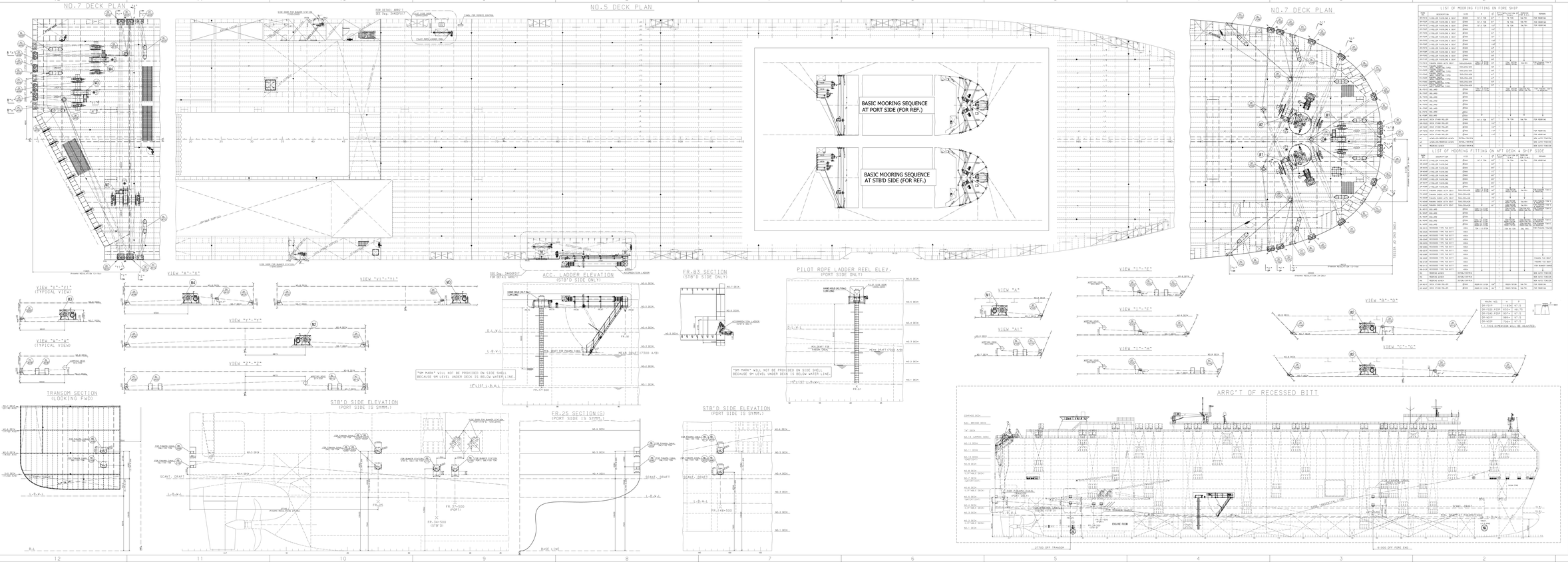

LIST OF MOORING FITTING ON FORE SHIP

MARK	DESCRIPTION	CLR	F	G	S.W.L.	SAFE WORK LOAD (T)		REMARK
SM-FO01	3-ROLLER FAIRLEAD & SEAT	@Fwd	67.5 TOM	15°	78 TOM	34.7t		FOR MOORING
SM-FO02	3-ROLLER FAIRLEAD & SEAT	@Fwd	67.5 TOM	15°	78 TOM	34.7t		FOR MOORING
SM-FO03	3-ROLLER FAIRLEAD & SEAT	@Fwd	67.5 TOM	15°	78 TOM	34.7t		FOR MOORING
SM-FO04	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO05	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO06	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO07	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO08	3-ROLLER FAIRLEAD & SEAT	@Fwd		15°				
SM-FO09	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO10	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO11	3-ROLLER FAIRLEAD & SEAT	@Fwd		15°				
SM-FO12	3-ROLLER FAIRLEAD & SEAT	@Fwd		15°				
SM-FO13	3-ROLLER FAIRLEAD & SEAT	@Fwd		45°				
SM-FO14	3-ROLLER FAIRLEAD & SEAT	@Fwd		15°				
SM-FO15	3-ROLLER FAIRLEAD & SEAT	@Fwd		15°				
FO-F001	FAIRWAY CHOCK WITH SEAT	SOLID/PLANER	67.5 TOM	15°	78 TOM	34.7t		FOR MOORING
FO-F002	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
FO-F003	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
FO-F004	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
FO-F005	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
FO-F006	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
FO-F007	FAIRWAY CHOCK (CLOSE)	SOLID/PLANER		15°				
SL-F001	BILLARD	@Fwd	66.5 TOM	0	66.5 TOM	34.7t	34.7t	FOR MOORING
SL-F002	BILLARD	@Fwd	66.5 TOM	0	66.5 TOM	34.7t	34.7t	FOR MOORING
SL-F003	BILLARD	@Fwd		0				
SL-F004	BILLARD	@Fwd		0				
SL-F005	BILLARD	@Fwd		0				
SL-F006	BILLARD	@Fwd		0				
SL-F007	BILLARD	@Fwd		0				
SM-F001	BILLARD	@Fwd	0	0	0		0	
SM-F002	DECK STAND ROLLER	@Fwd	67.5 TOM	45°	78 TOM	34.7t		FOR MOORING
SM-F003	DECK STAND ROLLER	@Fwd		15°				
SM-F004	DECK STAND ROLLER	@Fwd		15°				
SM-F005	DECK STAND ROLLER	@Fwd		15°				
SM-F006	DECK STAND ROLLER	@Fwd		15°				FOR MOORING
AF	ACHOR/SLIPWAYSIDE WINCH	DETAIL/ENVIRA						WIN AUTO TENSION
AF	ACHOR/SLIPWAYSIDE WINCH	DETAIL/ENVIRA						WIN AUTO TENSION
AF	MOORING WINCH	DETAIL/ENVIRA						WIN AUTO TENSION

LIST OF MOORING FITTING ON AFT DECK & SHIP SIDE

MARK	DESCRIPTION	CLR	F	G	S.W.L.	SAFE WORK LOAD (T)		REMARK
SM-AD01	3-ROLLER FAIRLEAD	@Aft	67.5 TOM	45°	78 TOM	34.7t		FOR MOORING
SM-AD02	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD03	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD04	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD05	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD06	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD07	3-ROLLER FAIRLEAD	@Aft		45°				
SM-AD08	3-ROLLER FAIRLEAD	@Aft		45°				
FO-AD01	FAIRWAY CHOCK WITH SEAT	SOLID/PLANER		45°				
FO-AD02	FAIRWAY CHOCK WITH SEAT	SOLID/PLANER		45°				
FO-AD03	FAIRWAY CHOCK WITH SEAT	SOLID/PLANER		45°				
FO-AD04	FAIRWAY CHOCK WITH SEAT	SOLID/PLANER		45°				
SL-AD01	BILLARD	@Aft	66.5 TOM	0	66.5 TOM	34.7t	34.7t	FOR MOORING
SL-AD02	BILLARD	@Aft		0				
SL-AD03	BILLARD	@Aft		0				
SL-AD04	BILLARD	@Aft		0				
SM-AD01	DECK STAND ROLLER	@Aft	67.5 TOM	45°	78 TOM	34.7t		FOR MOORING
SM-AD02	DECK STAND ROLLER	@Aft		15°				
SM-AD03	DECK STAND ROLLER	@Aft		15°				
SM-AD04	DECK STAND ROLLER	@Aft		15°				
SM-AD05	DECK STAND ROLLER	@Aft		15°				FOR MOORING
AF	ACHOR/SLIPWAYSIDE WINCH	DETAIL/ENVIRA						WIN AUTO TENSION
AF	ACHOR/SLIPWAYSIDE WINCH	DETAIL/ENVIRA						WIN AUTO TENSION
AF	MOORING WINCH	DETAIL/ENVIRA						WIN AUTO TENSION
SM-AD06	DECK STAND ROLLER	@Aft	66.5 TOM	45°	66.5 TOM	34.7t	34.7t	FOR MOORING
SM-AD07	DECK STAND ROLLER	@Aft		45°	66.5 TOM	34.7t		FOR MOORING
SM-AD08	DECK STAND ROLLER	@Aft	66.5 TOM	45°	66.5 TOM	34.7t		FOR MOORING

MARK NO.	H	F
SM-FO15F	11.83MM	97.5
SM-FO15,FO3F	9.01M	49.75
SM-FO4S,FO2F	9.01M	97.5
SM-FO14F	7.01M	97.5
SM-AD5F	7.01M	97.5

* : THIS DIMENSION WILL BE ADJUSTED.

PLAN HISTORY

DATE	REV.	MARK	DESCRIPTION	DRAWN	CHECKED	APPROVED
2011.11.30	00		INITIAL			
2012.01.12	01		ORIGINALLY PREPARED FOR APPROVAL			
2012.02.07	02		FINALLY PREPARED FOR FINISHED PLAN			

PRINCIPAL PARTICULARS

LENGTH	OVER	ALL	Max. 199.99 M
LENGTH	BETW.	PERP.	188.70 M
BREADTH	MLD.		35.40 M
DEPTH	MLD.	(TO NO.13 DECK)	36.25 M
DEPTH	MLD.	(TO NO.5 DECK)	14.30 M
DRAFT	DESIGN	MLD.	9.00 M
	SCANT.	MLD.	10.60 M
CLASS			DNV
EQUIP'T NUMBER			4137.308

NOTE

1. BASICALLY MOORING FITTINGS TO BE SYMMETRICALLY LOCATED ABOUT SHIP CENTER LINE EXCEPT AS NOTED.
2. THE ARRANGEMENT DRAWING OF PIPE RUNNING BAR(NO.6 ~ NO.H.R.) TO BE PROVIDED BY HULL DESIGN DEPT.(MAT'L + SUDDEN)

   PIPE RUNNING BAR WILL NOT BE PROVIDED FOR SHIP'S PARALLEL BODY.
3. MOORING PIPE + TUFFIE WINCH LINE PIPE 24ea (FO1~06,F1~7,AD1~4,SDPP,+1ea)+1ea.
4. THIS PLAN DENOTES THE LAYOUT OF MOORING FITTING.

   THE FITTINGS SHOWN ON THIS PLAN CAN BE CHANGED BY THE DETAIL DESIGN STAGE SUPPLY.
5. DOUBLE CONTINUOUS FILLET WELDING TO BE EMPLOYED BUT AS FOLLOWS EXCEPT AS NOTED.

   1/2H LEG LENGTH OF FILLET WELDING

MATERIAL THICKNESS	6	8	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
LEG LENGTH	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14

CLASSIFICATION	CAUTION
C	THIS DRAWING OR DOCUMENT IS THE PROPERTY OF HYUNDAI HEAVY INDUSTRIES CO., LTD. AND IT MUST NOT BE PARTIALLY OR WHOLLY COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF HYUNDAI HEAVY INDUSTRIES CO., LTD.

SHIP'S OWNER'S NAME	TYPE OF SHIP		
	1,700 UNIT CLASS PURE CAR AND TRUCK CARRIER		
SHIP YARD NO.	SHIP NAME		
2637	8151 / 8152		
NAME OF DRAWING			
ARRG'T OF MOORING SYSTEM FOR PANAMA CANAL			
DRAWN	J. H. BONG (H.H.I.)	SCALE	DRAWING NO.	REV. NO.
		1/100	3A000F001	F/A
CONSULTANTS NO.			F-2	

THIS DRAWING IS PROPERTY OF HYUNDAI HEAVY INDUSTRIES CO., LTD. AND IT MUST NOT BE PARTIALLY OR WHOLLY COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION OF HYUNDAI HEAVY INDUSTRIES CO., LTD.