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# Calculating Freight

Megan De Freitas - 2024-12-03 - [System](#)

## Overview

The Calculate Freight function automatically calculates the shipping charge for an order.

## Setup

Administrator access to the SQL server is required to set up the freight values. SalesPad ships with the sppGetSalesDocumentFreight stored procedure but will need to have an additional stored procedure created to store the freight calculation rules and values. An example stored procedure, cp\_CalculateFreight, containing freight rules and values is shown below. To create a new stored procedure on the SQL server:

1. Name it cp\_CalculateFreight
2. Copy and paste the code below
3. Edit the section below CASE to be the desired freight rules and values
4. Save the changes

### cp\_CalculateFreight Stored Procedure (copy and paste)

```
SET ANSI_NULLS ON GO
SET QUOTED_IDENTIFIER ON USE [TWO]
GO
SET ANSI_NULLS ON GO
SET QUOTED_IDENTIFIER ON
ALTER procedure [dbo].[cp_CalculateFreight]
@freight_amt money output,
@ship_method varchar(40),
@Subtotal money,
@returnRecordSet as bit = 0
AS
set @freight_amt =
'CASE
WHEN (@Subtotal < 25) THEN 11.95
WHEN (@Subtotal < 50) THEN 15.95
WHEN (@Subtotal < 100) THEN 16.95
WHEN (@Subtotal >= 100) THEN 55.99
ELSE 0
END'
```

Finally, edit the sppGetSalesDocumentFreight stored procedure:

1. Select sppGetSalesDocumentFreight from the stored procedures list
2. Right-click and select Modify
3. The text shown below in red must have the same name as the new stored procedure created with the freight rules and values.

### sppGetSalesDocumentFreight Stored Procedure

```
SET ANSI_NULLS ON GO
SET QUOTED_IDENTIFIER ON GO
ALTER procedure [dbo].[sppGetSalesDocumentFreight]
@Shipping_Method as varchar(50) = "",
@Subtotal as numeric(19,5) = 0,
@Weight as numeric(19,5) = 0,
@Freight as numeric(19,5) = 0,
@Message as varchar(500) = ""
as
if (object_id('cp_CalculateFreight') is not null ) begin
```

```
exec cp CalculateFreight @Freight output, @Shipping_Method,
@Subtotal end
select Shipping_Method=@Shipping_Method, Subtotal=@Subtotal, Weight=@Weight,
Freight = cast(@Freight as numeric (19,5)), Message = "
```

### Usage

Select any order and open it. There will now be an ellipsis in the Freight box. Clicking on the ellipsis (...) will automatically calculate freight based on the defined freight rules and values:

The screenshot shows the 'SalesPad' application window titled '(ORDER) - TWO - SalesPad'. The interface includes a menu bar at the top with options like Application, Case Tracker, CRM, Distribution BOM, Equipment Management, Inventory, Purchasing, Reporting, Returns Management, Sales, Setup / Utilities, and SignaturePa. Below the menu is a toolbar with icons for Close, Save, Print, Shipping Weight, Delete, Copy, Allocate, Unallocate, and Dynamics GP. The main area is divided into several sections: Document Properties, Shipping Address, Additional Properties, and Totals. The Document Properties section contains fields for Customer # (WORLDENT0001), Customer Name (World Enterprises), Sales Rep (GREG E.), Sales Terr (TERRITOR...), Pay Terms (NET 30), Ship Method (GROUND), Whse (WAREHOUSE), Doc Date (8/21/2018), and Currency (Z-US\$). The Shipping Address section shows the address for World Enterprises Service Center. The Additional Properties section includes Batch/Q, Price Level (RETAIL), and a No Holds button. The Totals section on the right lists various charges: Misc Charge (0.00), Discount (0.00), Discount % (0.00%), Freight (5.00), Tax (0.00), Total (0.00), and Payment (0.00). The Freight field is highlighted with a red circle and contains an ellipsis (...). At the bottom, there is a table with columns for Item, Description, NT, DS, Qty, UOM, Price, Cost, Price Source, xItte..., Sales P..., Qty F..., Req Ship, Sale..., Whse, Qty BO, and C... The status bar at the bottom indicates 'Ready' and provides additional context like '8/20/2018', 'sa', 'TWO', '(1 of 231 seats in-use)', and 'v4.6.3.2'.

### Settings

*Calculate Freight Enabled* - Enables the Calculate freight button link in a Sales Document