELECT DB_NAME()             |
| @I_vRateTypeID               | char      | 15     | No       | '           |                              |
| @I_vExchangeTableID          | char      | 15     | No       | '           |                              |
| @I_vExchangeDate             | datetime  |        | No       | 1/1/1900'   |                              |
| @I_vPONumber                 | char      | 17     | No       | '           |                              |
| @I_vTime                     | datetime  |        | No       | 1/1/1900'   |                              |
| @I_vLaborGroupName           | char      | 15     | No       | '           |                              |
| @I_vPricingMatrixName        | char      | 15     | No       | '           | set for service from SV00200 |
| @I_vWennsoftAffiliate        | char      | 15     | No       | '           | Validated - sv00015          |
| @I_vWennsoftRegion           | char      | 15     | No       | '           | Validated - sv00015          |
| @I_vWennsoftBranch           | char      | 15     | No       | '           | Validated - sv00015          |

| Element Name            | Data Type | Length | Required | Default   | Description |
|-------------------------|-----------|--------|----------|-----------|-------------|
| @I_vSVLanguageID        | smallint  | 5      | No       | 0         |             |
| @I_vTimeZone            | char      | 3      | No       | '         |             |
| @I_vUserDefine1         | char      | 31     | No       | '         |             |
| @I_vUserDefine2         | char      | 31     | No       | '         |             |
| @I_vUserDefined1        | char      | 21     | No       | '         |             |
| @I_vUserDefined2        | char      | 21     | No       | '         |             |
| @I_vUserDefinedInteger1 | int       | 10     | No       | 0         |             |
| @I_vUserDefinedInteger2 | int       | 10     | No       | 0         |             |
| @I_vUserDefinedInteger3 | int       | 10     | No       | 0         |             |
| @I_vUserDefinedInteger4 | int       | 10     | No       | 0         |             |
| @I_vUserDefinedDollar1  | numeric   | 19,5   | No       | 0         |             |
| @I_vUserDefinedDollar2  | numeric   | 19,5   | No       | 0         |             |
| @I_vUserDefinedDollar3  | numeric   | 19,5   | No       | 0         |             |
| @I_vUserDefinedDollar4  | numeric   | 19,5   | No       | 0         |             |
| @I_vUserDefinedDate1    | datetime  |        | No       | 1/1/1900' |             |

| Element Name         | Data Type | Length | Required | Default   | Description |
|----------------------|-----------|--------|----------|-----------|-------------|
| @I_vUserDefinedDate2 | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedDate3 | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedDate4 | datetime  |        | No       | 1/1/1900' |             |
| @I_vUserDefinedCB1   | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB2   | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB3   | tinyint   | 3      | No       | 0         |             |
| @I_vUserDefinedCB4   | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB1    | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB2    | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB3    | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB4    | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedCB5    | tinyint   | 3      | No       | 0         |             |
| @I_vWSReservedSTR1   | char      | 11     | No       | '         |             |
| @I_vWSReservedSTR2   | char      | 11     | No       | '         |             |

| Element Name           | Data Type | Length | Required | Default | Description |
|------------------------|-----------|--------|----------|---------|-------------|
| @I_vWennSoftTablesOnly | tinyint   | 3      | Yes      | 0       |             |
| @I_vOnlyValidate       | tinyint   | 3      | Yes      | 0       |             |
| @I_vUSRDEFND1          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND2          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND3          | char      | 50     | No       | '       |             |
| @I_vUSRDEFND4          | varchar   | 8000   | No       | '       |             |
| @I_vUSRDEFND5          | varchar   | 8000   | No       | '       |             |
| @I_vReturnErrorText    | tinyint   | 1      | No       | 1       |             |
| @O_iErrorState         | int       | 10     | No       | 0       |             |
| @oErrString            | varchar   | 255    | No       |         |             |

## Contact Information

### Support

Phone: 262-317-3800

Email: [support@wennsoft.com](mailto:support@wennsoft.com)<sup>1</sup>

Hours: Normal support hours are 7:00 a.m. to 6:00 p.m. Central Time. After-hours and weekend support is available for an additional charge. Please contact WennSoft Support for additional information.

WennSoft will be closed in observance of the following holidays: New Year's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the day after Thanksgiving, Christmas Day, and the day after Christmas.

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### Support Plans

We're committed to providing the service you need to solve your problems and help your team maximize productivity.

We offer several Signature Enhancement and Support Plans to meet your needs and Extended Support Plans for retired product versions available at <https://www.wennsoft.com/wsportal><sup>2</sup>.

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### Sales

Phone: 262-317-3700

Fax: 262-317-3701

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### WennSoft Headquarters

Address:

WennSoft

1970 S. Calhoun Rd.

New Berlin, WI 53151-1187

Phone: 262-821-4100 or 866-539-2228

Email: [info@wennsoft.com](mailto:info@wennsoft.com)<sup>3</sup>

Website: [www.wennsoft.com](http://www.wennsoft.com)<sup>4</sup>

Office hours: Monday through Friday from 8 a.m. to 5 p.m. Central Time.

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<sup>1</sup> <mailto:support@wennsoft.com>

<sup>2</sup> <https://www.wennsoft.com/wsportal/>

<sup>3</sup> <mailto:info@wennsoft.com>

<sup>4</sup> <http://www.wennsoft.com>

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