

## POSH GANNET



**4,100 DWT/ Platform Supply Vessel (PSV)/ DP 2 Call sign: HP6216**

**Class Notation** ABS +A1(E) Offshore Support Vessel, Oil Recovery Capability Class I, Safety Standby Service Gr. B-(145), Fire Fighting Class 1, SPS+AMS +DPS-2

### Principal Particulars

Flag	Panama
Year Built	2013
Place Built	Jingjiang Nanyang Shipyard, China
Design Draft	6.00 m
Max Draft	6.20 m
Gross Tonnage	3,553.0 T
Net Tonnage	1,066.0 T
Deadweight (Max Draught)	4,156.0 T @ 6.20 m
Displacement	6,761.0 T
IMO No.	9671979
Design	POET 1514

### Dimensions

Length Overall	78.00 m
Beam Overall	18.60 m
Depth Moulded	07.80 m

### Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

\* Subject to actual weather and operating conditions

### Cargo Deck

Deck Cargo Area	770.0 m <sup>2</sup>
Deck Cargo Dimension	50.0 m x 15.0 m
Deck Cargo Capacity	1,200.0 T
Deck Strength	7.5 T/m <sup>2</sup>
Reefer Points	4 (2 x 440v , 2 x 220v)

### Total Capacities

Fuel Tank	1,117.0 m <sup>3</sup>
Fresh Water	512.2 m <sup>3</sup>
Drill Water *	2,542.7 m <sup>3</sup>
Ballast Water *	2,542.7 m <sup>3</sup>
Mud Tank *	720.9 m <sup>3</sup>
Brine Tank *	892.0 m <sup>3</sup>
Dry Bulk Tank	250.0 m <sup>3</sup>

\* Indicates tanks with shared capacity

### Discharging Rates

Drill Water/Pump	1 x 100 m <sup>3</sup> /hr@80 m head
Fresh Water/Pump	1 x 100 m <sup>3</sup> /hr@80 m head
Fuel/Pump	1 x 100 m <sup>3</sup> /hr@80 m head
Brine/Pump	1 x 75 m <sup>3</sup> /hr@20 m head
Liquid mud/Pump	1 x 75 m <sup>3</sup> /hr@20 m head
Dry Bulk Tank	1 x 75 m <sup>3</sup> /hr@20 m head

### Accommodation

1 – Berth Cabins	6
2 – Berth Cabins	6
4 – Berth Cabins	8
Total (POB)	50

### Machinery & Equipment

Main Engine	Niigata 2 x 3,000 BHP
Diesel Generators	Caterpillar 4 x 640 kW (440V/3/60Hz)
Emergency Generator	Volvo 1 x 99 kW (440V/3/60Hz)

### Thruster & Propulsion

Azimuth Thruster/Propellers	Niigata 2 x ZP-41A, Driven by main engine, Z drive
Bow Thruster	Kawasaki 2 x 680 kW

### Deck Crane

Fixed Crane	SWL 5.0 T @ 12.0m radius
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### Mooring Equipment

Anchors	2 x SPEK Type Anchor; 2,850 kg each
Anchor Windlass	1 x 13.0 T each @ 0-12 m/min
Tugger Winch	Jebsen & Jessen 2 x 10.0 T each @ 12 m/min
Capstans	2 x 8.0 T each @ 0-12 m/min

### Dynamic Positioning System

DP Class	DP 2 System Kongsberg Independent Joystick System
References	2 x DGPS + 1 x Cyscan system

### Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,900 m <sup>3</sup> /hr
FiFi Monitors	1 x 1200 m <sup>3</sup> /hr
Spray Booms	2 x 6.0 m/Fixed Nozzle
Dispersant Capacity	39.2 m <sup>3</sup>
Foam Capacity	39.2 m <sup>3</sup>
Rescue Boat	2 x 15 man/rigid/124 hp
Life rafts	6 x 25 man
Life Buoys	12
Life Jackets	34

## CARGO CAPACITY PLAN

Mud/Brine/R.O	
Compartment	Volume 100% m <sup>3</sup>
NO.1 MUD/BRINE/R.O/NO.5 W.B/D.W (P)	119.701
NO.1 MUD/BRINE/R.O/NO.5 W.B/D.W (S)	119.701
NO.2 MUD/BRINE/R.O/NO.6 W.B/D.W (P)	88.109
NO.2 MUD/BRINE/R.O/NO.6 W.B/D.W (S)	88.109
NO.3 MUD/BRINE/R.O/NO.7 W.B/D.W (P)	64.55
NO.3 MUD/BRINE/R.O/NO.7 W.B/D.W (S)	64.55
NO.4 MUD/BRINE/R.O/NO.8 W.B/D.W (P)	88.109
NO.4 MUD/BRINE/R.O/NO.8 W.B/D.W (S)	88.109
<b>SUM</b>	<b>720.938</b>

Fresh Water Tanks (S.G. = 1.000t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
NO.1 POTABLE WATER (P)	79.823
NO.1 POTABLE WATER (S)	77.19
NO.2 POTABLE WATER (P)	129.23
NO.2 POTABLE WATER (S)	63.7
NO.3 POTABLE WATER (P)	97.3
NO.3 POTABLE WATER (S)	64.978
<b>SUM</b>	<b>512.221</b>

Fuel Oil Tank (S.G. = 0.9t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
NO.1 F.O T (P)	52.885
NO.1 F.O T (S)	48.892
NO.3 F.O T	96.117
NO.4 F.O T (P)	78.158
NO.4 F.O T (S)	78.158
NO.5 F.O T	132.119
F.O.D TANK (P)	17.755
F.O.D TANK (S)	17.755
<b>SUM</b>	<b>521.839</b>

Cargo Oil Tank (S.G. = 0.9t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
NO.2 C.F.O T (P)	295.19
NO.2 C.F.O T (S)	300.94
<b>SUM</b>	<b>596.13</b>

Dedicated Brine	
Compartment	Volume 100% m <sup>3</sup>
DEDICATED BRINE	172.725
<b>SUM</b>	<b>172.725</b>

Methanol (S.G. = 0.7918t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
METHANOL (P)	144.59
METHANOL (S)	147.22
<b>SUM</b>	<b>291.81</b>

Base Oil	
Compartment	Volume 100% m <sup>3</sup>
BASE OIL (P)	57.099
BASE OIL (S)	160.421
<b>SUM</b>	<b>217.52</b>

Water Ballast / Drill Water Tanks (S.G. = 1.025t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
FORE PEAK TANK NO.1 W.B/D.W	235.8
NO.2 W.B/D.W (P)	20.578
NO.2 W.B/D.W (S)	17.715
NO.3 W.B/D.W (P)	77.32
NO.3 W.B/D.W (S)	77.32
NO.3 W.B/D.W (DBP)	43.253
NO.3 W.B/D.W (DBS)	43.253
NO.4 W.B/D.W (P)	97.89
NO.4 W.B/D.W (S)	99.97
NO.9 W.B/D.W (P)	168.667
NO.9 W.B/D.W (S)	168.667
NO.10 W.B/D.W (P)	58.212
NO.10 W.B/D.W (S)	58.212
NO.11 W.B/D.W	81.023
NO.12 W.B/D.W (DB)	256.01
NO.13 W.B/D.W (P)	54.635
NO.13 W.B/D.W (S)	54.635
NO.14 W.B/D.W (P)	99.22
NO.14 W.B/D.W (S)	109.45
NO.1 MUD/BRINE/R.O/NO.5 W.B/D.W (P)	119.701
NO.1 MUD/BRINE/R.O/NO.5 W.B/D.W (S)	119.701
NO.2 MUD/BRINE/R.O/NO.6 W.B/D.W (P)	88.109
NO.2 MUD/BRINE/R.O/NO.6 W.B/D.W (S)	88.109
NO.3 MUD/BRINE/R.O/NO.7 W.B/D.W (P)	64.55
NO.3 MUD/BRINE/R.O/NO.7 W.B/D.W (S)	64.55
NO.4 MUD/BRINE/R.O/NO.8 W.B/D.W (P)	88.109
NO.4 MUD/BRINE/R.O/NO.8 W.B/D.W (S)	88.109
<b>SUM</b>	<b>2542.768</b>

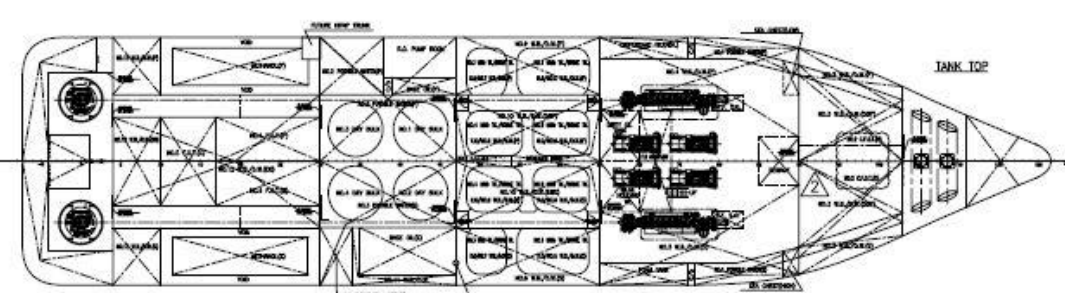
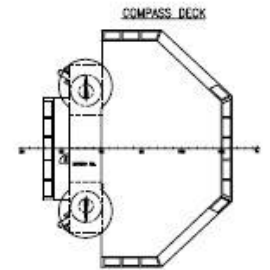
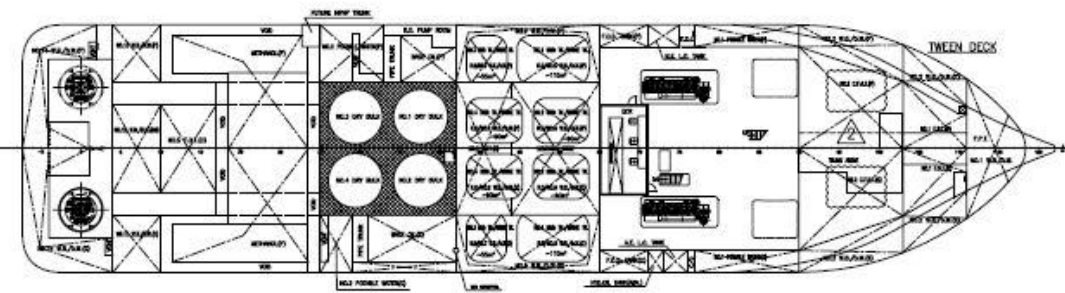
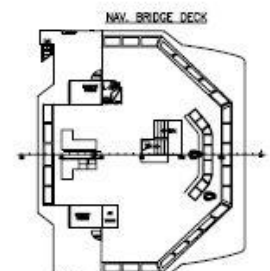
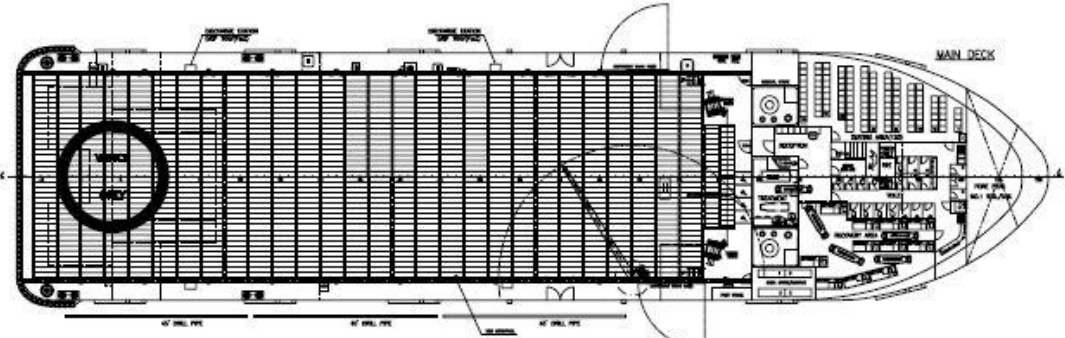
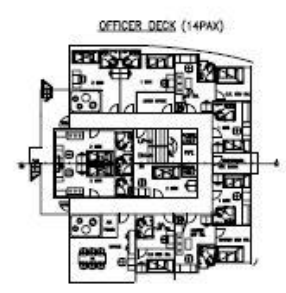
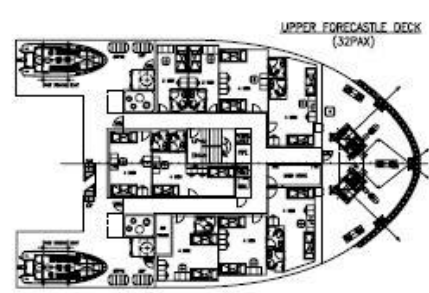
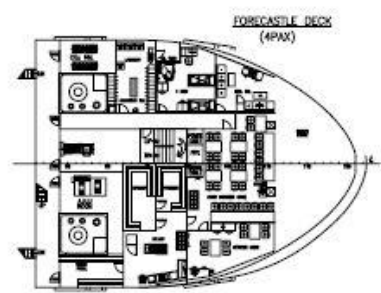
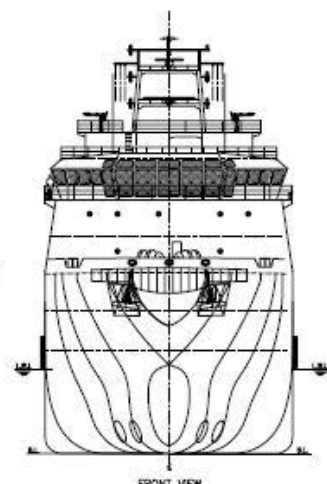
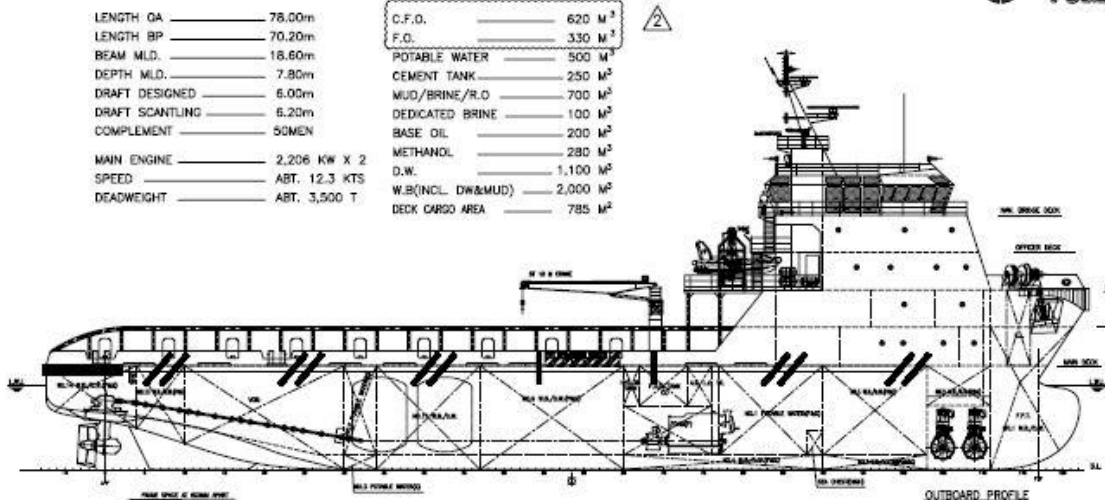
Cargo Oil Tank (S.G. = 0.9t/m <sup>3</sup> )	
Compartment	Volume 100% m <sup>3</sup>
NO.1 DRY BULK	62.5
NO.2 DRY BULK	62.5
NO.3 DRY BULK	62.5
NO.4 DRY BULK	62.5
<b>SUM</b>	<b>250</b>

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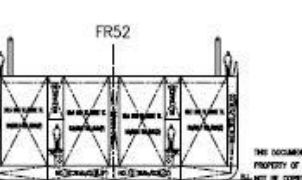
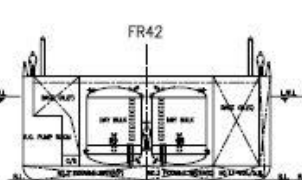
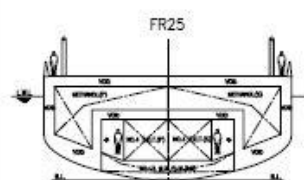
## PRINCIPAL PARTICULARS

LENGTH OA	78.00m
LENGTH BP	70.20m
BEAM MLD.	18.60m
DEPTH MLD.	7.80m
DRAFT DESIGNED	6.00m
DRAFT SCANTLING	6.20m
COMPLEMENT	50MEN
MAIN ENGINE	2,206 KW X 2
SPEED	ABT. 12.3 KTS
DEADWEIGHT	ABT. 3,500 T

C.F.O.	620 M <sup>3</sup>
F.O.	330 M <sup>3</sup>
POTABLE WATER	500 M <sup>3</sup>
CEMENT TANK	250 M <sup>3</sup>
MUD/BRINE/R.O.	700 M <sup>3</sup>
DEDICATED BRINE	100 M <sup>3</sup>
BASE OIL	200 M <sup>3</sup>
METHANOL	280 M <sup>3</sup>
D.W.	1,100 M <sup>3</sup>
W.B.(INCL. DW&MUD)	2,000 M <sup>3</sup>
DECK CARGO AREA	785 M <sup>2</sup>



ISSUED FOR APPROVAL



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CLASS ABS #410 OFFSHORE SUPPORT VESSEL, OR RECOVERY ORANARY CLASS 1, SAFETY SENIOR SERVICE OR 0-1145, THE TOWING VESSEL CLASS 1, # ABS # SPS-2		
2	AMENDED AS PER OWNER COMMENTS	L.I. JUL-9-2012
1	AMENDED AS PER OWNER COMMENTS	F.R.F. FEB-21-2012
0	ISSUED FOR APPROVAL	ZF SEP-13-2011
REV. NO.	REVISION DESCRIPTION	BY DATE
OWNER: ADARA LIMITED		
BUILDER: POET SHIPBUILDING & ENGINEERING PTE LTD HULL NO.: POET 1513/1514		
PROJECT: 78M PLATFORM SUPPLY/OIL RECOVERY /SAFETY STANBY VESSEL "FOCAL 522"		
APPROVE:	ENG TITLE:	JOB NO.: P-1510
CHECKER:		ENG NO.: P-1510-021
DRAWER:		SCALE: 1:1000(N1)
		CLASS: ABS

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