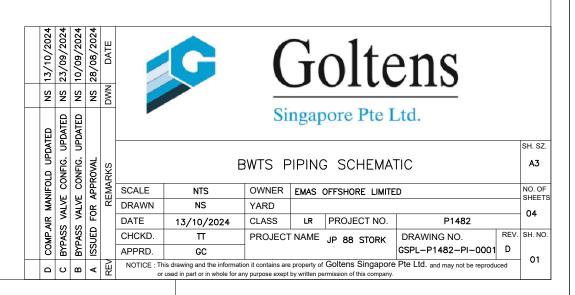
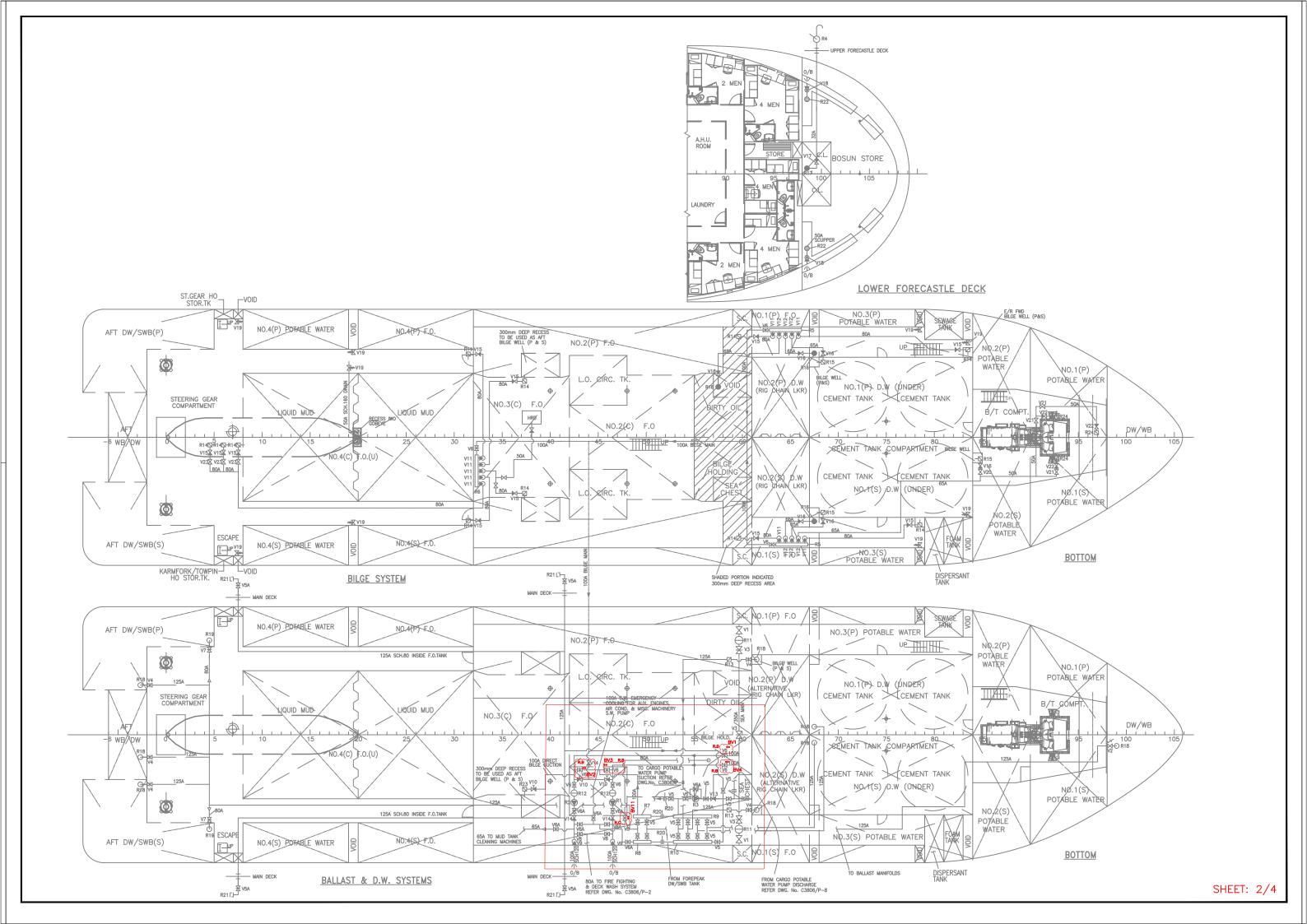
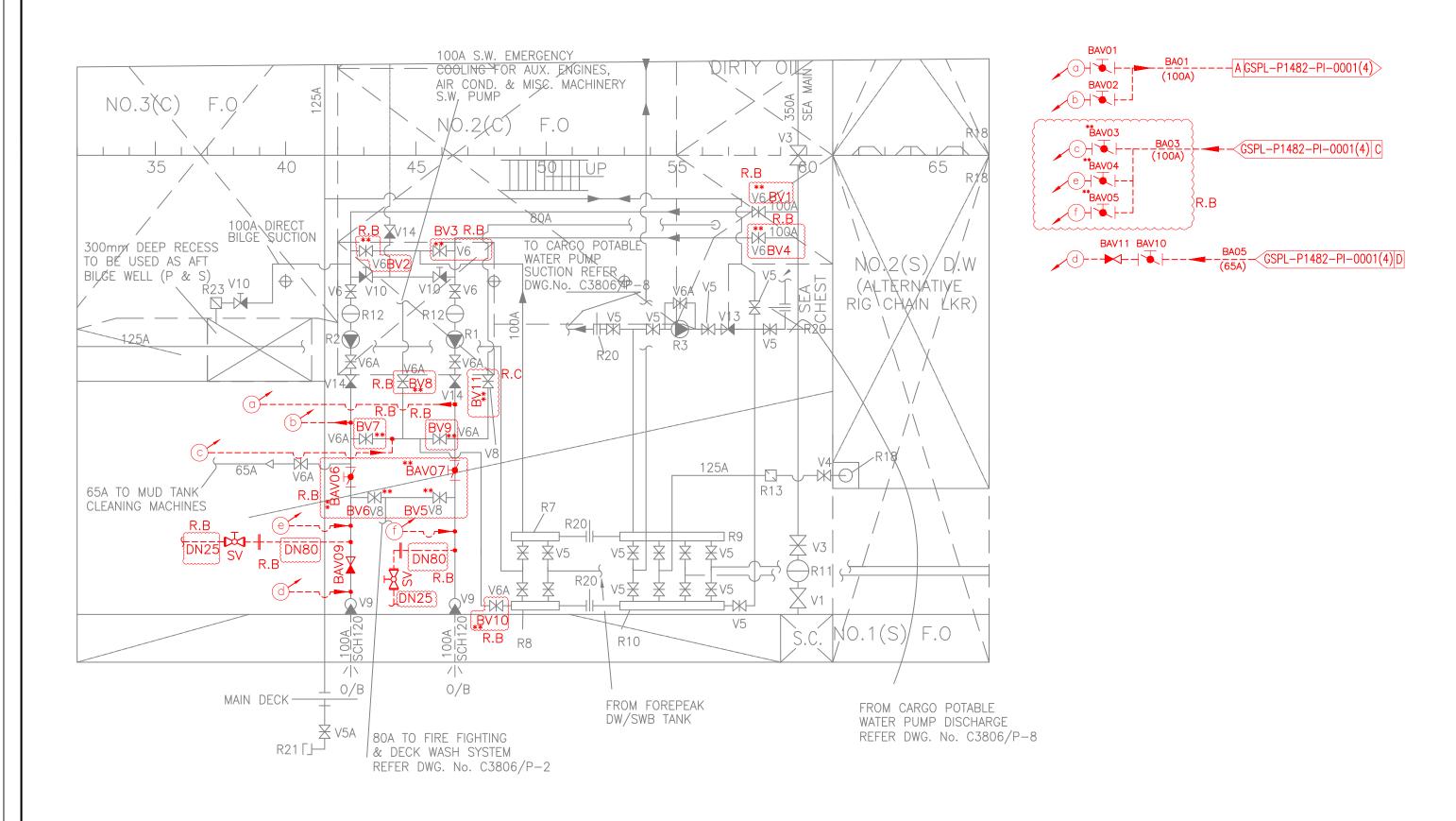
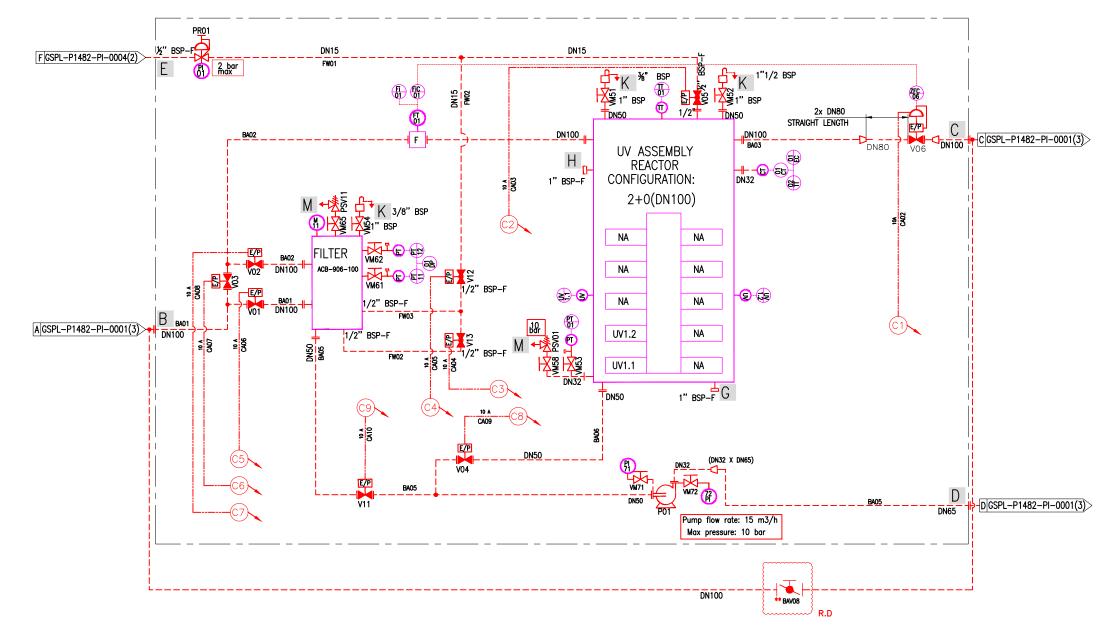
EQUIPMENT/PUMP DETAILS																				
ITEM	TYP	TYPE		CAPACITY		LOCATI	ON							_						
							REFERENCE DRAWING/DOCUMENT													
BILGE/BALLAST	CENTRIFUGAL		60m³/hr		6	ENGINE	į	DRAWI	Rev.	DRAWING TITLE										
/FIRE PUMP		PUMP		,				GSPL-P1482-P	₹ B	SANITARY & F.W SERVICE SYSTEM PIPING SCHEMATIC										
BILGE/G.S/FIRE PUMP	CENTRIFUGAL PUMP		60m³/hr		6	ROOM					COMPRESSED AIR SYSTEM			_						
BWTS SYSTEM	UV TREA	TMENT	60m³/hr –			GSPL-P1482-P	I-0003	B R.D	(CONTROL AIR) PIPING											
	DESIGN CONDITION			TESTIN				PIPE	FITTINGS/FLANGE					VA	VALVE					
SYSTEM	PRESSURE	TEMP. (°C)	CLASS	MEDIUM	PRESS			MATERIAL & SCHEDULE	MATERIAL (FITTINGS)	MATERIAL (FLANGES)	FLANGE RATING	GASKET	COATING	MATERIAL		REMARKS				
	(bar)			WILDION	¹ (ba									BODY	TRIM					
BWTS	6	АМВ			9	300A	00A	UC 07454	JIS B2312 PG370	JIS B2220 SF440	JIS 10K /PN10	NON ASBESTOS	HOT-DIP OS GALVANIZED	IRON				ITEM	LIST	
							TΛ	JIS G3454 STPG370,Sch40							AL. BRONZE BRONZE		No.	ITEM	ITEM NO.	REMARKS
							00A T0	JIS G3454 STPG370,Sch40	JIS B2312 PG370	JIS B2220 SF440	JIS 10K/						1	PIPE	BA01-BA06	
			III	WATER		250A 50A TO 150A	AUC	311 0370,361110	1 0070	2312 JIS B2220	PN10	NON	HOT-DIP GALVANIZED				2	VALVE	BAV01-BAV11 CAV01-CAV11	.
							50A	JIS G3454 STPG370,Sch40	JIS B2312 PG370		JIS 10K/						3	SAMPLING DEVICE	SV	
								15A TO 40A	TO	311 3370,301110	F63/U	SF440 {	PN10	YORE2102		BRONZE			4	FLOW METER

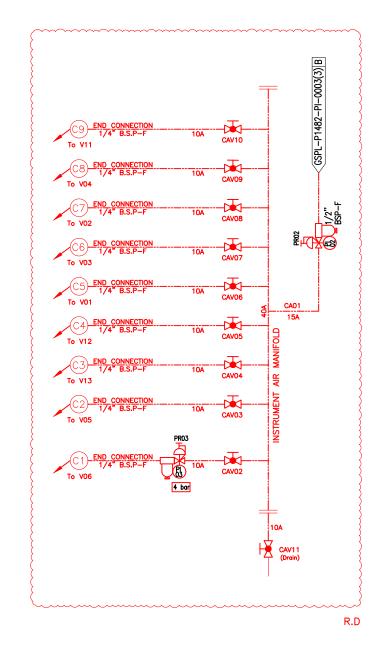
Symbol	Name		NOTES						
	BWTS Line		VALVE ACTUATION MEANS IS PROVIDED VIA INSTRUMENT AIR						
	BWTS Control & Auxiliary Air Line		QUALITY AND PRESSURE OF COMPRESSED AIR SHALL MEET BWTS MAKER STANDARDS						
	Pressure reducing valve		VALVES MARKED WITH ** SYMBOL TO BE MONITORED DURING BWTS OPERATION.						
E/P	Electropneumatic ball valve	4	VALVE BAVO8 ACT AS BYPASS VALVE FOR THE BWTS.						
E/P	Electropneumatic butterfly valve		THE SPILLAGE LINE SUITABLY ROUTED TO NEAR BILGE WELL/SCUPPER						
丛	Manual valve		REFER BIOSEA BWTS (OMSM)						
	Electropneumatic control valve								
<b>←</b>	Pressure safety valve								
4	Vent								
Q	Sensor								
€T)  F	Flowmeter								
	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" 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	т	Temperature transmitter
Fi	Flow information	UV	UV irradiance
FiC	Flow control	٧	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)		