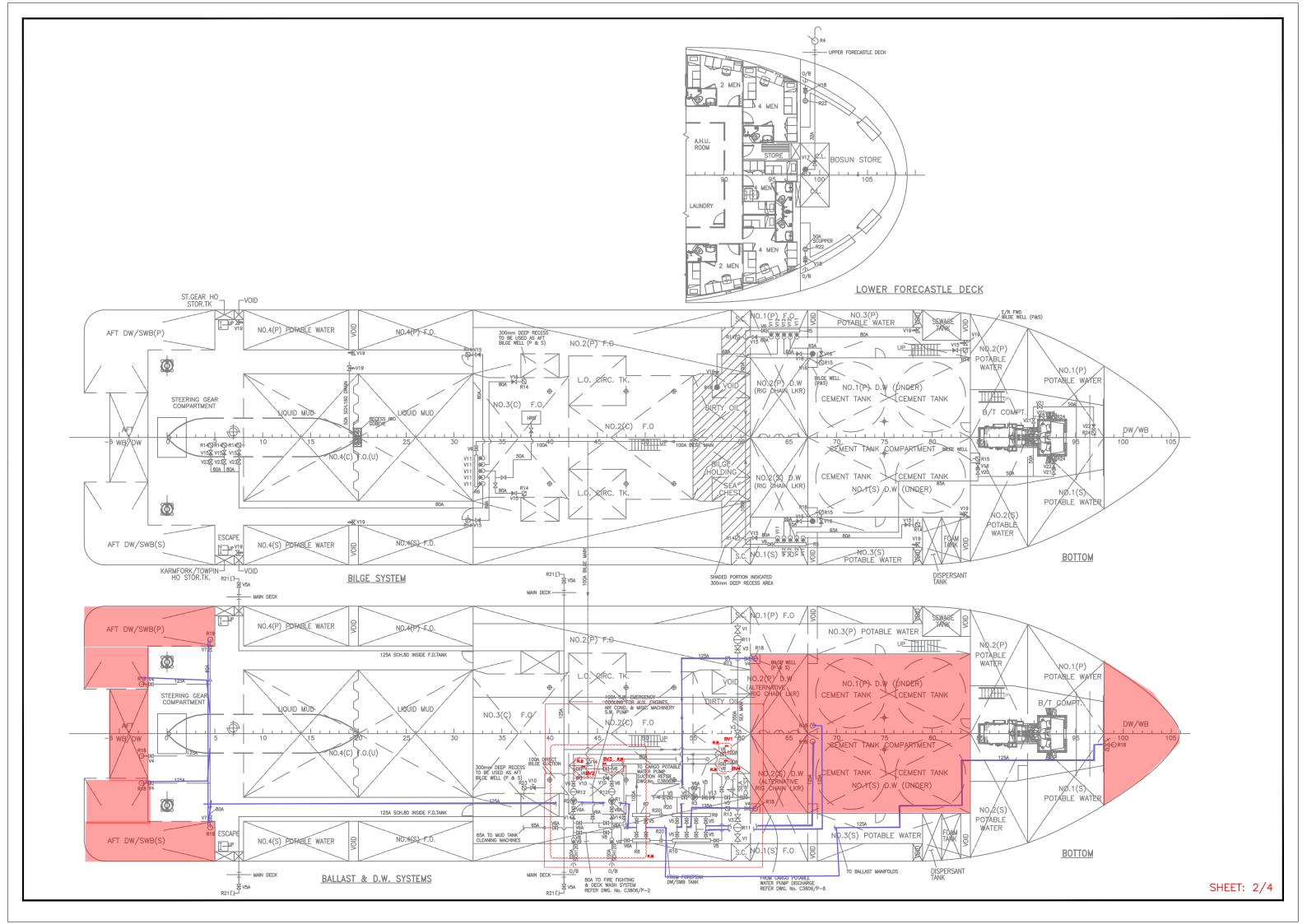
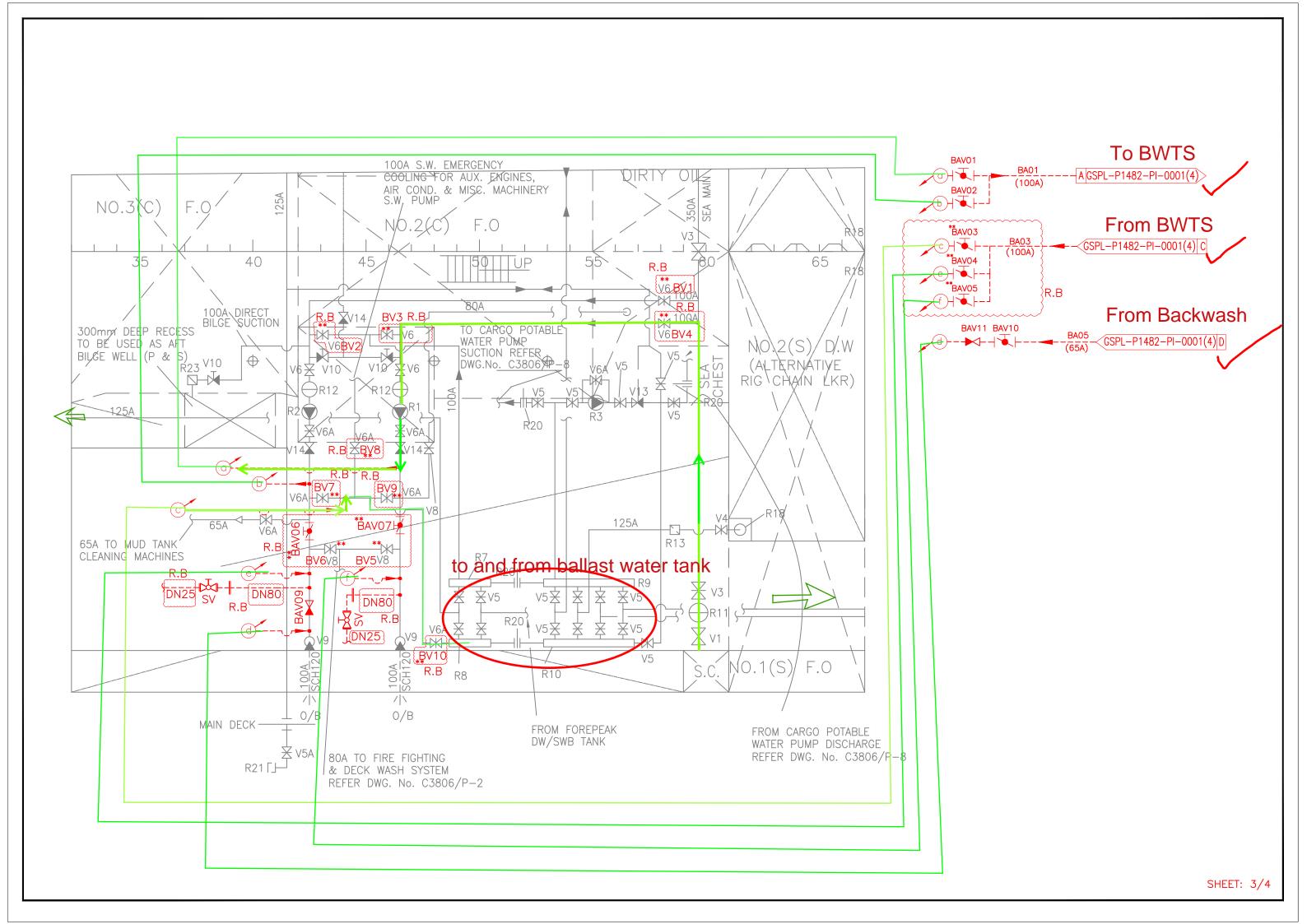
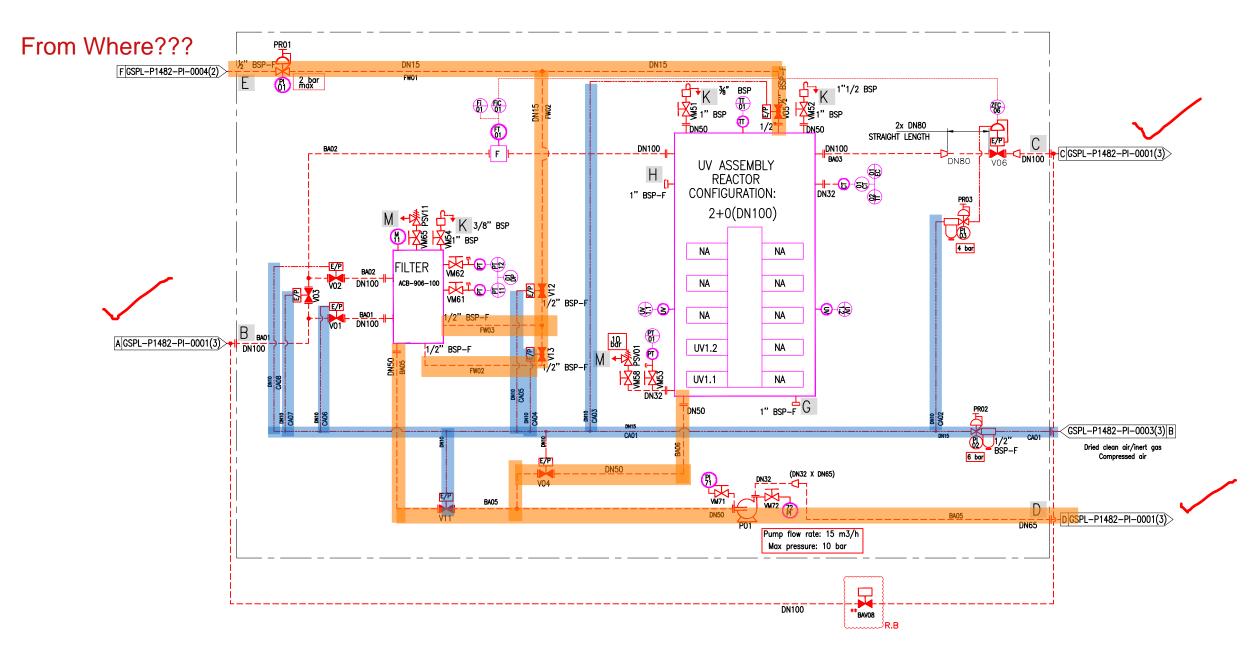
E	QUIPMI	ENT/F	PUMI	P DET	'AILS														
ITEM	TYPE C		CAP	PACITY DIFF. HEAD (BAR)		LOC	CATION	RE	FERENCE	DRAWING	G/DOC	UMENT							
		ENTRIFUGAL 60m³/hr		6			DRAWI	Rev.	DRAWING TITLE										
/FIRE PUMP BILGE/G.S/FIRE		PUMP					IGINE	GSPL-P1482-PI-0004		0	SANITARY & F.W SERVICE SYSTEM PIPING SCHEMATIC								
PUMP	RE CENTRIFUGAL PUMP		60m	60m³/hr 6		ROOM		0001 04400 01 0007		0	COMPRESSED AIR SYSTEM								
BWTS SYSTEM	UV TREA	TMENT	60m	n³/hr	-			GSPL-P1482-PI-0003			(CONTROL AIR) PIPING SCHEMATIC								
	DESIGN CONDITION			1	ESTING			PIPE	FITT	INGS/FLANGE				VA	LVE				
SYSTEM	PRESSURE		CLASS	MEDIUM	PRESS (ba		NOM.	MATERIAL &		MATERIAL (FLANGES)	FLANGE RATING	GASKET	COATING	MATI	ERIAL	REMARKS			
	(bar)	(°C)						SCHEDULE						BODY	TRIM		TUTTAL	TIOT	
BWTS	6	AMB	111	WATER		9 25	300A	JIS G3454 STPG370,Sch40	JIS B2312 PG370	JIS B2220 SF440	JIS 5K /PN10		HOT-DIP					LIST	
							TO 600A					NON				N	lo. ITEM	ITEM NO.	REMARKS
							200A TO	JIS G3454 STPG370,Sch40	JIS B2312 PG370	JIS B2220 SF440	JIS 5K/ PN10	ASBESTOS	GALVANIZED	CAST IRON			1 PIPE	BA01-BA06	
					9		50A	,			11110						2 VALVE	BAV01-BAV11	
						-	TO 150A 15A	JIS G3454 STPG370,Sch40	JIS B2312 PG370	JIS B2220 SF440	JIS 5K/ PN10	NON	HOT-DIP GALVANIZED		BRONZE		3 SAMPLING DEVICE	SV	
									TO 40A		1 0070	31 440	PNIU	WODEO109		BRONZE			4 FLOW METER

Symbol	Name		NOTES							
	BWTS Line		VALVE ACTUATION MEANS IS PROVIDED VIA INSTRUMENT AIR							
	BWTS Control & Auxiliary Air Line	2	QUALITY AND PRESSURE OF COMPRESSED AIR SHALL MEET BWTS MAKER STANDARDS VALVES MARKED WITH ** SYMBOL TO BE MONITORED DURING BWTS OPERATION							
2	Pressure reducing valve	3								
E/P	Electropneumatic ball valve	4	BWTS OPERATION. VALVE BAVO8 ACT AS BYPASS VALVE FOR THE BWTS.							
P	Electropneumatic butterfly valve Manual valve		THE SPILLAGE LINE SUITABLY ROUTED TO NEAR BILGE WELL/SCUPPER							
兩			REFER BIOSEA BWTS (OMSM)							
	Electropneumatic control valve									
楼	Pressure safety valve									
4	Vent									
Q	Sensor									
₽ F	Flowmeter									
otin oti	Centrifugal pump									
	Flexible sleeve									
	Ejector or eductor									
*	Butterfly valve									
	Check Valve									
	Air Filter									









В	Main water inlet							
С	Main water outlet							
D	Water discharge (backwash & draining)							
E	Fresh water inlet							
F	Air inlet							
G	"To CIP inlet" connection							
Н	"From CIP outlet" connection							
ı	"To Stripping ejector" connection							
J	"From Stripping ejector"							
К	Vent outlet to gutter or bilge water							
М	Saferty valve outlet to gutter or bilge water							

СТ	Conductivity transmitter	PR	Pressure reducing valve
DP	Differential pressure	PSV	Pressure safety valve
EC	Electrical conductivity	PT	Pressure transmitter
F	Flow sensor	тт	Temperature transmitter
Fi	Flow information	UV	UV irradiance
FiC	Flow control	V	Valve
FT	Flow transmitter	VM	Manual valve
НА	Visual and audible alarm	ZEC	Control valve opening
Р	Pump		
PI	Pressure indicator (indicative values, for information only)		