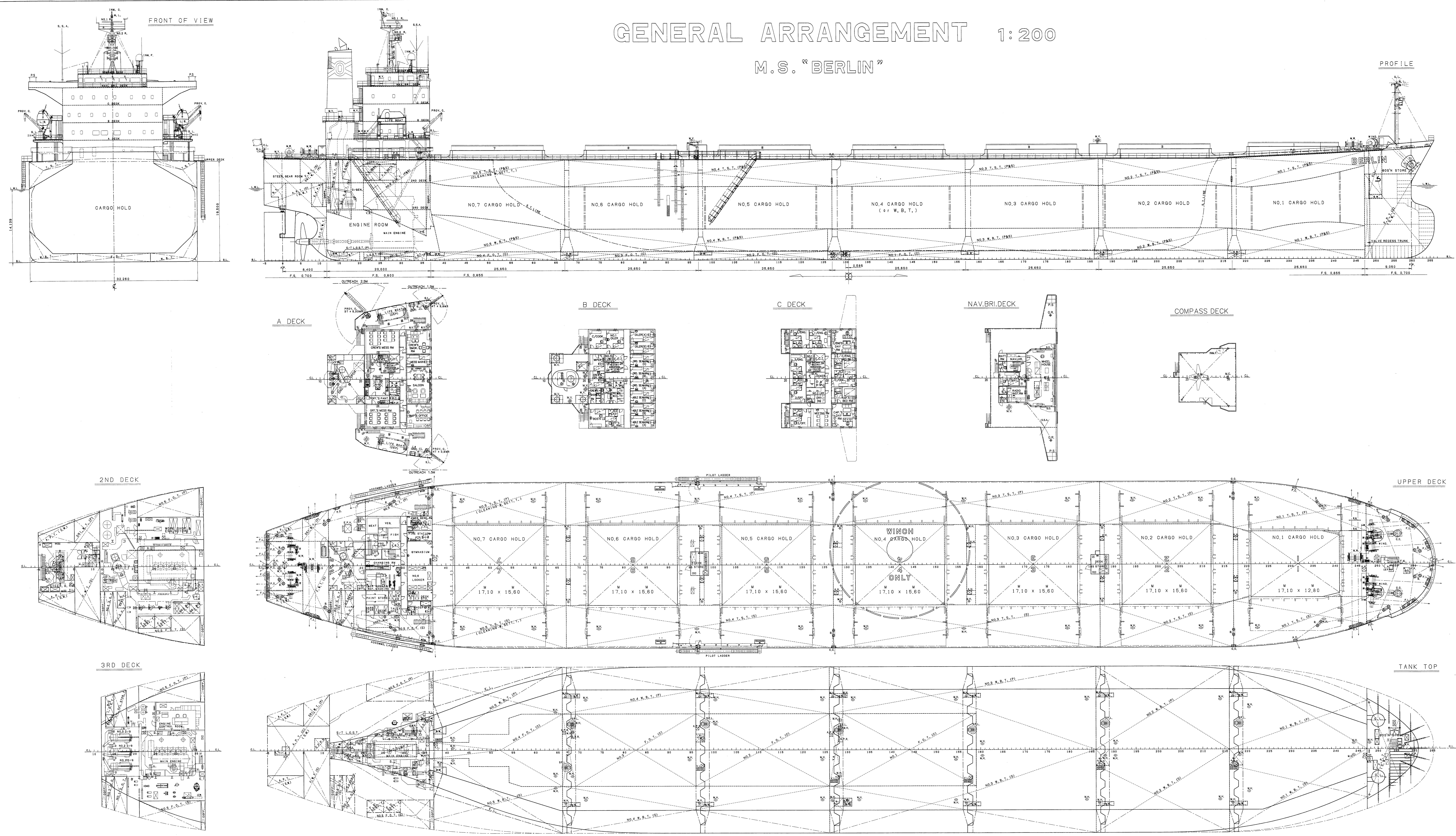


# GENERAL ARRANGEMENT 1:200

## M.S. "BERLIN"



PRINCIPAL PARTICULARS	
LENGTH (O.A.)	224.84 m
LENGTH (S.P.)	217.00 m
BREADTH (M.L.D.)	32.28 m
DEPTH (M.L.D.)	19.80 m
DRAUGHT (EXT.)	14.198 m
DEADWEIGHT (at assigned draught)	76,600 M.T.
HOLD CAPACITY	80,740 CB.M.
GROSS TONNAGE (I.C.T.W.)	39,727
NET TONNAGE (I.C.T.W.)	25,754

MAIN ENGINE	
MITSUBI-MAN B&W 6560MC (M&V) I.s.s.t.	
MAX. OUTPUT	16,320 kW x 89.0 rpm
NOR. OUTPUT	8,775 kW x 84.3 rpm
(85% M.S.R.)	
SPEED	
SERVICE (on designed loaded draught)	18.26 knots
AT NOR WITH 15% S.M.	
TRIAL MAX.	17.168 knots
CLASSIFICATION CHARACTERS	
NIPPON KAIJI KYOKAI (NK)	
NEKIBULK CARRIER, STRENGTHENED FOR HEAVY CARGOES.	
Max. 2, 4 & 8 HOLDS MAY BE EMPTY. (ESP) 1st & 2nd	
INSTALLATIONS CHARACTERS : CHD, WPP, LSA, RCF, AFS, WQ	

COMPLEMENT			
DECK PART	ENGINE PART	BUSINESS PART	
CAPTAIN	1	CHIEF ENGINEER	1
CHIEF OFFICER	1	1ST ENGINEER	1
2ND OFFICER	1	2ND ENGINEER	1
3RD OFFICER	1	3RD ENGINEER	1
BOATSWAIN	1	NO. 1 OILER	1
ABLE SEAMAN	3	CHIEF COOK	1
ORDINARY SEAMAN	3	MESS MAN	1
		WATER	1
TOTAL NUMBER OF OFFICER 8 P.			
TOTAL NUMBER OF CREW 19 P.			
SPARE OFFICER (JUNIOR OFFICER CLASS) 1 P.			
CREW (RATING CREW CLASS) 1 P.			
PILOT (JUNIOR OFFICER CLASS) 1 P.			
GRAND TOTAL 24 P.			

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SHIN KASADO DOCKYARD CO., LTD.  
SHIP DESIGN DIVISION  
JAN 07, 2009  
SERIAL NO. B-02

FINISHED PLAN			
CON-FERRED	SHIP DESIGN GROUP	M.S. "BERLIN"	
	BASIC DESIGN TEAM	GENERAL ARRANGEMENT	
CHECKED	APPROVED		
CHECKED			
DRAWN			
SHIP NO.	CLASS	SCALE	DWG. NO.
S-K002	NK	1/200	C-0200
MARINE SPRAWLING CO., LTD. SHIN KASADO DOCKYARD CO., LTD. DATE: DEC. 16, 2008			