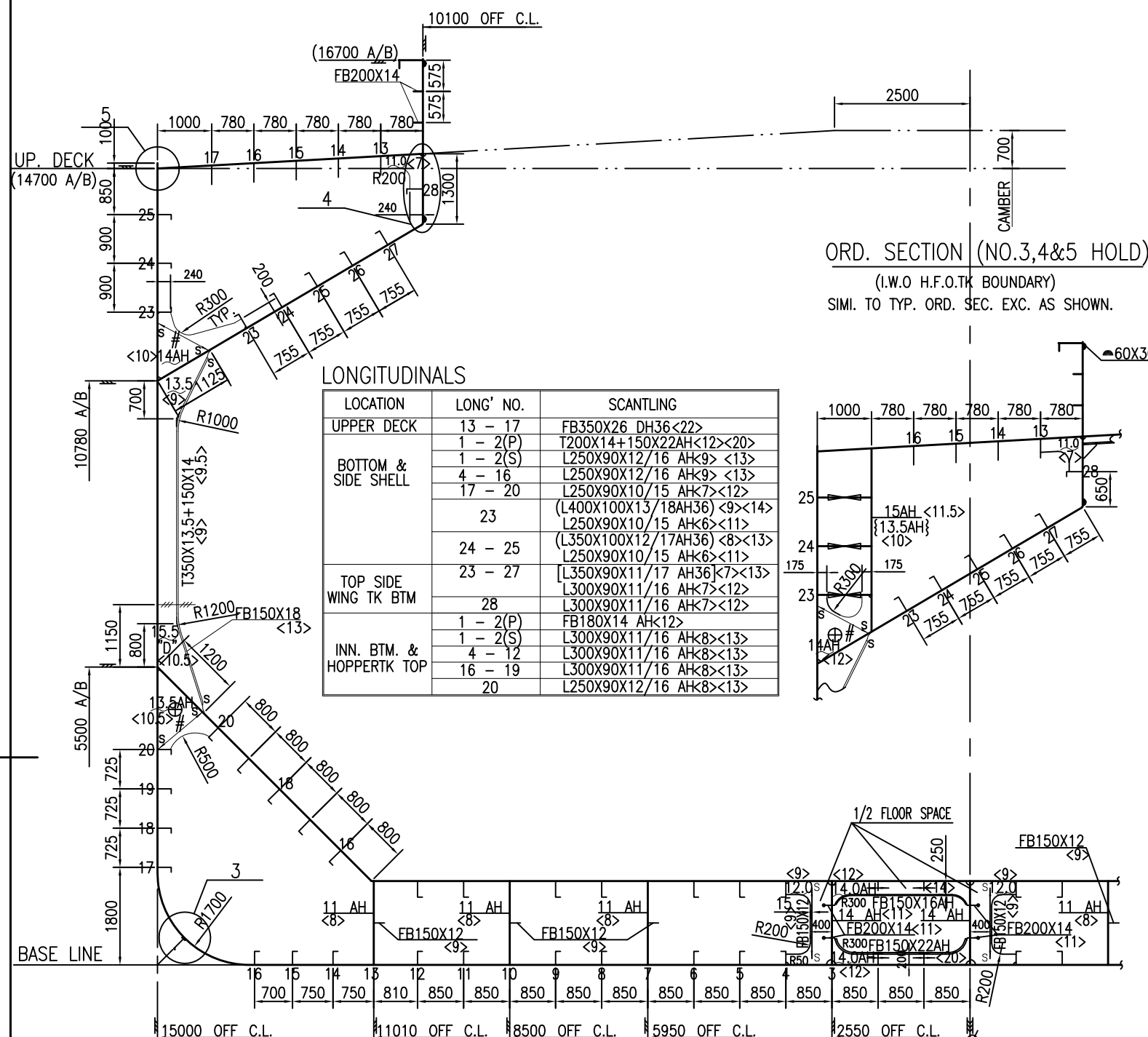


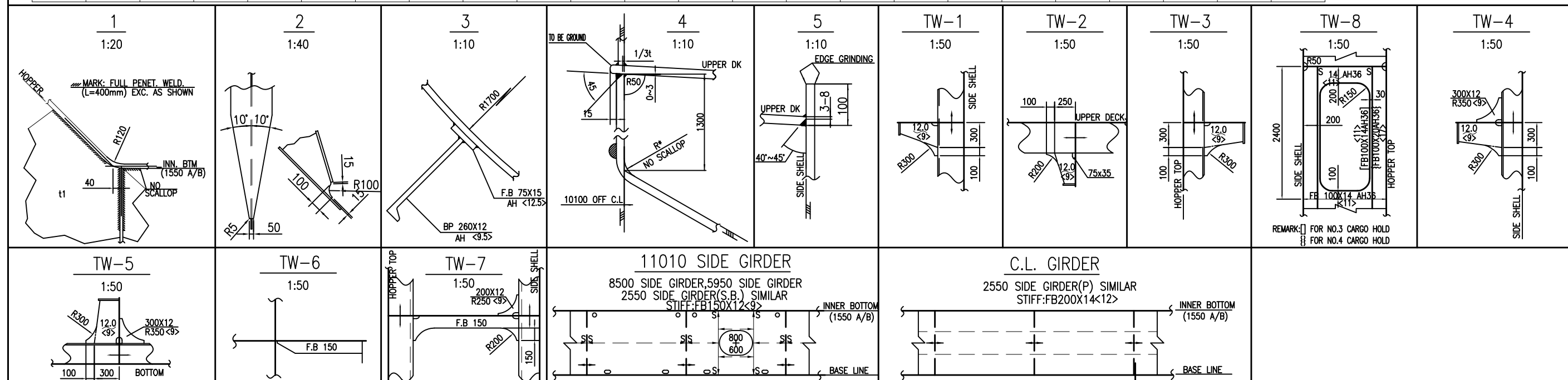
PRINCIPAL DIMENSIONS

LENGTH OVERALL (Loa)	approx. 179.99 m
LENGTH BETWEEN PERPENDICULARS (Lbp)	172.00 m
LENGTH SCANT.	170.48 m
BREADTH, MOULDED (B)	30.00 m
DEPTH, MOULDED (D)	14.70 m
DESIGNED DRAFT, MOULDED (d)	9.50 m
SCANTLING DRAFT, MOULDED (ds)	10.10 m

TYP' ORD. SECTION



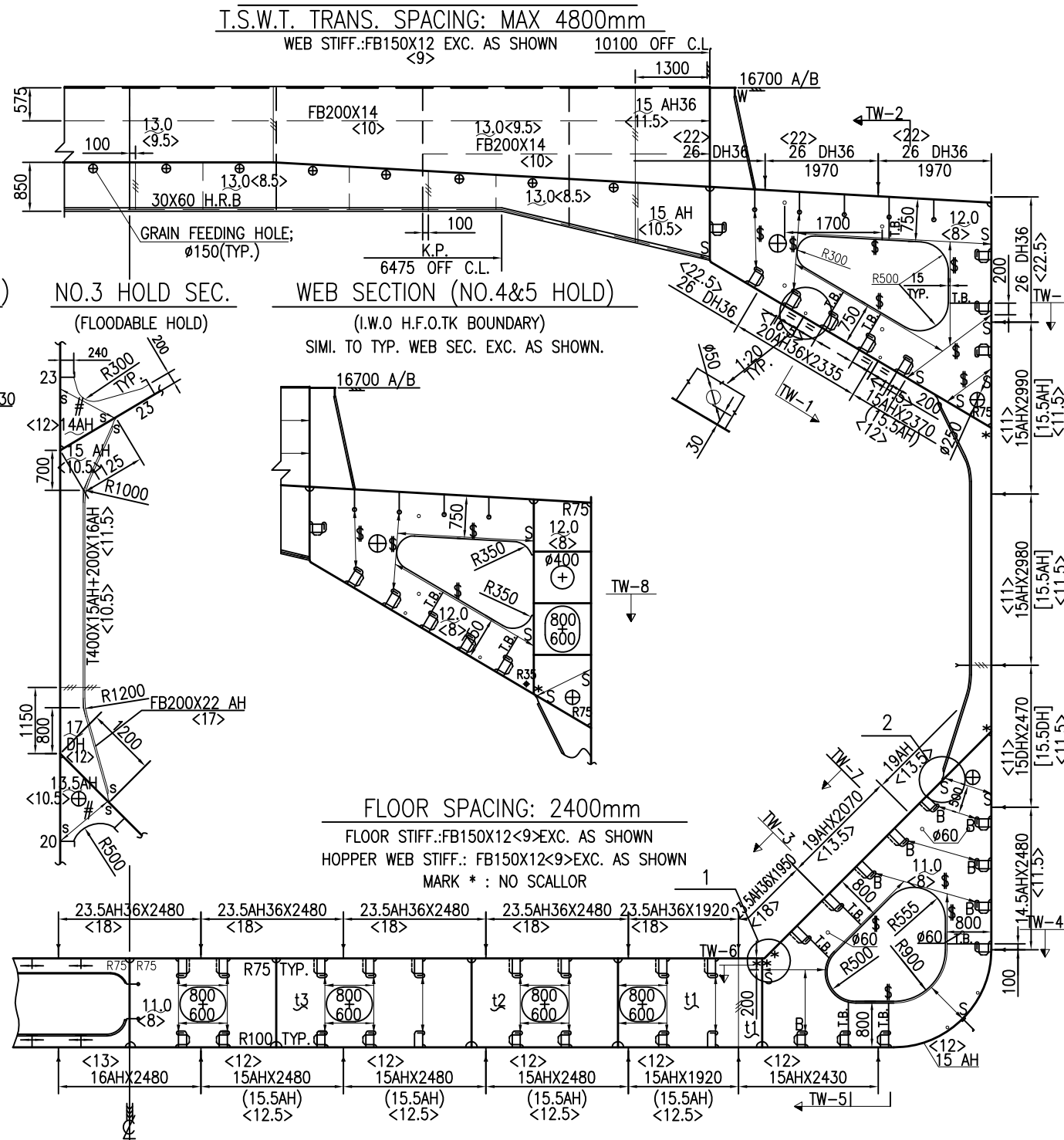
NO. 2 HOLD								NO. 3 HOLD								NO. 4 HOLD							
FLOOR LOC.	1	2	13	FLOOR LOC.	1	2	13	FLOOR LOC.	1	2	13	FLOOR LOC.	1	2	13	FLOOR LOC.	1	2	13				
A	13.0<10.0>	13.0<10.0>	13.0<10.0>	E'	14.5 AHK11.5>	13.0<10>	12.5<9.5>	A	13.0<10.0>	13.0<10.0>	13.0<10.0>	E'	14.5 AHK11.5>	13.5<10.5>	12.5<9.5>	A	13.0<10.0>	13.0<10.0>	13.0<10.0>				
B	12.5<9.5>	11.0<8>	11.0<8>	D'	14.0 AHK11>	12.5<9.5>	12.0<9>	B	11.5<8.5>	11.0<8>	11.0<8>	D'	14.0 AHK11>	13.0<10>	12.0<9>	B	13.5<10.5>	11.5<8.5>	11.0<8>				
C	13.0 AHK10>	12.0<9>	11.5<8.5>	C'	13.5 AHK10.5>	14.0<11>	14.0<11>	C	13.0 AHK10>	12.0<9>	11.5<8.5>	C'	13.5 AHK10.5>	12.5<9.5>	12.0<9>	C	13.5 AHK10.5>	12.0<9>	11.5<8.5>				
D	14.0 AHK11>	12.5<9.5>	12.0<9>	B'	14.0<11>	14.0<11>	14.0<11>	D	14.0 AHK11>	14.0<11>	12.0<9>	B'	12.5<9.5>	11.5<8.5>	11.5<8.5>	D	14.0 AHK11>	12.5<9.5>	12.0<9>				
E	14.5 AHK11.5>	13.0<10>	12.5<9.5>	A'	14.5<11.5>	14.5<11.5>	14.5<11.5>	E	14.5 AHK11.5>	13.0<10>	12.5<9.5>	A'	11.5<8.5>	11.0<8>	11.0<8>	E	14.5 AHK11.5>	13.0<10>	12.5<9.5>				
F	14.5 AHK11.5>	13.5<10.5>	13.0<10>					F	14.5 AHK11.5>							F	14.5 AHK11.5>	13.5<10.5>	13.0<10>				



CLASSIFICATION

NK (Nippon Kaiji Kyokai)
 NS*(CSR,BC-A,BC-XII,GRAB 20)(PSPC-WBT)(ESP)(IWS)(PSCM)(IHM)
 MNS* MO Strengthened for heavy cargo loading
 where hold nos. 2 & 4 may be empty

TYP' WEB SECTION



NOTES:

1. BOTH SIDES ARE SYMMETRICAL UNLESS OTHERWISE SHOWN.
2. THE PLANS, SECTIONS AND ELEVATIONS ARE SHOWN IN
LOOKING DOWNWARD, FORWARD AND PORT RESPECTIVELY.
3. LOCATION OF SEAM LINES IN THIS DRAWING MAY BE
ALTERED AND/OR ADDED WHERE NECESSARY FOR CONSTRUCTION.
4. MINIMUM WELDING LEG LENGTH IS ≥ 4.5 mm UNLESS OTHERWISE
SHOWN.
5. STIFFENER END CONNECTION
 - 1) NO MARKED: WELDED CONNECTION
 - 2) S: END SNIPPED
 - 3) B: BRACKET CONNECTION
6. THE SCANTLING OF NO. 3 CARGO HOLD SHALL BE DESIGNED AS
WATER BALLAST HOLD.
7. TOPSIDE TANKS AND DOUBLE BOTTOM BALLAST TANKS ARE
INTERCONNECTED.
8. PRE. Max. ALLOWABLE DESIGN S.W.B.M(STILL WATER BENDING MOMENT)
AT SEA-GOING CONDITION.

CONDITION	HOGGING (kNm)	SAGGING (kNm)
INTACT	abt.950,000	abt.-815,000
FLOODING	abt.1,400,000	abt.-1,450,000
9. AS DEVELOPMENT OF THE VESSEL, THE DESIGN S.W.B.M.
AND SCANTLINGS, MATERIAL GRADE MAY CHANGE ACC. TO
CLASSIFICATION SOCIETY'S COMMENTS.
10. LOCAL STRENGTH OF DOUBLE BOTTOM (MAXIMUM LOAD) :
20MT/M²FOR NO.1, 3 & 5 HOLD, 18MT/M²FOR NO.2, & 4 HOLD:
STEEL COIL LOADING : 20ton x 1.5m(L) x 1.75m(D) 2 TIERS.
5 DUNNAGE SUPPORTING ONE STEEL COIL
11. MARK FOR STIFFENER SIZE:

CONDITION	HOGGING (kNm)	SAGGING (kNm)
INTACT	abt.950,000	abt.-815,000
FLOODING	abt.1,400,000	abt.-1,450,000

MARK	SIZE	MARK	SIZE
✓	FB100x12	#	FB200x14
✓	FB150x12	\$	FB250x16

MATERIALS

1. STEEL MATERIAL WITH NO MARKING TO BE GRADE "A" MILD STEEL ($\sigma = 235\text{N/mm}^2$)
2. "D" TO BE GRADE "D" MILD STEEL ($\sigma = 235\text{N/mm}^2$)
3. "AH" TO BE GRADE "AH32" H.T. STEEL ($\sigma = 315\text{N/mm}^2$)
4. "DH" TO BE GRADE "DH32" H.T. STEEL ($\sigma = 315\text{N/mm}^2$)
5. PLATE THICKNESS WITH "<>"--RENEWAL THICKNESS OF PLATE AND WEB PLATE OF STIFFENERS.

REMARK:() FOR NO.2 CARGO HOLD

[] FOR NO.3 CARGO HOLD

}} FOR NO.4 CARGO HOLD

日 期 Date	版 本 Version	说 明 Description				修 改 Modify	校 对 Check	审 核 Review	
承建者 Builder	广东中远船务工程有限公司 COSCO (GUANGDONG) SHIPYARD CO.,LTD				工程号 Proj.No.	GN0040	船 级 Class	NK	
业 主 Owner	ER YATIRIM TURIZM VE INSAAT A.S.				IMO No.	9663817	完工设计 Finished Design		
工程名 P.Name	35300DWT 散货船 35300DWT BULK CARRIER				图 号 Draw.No.	GZN470F-110-04			
横 剖 面 图 MIDSHIP SECTION					设 计 Design	标 检 Sta.chk			
					校 对 Check	审 定 Verify			
					审 核 Review	批 准 Approve			
 广东中远船务工程有限公司 COSCO (GUANGDONG) SHIPYARD CO.,LTD							比 例 Scale	1:100	
							页 数 Sheet	1/1	