

H601w – The Container programme:

This program work together with HYPET's loading calculator H600w.

One push at an icon and ALL containers go directly into the loading calculator.

– 1 or 1000 or more containers.

Then check the stability and the strength.

The program have build in routines to check max-borders for strength(T/M).

VERY EASY!

EASY TO USE:

1. Send the “next harbour” an e-mail including all containers ready to unload there.

2. Tell them to include all containers to load when you arrive in attached word document(RTF-file) and send e-mail back to ship.

3. Import this list with all containers to load and use the mouse to drag containers from this list and drop them into legal position on the screen picture.

THAT IS ALL!

SIMPLE?

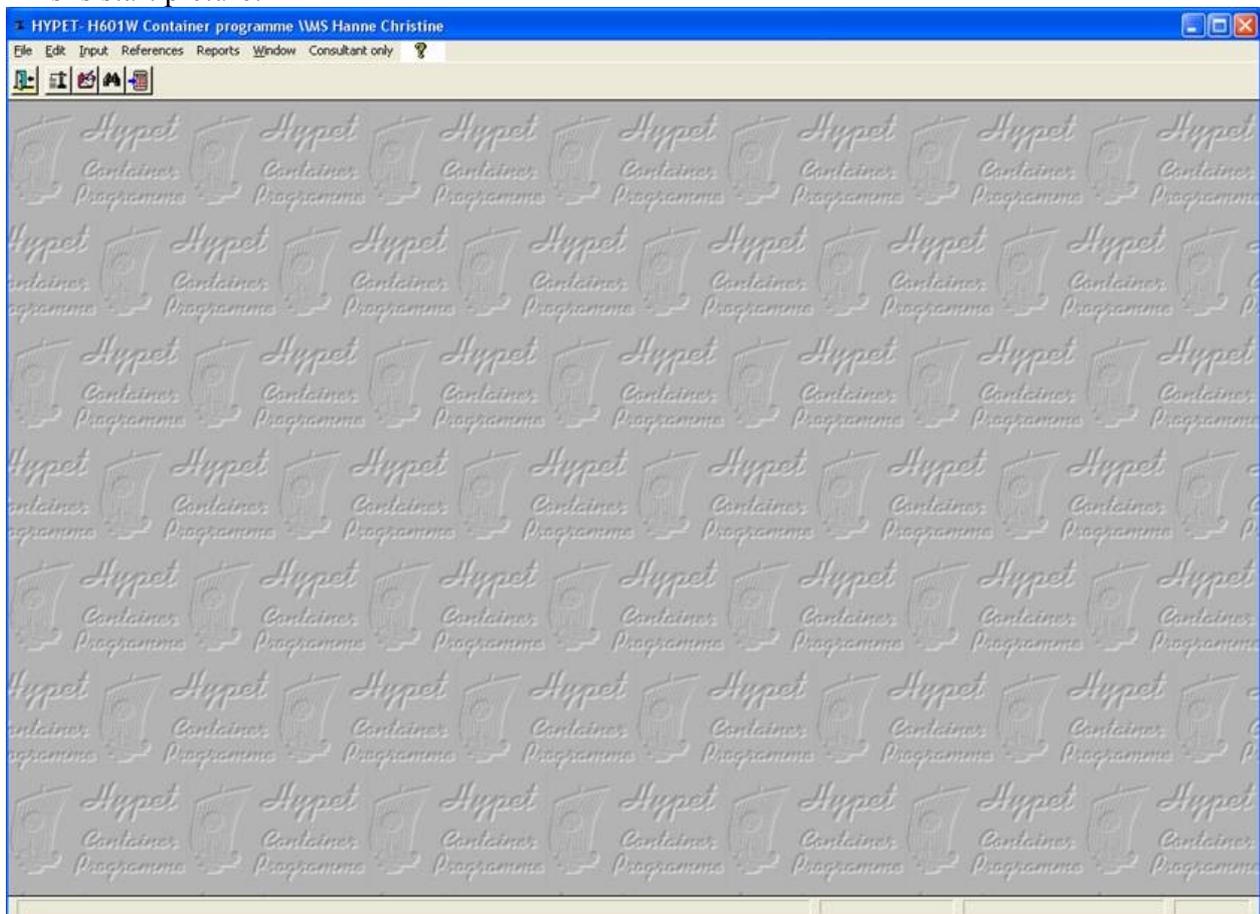
You can use FILTER for Departure, Arrival, Cont.Type, Letter Code, No. Code, Danger Code and for Special Mark.

Using this filters and any combinations of these variables will be very helpful for you.

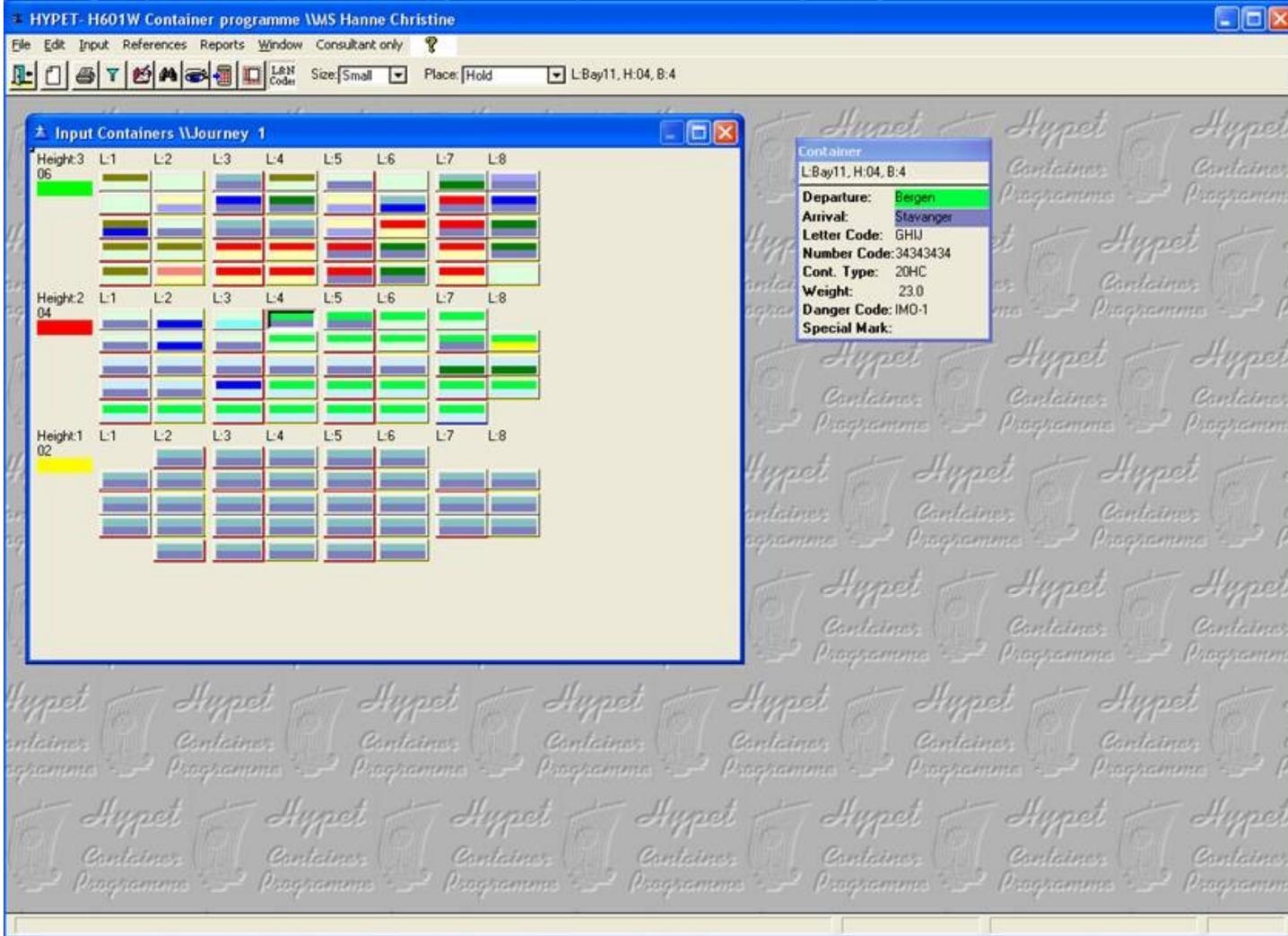
Some Screen shot from HYPET's Container program H601w:

Here I only show you some screen shots.....

This is start picture:



Pressing “input” icon (no 2 from left) you se this picture for selected journey:



Here you can se each layer of containers.

You can input new containers directly, pointing to an empty place and give input data.

Here you see the input-picture for one single container:



The image shows a Windows-style dialog box titled "Container". It contains several input fields:

- Departure: Berger
- Arrival: Hamburg BUK
- Letter Code: IVLU
- No Code: FGFGF
- Cont Type: 2ORF
- Danger Code: (empty)
- Special Mark: E
- Weight: 1.8

At the bottom, there are icons for back, forward, and help, along with "Cancel" and "OK" buttons.

But the best way for input is to import containers from the input-list.
Then you can drag from the list and drop the container at wanted position.

The input-list you find at right in picture below

The screenshot shows the HYPET software interface. On the left, there is a 'Input Containers \Journey 1' window displaying a grid of containers arranged in three heights (06, 04, 02) and eight lanes (L:1 to L:8). Each cell in the grid contains a colored rectangle representing a container. On the right, there is a 'SHIP:MS Hanne Christine Containers to load' window showing a list of 54 containers. Below the list is a 'Container' form with fields for Departure, Arrival, Letter Code, Number Code, Cont. Type, Weight, Danger Code, and Special Mark.

Departure	Arrival	Letter	No	Type	Weight(T)	Danger	Spec.Mark	Insert
Bergen	Drammen	TCLU	2222222	20AL	1.900	IMO-1	E	Insert
Mongstad	Flora	APLU	34343434	20RF	6.100	IMO-1	E	Change
Bergen	Flora	IVLU	FGFGF	20RF	2.000	IMO-1	No	Delete
Hamburg BUK	Hamburg BUK	HLCU	FGFGF	20HC	20.000		E	Delete all
Haugesund	Hamburg BUK	CYLU	34343434	20RF	1.800		E	
Haugesund	Hamburg BUK	IVLU	GFDG	20ST	2.000		E	
Haugesund	Hamburg BUK	IVLU	GFDG	20ST	2.000		E	
Hamburg BUK	Hamburg BUK	HLCU	FGFGF	40FR	1.800		E	
Hamburg BUK	Hamburg TCT	MLCU	RTR	20RF	25.000		E	
Mongstad	Hamburg TCT	GHIJ	34343434	20RF	6.100			
Flora	Hamburg TCT	CRLU	66666666	20RF	30.000			
Mongstad	Hamburg TCT	GHIJ	34343434	20RF	6.100			
Flora	Hamburg TCT	CRLU	66666666	20RF	30.000			
Mongstad	Hamburg TCT	GHIJ	34343434	20RF	6.100			
Mongstad	Hamburg TCT	GHIJ	34343434	20RF	6.100			
Hamburg BUK	Stavanger	GHIJ	34343434	20RF	1.800			
Flora	Stavanger	GHIJ	34343434	20RF	6.100			
Hamburg BUK	Stavanger	GHIJ	34343434	20RF	6.100			
Bergen	Stavanger	GHIJ	34343434	20RF	2.000			
Mongstad	Stavanger	APLU	34343434	20RF	6.100			
Mongstad	Stavanger	GHIJ	34343434	20RF	1.800			
Mongstad	Stavanger	GHIJ	34343434	20RF	5.000			
Mongstad	Stavanger	GHIJ	34343434	20RF	6.100			
Mongstad	Stavanger	GHIJ	34343434	20RF	6.100			
Mongstad	Stavanger	GHIJ	34343434	20RF	20.000		E	Import
Mongstad	Stavanger	GHIJ	34343434	20RF	6.100			
Flora	Stavanger	APLU	34343434	20RF	12.000		E	
Mongstad	Stavanger	APLU	34343434	20RF	1.800			
Bergen	Stavanger	GHIJ	34343434	20RF	23.000			

This input-list can be sent you from the harbour. They have filled out a WORD-document you could have sent them earlier.

You put one COLOUR for Departure and another COLOUR for Arrival. Then it is easy to see containers for same harbour.

FILTERS:

You can use filter for your containers and then you can easy get all containers which are included in the filter

For example, if we want to see all containers going to Stavanger(Arrival=Stavanger)

The picture above will looks like this:

The screenshot displays the HYPET-MS Hanne Christine WMS interface. On the left, the 'Input Containers \Journey 1' window shows a grid of container loading plans for three heights: Height:3 (06), Height:2 (04), and Height:1 (02). Each height has columns for lanes L1 through L8. On the right, the 'SHIP:MS Hanne Christine Containers to load' window shows a filtered list of 29 containers. The filter is set to '/ARR.=Stavanger'. A detailed view of a selected container is shown in the bottom left:

Container
L: B-09/08, H:02, B-0
Departure: Mongstad
Arrival: Stavanger
Letter Code: GHIJ
Number Code: 34343434
Cont. Type: 20RF
Weight: 6.1
Danger Code:
Special Mark:

Departure	Arrival	Letter	No	Type	Weight(T)	Danger	Spec.Mark
Fløre	Stavanger	GHIJ	34343434	20RF	2,000		E
Stavanger	Stavanger	GHIJ	34343434	20RF	2,000		
Fløre	Stavanger	GHIJ	34343434	20RF	12,000		E
Mongstad	Stavanger	GHIJ	34343434	20RF	2,000		
Mongstad	Stavanger	GHIJ	34343434	20RF	5,000		
Mongstad	Stavanger	APLU	34343434	20RF	1,800		
Hamburg BUK	Stavanger	GHIJ	34343434	20RF	1,800		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Fløre	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	1,800		
Mongstad	Stavanger	GHIJ	34343434	20RF	20,000		E
Bergen	Stavanger	GHIJ	34343434	20RF	23,000		
Bergen	Stavanger	GHIJ	34343434	20RF	40,000		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Stavanger	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	1,800		
Mongstad	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	1,800		
Hamburg BUK	Stavanger	GHIJ	34343434	20RF	6,100		
Mongstad	Stavanger	GHIJ	34343434	20RF	5,000		
Mongstad	Stavanger	GHIJ	34343434	20RF	33,000		
Bergen	Stavanger	GHIJ	34343434	20RF	10,000		
Mongstad	Stavanger	GHIJ	34343434	40HCRF	10,000		
Mongstad	Stavanger	GHIJ	34343434	40PL	8,000		

If you unload all containers in Stavanger then at the end, delete all containers and start loading from Stavanger.

STRENGTH/ STABILITY:

While loading you can check for strength and stability. Then you need to press the “Calculator” icon’s to send all data to the loading calculator H600w. First you will see these 2 picture telling about strength calculation and about wind area when you se the ship from side. From the list you can select what load area you want to see like hold1, hold2, deck1, deck2 and so on. Following picture show data for hold.

The screenshot displays the HYPET-H601W Container programme interface, which is used for strength and stability calculations. It features several windows and data tables.

Input Containers \Journey 1

This window shows a grid of containers for three different heights: Height:3 06, Height:2 04, and Height:1 02. Each height is divided into eight lanes (L:1 to L:8). The containers are represented by colored rectangles, indicating their placement and orientation.

Export to LoadigCalculator \Journey 1

This window displays a graph of Force (T/M) versus Length from AP (M). The graph shows a series of peaks and valleys, representing the distribution of force along the ship's length. The Y-axis ranges from 0 to 80 T/M, and the X-axis ranges from 0 to 80 M. A vertical line labeled 'ICG' is positioned at approximately 40 M.

Length from AP (M)	Force (T/M)	Weight (T)	LCG (M)	VCG (M)	TCG (M)
12.50	18.60	24.20	147.60	15.55	13.59
19.20	25.30	58.45	356.55	22.25	3.53
25.40	33.40	33.61	33.65	23.55	4.25
25.40	31.40	55.84	335.07	28.40	4.33
31.40	31.50	22.23	2.22	31.45	4.45
32.20	38.30	72.30	441.00	35.25	5.33
38.30	38.40	34.52	3.45	38.35	3.79
38.40	44.40	70.21	421.28	41.40	5.01
44.40	36.40	36.40	36.40	44.40	0.40
Total records:	14	Total:	3080.30	43.24	4.83

Export to LoadigCalculator \Journey 1

This window shows a graph of Wind Area versus Length from AP (M). The graph displays a red line representing the wind area profile, with a peak around 36 M. The Y-axis ranges from 0 to 25, and the X-axis ranges from -18 to 90 M. A vertical line labeled 'VCF' is positioned at approximately 36 M.

Place	Area (M2)	Use	LCF (M)	VCF (M)
Hold	387.35	No	44.83	5.37
Deck	440.07	Yes	40.37	13.52
Total:	440.07		40.37	13.52

Container

L:Bay07, H:04, B:0

Departure: Flore

Arrival: Stavanger

Letter Code: GHUJ

Number Code: 34343434

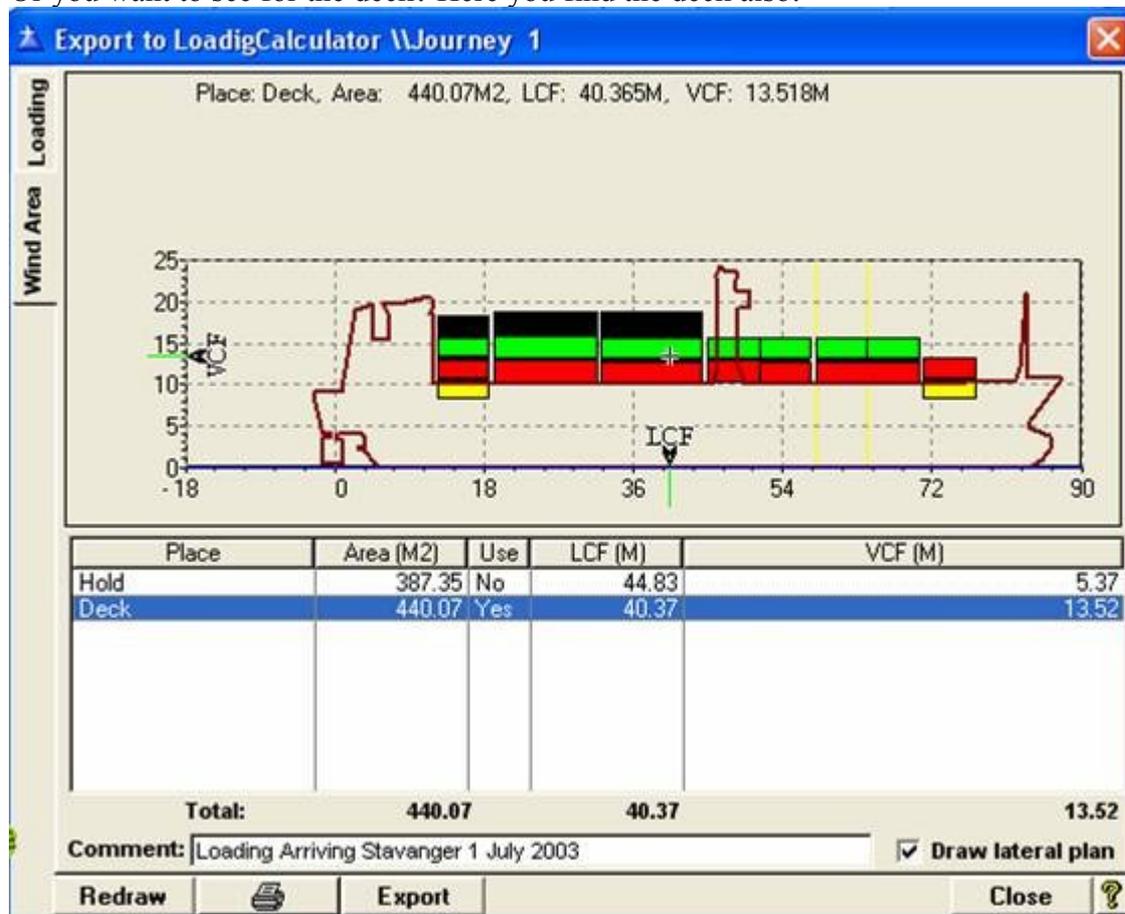
Cont. Type: 20RF

Weight: 12.0

Danger Code:

Special Mark:

Or you want to see for the deck? Here you find the deck also:



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