

MATERIALS					
PIPING SYSTEM	MATERIAL/STANDARD	JOINTS		VALVES	
		T/TYPE/STANDARD	BODIES	TRIM	
BILGE	HOT GALV STEEL ST 35 NS 2501	FLANGE/	CAST-IRON		BRONZE
BALLAST					
SEA INLET VALVES			NODULAR CAST IRON OR CAST STEEL		BRONZE
OVERBOARD VALVES					
VALVES ON COLLISION BH					

1. BILGE PIPES THROUGH FUEL OIL TANKS ARE NOT TO BE GALVANIZED AND ARE TO HAVE FOLLOWING WALL THICKNESS:

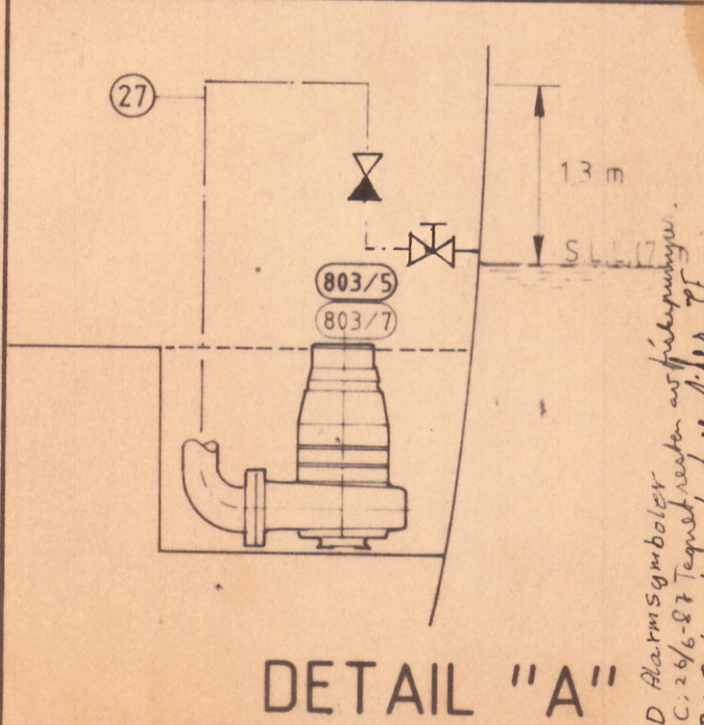
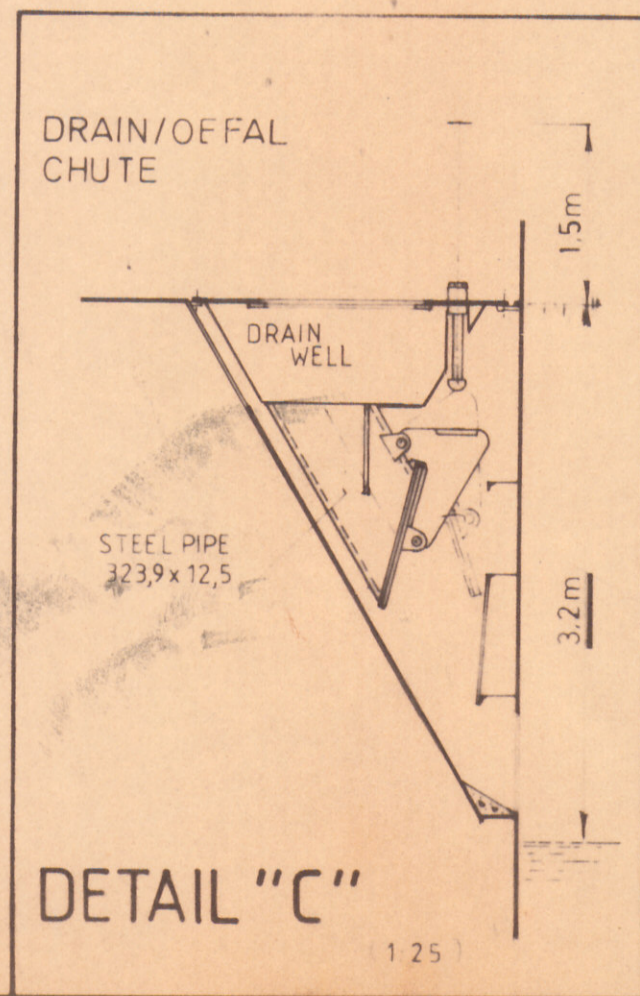
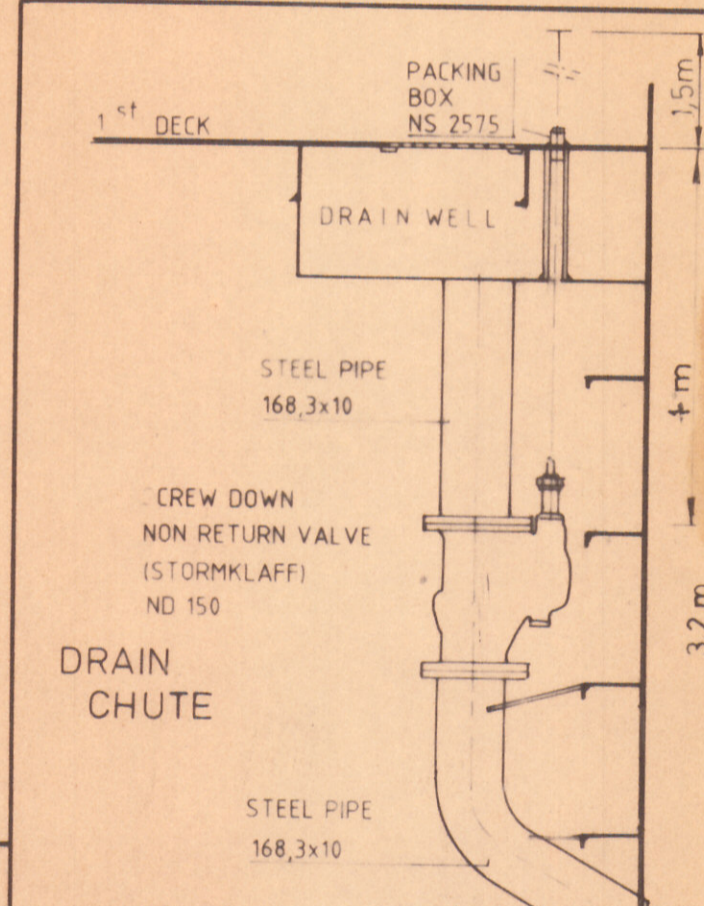
NO 50 : 6,3 mm
 NO 65 : 6,3 mm
 NO 80 : 7,1 mm
 NO 100 : 8 mm
 NO 125 : 8 mm

PIPING					
PIPE NO.	DIM.	MATERIAL	FROM	TO	REMARK
1	60,3x4,5	GALV ST	FOREPEAK STORES SB	VALVE CHEST II	
2	60,3x4,5	"	"	"	
3	60,3x4,5	"	CHAIN LOCKER	"	
4	60,3x4,5	"	SONAR ROOM	"	
5	88,9x4,5	"	SEWAGE TANK	"	SEE SANITARY DIC. SYST.
6	88,9x4,5	"	FREEZING ROOM (UPPER)	"	
7	114,3x8	"	DRAIN PIPE	"	
8	88,9x4,5	"	FREEZING ROOM (UPPER)	"	
9	88,9x4,5	"	" (LOWER) I	"	
10	88,9x4,5	"	" I	"	
11	88,9x4,5	"	"	"	
12	88,9x4,5	"	"	"	
13	88,9x4,5	"	FREEZING ROOM LOWER II	"	
14	88,9x7,1	"	DRAIN PIPE	"	1
15	88,9x4,5	"	FREEZING ROOM (LOWER) II	"	
16	114,3x4,5	"	VALVE CHEST II	PIPE NO 32	
17	88,9x4,5	"	FREEZING ROOM (UPPER)	VALVE CHEST I	
18	88,9x4,5	"	ENGINE ROOM	"	
19	88,9x4,5	"	PROCESSING ROOM 2ND DK.	"	EMERG SUCTION
20	88,9x4,5	"	LOADING WELL	"	
21	"	"	"	"	
22	"	"	"	"	
23	76,1x4,5	"	PIPE 34	"	BILGEWATER TANK
24	48,3x4,5	"	BILGEWATER TANK	"	OILY WATER SEPARATOR
25	76,1x4,5	"	VALVE CHEST II	"	BILGE PUMP 803/3
26	76,1x4,5	"	BILGE PUMP 803/3	"	OVERBOARD
27	114,3x4,5/148,3x4,5	"	BILGE/OFFAL PUMP	"	OVERBOARD
28	76,1x4,5	"	ROOM FOR BRINE EQUIPM	"	VALVE CHEST I
29	76,1x4,5	"	ENGINE ROOM, FORE END	"	VALVE CHEST I
30	114,3x4,5	"	ENGINE ROOM	"	BILGE PUMP 803/1
31	114,3x4,5	"	VALVE CHEST I	"	DIRECT B. SUCTION
32	114,3x4,5	"	"	"	
33	114,3x4,5	"	BILGE PUMP II	"	BILGE PUMP II
34	114,3x4,5	"	OVERBOARD	"	
35	"	"	BILGE SYSTEM	"	OILY WATER SEPARATOR
36	"	"	OILY WATER SEPARATOR	"	OVERBOARD
37	"	"	SLUDGE TANK	"	
38	88,9x4,5	"	FREEZING ROOM LOWER II	"	VALVE CHEST II
39	114,3x4,5	"	SB WING TK FOREWARD	"	VALVE CHEST BALLASTW
40	114,3x4,5	"	"	"	"
41	114,3x4,5	"	FOREPEAK TK LOWER	"	"
42	114,3x4,5	"	UPPER	"	"
43	114,3x4,5	"	STABILIZING TANK	"	"
44	114,3x4,5	"	VALVE CHEST BALLASTW	"	BALLAST PUMP
45	114,3x4,5	"	BALLAST PUMP	"	VALVE CHEST BALLASTW
46	114,3x4,5	"	OVERBOARD	"	
47	168,3x10	"	LOADING WELL	"	1ST. DECK
48	60,3x4,5	"	BILGE PUMP 803	"	

APPROVED BY LLOYD'S 23rd March, 1987

COMPONENTS				
POS. NO.	QTY.	DESCRIPTION	TYPE	TECHN. DATA
801/1	1	BALLAST PUMP		65 m ³ /h - 20 mWG
803/1	1	BILGE PUMP I		65 m ³ /h - 20 mWG
803/2	1	BILGE PUMP II		65 m ³ /h - 20 mWG
803/3	1	BILGE PUMP, FOREWARD		15 m ³ /h - 20 mWG
803/4	1	OILY WATER SEPARATOR	HAMWORTHY MK II	1 m ³ /h - 15 ppm
803/5	3	BILGE/OFFAL PUMP	SUBMERGED WITH ROTATING KNIVES	200 m ³ /h - 10 mWG
803/6	1	BILGE PUMP	SUBMERGED	100 m ³ /h - 10 mWG
803/7	1	BILGE PUMP	SUBMERGED	100 m ³ /h - 10 mWG

Class: Lloyds + 100A1 LMC UMS STERN TRAWLER



91 m **Трына №8** Yard no.99
KLEVEN LÖLAND 1/2
 5940 LEIRVIK - NORWAY
BILGE & BALLAST PIPING
 DIAGRAM

5940 LEIRVIK - NORWAY
 5940 LEIRVIK I SOGN
 11.402-800 C

23.01.87 P.V.
 Målestokk: 1:20
 Erstatning for: Erstattet av:

Vik & Sandvik 1/2
 NAVAL ARCHITECTS / MARINE CONSULTANTS
 P.O. BOX 124 - N-5419 FITJAR NORWAY
 TEL. (054) 97 396 - TELEFAX (054) 97 577
 TELEX 42407 BOAT N

972
800-GE32