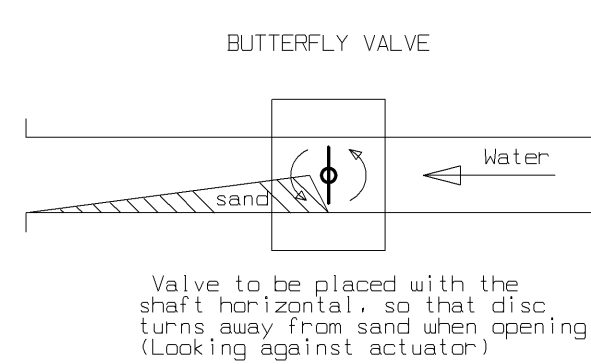
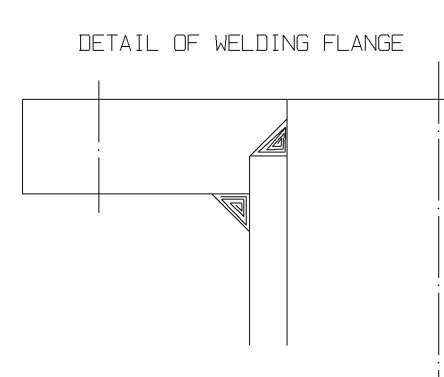
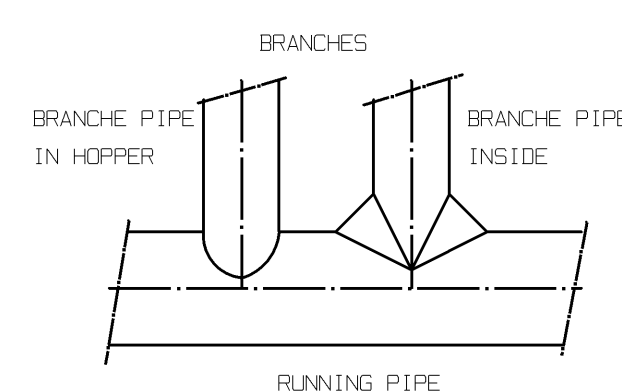
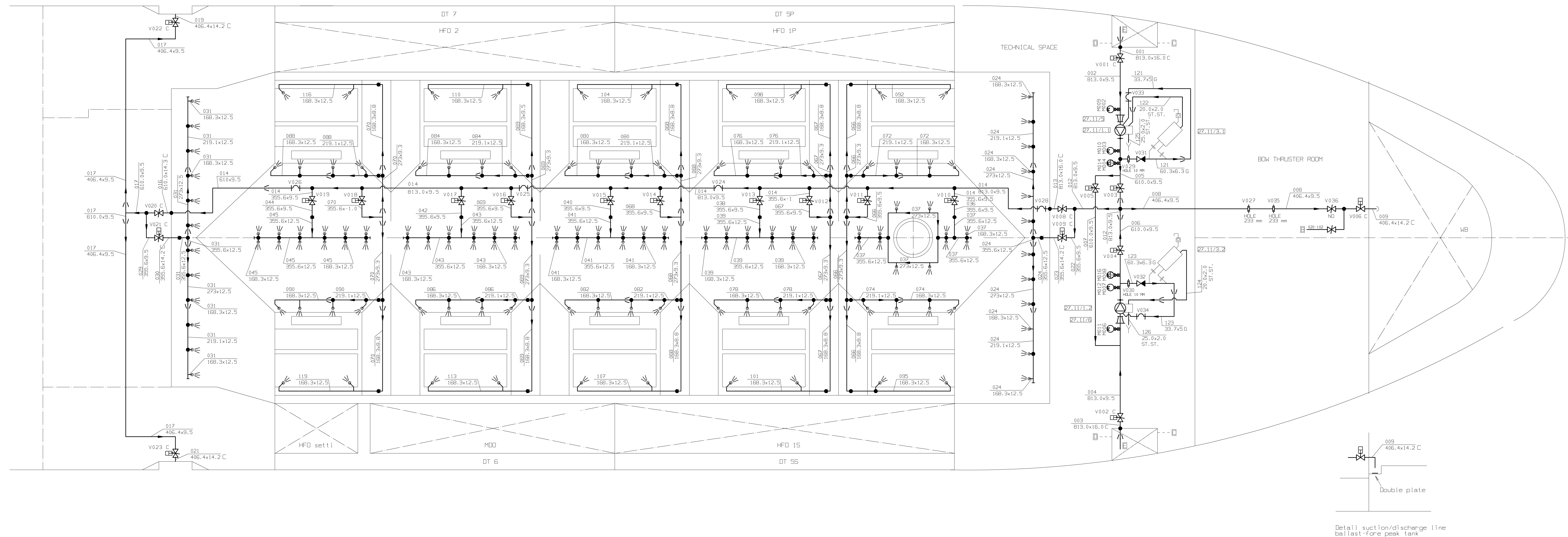










ALT	DESCRIPTION	PAR	DATE
A	REMARKS OWNER AND UPDATED	JCB	27-01-10
B	UPDATED	J	01-04-10
C	REMARKS OWNER	J	03-08-10
D	DATA DRIFICES CHANGED: SUCT.PIPES FROM SEA INLET	J	08-02-11
E	NAME OF TANKS UPDATED	CAV	16-11-11



Valve to be placed with the shaft horizontal, so that disc turns away from sand when opening (Looking against actuator)

LIST OF SYMBOLS

- | | |
|---|-------------------------------------|
|  | BUTTERFLY VALVE WITH HYDR. ACTUATOR |
|  | MANOMETER COCK |
|  | NON RETURN VALVE |
|  | COMPENSATOR |
|  | DRIFICE |
|  | PRESSURE INDICATOR |
|  | PRESSURE TRANSMITTER |
|  | LEVEL SWITCH |

27.11/6	1	EXPANSION PIECE	
27.11/5	1	EXPANSION PIECE	
27.11/3.2	1	SETTING PIPE JETPUMP []	
27.11/3.1	1	SETTING PIPE JETPUMP []	
27.11/1.2	1	JETPUMP []	9550 m³/h/4.5 bar
27.11/1.1	1	JETPUMP []	9550 m³/h/4.5 bar
ITEM	No. OF	DESCRIPTION	CAPACITY

SERVICE:	JETPUMPS:	CAPACITY: TOTAL	CAPACITY: EACH
DRAGHEAD JETTING	2 JETPUMPS (SERIES)	5550 m ³ /h, 9 bar	5550 m ³ /h, 4.5 bar
HOPPER DILUTING	2 JETPUMPS (PARALLEL)	11100 m ³ /h, 4.5 bar	5550 m ³ /h, 4.5 bar
FILLING BALLAST TANK	1 JETPUMP (M,FREQ,REG)	2775 m ³ /h, 1.13 bar	

NOTES:

FOR LIST OF FITTINGS SEE DRAWING 01259-0324-746 (A4)

PIPES: ERW PIPES ACCORDING TO: DIN 1629/ST52 (VL code 127/271/280)

PIPE CONNECTIONS: WELDING FLANGES (SEE DETAIL) PN16 (GIM norm 01961)

MINIMUM RADIUS PIPE BENDS: CCS CLASS 1: 3D; CLASS 2+3: 1.5 D

VALVES AND PIPES MARKED WITH "C" WITH CERTIFICATE

VALVES FN 16

NO = NORMALLY OPEN

AT LOWER POINTS: DRAIN PLUG G1/2"

144 NOZZLES 45 MM (NS 150) DRAWING IHC P&S

MANOMETER PIPES 8x1: STAINLESS STEEL

Q 01259-0324-036 DIAGRAM OF ELECTRIC

01259-0324-020 DIAGRAM OF BILGE AND BALLAST LINES

01259-0324-021 DIAGRAM OF AIR AND SOUNDING I

01259-0324-228 DIAGRAM OF WORKING AIR LINES

01258-2746-310 MOUNTING INSTR. JETWATER SUCT.PIPES FROM SEA INLET PS/SB

Coaming deck

Main deck

Water ballast (WB)




Jet pump (95%)

Alarm high (90%)

Block to place master

V007 C

V014, 2C

CLASSIFICATION: China Classification Society (CCS) ★ CSA ★ CSM									
★ CSA 5/5 TRAILING SUCTION DREDGER, dredging within 20miles offshore ★ CSM BRO									
Number									
Project and Activity No.		Name	Date	 IHC DREDGERS B.V. KINDERDIJK www.ihcmerwede.com				This document remains the property of IHC Dredgers B.V. All rights reserved. This document or any part thereof may not be made public or disclosed, copied or otherwise reproduced or used in any form or by any means, including but not limited to use thereof for the design and manufacturing of identical or similar parts or products, without prior permission in writing from IHC Dredgers B.V.	
	Designed	LEB	09/09						
	Approved								
Destination				 DIAGRAM JETWATER LINES				Drawing Number: 01259-0324-746	
Date		Project Item						Scale:	Revision: E