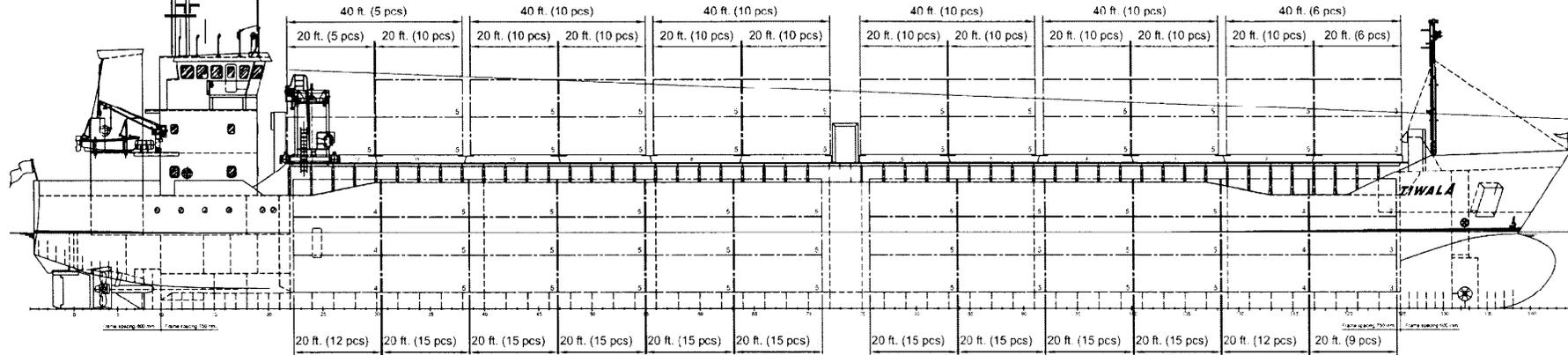
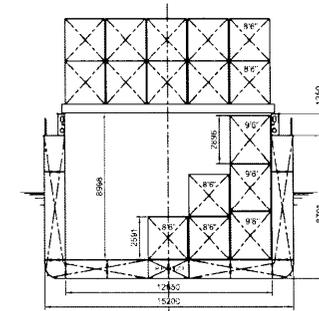


**MULTI PURPOSE CARGO SHIP**  
EQUIPED FOR CARRIAGE OFF CONTAINERS  
STRENGTHENED FOR HEAVY CARGOES



<b>NAME: TIWALA // Flag: Antigua // IMO No: 9376775 // GL Reg No: 94204 //</b>				
<b>CLASS: Germanischer Lloyd // +100 A5, E2, SOLAS II-2 Reg.19 // +MC E2 AUT</b>				
LOA	106.86 m			
LBP	100.62 m	HOLD CAPACITY :	8197 /// 286991.3 m3/cbft	
BREADTH mld.	15.20 m	Hold 1: LxBxH 37.5mx12.65mx8.985m	4014.7///141721.7 m3/cbft	
DEPTH to main deck	8.70 m	Hold 2: LxBxH 37.5mx12.65mx8.985m	4182.6///145269.6 m3/cbft	
FREEBOARD from deck line	1.358 m			
DRAFT (summer load)	abt 5.25 m	TANKTOP LOAD	15 tons/m2	
AIRDRAFT in ballast-with antenna/w.out antenna	25.2 / 20.9 m	Tanktop Load TEU (pointload)	72 tons	
Dist.Keel - Highest point of antenna AFT/FORE	28.8 / 19.7 m	Tanktop Load FEU (pointload)	80 tons	
DWT ( summerdraft)	abt 5440 t	HATCHCOVER LOADS	1.75 tons	
LIGHTSHIP	Abt 1694 t	Hatchcover load TEU (lineload)	25 tons	
TANK CAPACITIES	HFO	216 cbm	Hatchcover load FEU (lineload)	48 tons
	GO	70 cbm		
	FW	36 cbm		
	BW	2880 cbm		
TONNAGE (acc. Conv. 1969)	4102 GT 1851 NT	MAIN ENG: MAK 6M 25 ,with 2010 KW at 75 rpm		
		AUX.GEN: 1 SISU Diesel 634 , with 150KW at 1500 rpm		
TRIAL SPEED	12.2 Kts	EMERG.GEN: 1 SISU Diesel 634 ,with 150KW at 1500 rpm		
<b>CONTAINER CAPACITY</b>				
<b>HOLD</b>	<b>DECK</b>	<b>TOTAL</b>	PROPELLER: BERG CPP 760BCP/4 with 2010 KW	
Maximum load			SHAFT GEN: Lerroy Sommer LSA.47.1L10 with 348 KW	
168 TEU	111 TEU	279 TEU	STEERING GEAR: Barke , Type BST 056-45. 400V/50Hz	
60FEU+48TEU	51FEU+04TEU	111FEU+52TEU	BOWTHRUSTER: JASTRAM type BU 50F with 300KW	
According sightline			Daily consumption	
<b>HOLD</b>	<b>DECK</b>	<b>TOTAL</b>	IFO / GO - Sea	
168 TEU	68 TEU	236 TEU	IFO / GO - Port	
60FEU+48TEU	31FEU+02TEU	91FEU+50TEU	8.3 mt / Min. (only for heater)	
			Nil / 0.8 mt	

**CROSS SECTION**



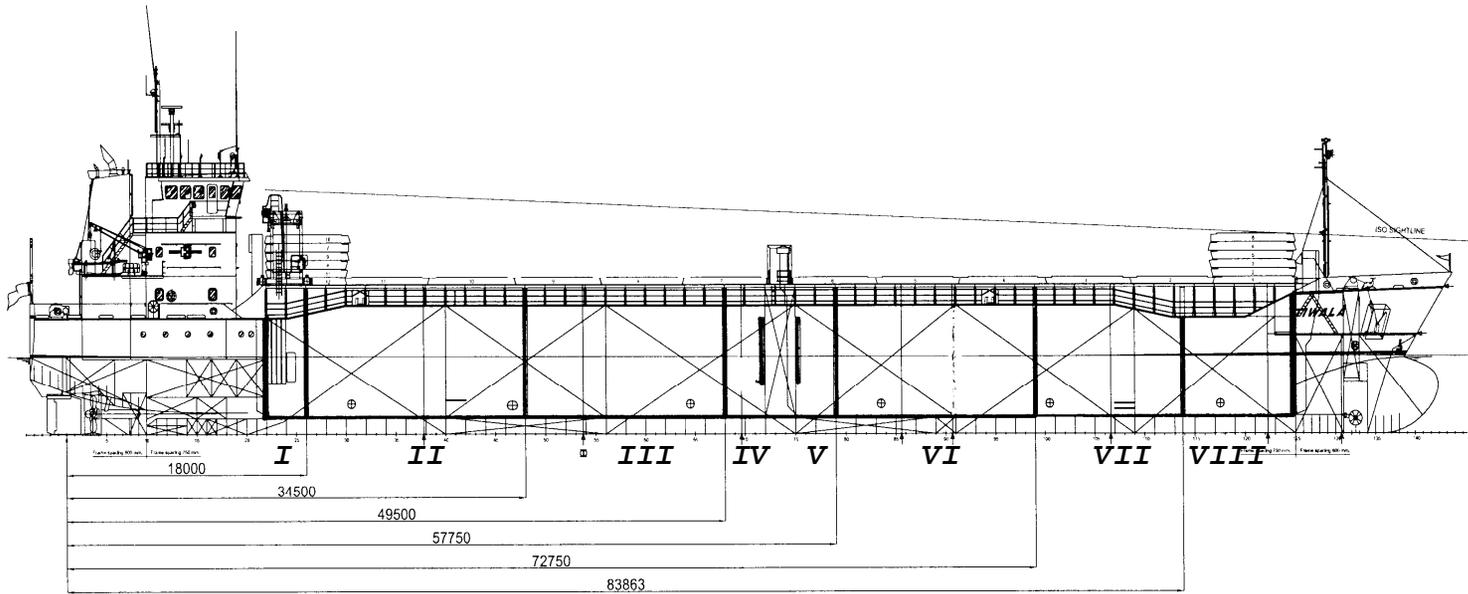
**BODEWES**  
SHIPYARDS

P.O.BOX 32, 9600 AA  
Werkkade 22, 9601 LG  
Hoogezand, Netherlands  
Phone: 31598-393131  
Fax: 31598-399609  
E-mail: info@bodewesshipyards.nl  
Website: http://www.bodewesshipyards.nl

DRAWING DESCRIPTION: 5400 T MULTI PURPOSE DRY CARGO SHIP

DRAWN BY: Marten Hovenga	DRAWING NUMBER: <b>692 - 692 - 692 /</b>	SCALE: 1:300
DATE: 20-03-2007		SIZE: A3
SHEET No	TOTAL SHEETS	
YARD No	SECTION No	DRAWING No
REV. No		

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Volumes of different spaces

VIII	-	751.296 m	IV	-	334.716 m <sup>3</sup>
VII	-	1255.184 m <sup>3</sup>	III	-	1673.580 m <sup>3</sup>
VI	-	1673.580 m <sup>3</sup>	II	-	1840.938 m <sup>3</sup>
V	-	334.716 m <sup>3</sup>	I	-	333.368 m <sup>3</sup>
Hold 1	-	4014.779 m <sup>3</sup>	Hold 2	-	4182.601 m <sup>3</sup>

Grain Bulkheads 4 pcs

Thickness	360 mm
Weight	10.1 t (each)

