

# DAMEN

## Stan Pontoon B36

Main dimensions:

Length o.a.	121.92 m
Breath mld.	36.58 m
Depth mld.	8.00 m
Draft summer	6.80 m

The Class notation shall be: **⊗** 100 AT, Pontoon, IWS

Uniform load on cargo dek 25t/m<sup>2</sup>

[illegible]

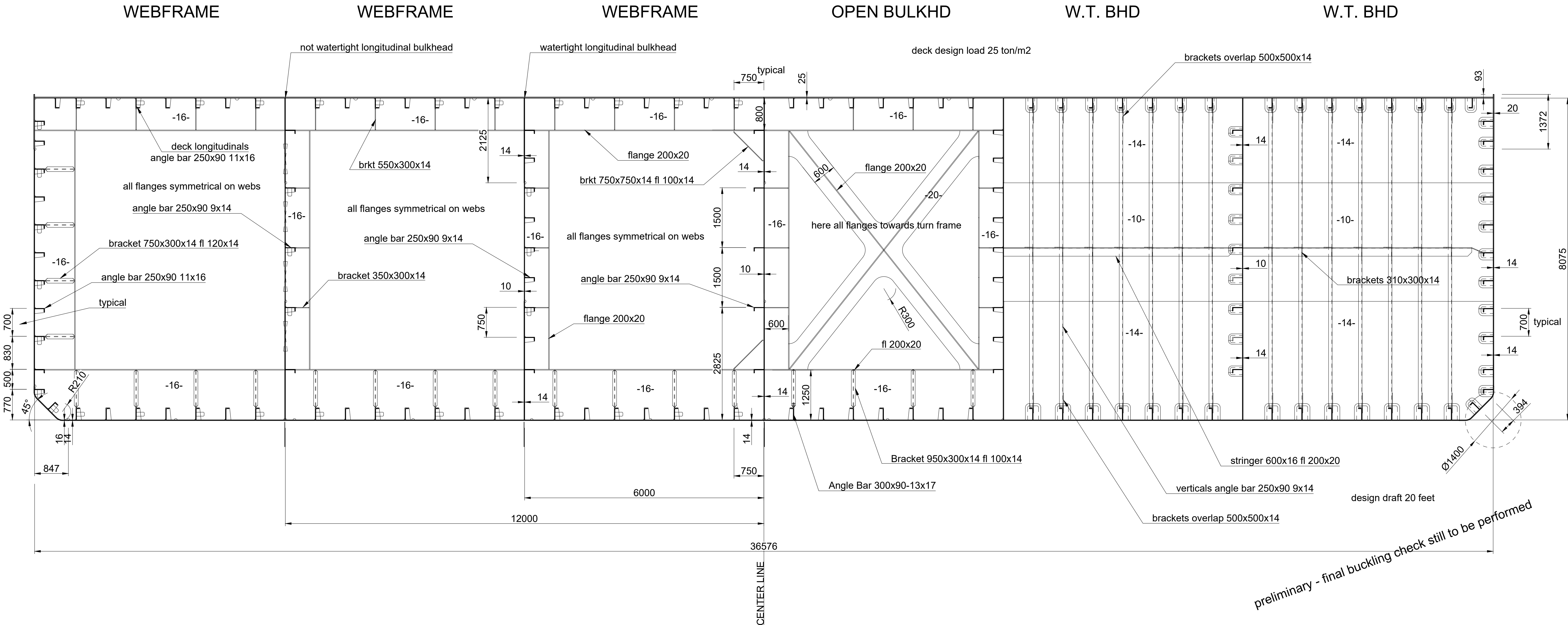
SPo 122x36.5x8 meters- 400x120x26.5 feet  
Principal dimensions;  
length 400 feet  
breadth moulded 120 feet  
depth 26.5 feet

5 internal longitudinal bulkheads  
Designed acc ABS Building and classing barges 2023

MAIN FRAME PRINCIPLE - ALL VARIATIONS OF FRAMES DRAWN

Mass total by preliminary calculation 3835 ton  
Principle thicknesses and profiles as used on this drawing  
See GA for principal layout, location of bulkheads

preliminary - final buckling check still to be performed





PRINCIPLES;

- materials grade A or equivalent or better
- welding acc ABS P3 Ch2 Sect 12 building and classing steel barges 2023
- all plates pre primed
- all plates and parts traceable, cert. 3.2
- all plates out of 12x3 mtr - cut clean to 11975mm x 2975mm
- after welding, sweep and apply local coating
- after final assembly, apply coating acc. Damen std. protocol

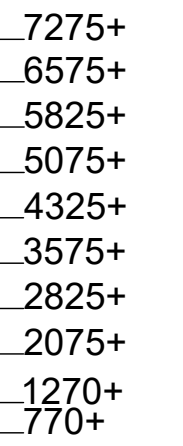
PRINCIPLES;

- thickness plating outside direction
- secondary framing inside direction
- turn frame at fr 80 +250mm
- 10 sections 11975mm long
- penetrations acc. Damen std.
- structural welds intermittent fillet
- watertight welds full pen - continuous
- longitudinal framing 750mm
- web framing long. 3750mm

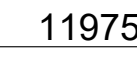
Rev	Date	Drawn	Checked	Revision text	
Projection 					
Format	A1			DAMEN SHIPYARDS GORINCHEM	
Scale	1:50	Industrieterrein Avelingen West 20 4202 MS Gorinchem		P.O. Box 1 4200 AA Gorinchem	phone +31 (0) 183 63 99 11 fax +31 (0) 183 63 21 89
Units	mm			The Netherlands	info@damen.com www.damen.com
MAIN FRAME CONSTRUCTION					
Doc class		Drawn		BS	Derived from
Project No. 278724		Function 110		Sequence	
Yard No.		Section/Compartment		Document number	
HB		COPYRIGHT DAMEN SHIPYARDS GROUP		278724	
				Date	20230523
				Sheet	1
				Revision	0



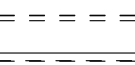
FOR DIMENSIONS SEE MAIN FRAME DRAWING



NORMAL LONGITUDINAL SECTION - BRACKETS SHOWN EVERY 2nd FRAME



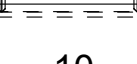
LONGITUDINAL BULKHEAD 14/10mm + AB250x90-9x14



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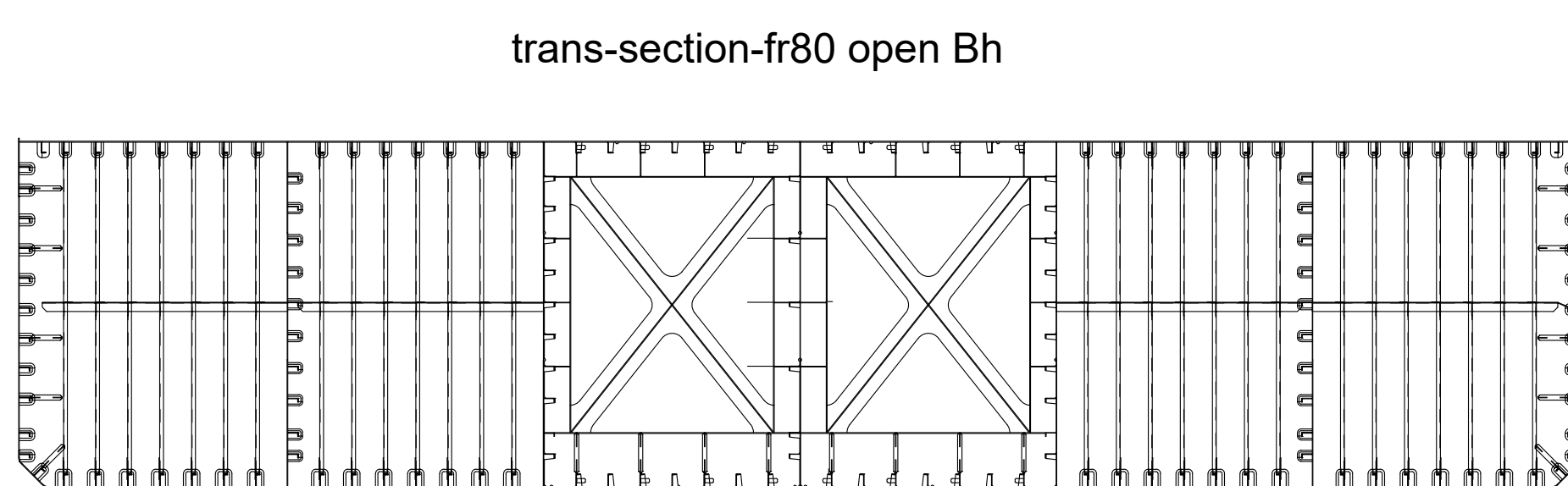
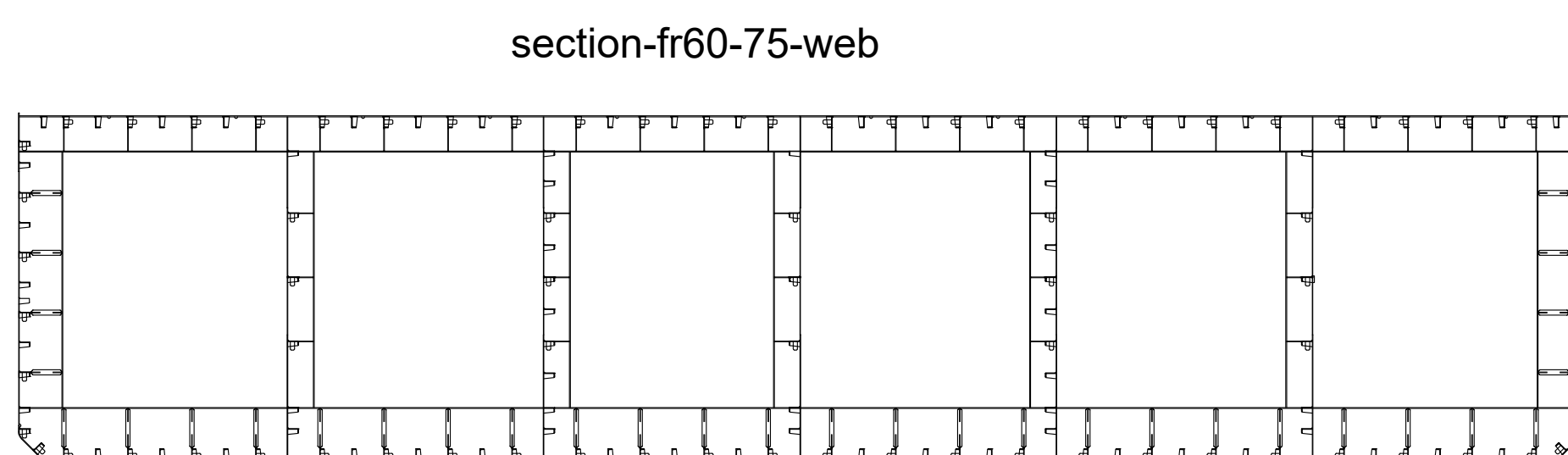
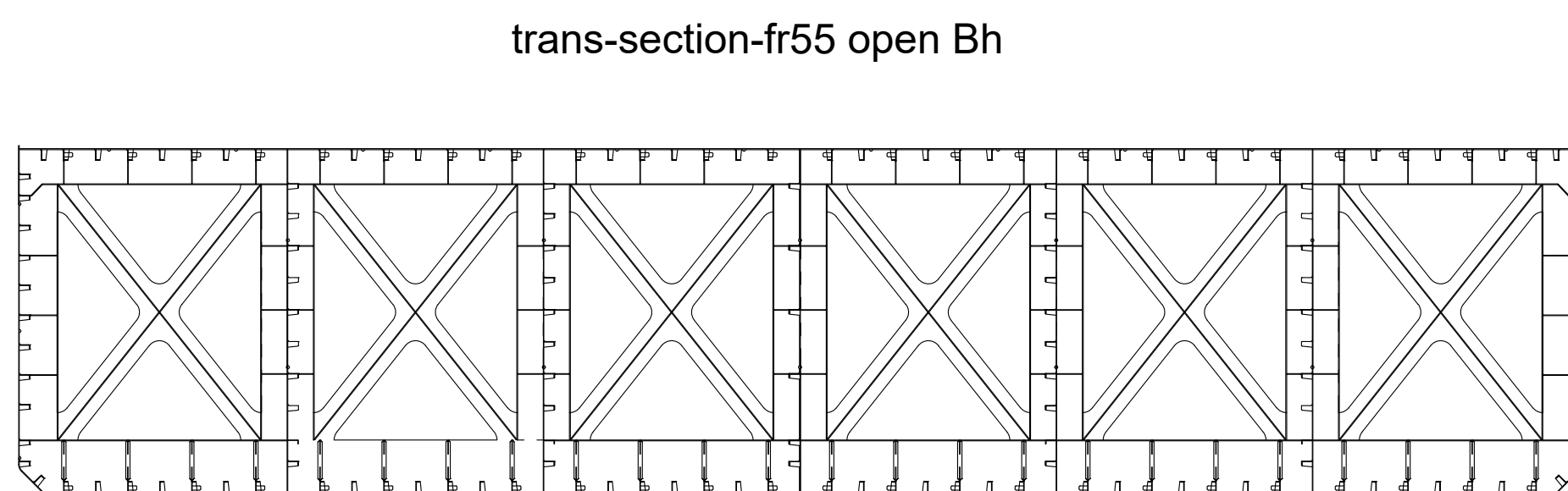
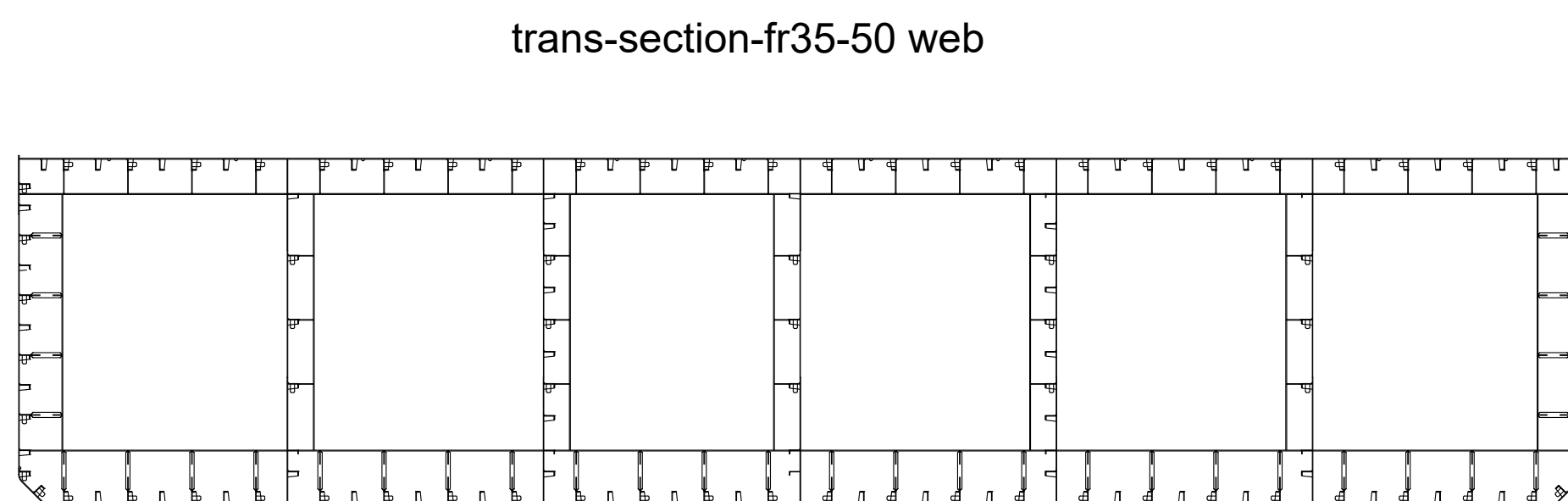
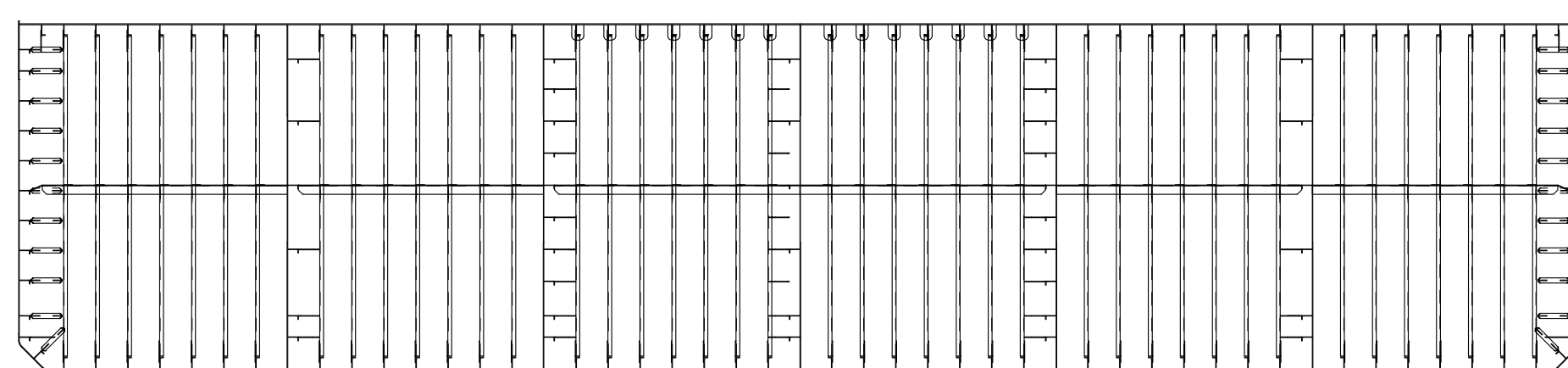
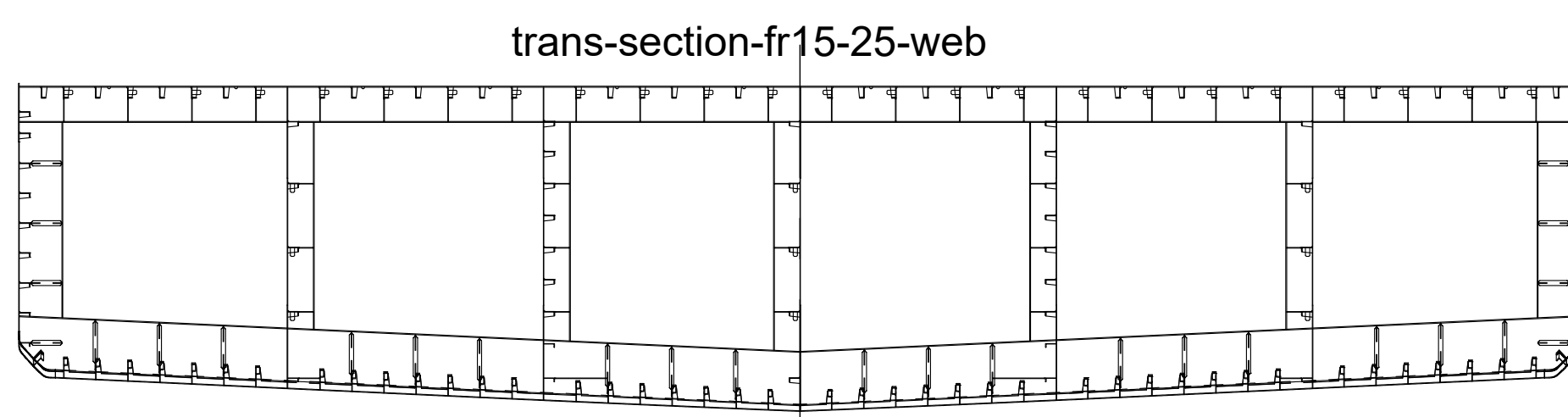
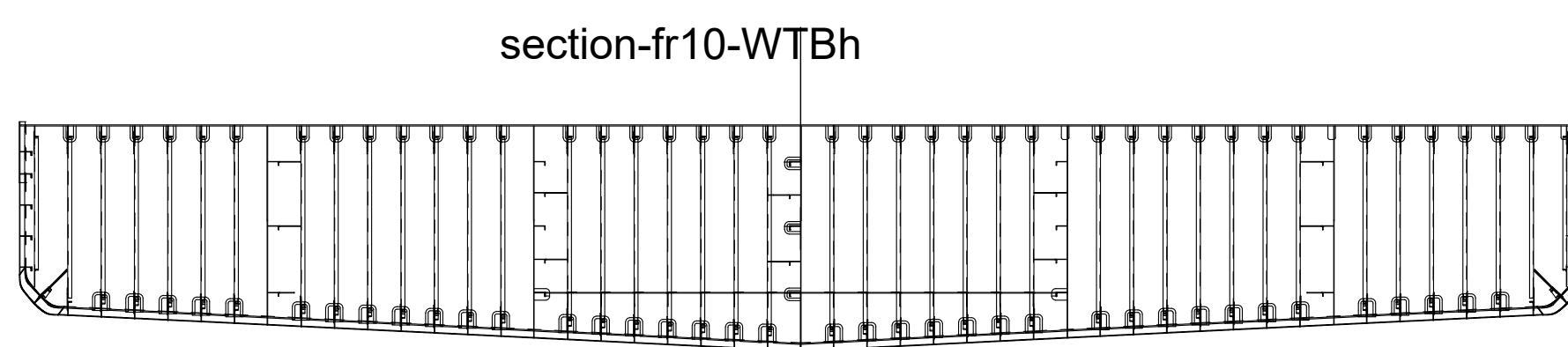
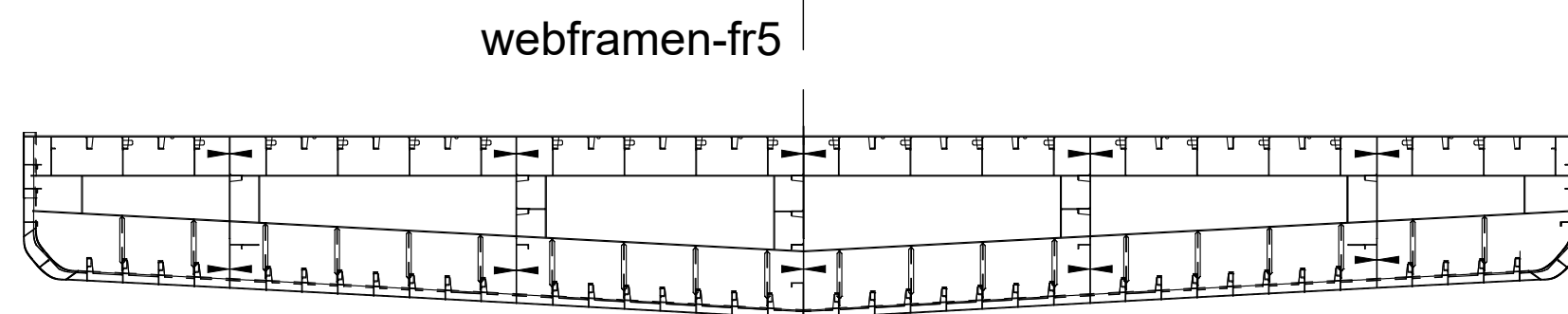
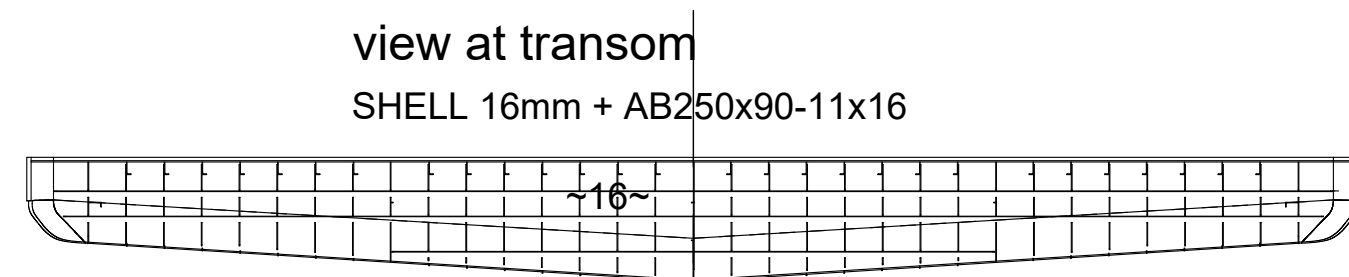
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278724-01 MAIN FRAME  
278724-02 LONGITUDINAL SECTIONS  
278724-03 TRANSVERSE SECTIONS  
278724-04 BOTTOM SHELL  
278724-05 SIDE SHELL  
278724-06 DECK STRUCTURE  
278724-07 SKEG STRUCTURE  
278724-08 WELDING PLAN

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**PRINCIPLES**

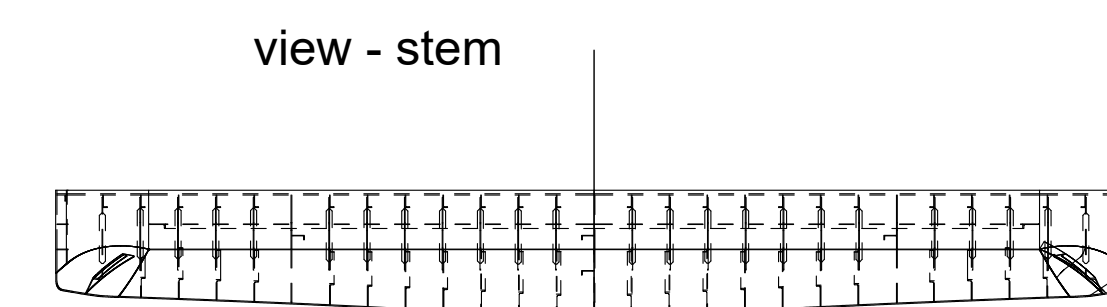
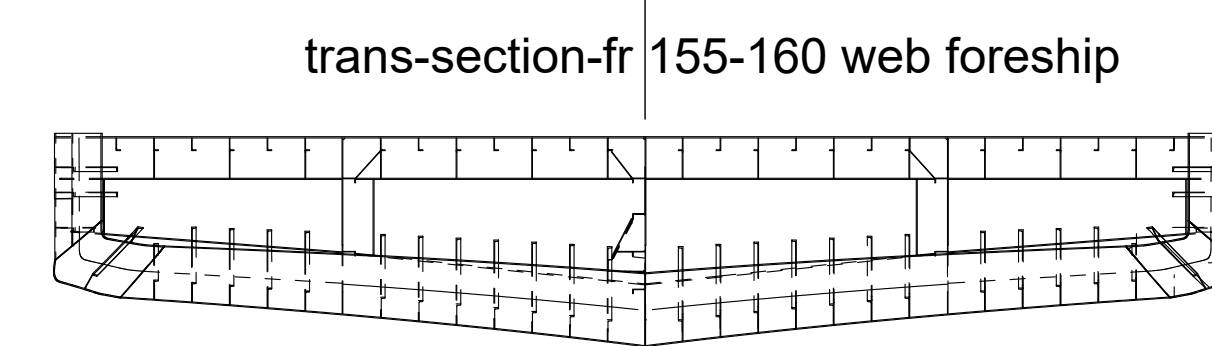
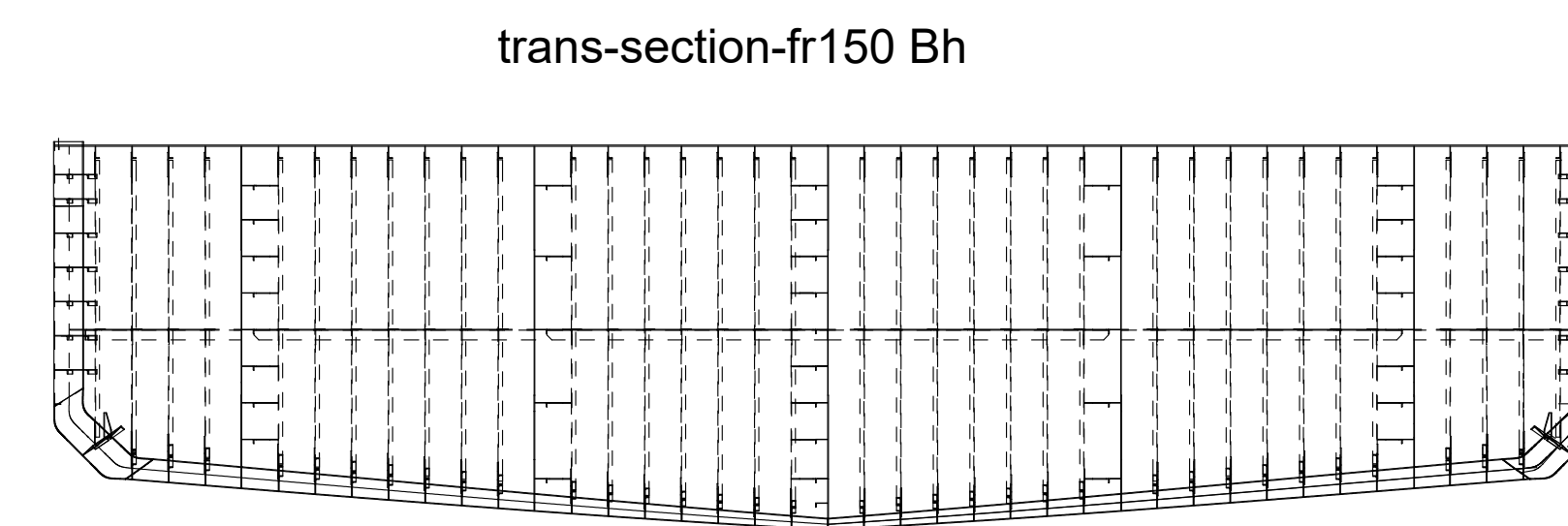
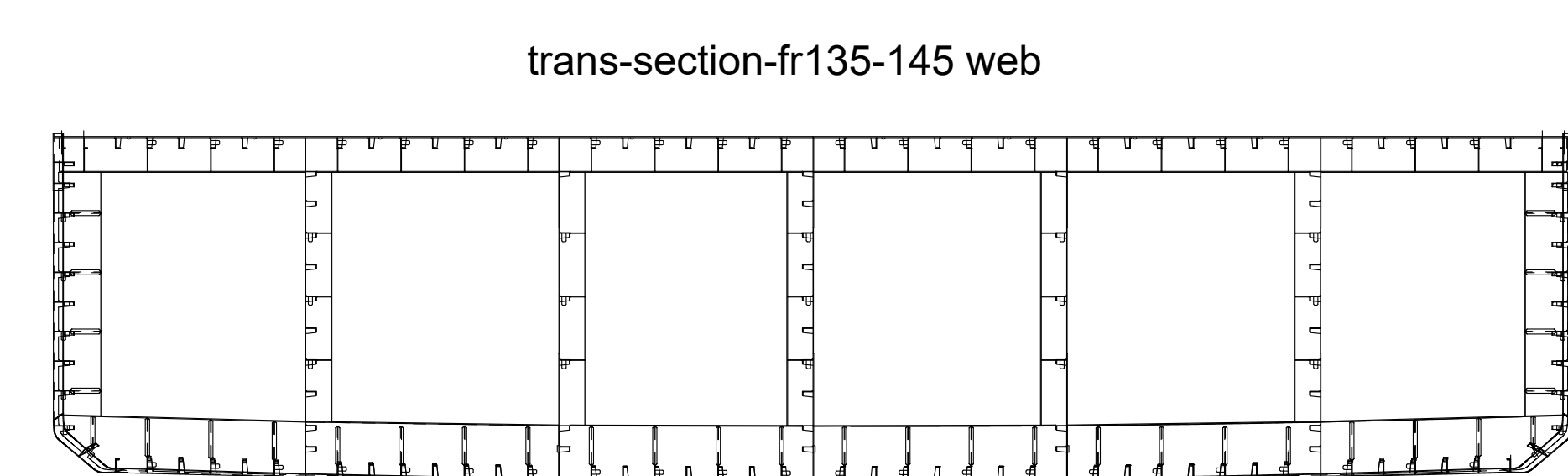
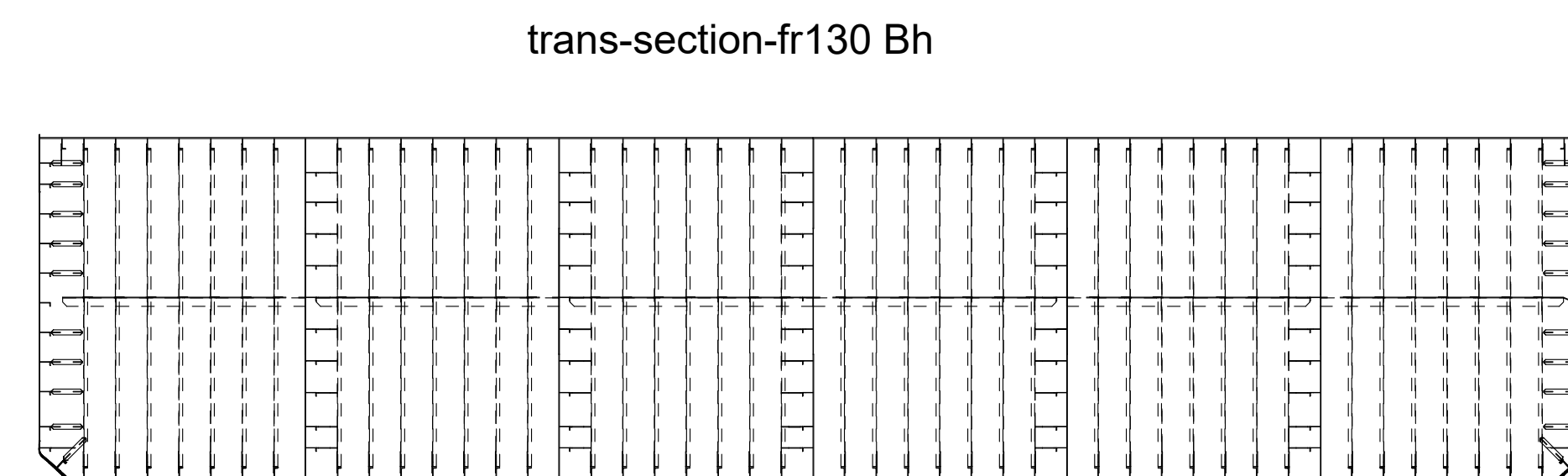
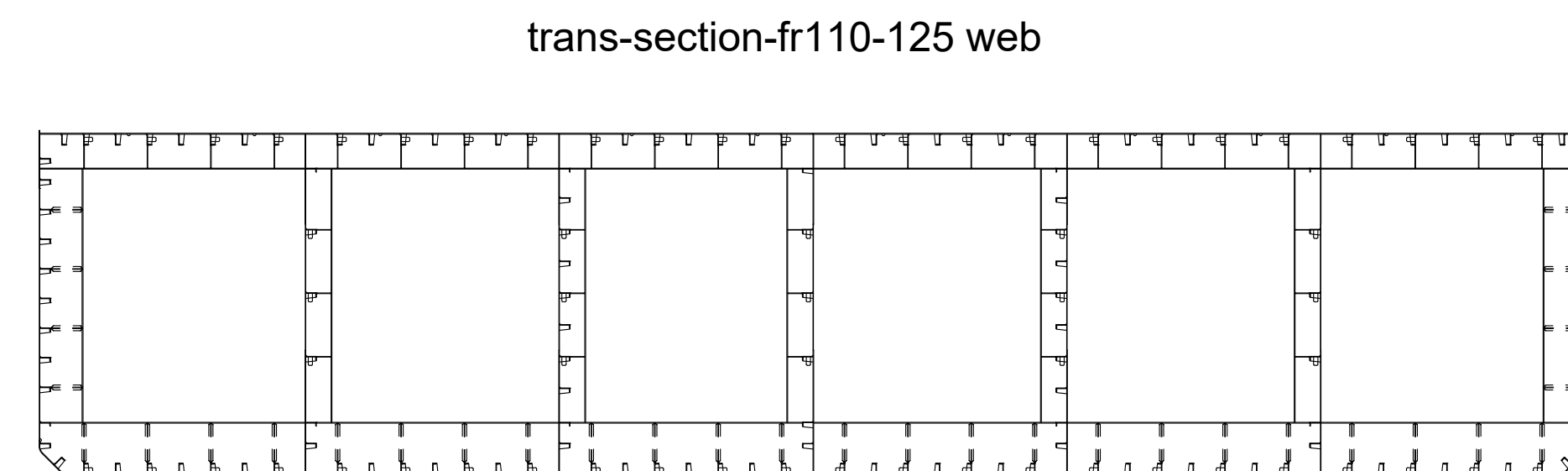
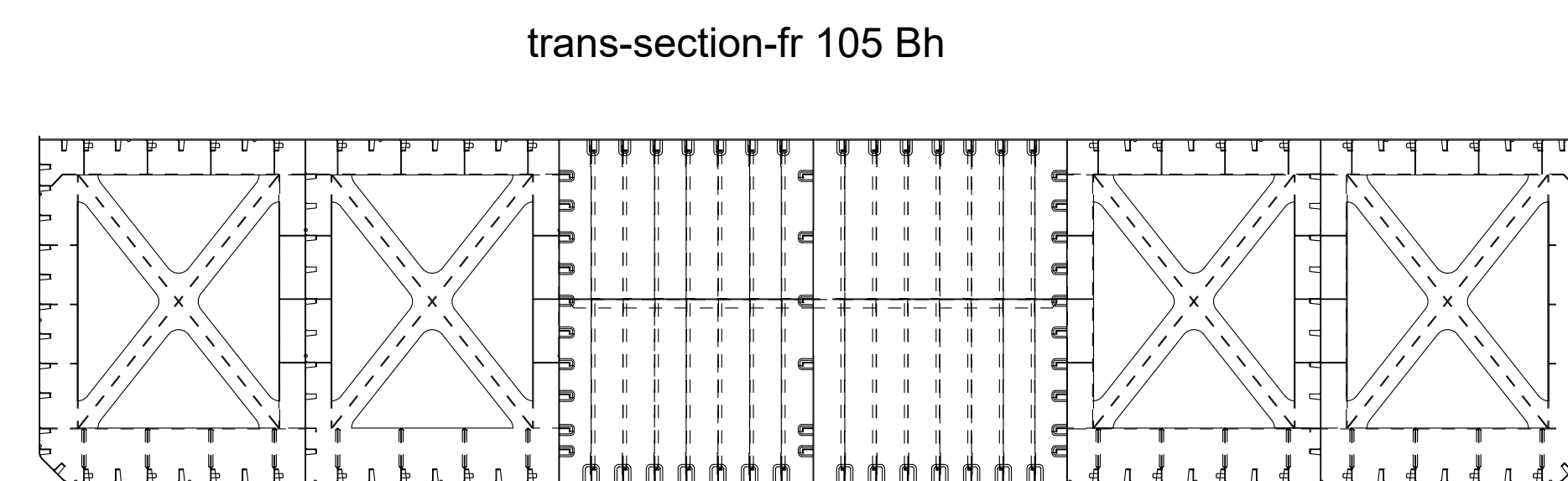
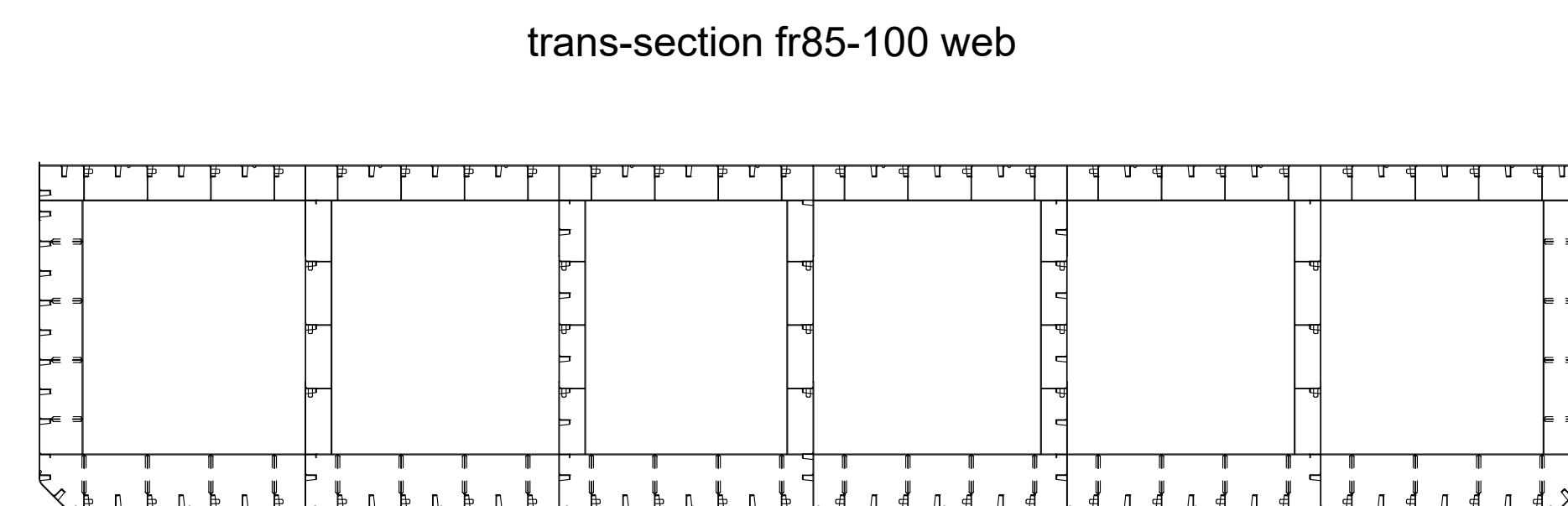
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