

**Title**

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# Functionality XXX

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## Section 1

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Background

## Section 2

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Background

## Section 3

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Background

## Config Control

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### Module XXX

**Table 1: Module Information**

<b>Title</b>	Funtionality XXXX
<b>Module ID</b>	com.rr.perf.tbapassoff
<b>Module Version</b>	1.4
<b>User Authority</b>	Dave Widdowson
<b>Computing Authority</b>	Matt Wood
<b>Technical Authority</b>	Owen Cumpson
<b>Team Leader</b>	Nicolas Balkota

**Table 2: Module history.**

Date	Version	Description	Phobos Release
15 June 2012	1.4	Improvements resulting from user feedback.	8.6.7
29 June 2012	1.5	Improvements resulting from user feedback.	8.6.8

## Change History

### Version 1.6

1. Changed default x and y to NotSet to force user to choose.
2. Fix to clear additional scan information when curve is changed.

**Version 1.5**

1. Changed Assign Rating logic to only affect the selected scans.
2. Help comments from NB.

**Version 1.4**

1. Minor change to sizing of UI
2. Added DITA generated javahelp.

**Version 1.2 - Changes due to user feedback from NB 19/5/12.**

1. Rating display of syntax Rating x in drop down sub-menu list on table and within table Rating cell instead of RATINGx
2. Fix NPE when X or Y parameter is NotSet and the table cells are edited.

**Version 1.2 - Changes due to user feedback from NB 18/5/12.**

1. Updated logic to only use scans with applied rating to be plotted/fitted
2. There are now 10 Rating groups
3. Column Ordering on pressing headers. This can be multiple sorting if you hold CTRL and press another column header.
4. Right Click on selected rows in table:
5. Set Ratings - for the selected rows from the drop down menu. This will unselect any user selected additional scans in the last column.
6. Select/Unselect - for the selected rows if there is no Rating set then these can be set as selected/unselected.
7. Button added "Assign Auto Ratings" - this scrolls through the selected data and assigns any parameters with the syntax Pxx where xx takes the value 1 -> 10.
8. Button labelling updated to "Select Best Fit Scans" and tooltip text
9. Tooltips added to buttons as defined by user requirement.
10. Column Header "Rating Grp" updated to "Rating Group"
11. Column Header "Best Scan" updated to "Selected Scans"
12. Column "Selected Scans" is editable for rows now not just those with ratings, this allows additional non-rated rows to be included in the output curve but not included in the plotting or fitting of the data.
13. Added ToolTip text to column headers.

**Version 1.1 - Changes due to user feedback from NB 18/4/12.**

1. Change title of profile.
2. Change behavior of filing to ensure curve is filed to the same experiment.
3. Fixed the loss of the output curve name and renamed fields and methods to OutputCurveName
4. Added parser logic to read FitOrder.
5. Put table and chart into tab panel and made bigger to ensure more space allocated in profile window.
6. Swapped content of last two columns so IsUsed is right most.
7. Added column to table to show the value of MEP.
8. Disable the graph interactivity.
9. Change curve creation to reference input curve and not copy it.
10. Fixed MinErrors to update table and enable save if changes made.
11. Changed the default value of isUsedInFit from true to false to avoid line fit error.
12. Changed the title of the button to 'Select best scans' and added tooltip.
13. Removed isUsedInFit column and changed isSelected column to Best Scan
14. Set selection scan to be not editable until rating group defined.
15. Add catch for error in -1 array index from linefitmethods so extract is added, problem still exists.

**Version 1.0 - Initial version.**

1. Based on qs01 exec file.