

LAMPIRAN



Lampiran 1: Ship particular

Call Sign: POUV, IATO NO. 9537946, AMIS/ No. 525003213

WINTERMAR
WINTERMAR OFFSHORE MARINE GROUP

WINPOSH RESOLVE



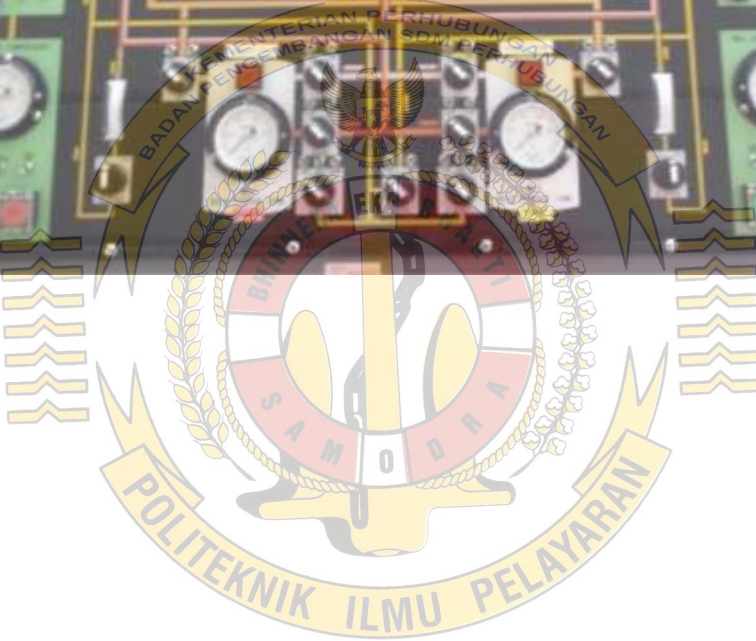
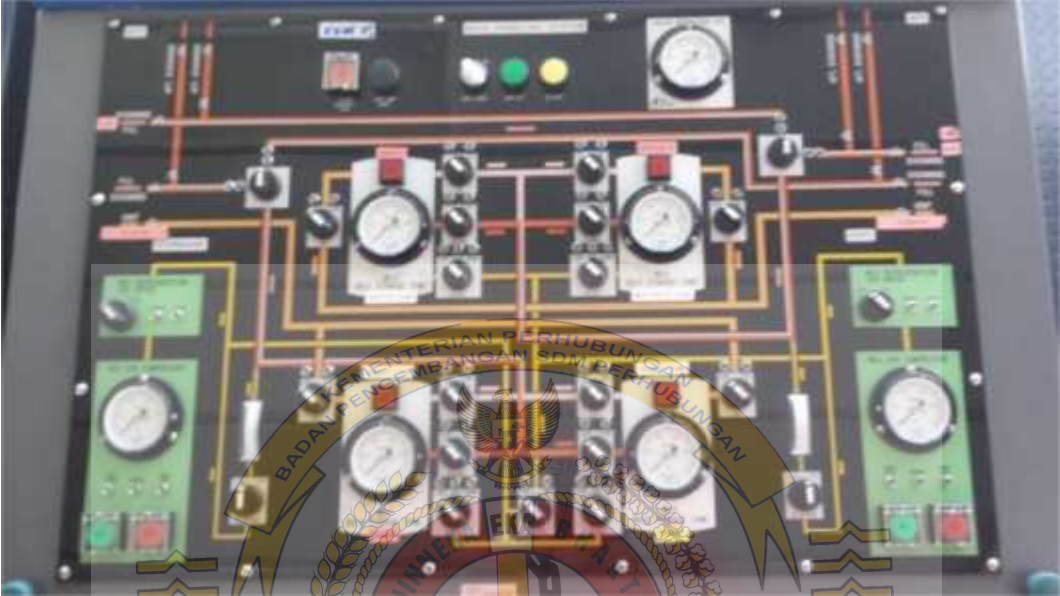
8,000 BHP / 100 TBP / DP2 / AHTS - Call Sign: POUV

General Particulars	Particulars	Machinery & Equipment
Flag	Indonesia	Main Engine
Port Of Register	Jakarta	Generators
Year Built	2012	Propellers
Place Built	PaoOuan Engineering Works Co., Ltd	Shaft Thrusters
Length Overall	73.50 m	Deck Crane
Length B.P.	61.20 m	
Beam Overall	10.60 m	
Depth Molded	7.20 m	
Design Draft	4.50 m	
Scantling Draft	5.50 m	
IMO No.	9537946	
Official No.	726	
Classification	ABS + AHTS Offshore Support Vessel, Towing Service, FR 1, +AMS + DPS 2 + ACCU 20000 AH	
Capacity	<ul style="list-style-type: none"> Gross Tonnage 250 tons Net Tonnage 175 tons Deadweight 187 tons @ 4.5m draft 24.5 tons @ 8m draft 	
Fuel Tank	150 m ³	
Potable Water	54 m ³	
Balast/Drill Water	150 m ³	
Mud Tank	440 m ³	
Bone	312 m ³	
Dry Bulk	250 m ³ in 4 tanks	
Foam	10 m ³	
Dispenser	13 m ³	
Deck Cargo Area	ast 450m ²	
Deck Cargo	900 tons	
Cargo Deck Load	10T/m ² for area ast 100m ²	
Reefer Points	4 (2x440v, 2x220v)	
Speed	~ 13knts	
Quality of Fuel	MDO	
Drill Pumps/Systems	<ul style="list-style-type: none"> Drill Water Pump 1 x 150 m³/hr @ 75m head Fresh Water Pump 1 x 150 m³/hr @ 75m head Fuel Pump 1 x 150 m³/hr @ 70m head Brine Pump 1 x 100 m³/hr @ 204m head Liquid mud Pump 1 x 100 m³/hr @ 204m head 	
Loading Computer	Bridge control	
Flow Meter	1 for FO with printer output, total 5 flow meter for bone, mud, drill-water and FW system	
Deck Crane	250 m ³ in 4 tanks	
Working pressure	5 bar, Refrigeration Air Dryer units	
Accommodation	<ul style="list-style-type: none"> Officer/Crew 18 Berth Total 40 Cabins Total 20 Hospital 1 Air conditional throughout 	
		<ul style="list-style-type: none"> MAN B&W RT27FA Total output 2 x 3070KW @ 8000-RPM 4 1200KW shaft generators, Lundy Sormer @ 140V 3Ph 60Hz 4 425KW diesel alternators, S&P @ 440V 3Ph 60Hz 1 x 127kW emergency diesel generator, Volvo Penta @ 440V 3Ph 60Hz 2 x 30kW DP propellers in fixed nozzles, 2 independent high lift type rudders 2 x 450kW fixed pitch 78KN TQ thrusters 1 x 400kW DP fixed 78KN TQ thruster 5T KvaKva KvaKva @ 10m radius mounted on side side aft of vessel
		Deck Anchoring & Towing Equipment <ul style="list-style-type: none"> TowAH Winch 1 x double drum, self-align, low pressure, label P&H 200T break @ 5000 SCOT Wire holding capacity @ 400 tons Win Drum 2 x 1500m each @ 17mm dia wire Storage Drum 1 x 5.5T @ 0-300mm @ 1600-164mm dia rope Tugger Winch 2 x 10T each @ 17mm dia wire Shack Jaw 1 x Tappin H100, SWL 200 tons Tow Pin 1 x Tappin S115, SWL 115 tons Capstain 2 x 5T each @ 5-15mm dia Shack Pulley 1 x 300 tons SWL, brk @ 200 tons Capstain Hook 1 x 110 tons J Hook 1 x 110 tons Wicket/Hook Chain 2 sets, size 70mm Chain Backstop 2 @ 80m²
		Towing LASH Wire <ul style="list-style-type: none"> Main Tow Wire 1500m x 50mm dia AH Wire 350m x 54mm dia Reefer Wire 1 x 150m x 48mm dia Span Tow Wire 1 x 60m x 54mm dia 1500m x 55mm dia
		Mooring Equipment <ul style="list-style-type: none"> Windlass 10T @ 50mm for chain cables Anchors 2 x AC-14 Shockline anchors each 2140kg Chocks 350m x 40mm dia Shack Pul 50W 23 T & 47 T
		SWA WORK CONTROLS <ul style="list-style-type: none"> Converteam ADI 2 system
		Pressure Vessel & Piping Control <ul style="list-style-type: none"> FR 1, Dispenser, 100MPH @ 75 MPa
		Navigation & Communication Equipment <ul style="list-style-type: none"> Iridium 1B 121es VHF portable Inmarsat C Navtex Autopilot Radar ARPA Surface plotting GPS Gyre Echo Sounder AIS Transponder Speed Log GMDSS Radio Magnetic Compass SAURA Keiki Sesakusho
		<ul style="list-style-type: none"> Furuno FS-2570 Furuno 2 x FM5000S McMurdo R2 Furuno PELCOM 15 SSAS Furuno NX-700B SIMRAD AP50 Furuno FAR 2117 / FR1510.3 Yes Furuno GP-150 SIMRAD GC 60 Furuno FE 700 Furuno FA 150 Furuno CS-80 3 Pro. M; Murdo R2

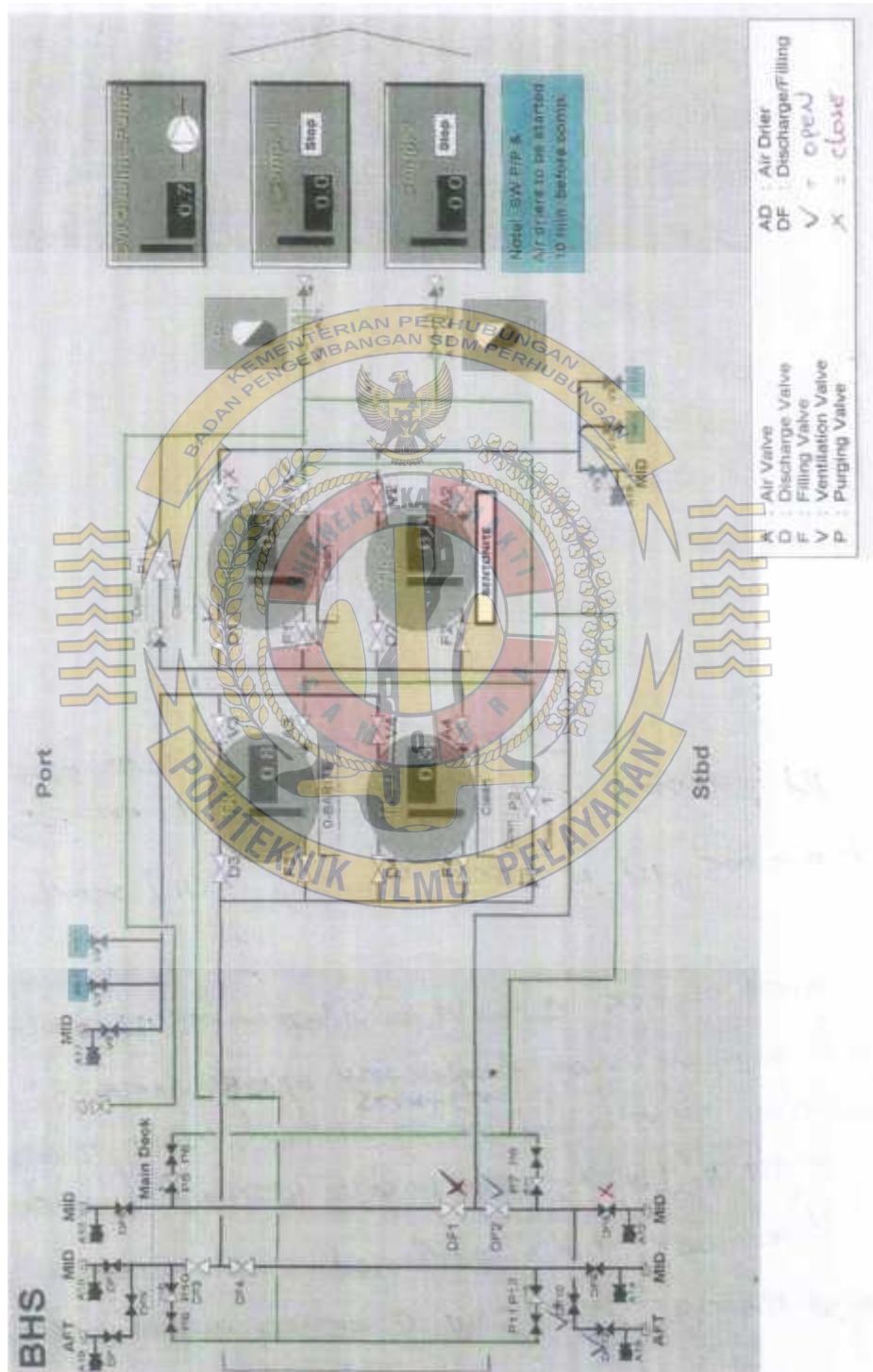


Particulars given herein are believed to be correct but not guaranteed. Owners reserve the rights to amend specifications without notification.

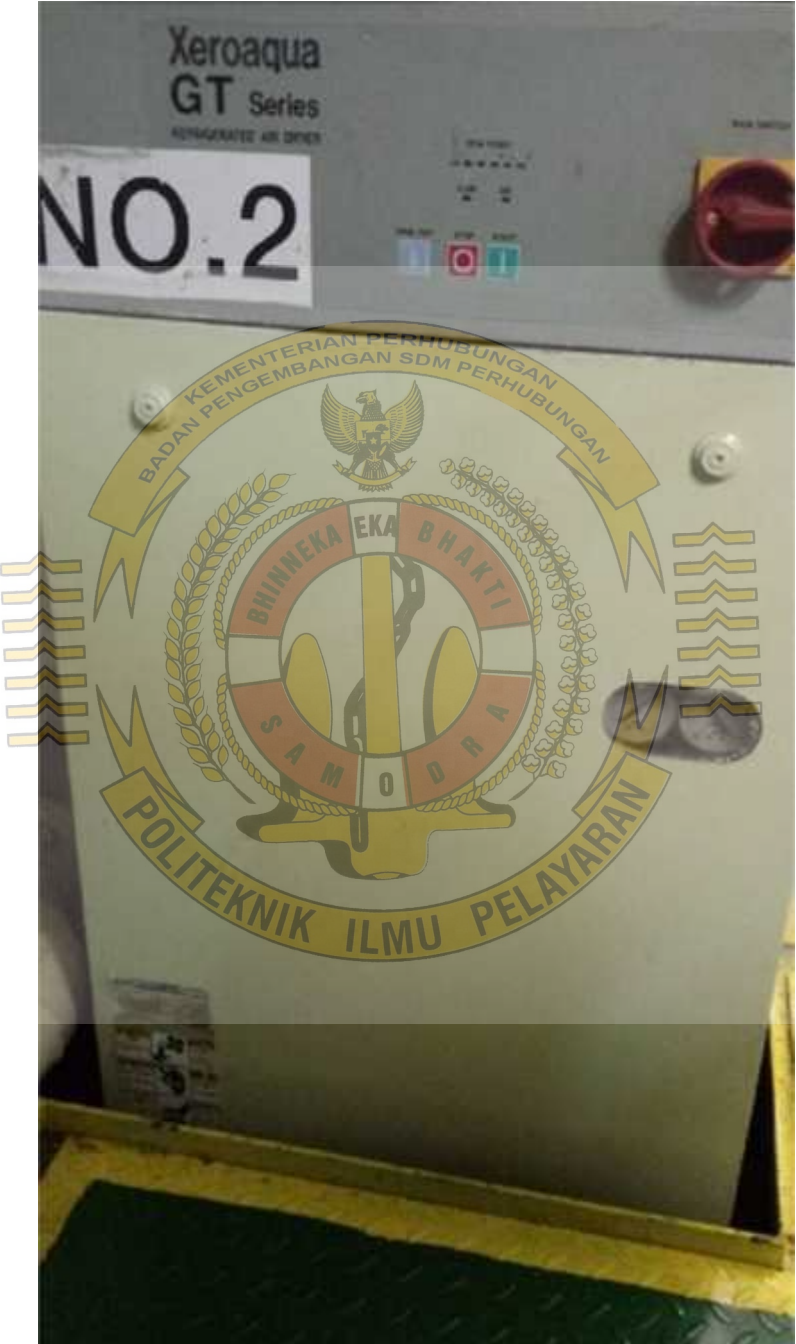
Lampiran 2: Bentonite loading and discharge line



Lampiran 3: Bentonite drawing line



Lampiran 4: Dryer



Lampiran 5: Compressor unit



Lampiran 6: Compressor panel



Lampiran 7: Bentonite tank



Lampiran 8: Pneumatic valve



Lampiran 9: Canvas slide



Lampiran 10: Pressure gauge tank



Lampiran 11: Pipa buntu/ tersumbat bentonite



Lampiran 12: Butterfly valve yang rusak

