Viewpoint Jobpac Connect™

S-Curves for WIH Forecasting
Function Guide
Version: 1.0

Document Control Table

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Approved or authorised by	
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Commercial in Confidence	

Change History

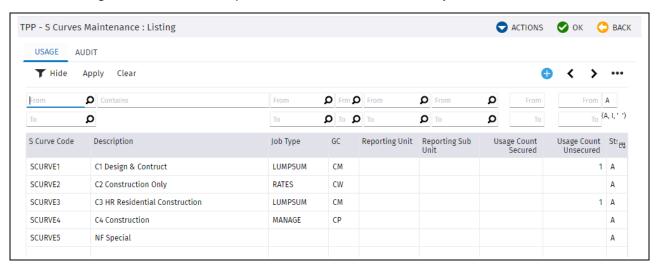| Version	Date	Author	Description of Changes
1.0	31/12/2021	DMB	Initial Release

Table of Contents

'S' Curve Library

This section outlines how you can set up and maintain the 'S' curve library. 'S' curves can be used at project level for spreading Work in Hand cost and turnover across the remainder of both secured and unsecured projects.

Set up 'S' curves

Flexible 'S' curve maintenance facilities can be used to review and add new S-Curves. To see a list of existing S-Curves use the option S-Curve Maintenance in System Administration menu.
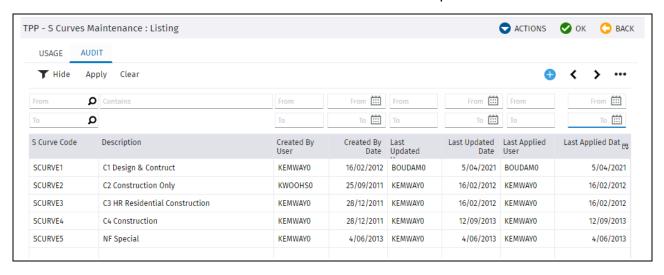

S Curve Code	Description	Job Type	GC	Reporting Unit	Reporting Sub Unit	Usage Count Secured	Usage Count Unsecured	St
SCURVE1	C1 Design & Contruct	LUMPSUM	CM				1	A
SCURVE2	C2 Construction Only	RATES	CW					A
SCURVE3	C3 HR Residential Construction	LUMPSUM	CM				1	A
SCURVE4	C4 Construction	MANAGE	CP					A
SCURVE5	NF Special							A

Field Name	Description
S Curve Code	Name of the 'S' curve. Used to assign to projects.
Description	'S' curve description.
Job Type	Job type. This limits this S-Curve to projects with this Job Type.
GC	Job group code. This limits this S-Curve to projects with this Group Code
Reporting Unit	Job reporting unit. This limits this S-Curve to projects with this Reporting Unit
Reporting Sub Unit	Job reporting sub unit. This limits this S-Curve to projects with this Reporting Sub-Unit
Usage Count – Secured Works	Number of secured works projects that are currently associated with the 'S' curve.
Usage Count – Unsecured Works	Number of unsecured works projects that are currently associated with the 'S' curve.
Status	Current status of 'S' curve – Active (A), Inactive (I).

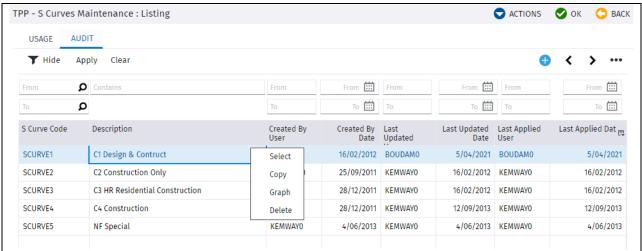The Audit Tab shows who created the S-Curve and who the last person was who modified it.

Fields on the second 'S' curve maintenance screen – Audit.

Field Name	Description
S Curve Code	Name of the 'S' curve.
Description	'S' curve description.
Created By User	User id who created the 'S' curve.
Create By Date	Date of creation of the 'S' curve.
Last Updated User	User id who last updated the 'S' curve.
Last Updated Date	Date of the last change to the 'S' curve.
Last Applied User	User id who last applied the 'S' curve changes across secured and unsecured works projects.
Last Applied Date	Date of the last application of the values of the 'S' curve across the secured and unsecured works.

Options available for 'S' curves.

Option	Description
Select	Drill down to 'S' curve details.

Option	Description
Copy	Copy 'S' curve.
Graph	Graph 'S' curve.

Delete	Delete 'S' curve.

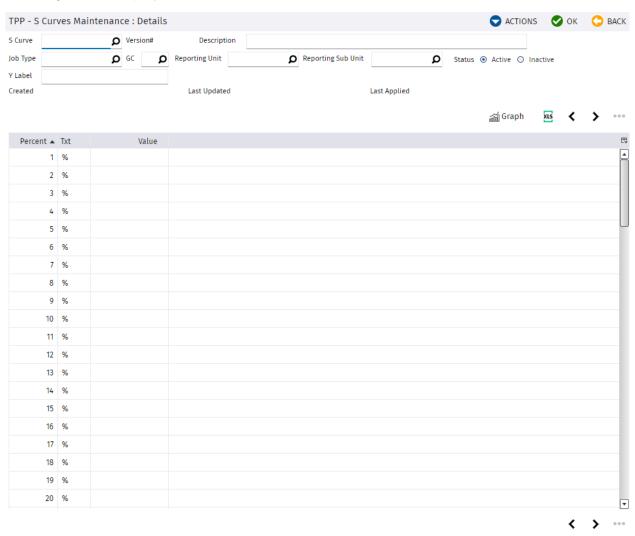## Adding an S-Curve

There is an Action option on the first screen to add a new S-Curve. When this is selected, the following screen displays.

Fields on the 'S' curve maintenance details screen.

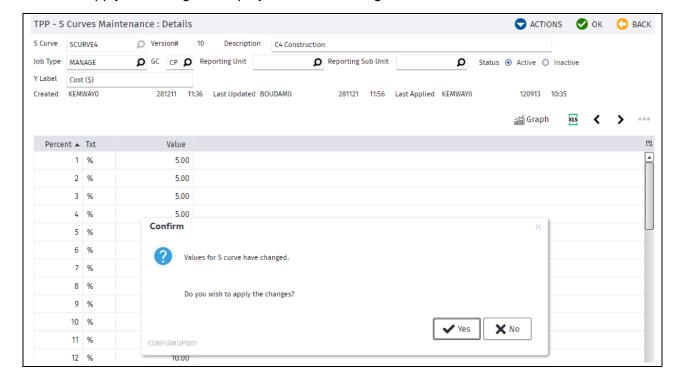| Field Name	Description
S Curve	Code to represent the 'S' curve.
Version#	'S' curve current version number. This is blank for a new S-Curve.
Description	'S' curve description.
Job Type	Job type. This limits this S-Curve to projects with this Job Type.
GC	Job group code. This limits this S-Curve to projects with this Group Code.

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Field Name	Description
Reporting Unit	Job reporting unit. This limits this S-Curve to projects with this Reporting Unit
Reporting Sub Unit	Job reporting sub unit. This limits this S-Curve to projects with this Reporting Sub-Unit
Status	Status of 'S' curve – Active (A), Inactive (I). The S-Curve does not become available until this is 'A'
Y Label	This is the Label you want on the S-Curve Chart. Usually Value $.
Created	'S' curve created by user id, date, and time. Blank for New
Last Updated	'S' curve last change updated by user id, date, and time. Blank for New
Last Applied	'S' curve last applied by user id, date, and time. Blank for New
Value	Value at specified percentage based on a unit of $1,000. There are 100 points on the X axis. Generally you need a value for each.

Modifying an S-Curve

Use the Option Select to pick an existing S-Curve, change the values and Apply the changes.
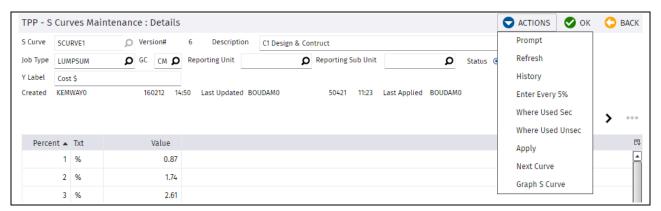
This will apply the change to all projects that are using this S-Curve

There are a number of other options available in the Actions Button

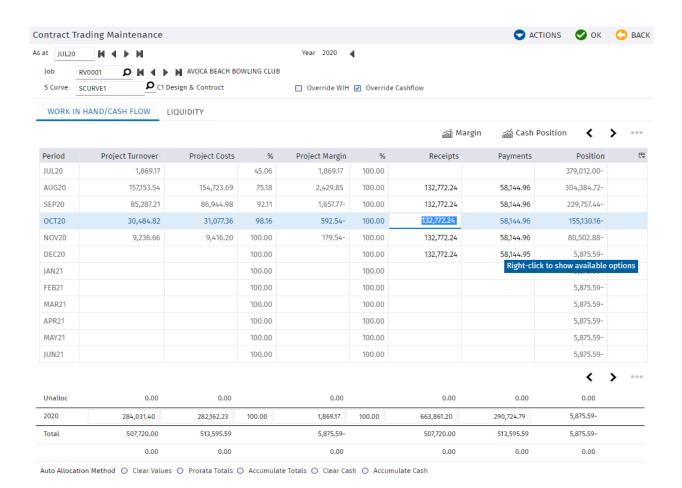| Field Name	Description
History.	This shows a history of changes to this S-Curve
Enter Every 5%	This will change the entry screen to 5% intervals
Where Used Sec	Shows a list of secured projects where this is used
Where Used Unsec	Shows a list of un-secured projects where this is used

Using S-Curves

Use of 'S' Curves in Secured Works

'S' curves can be associated with projects to automate the WIH using the 'S' curve values entered.

Go to WIH, and select a month. Then select an S-Curve. This will apply the S-Curve to the remaining WIH. The option Override Cashflow should be selected so that the Receipts and Payments will not change.
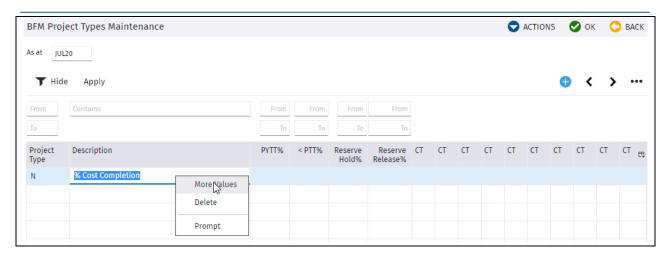
'S' curve values allocation can be overridden using the check boxes 'Override WIH' and 'Override Cashflow'. This will allow manual entry of WIH and cashflow values by the user. If you re-select the S-Curve it will reapply the S-Curve.
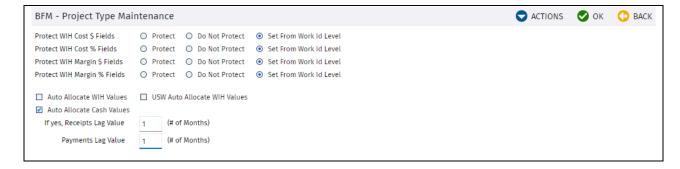

The system can be configured to automatically populate Receipts and Payments based on the Turnover or Costs. This is done in BFM Utilities>Project Types Maintenance>More Values

This applies to all projects.

Auto Allocate Cash Value can be ticked, and a Lag no of months entered, usually 1.

So when the S-Curve is applied to the WIH costs, the values calculated for Turnover and Costs can be used to populate the Receipts and payments automatically. If this function is used, the ability to override the Receipts and payments in not available.
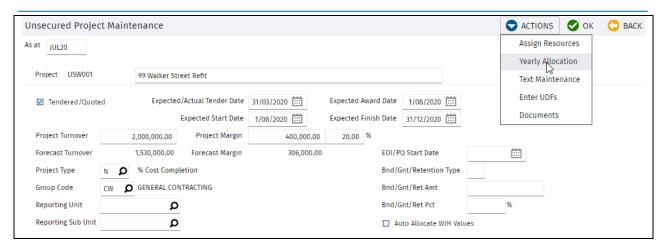
Use of 'S' curves in Unsecured Works

'S' curve can be associated with projects to automate the WIH using the 'S' curve values entered.
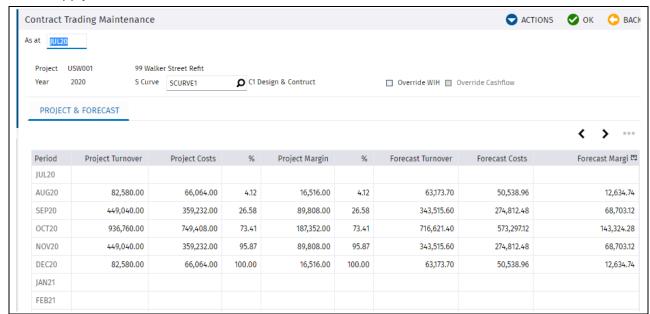
Select the Yearly Allocation' option in Un-Secured Projects Maintenance

S-Curves for WIH Forecasting

Then apply an S-Curve.

'S' curve values allocation can be overridden using the check box 'Override WIH'. This will allow manual entry of WIH values by the user.