



3636.22t DWT/Well Stimulation Vessel (PSV)/ DP 2

Call sign: J8B6114

Class Notation

ABS +A1, Fire Fighting Vessel Class 1, Offshore Support Vessel (WS) Well Stimulation Vessel, (E), +AMS, +DPS-2, CRC, RW, UWLD

## Principal Particular

Flag	Saint Vincent & The Grenadines
Year built	2013
Place built	Jingjiang Nanyang Shipbuilding Co. Ltd China
Design Draft	6.00 m
Max draft	6.20 m
Gross Tonnage	3553 T
Net Tonnage	1066 T
LIGHT SHIP	3173.78 T
Deadweight	3587.22 T @ 6.20 m
Displacement	6761 T
IMO No	9671967
Design Draft	POET 1513

## Dimensions

Length Overall	78.00 m
Beam Overall	18.60 m

## Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts
*Subject to actual weather and operating conditions	

## Deck Cargo (OCCUPIED FOR WELL STIMULATION EQUIPMENT)

Deck Area	770.0 m <sup>2</sup>
Deck Dimension	50.0 m X 15.0 m
Deck Capacity	1,200.0 T
Deck Strength	7.5 T/m <sup>2</sup>
Reefer Point	6 (4 x 440V . 2 x 220V)

## Total capacities

Fuel Tank	1,117.9 m <sup>3</sup>
Fresh Water	512.2 m <sup>3</sup>
Drill Water	2,542.7 m <sup>3</sup> (Share with ballast water)
Chemical Tank	45,38 m <sup>3</sup>
Dry Bulk Tank	250.0 m <sup>3</sup> (in 4 tanks)
*Indicates tanks with shared capacity	

## Machinery & Equipment

Main Engine	Nigata 8L28HX, 2 x 2,206 kW
Diesel Generator	Caterpillar 4 x 640 kW, 440V/3/60Hz
Emergency Generator	Volvo D7A-T, 1 x 99kW, 440V/3/60Hz

## Thruster & Propulsion

Azimuth Thruster	Nigata ZP-41A, 2 x 2,206 kW
Bow Thruster	Kawasaki KT-88B3, 2 x 640 kW (2 x 9.6 T)

## Deck Crane

Fixed Pedestal Crane	SWL 5.0 T @ 12.0 m radius
Telescopic Crane	SWL 13.0 T @ 8.0 m and 3,25T @ 24 m radius

## Mooring Equipment

Anchors	2 x AC-14 HHP Anchor, 2,640 kg each
Windlass	2 x 10.0 T each @ 0-9 m/min
Capstan	2 x 5.0 T each @ 0-12 m/min

## Dynamic Positioning System

DP Class	DP 2 Kongsberg K-POS DP-21 + Independent Joystick
References	2 x DGPS + 1 x Cyscan system
MRU	2

## Fire Fighting and Rescue

Fire Fighting System	FiFi 1
FiFi Pump	2 x 1,900 m <sup>3</sup> /hr
FiFi Monitor	2 x 1200 m <sup>3</sup> /hr
Spray Boom	2 x 6.0 m/Fixed Nozzle
Dispersant Capacity	39.23 m <sup>3</sup>
Foam Capacity	39.23 m <sup>3</sup>
Rescue Boat	1 STB side x 15-man rigid hull waterjet FRC, 158 hp, > 8 kts
Life Raft	6 x 25 Persons
Life Buoy	16
Life Jacket	60

## Discharging Rates

Drill Water/Pump	1 x 570 m <sup>3</sup> /hr @ 80 m head
Ballast Water/Pump	1 x 570 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 570 m <sup>3</sup> /hr @ 80 m head
Dry Bulk Tank	1 x 35 m <sup>3</sup> /hr

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

## CARGO CAPACITY PLAN

### ACID TANKS

Compartments	Volume 100 %
Acid Tank No.1	42.8 m3
Acid Tank No.2	42.8 m3
Acid Tank No.3	42.8 m3
Acid Tank No.4	51.1 m3
Acid Tank No.5	51.1 m3
Acid Tank No.6	51.1 m3
Acid Tank No.7	51.1 m3
Acid Tank No.8	42.8 m3
Acid Tank No.9	42.8 m3
Acid Tank No.10	42.8 m3
Acid Tank No.11	65.3 m3
Acid Tank No.12	70.0 m3
Acid Tank No.13	47.3 m3
Acid Tank No.14	47.3 m3
<b>Total</b>	<b>691.1 m3</b>

### FRESH WATER TANKS (S.G - 1.000 T/M<sup>3</sup>)

Compartments	Volume 100 %
NO.1 POTABLE WATER (P)	79.823 m <sup>3</sup>
NO.1 POTABLE WATER (S)	77.19 m <sup>3</sup>
NO.2 POTABLE WATER (P)	129.23 m <sup>3</sup>
NO.2 POTABLE WATER (S)	63.7 m <sup>3</sup>
NO.3 POTABLE WATER (P)	97.3 m <sup>3</sup>
NO.3 POTABLE WATER (S)	64.978 m <sup>3</sup>
<b>TOTAL</b>	<b>512.221 m<sup>3</sup></b>

### FUEL OIL TANKS

COMPARTMENTS	Volume 100 %
F.O.OVERFLOW TANK	19.8 m3
F.O.D TANK (P)	17.7 m3
F.O.D TANK (S)	17.7 m3
NO.1 F.O T (P)	52.9 m3
NO.1 F.O T (S)	52.3 m3
NO.4 F.O T (P)	78.1 m3
NO.4 F.O T (S)	78.1 m3
NO.5 F.O T	132.8 m3
NO.6 F.O T (S)	160.5 m3
<b>TOTAL</b>	<b>530.8 m3</b>

### Accommodation

1 - Berth Cabins	6
2 - Berth Cabins	6
4 - Berth Cabins	8
<b>Total (POB)</b>	<b>50</b>

### DRILL WATER TANKS

Compartments	Volume 100 %
FOREPEAK TANK NO.1 W.E	235.8m3
NO.2 W.B/D.W (P)	20.1m3
NO.2 W.B/D.W (S)	17.7 m3
NO.3 W.B/D.W (P)	77.3 m3
NO.3 W.B/D.W (S)	77.3 m3
NO.3 W.B/D.W (DBP)	43.4 m3
NO.3 W.B/D.W (DBS)	43.4 m3
NO.4 W.B/D.W (P)	97.9 m3
NO.4 W.B/D.W (S)	100.0 m3
NO.9 W.B/D.W (P)	45.9 m3
NO.9 W.B/D.W (S)	45.9 m3
NO.10 W.B/D.W (P)	58.5 m3
NO.10 W.B/D.W (S)	58.5 m3
NO.11 W.B/D.W	81.5 m3
NO.12 W.B/D.W (DB)	256.0 m3
NO.13 W.B/D.W (P)	55.1 m3
NO.13 W.B/D.W (S)	55.1 m3
NO.14 W.B/D.W (P)	98.6 m3
NO.14 W.B/D.W (S)	108.4 m3
<b>TOTAL</b>	<b>1576.5 m3</b>

### DRY BULK TANK

Compartments	Volume 100 %
NO.1 DRY BULK TANK	62.5 m3
NO.2 DRY BULK TANK	62.5 m3
NO.3 DRY BULK TANK	62.5 m3
NO.4 DRY BULK TANK	62.5 m3

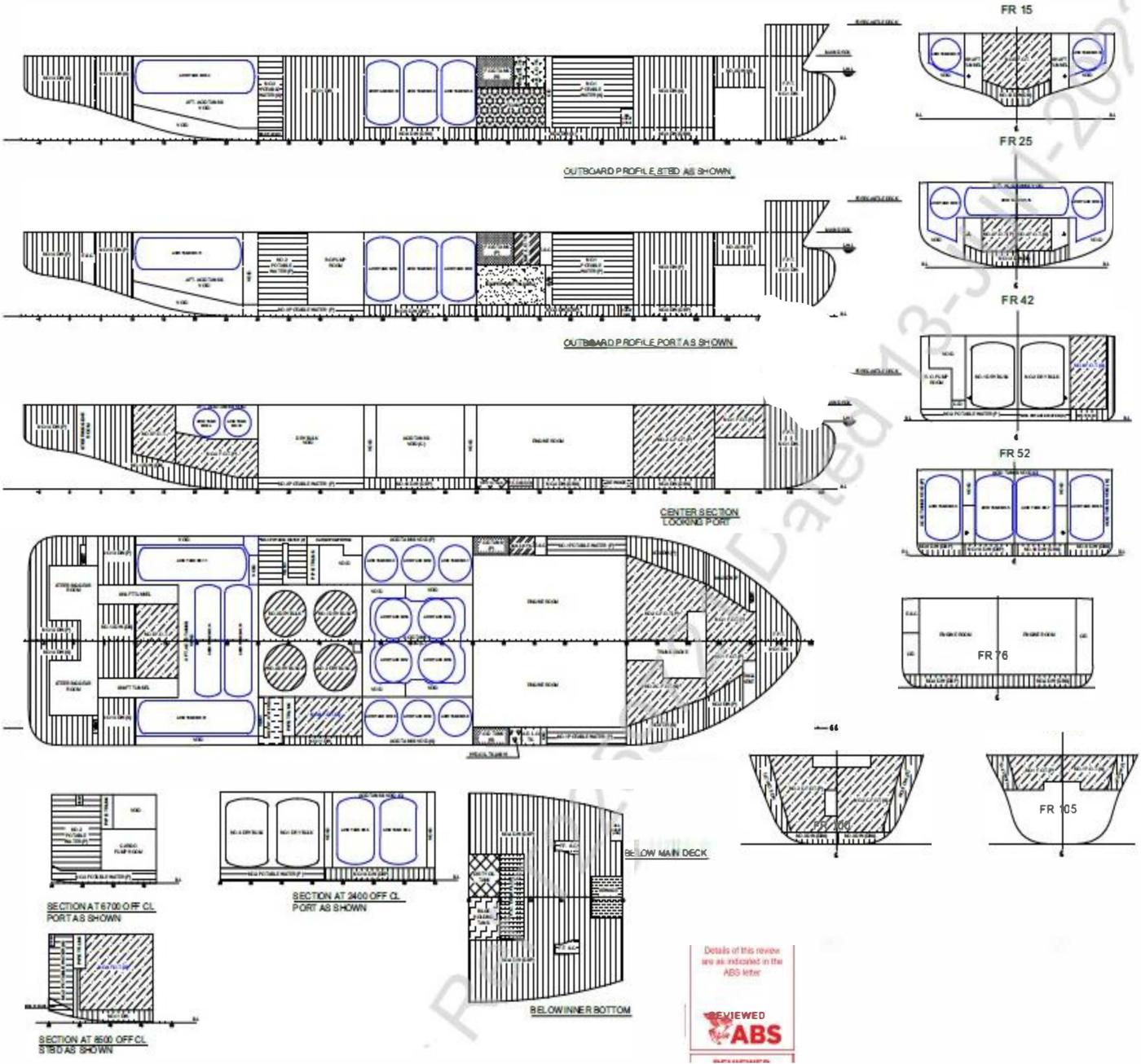
### CARGO OIL TANKS (S.G = 0.9T/M<sup>3</sup>)

COMPARTMENTS	VOLUME
NO.2 C.F.O T (P)	295.16 m <sup>3</sup>
NO.2 C.F.O T (S)	300.98 m <sup>3</sup>
<b>Total</b>	<b>596.13 m<sup>3</sup></b>

### CHEMICAL TANK

CHEMICAL TANK -A1	7.571 m <sup>3</sup>
CHEMICAL TANK -A1	7.571 m <sup>3</sup>
CHEMICAL TANK -B1	3.78 m <sup>3</sup>
CHEMICAL TANK -B2	3.78 m <sup>3</sup>
CHEMICAL TANK -B3	3.78 m <sup>3</sup>
CHEMICAL TANK -B4	3.78 m <sup>3</sup>
CHEMICAL TANK -B5	3.78 m <sup>3</sup>
CHEMICAL TANK -B6	3.78 m <sup>3</sup>
CHEMICAL TANK -B7	3.78 m <sup>3</sup>
CHEMICAL TANK -B8	3.78 m <sup>3</sup>
<b>TOTAL</b>	<b>45.382 m<sup>3</sup></b>

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



Details of this revise  
 are as indicated in the  
 ABS letter

**REVIEWED**  
**ABS**