

VESSEL'S PARTICULARS – M/V PUNTO 1

Vessel name	M/V PUNTO 1
Former names	West Pelikan, Atlantic Grip, Edda Grip, Punta Scario
Date and place of built	1976, Storviks Mek. Verksted, M/8 Edda Grip, BYGG NR. 70, A/S, Kristiansand, Norway
Last Dry-dock Date	18/10/2007 Afloat, moored alongside on Port side Fore m 4,00 Astern m 4,50
Type of vessel	Anchor Handling Tug Supply (AHTS)
Class	RINA 100 – A - 1.1 – Nav IL
Class ID-no.	RI 68042
Class Notations	Re – Ap – Rec Oil
Ice class	N.A.
Trading limitations	None
GMDSS area	A1 + A2 + A3
Flag	Panama
Port of Registry	Panama
IMO no.	7402489
Call sign	H02818
Owners	Marine Energy & Investment Nig. Ltd
Managers	Ocean Crest International Services Ltd

MAIN VESSEL DATA

Length overall	59,08 m
Moulded length	53,76 m
Moulded breath	12,35 m
Moulded depth	5,60 m
Draught	4,75 m (summer)
Deadweight	1.003 t
Light ship weight	1.077 t
Hull material	Steel
Fenders	Steel + rubber tyres
Gross Tonnage	909 t
Net Tonnage	272 t
Panama Tonnage	N.A.
Suez Tonnage	N.A.
Propulsion type	Twin screw, variable pitch propellers in fixed nozzles
Speed	11,0 Knots Service 13,5 Knots Full Speed
Bollard pull	80 t Average 92 t Maximum

Bow thruster	No.1, engine driven
Stern thruster	N.A.
Nozzles	No.2, fixed type
Rudder	No.2, spade type
Dynamic Positioning	N.A.
Rate of turn	106 m
Crewing	8 – 12

TANK CAPACITIES

	Capacity cb m	Location /coating/remarks
Service Ballast)	426,9	Fresh water
Potable water	40,0	
Fresh water	-	All potable water
Fuel	494,7	MDO
Lube oil	40,5	
Oily bilge + slop	N.A.	
Sewage/grey water	4,4	
Third parties potable water	180,0	
Third parties Industrial water	426,9	
Third parties liquid mud	200,0	
Bulk (compressed air handling)	170,0	
Rec Oil	340,0	

Tank arrangement sketches Class Body schematic arrangement drawings and liquid cargo capacity table attached.

HULL GENERALS

Compartments	Hull divided by transverse and longitudinal bulkheads as shown on attached Class Body schematic drawings (Attachment)
Double side Bulk tanks	Partial in way of engine Room No.4 self standing horizontal cylindrical tanks (no.3 longitudinal + no.1 transverse, aft)
Watertight doors	No.1 scuttle, sliding type, manual control, for steering gear room access, without open/close alarm to bridge.

MAIN DECK

Area	About 400 sq m
Strength	6 t / sq m
Deck load	600 t (declared)
Dangerous goods carriage area	About 20 sq m deck area between frames 20 and 35

MAIN DECK OUTFIT

Open stern	Yes	Sloped down cargo rails in way.
Stern door	N.A.	
Stern roller	Yes	1,65 m dia., 3,1 m long, not grooved, SWL not available, grease lubricated.
Cargo rails	Yes	strong raised pipe type, partial bulwark in way of supply stations, scuttles and capstans
External walkways	Yes	Between external bulwark and cargo rail
Deck wooden lining	Yes	Centre aft area in front of stern roller not lined
Removable cargo stanchions		Deck pockets available, stanchions missing
Hatches	No.1	Bolted type scuttle to Engine Room.
Tow pins	No.2	Pop up non rotating type, no upper closure, hydraulically operated, remotely controlled from bridge
Shark jaws	No.2	Pop up type, hydraulically operated, remotely controlled from bridge
Heavy duty A.H. pad eyes	Several	Several on deck side under cargo rails, aft ones of stronger type
Side pop pup pins	N.A.	
Gog pad eye	No.1	Centre deck, raised above wooden lining
Leading rope rollers	No.4	Aft cargo rail P + S in way of capstans
Towing guide post	Yes	In front of winch flanges
Tow wire stoppers	Yes	Above side cargo rails
Rescue stations	No.2	On deck sides ones with rolled rescue nets
Bulwark doors	N.A.	
Platform supply stations	No.2	Aft P+S 4" weco connections for bulk Connections for Rec Oil
	No.2	Centre P+S 4" weco connections for potable water, drill water and fuel
Tugger winches	No.1	Hydraulic type, manual controls, main deck S
	No.1	Hydraulic low pressure type, two side warping barrels, manual controls, forecastle deck aft, P
Tugger winch wires	Yes	Data not available
Pennant storage drums	N.A.	
Towing/Anchor Handling winch	No.1	Double drum waterfall type, hydraulic low pressure drive, make Hydraulic Brattvaag, type SL 150/ BSL 150 W
Towing drum	Fore	Max pull 150 t, brake holding capacity 250 t
Towing wire	Yes	1.000 m dia. 57 mm, BL 1137 KN
Service drum	Aft	Max pull 150 t, brake holding capacity 250 t
Service wire	Yes	100 m dia. 32 mm
Wildcats	No.2	Data not available
Warping drums	N.A.	Temporary drum on top starboard wildcat
Wildcat chain lockers	N.A.	Recovered chain storage on deck
Spare towing wire reel	No.1	Forecastle deck aft S, low pressure hydr. drive
Spare towing wire	Yes	762 m dia. 56 mm, stowed on reel drum,