

— DETAIL GUSSETPLATE. —

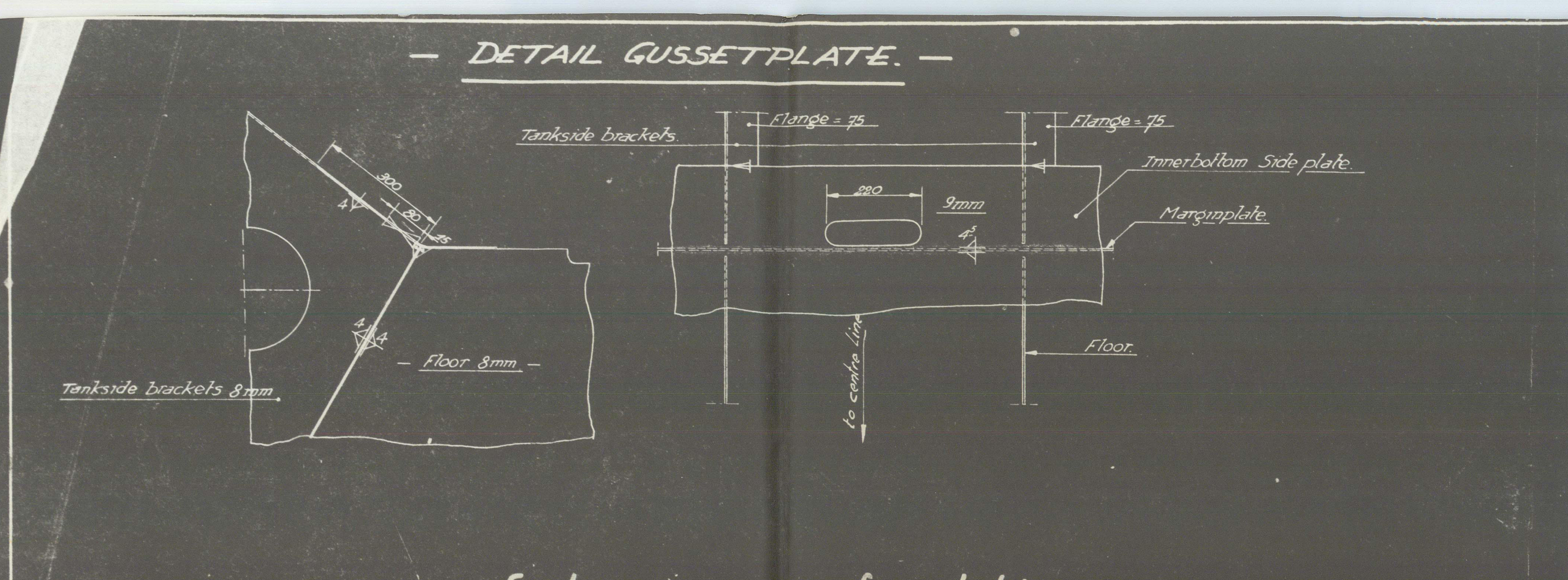
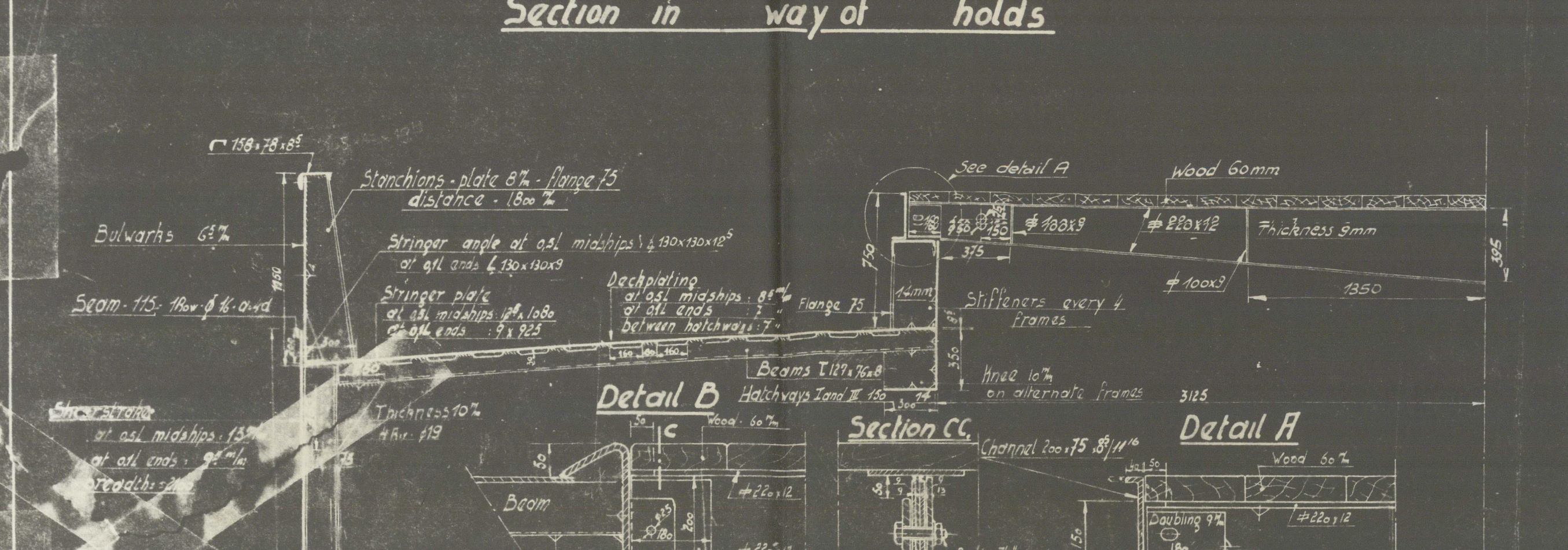
Technical drawing of a detail gusset plate for a ship's hull. The drawing includes a plan view on the left and a side elevation view on the right.

Plan View (Left):

- Dimensions: 800 (length), 400 (width), 45° (angle).
- Labels: *Tankside brackets 8mm*, *Floor 8mm*.

Side Elevation View (Right):

- Dimensions: 200 (length), 8mm (thickness), 45° (angle).
- Labels: *Tankside brackets*, *Flange - 75*, *Inner bottom Sole plate*, *Margin plate*, *Floor*.
- Vertical line: *to ceiling line*.

[illegible]


Riveting	$\frac{1}{4}$	Rows	Spacing in d	Breeds
Seams shiplating side plating	19	2	4	115
Seams shiplating $\frac{1}{2}$ to 3 mm. and more	22	2	4	130
Side frames to shell	19	1	7	
" " " in way of peaks	19	1	55	
to floors	19	1	55	65
Intermediate frames	19	1	55	
Angles connecting web frames to shell	19	1	55	
Stringer angle to Sh deck	19	1	45	
Bulkheads to * under the deck	16	1	5	
Bulkheads to * under Sh deck	16	1	50	
Bulkheads to sheerstrake	16	1	7	55
Stringer angle to forecaste	16	1	45	
Wash plate to *	16	1	7	55
Bulkheads to reeling sections	19	1	7	
Bulge keel to * on shell	19	1	7	

Anchors and chains	
3 Bower anchors	weight 1920 lbs collective weight 5760 lbs
1 Stream anchor	weight 700 lbs
1 Heave anchor with stock	weight 350 lbs
2 Chains for bower anchors	46' length 240
1 Cable for stream anchor	212' length 150
1 Towline steel wire	circumference 10" length 240
2 Hawseers	07' 2" x 150
2 Warps	57' 2" x 150

Welding	Thickness	Contraction	Span	Stanchions
Centre girder to heel and inner bottom ast. washpits	4 1/2	↑	C	L
oil ends	4	↑		
Side girder to shell and inner bottom	5	↑	80	160
under engine to shell and inner bottom	6 1/2	↑		
Continuous side girder in engine spacing	4 1/2	↑		
Margin plate to shell and inner bottom	4	↑		
Floors to shell and inner bottom in ballast tanks	5 1/2	↑	80	160
Waterlight and all light floors	5 1/2	↑		
Floors to margin plate and centre girder	4	↑		
Tank side brackets to margin plate	4	↑		
and floors to margin plate outside stem	5	↑		
Beams to decks	4 20x8x8 - 1 1/2x10x8 - 1 1/2x8x8	5	80	160
1 1/2x8x8	5			
1 1/2x8x8 in deep and oil fuel tank	5	80	160	
1 1/2x5x6	4	Sloped	80	160
Beam knees thickness	8% - 9 1/2%	4		
10 1/2%	4 1/2	↑		
13%	5	↑		
Lower-Port and Shell deck	1/2 25x12 to shell	5		
in fore-castle to shell	stringer plate to 1/2 1/2 1/2	5 1/2		
Coolings to lower deck	hatchways III and II	6		
	hatchway I	5		
Coolings to Shell deck		5		
three on deckwater	4 1/2			
Hatchway beams	4	↑		
Web frames and web beams to face	4	↑		
Stiffeners	on tunnel 4 1/2x15x7	4		
on engine casing 1 1/2x5x6	3 1/2		80	160
on superstructures 8x8	4	Sloped	80	160
Stanchions to bulwarks	4	↑		
Tunnel to inner bottom	4	↑		
Superstructure to deck	4	↑		
Side stringer to shell	4	↑		
Engine casing to decks	4	↑		
Floors to deck in forepeak	4	↑		
Floors to shell and inner bottom	5	Sloped	80	160
Floors to shell and inner bottom	5	↑	80	160
# Bilge keel to shell	5	↑		
Change to compound	5	↑		

Principal dimensions

Length overall	92.05 m
Length from fore side of stem to rudder post on summer load water-line	85.16 m
Breadth moulded	13.30 m
Depth to Shelltop deck	8.20 m
Depth to Lower deck	5.10 m
Draught	± 5.6 m
Speed	± 24 kn

	Scheepvaartbouw		105 BOEL en ZONEN n.v.		Tentsehe Belgie		Handen die op water lopen Kruisen de zee	
	Tentsehe		Belgie		105 BOEL en ZONEN n.v. Tentsehe Belgie		105 BOEL en ZONEN n.v. Tentsehe Belgie	
TANDJONG TORANITAN								
Cross sections								
1/25 - 1/10 Scale Type XIV Trailing About 1' - 1' 10" 1226-30 - 497 REMARKING 1'								
Approved	Scale	Vec	Norm	Blk	6	6903A		

'TANDJUNG TORAWITAN'

ex "IVAN GONTCHAROV"



EX RUSSIAN TANDJUNG VESSELS

FOR INDONESIA

By Jos. BOEL 1229.

MIDSHIP SECTION

Tandjung - Data X

013008-013017-0021

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