



ORDINARY FR. SECTION IN HOLD

MAIN FR. SECTION IN HOLD

LONGITUDINAL

BL.2

BL.5  
BL.9 SIMILAR

BL.13

PRINCIPAL PARTICULARS

LENGTH o.a.	190.00 m
LENGTH pp	182.60 m
BREADTH MOULDED	23.60 m
DEPTH TO MAIN DK	14.60 m
SCANTLING DRAUGHT	10.20 m
FRAME SPACING	800 mm
SERVIS SPEED	14 kn

Uniform load on Ton top – 20 t/m<sup>2</sup>  
STEEL COIL: 15(t)x3 (1500x1200; LXD) 6 damage per coil

NO.4 CARGO HOLD IS DESIGNED FOR DUAL PURPOSES OF  
CARGO HOLD & FULL WATER BALLAST TANK.

CLASSIFICATION LR +100A1,BULK CARRIER, BC-A,CSR,  
Strengthened for heavy cargoes, Three Holds No.2&4&6  
may be empty, Two holds No.1&4 or 2&5 or 3&6  
may be empty, One hold No.2 or 3 or 4 may be empty,  
ESP, LI, ShipRight(CM), IWS, Ice Class 1C, BWMP  
± LMC, UMS, SCM, NAV1

MAX. ALLOWABLE STILL WATER BENDING MOMENT:

LOADING CONDITION	HOGGING(KN-M)	SAGGING(KN-M)
INTACT CONDITION	816500	-785000
FLOODED CONDITION	1000000	-1200000

NOTES:

1. STEEL MATERIAL:  
STEEL MARKED "AH", "DH": GRADE "A", "D" H.I. STEEL  
NO MARKED: GRADE "A" MILD STEEL
2. BOTH SIDES ARE SYMMETRICAL, UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS ARE SHOWN LOOKING PORT SIDE.  
ALL SECTIONS ARE SHOWN LOOKING FORWARD.  
ALL PLAN ARE SHOWN LOOKING DOWN.
4. STIFFENER END CONNECTION:  
"←" OR "S": SNIPPED END.  
"W" OR NO MARKED: WELDED CONNECTION.  
"B": BRACKET CONNECTION.
5. ROLLED SECTIONS DESCRIPTION:  
FB—FLAT BAR  
HP—BULB FLAT
6. ALL SCANTLINGS TO BE SUBJECT TO CALSS APPROVAL.

30,000DWT BULK CARRIER				CONTRACT DESIGN			
MIDSHIP SECTION				SC4447-010-04			
DESIGNED	DATE	SIGN	DATE	COR. LAMBS	WEIGHT	SCALE	
CHECKED	DATE					1:80	
VERIFIED	DATE						
APPROVED	DATE			SHANGHAI MERCHANT SHIP DESIGN & RESEARCH INSTITUTE (SSC)			

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