



## HLMSW Tutorial - Ordering Orchestration Lists

Peter Grimshaw

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### Overview

One of the more complex tasks in HLMSW form creation concerns multi-column orchestration list in a Sub Report with all of the instruments displayed in the correct order.

This complexity comes from the fact that there are two display modes for these lists with special settings to create the items in the correct order. If for any reason these settings become mixed up, the order of the instruments will be adversely affected.

### Top-to-Bottom Lists

This first configuration is the easiest to create where the items are printed in rows going from top to bottom as per the example below:

1	Full Score	1	Trumpet II
1	Flute I	1	Trumpet III
1	Flute II	1	Trombone I
1	Fl&Picc III	1	Trombone II
1	Oboe I	1	Trombone III
1	Oboe II	1	Tuba
1	Cor Anglais	1	Timpani
1	Clarinet I	1	Bass Drum
1	Clarinet II	1	Harp
1	Clarinet III	8	Violin I
1	Bassoon I	7	Violin II
1	Bassoon II	6	Viola
1	Horn I	5	Cello
1	Horn II	4	Double Bass
1	Horn III		
1	Horn IV		
1	Trumpet I		

#### BTM Innovation Pty Ltd

ACN 090 385 176 • ABN 71 090 385 176

**Please note NEW Address**

8 Finnis Street • North Adelaide • SOUTH AUSTRALIA • 5006  
 PO Box 3054 • Melbourne Street • North Adelaide • SOUTH AUSTRALIA • 5006  
 Tel/Fax +61 (0)8 8239 1737 • Mobile +61 (0) 409 286 400  
 info@btmi.com.au • <http://www.btmi.com.au>

## Left-To-Right Lists

More aesthetically pleasing are Left-To-Right lists where each column is balanced and distributed evenly across the page as per the example below.

1	Full Score	1	Clarinet II	1	Trumpet I	1	Bass Drum
1	Flute I	1	Clarinet III	1	Trumpet II	1	Harp
1	Flute II	1	Bassoon I	1	Trumpet III	8	Violin I
1	Fl&Picc III	1	Bassoon II	1	Trombone I	7	Violin II
1	Oboe I	1	Horn I	1	Trombone II	6	Viola
1	Oboe II	1	Horn II	1	Trombone III	5	Cello
1	Cor Anglais	1	Horn III	1	Tuba	4	Double Bass
1	Clarinet I	1	Horn IV	1	Timpani		

## Changing the Formats of your Lists

To switch between the two types requires changes in two different places in HLMSW.

### 1) Number of Print Columns Setting

In the *Edit Form Settings* screen, the edit item **Number of Print Columns** should be configured in the following way:

**Top-To-Bottom:** The value **MUST** be set to 1 as per below

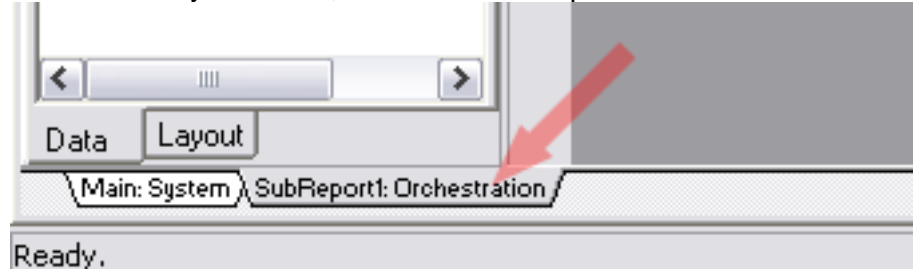
The screenshot shows the 'Edit Form Settings' dialog box for a form named 'UK DELIVERY NOTE'. The 'Number of Print Columns' is set to 1, which is circled in red. The dialog includes various settings such as Visibility, Default Destination, Print Range, Form Options, Email Options, Printer Fields, and Auto Update. A large blue watermark 'Top-to-Bottom' is overlaid across the center of the dialog.

**Left-To-Right:** The value must be set to the number of columns that are displayed on the form as per below

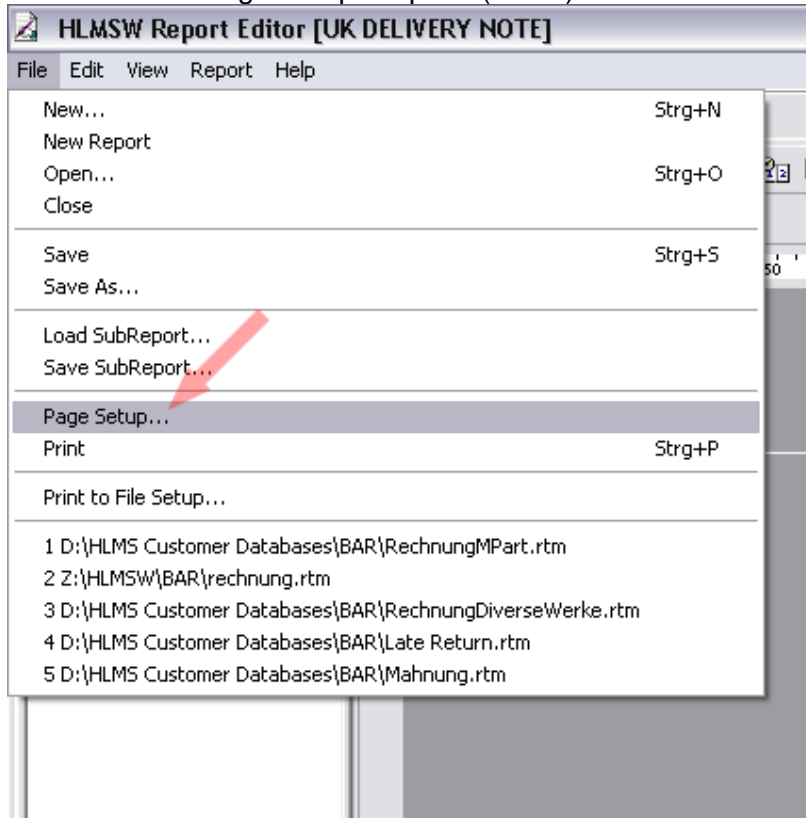
The screenshot shows the 'Edit Form Settings' dialog box for a form named 'UK DELIVERY NOTE'. The 'Number of Print Columns' field is highlighted with a red circle and contains the value '1'. A large blue watermark 'Left-to-Right' is overlaid on the dialog. The dialog includes various settings such as Name, Folder, Access Required, Visibility, Default Destination, Print Range, Form Options, Email Options, Printer Fields, and Orchestration.

## 2) Edit Layout

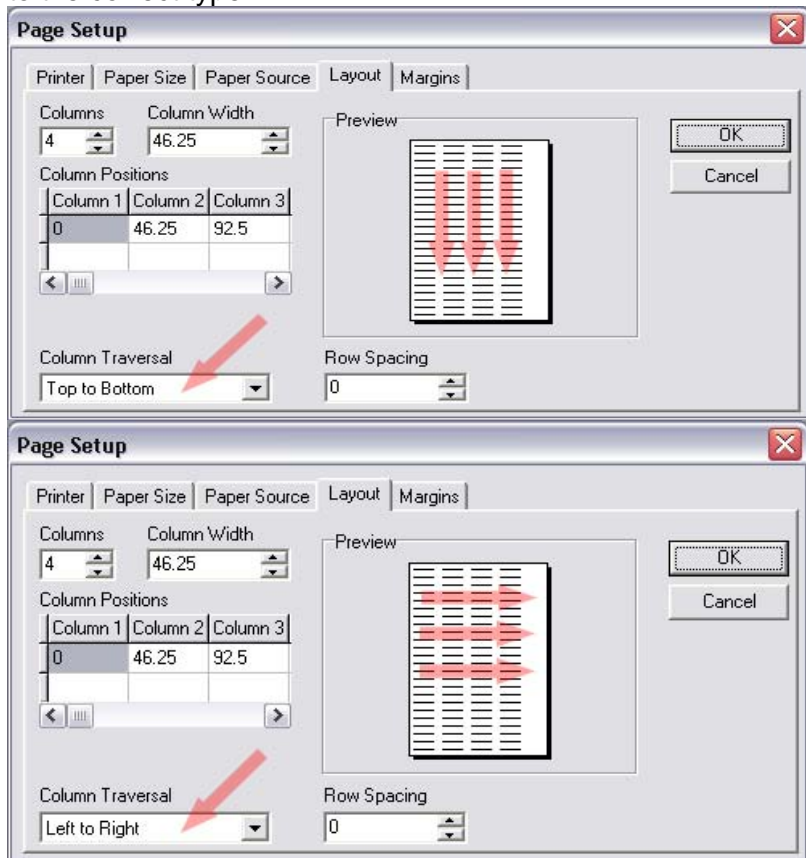
Now in the Layout Editor, select the SubReport tab:



And select the Page Setup... option (Ctrl-P)



Now move to the Layout Tab and make sure that the Column Traversal option is set to the correct type:



Save the changes to your forms and the columns will now print in the correct order.