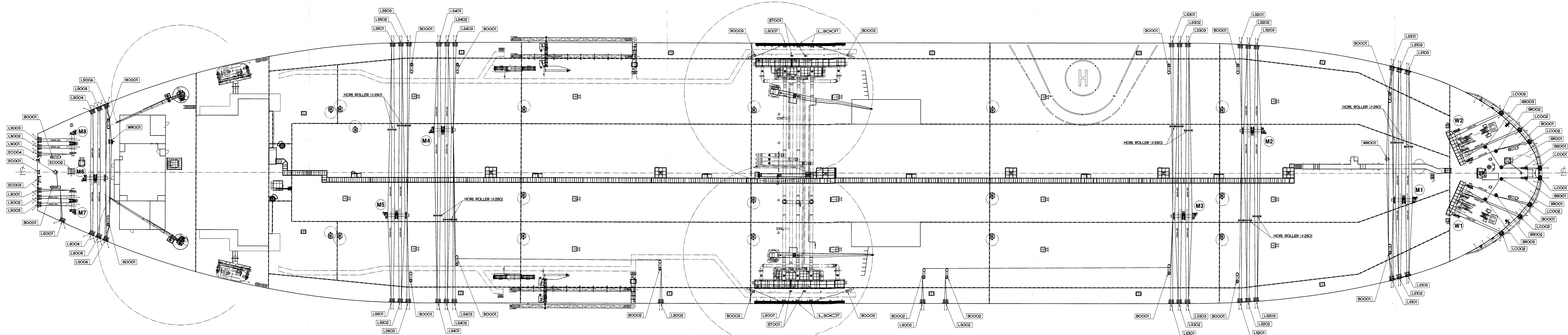


# VANGUARD CARRIERS 306,000 TDW CRUDE OIL TANKER

(SCALE : 1/2 00)



## PLAN HISTORY

DATE	REV	DESCRIPTION	DWN	CHK	APP
2006.02.23	1	PREPARED BY H.O.D.T. FOR H.M.O. 5268.	D.J.YOUN	S.W.KWON	2/23
2006.04.03	2	SUBMITTED TO OWNER FOR APPROVAL	D.J.YOUN	S.W.KWON	2/23
2006.04.03	3	SUBMITTED TO CLASS FOR APPROVAL	D.J.YOUN	S.W.KWON	2/23
2007.02.02	4	SUBMITTED AS CONSTRUCTION	D.J.YOUN	S.W.KWON	2/23
2007.02.02	5	ISSUED AS FINISHED PLAN	D.J.YOUN	S.W.KWON	2/23

## NOTES

- PORT AND STPD ARE SYMMETRICAL EXCEPT AS SHOWN.
- AS FOR THE DETAILS OF MOORING FITTINGS REFER TO THE DRAWING "DETAIL OF STEEL OUTFITTING (DAD000001)".
- AS FOR THE EXACT LOCATIONS OF MOORING FITTINGS & DECK MACHINERIES REFER TO THE RELEVANT STEEL OUTFITTING ART ON UPPER DECK FWD, MID, AFT (DWG NO.: DAD100001, DAD100002, DAD100003).

## PRINCIPAL DIMENSIONS

ITEM NO.	DESCRIPTION	CAPACITY	QTY/SHIP
W1, W2	CABLE LIFTER	65 TON X 9 M/MIN.	2
M1-M6	COMB. MOORING WINCH	30 TON X 15 M/MIN.	2
	MOORING WINCH	30 TON X 15 M/MIN.	8

## MOORING ROPE

STEEL WIRE ROPE (GALVANIZED) 42 MM DIA. (6X37 IWRC) X 275M X 20 SETS  
MIN. TENSILE BREAKING LOAD : 1115 TONNES  
NYLON TAIL ROPE WITH STAINLESS STEEL SHACKLE : 90 MM DIA. X 11M X 20SETS

## LISTS OF DECK MACHINERY

ITEM NO.	DESCRIPTION	CAPACITY	QTY/SHIP
W1, W2	CABLE LIFTER	65 TON X 9 M/MIN.	2
	COMB. MOORING WINCH	30 TON X 15 M/MIN.	2
M1-M6	MOORING WINCH	30 TON X 15 M/MIN.	8

## LISTS OF MOORING FITTINGS

ITEM NO.	DESCRIPTION	S W L	QTY/SHIP	PURPOSE
LS002	CLOSED CHOCK (500X400)	115 TON	6	FOR MOORING (FWD)
LS003	CLOSED CHOCK (500X400)	115 TON	43	FOR MOORING (MID/AFT)
LS002	CLOSED CHOCK (500X400)	115 TON	2	FOR SHIP TO SHIP MOORING
LS007	CLOSED CHOCK (400X350)	40 TON	6	FOR MANFOLD FITTING
BO001	BOLLARD (4000)	74 TON	16	FOR MOORING
BO002	BOLLARD (4000)	74 TON	3	FOR SHIP TO SHIP MOORING
BO003	BOLLARD (4000)	40 TON	4	FOR MANFOLD FITTING
BT001	CROSS BITT (8515)	40 TON	4	FOR MANFOLD FITTING
SRO01/2/3	STAND ROLLER (4450)	74 TON	6	FOR MOORING (FWD)
LC001	ROW FAIRLEAD (600X450)	200 TON	1	FOR FWD EMCY TOWING SYSTEM
BS001	ROW CHAIN STOPPER (FOR 276CHAIN)	200 TON	1	FOR FWD EMCY TOWING SYSTEM
CF001	CHASE CHAIN (876MM CHAIN)	200 TON	1	FOR FWD EMCY TOWING SYSTEM
BC001	FAIRLEAD & CLOSED CHOCK (600X450)	200 TON	1	FOR FWD EMCY TOWING SYSTEM
BC002	STORAGE DRUM	200 TON	1	FOR AFT EMCY TOWING & RESORTING / PULL BACK SYSTEM
BC003	PICK-UP GEAR W/BOX	200 TON	1	FOR AFT EMCY TOWING & RESORTING / PULL BACK SYSTEM
BC004	STRONG POINT	200 TON	1	FOR AFT EMCY TOWING & RESORTING / PULL BACK SYSTEM
WR001	FIRE WIRE REEL	200 TON	1	FOR AFT EMCY TOWING & RESORTING / PULL BACK SYSTEM

## STAMP AREA

THIS DRAWING OR DOCUMENT IS THE PROPERTY OF DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD. AND MUST NOT BE PARTIALLY OR WHOLLY COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF DAEWOO.	<input type="checkbox"/> FOR WORKING <input type="checkbox"/> FOR CONSTRUCTION <input type="checkbox"/> REVISION
---	--

NO. 5268  
PROJECT  
VANGUARD CARRIERS 306,000 TDW CRUDE OIL TANKER

APPD. BY: [Signature]  
CHKD. BY: [Signature]  
DWN. BY: [Signature]

DEPT. HULL OUTFITTING  
DESIGN TEAM

DATE: 2006/02/23  
SCALE: 1:200  
DWG NO.: DA4300001  
SHEET: 1/1

REV. NO.: 1  
REV. NO.: 1

## ARRANGEMENT OF MOORING

DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD.