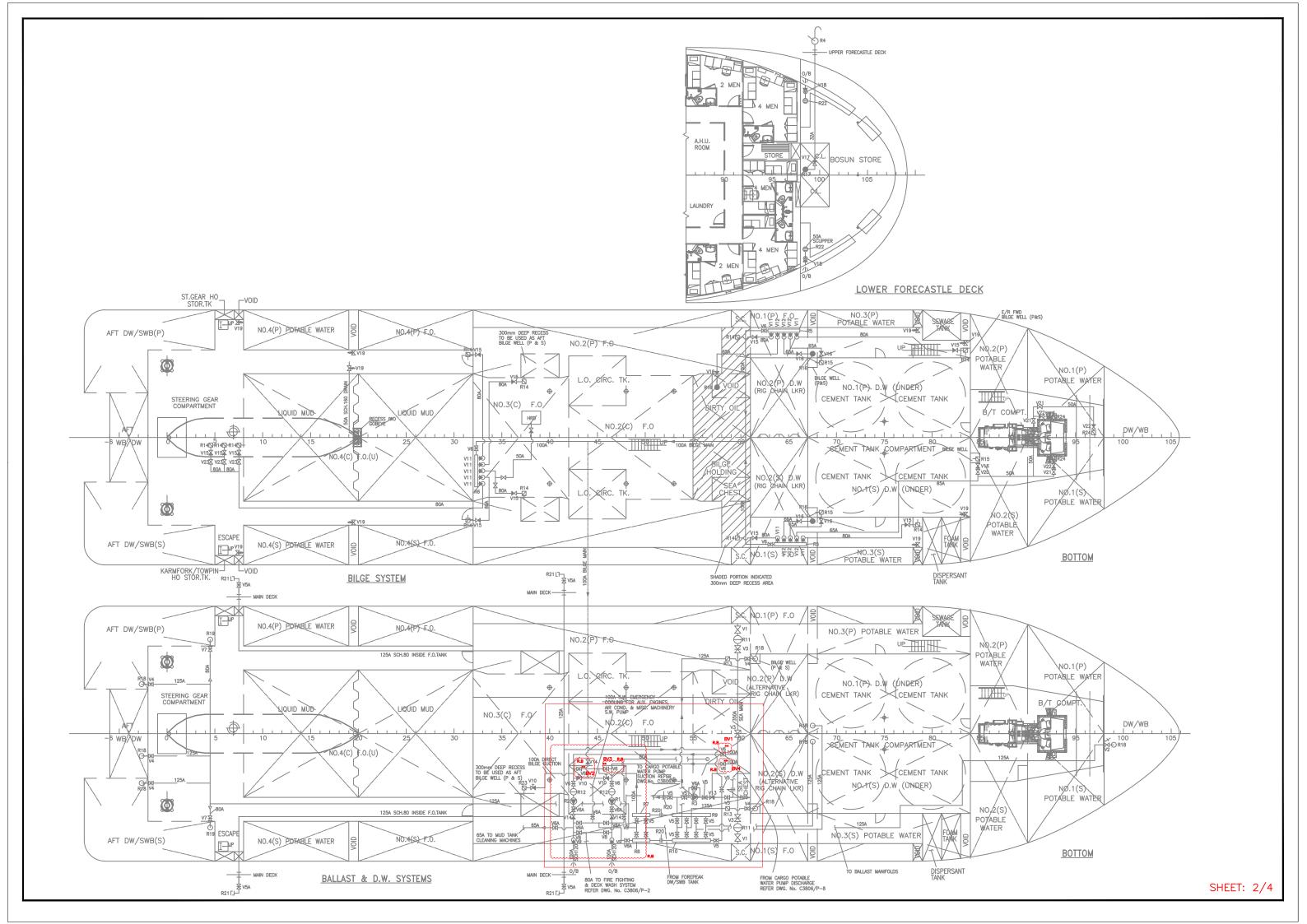
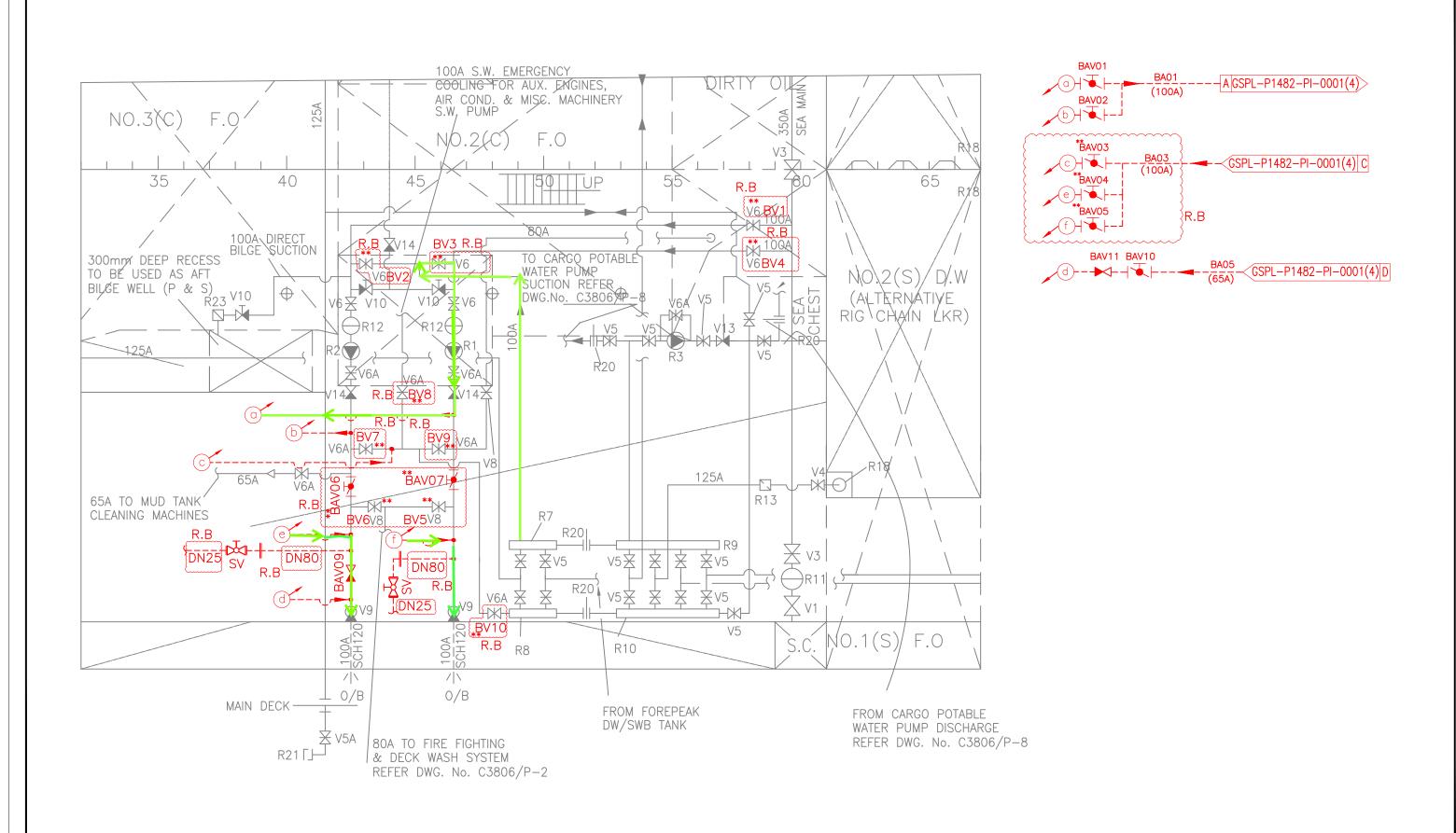
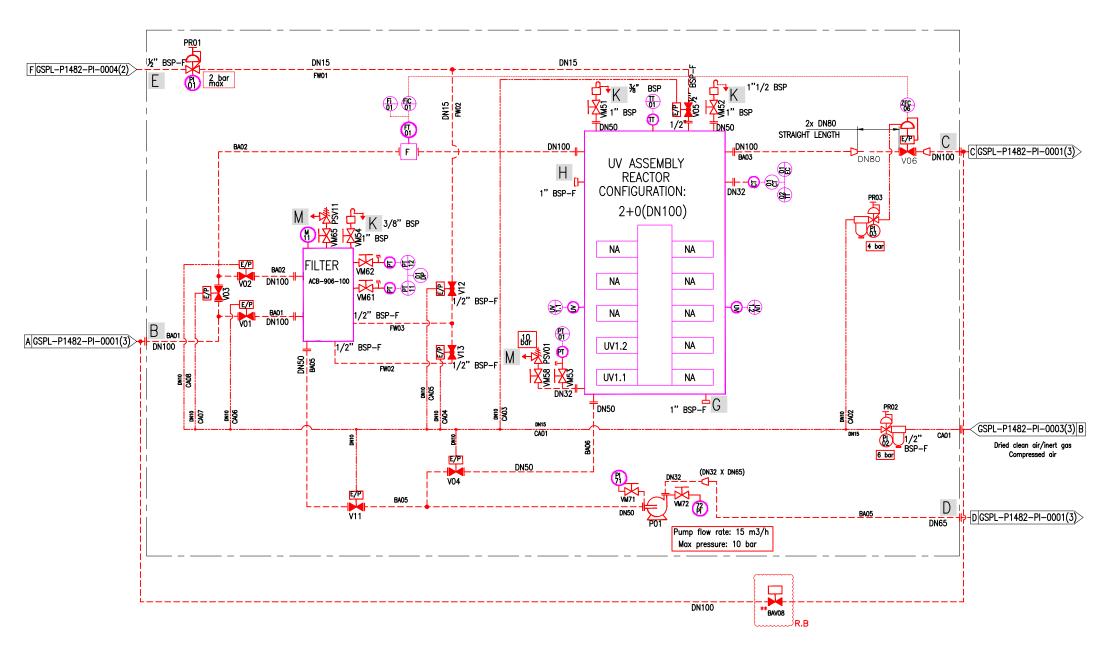
E	QUIPMI	ENT/F	PUMI	P DET	'AILS															
ITEM	TYPE CA		CAP	ACITY	DIFF. HEAD (BAR)		CATION	RE	REFERENCE DRAWING/DOCUMENT											
BILGE/BALLAST	CENTRIFUGAL		60m³/hr		6			DRAWI	Rev.	DRAWING TITLE										
/FIRE PUMP BILGE/G.S/FIRE		PUMP					IGINE	GSPL-P1482-PI-0004		0	SANITARY & F.W SERVICE SYSTEM PIPING SCHEMATIC									
PUMP	RE CENTRIFUGAL PUMP		60m	Om³/hr 6		ROOM .		00DL D4400 DL 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	TEMP. (°C)	CLASS	MEDIUM	M PRESS (ba		NOM. DIA.		MATERIAL (FITTINGS)	MATERIAL (FLANGES)	FLANGE RATING	GASKET	COATING	MATI	ERIAL	REMARKS				
	(bar)													BODY	TRIM		TUTTAL	TIOT		
	6	AMB				50A TO 150A	TO	JIS G3454	JIS B2312 PG370	JIS B2220 SF440	JIS 5K /PN10		HOT-DIP OS GALVANIZED					LIST		
BWTS								STPG370,Sch40				NON				N	lo. ITEM	ITEM NO.	REMARKS	
							TO	JIS G3454 STPG370,Sch40	JIS B2312 PG370	JIS B2220 SF440	JIS 5K/ PN10	ASBESTOS		CAST IRON	AL. BRONZE		1 PIPE	BA01-BA06		
			III	WATER	9		50A	, , , , ,	6 G3454 JIS B2312		IIC 51/		HOT-DIP GAI VANIZED	-			2 VALVE	BAV01-BAV11		
								JIS G3454 STPG370,Sch40		JIS B2220 SF440		NON ASBESTOS			BRONZE		3 SAMPLING DEVICE	SV		
										TO 40A		1 0070	31 440	PN10	WODEO109		BRONZE			4 FLOW METER

Symbol	Name		NOTES							
	BWTS Line  BWTS Control & Auxiliary Air Line  Pressure reducing valve		VALVE ACTUATION MEANS IS PROVIDED VIA INSTRUMENT AIR							
			QUALITY AND PRESSURE OF COMPRESSED AIR SHALL MEET							
			BWTS MAKER STANDARDS  VALVES MARKED WITH ** SYMBOL TO BE MONITORED DURING RWTS OPERATION							
E/P	Electropneumatic ball valve	3	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									
<del>*</del>	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" conection						
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	TT	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)				