



MV FRONTIER SILVER

ANCHOR HANDLING TUG SUPPLY VESSEL - DYNAMIC POSITIONING DP2

ROTAWN ENERGY & LOGISTICS SERVICES

WWW.ROTAWN.COM

INFO@ROTAWN.COM

HEAD OFFICE

101B SARUMOUH OLADOSU CLOSE, LEKKI,
LAGOS STATE

PORTHARCOURT OFFICE

1 ZIMS ESTATE ROAD, OFF CHIEF GILBERT
EKE ROAD MGBUOBA, RUMUOKUTA

T/ +234 (0)8037944494, +234 7074759716



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GENERAL

Flag: Nigeria
IMO No: 9527984
Year Built: 2009
Builder: Yuezim Shipbuilding Co., Ltd. China
Classification: ABS +A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel, +AMS + DPS-1

DIMENSIONS

Length Overall: 69.90 m
Beam Overall: 16.60 m
Depth Moulded: 7.20 m
Design Draft: 4.50 m
Scanning Draft: 5.88 m
Gross Tonnage: 2,538 tons
Deadweight: 2,622 tons
@ 5.0m draft

CAPACITIES / PERFORMANCE

Fuel Oil: 992.66 m³
Potable Water: 580 m³
Drill Water: 560 m³
Liquid Mud: 263 m³ (OBM), 168.93 m³ (Base oil)
Brine: 196.32 m³
Dry Bulk: 250 m³ (4 tanks)
Foam: 10 m³
Dispersant: 14 m³

KEY PERFORMANCE

Bollard Pull: 106 Tons
Total Power: 8,000 BHP
Maximum Speed: 12 knots
Deck Cargo: 900 tons
Deck Area: 438 m²

DISCHARGE CAPABILITIES

Drill/Fresh Water: 120 m³/hr @ 70m head
Fuel Oil: 65 m³/hr @ 70m head
Brine: 80 m³/hr @ 120m head
Liquid Mud: 80 m³/hr @ 85m head

ACCOMODATION

Total Capacity: 40 persons
Cabins: 15 total (1-man × 4, 2-men × 3, 3-men × 1, 4-men × 7)
Hospital: 1
Air Conditioning: Full vessel coverage

SPECIAL EQUIPMENT

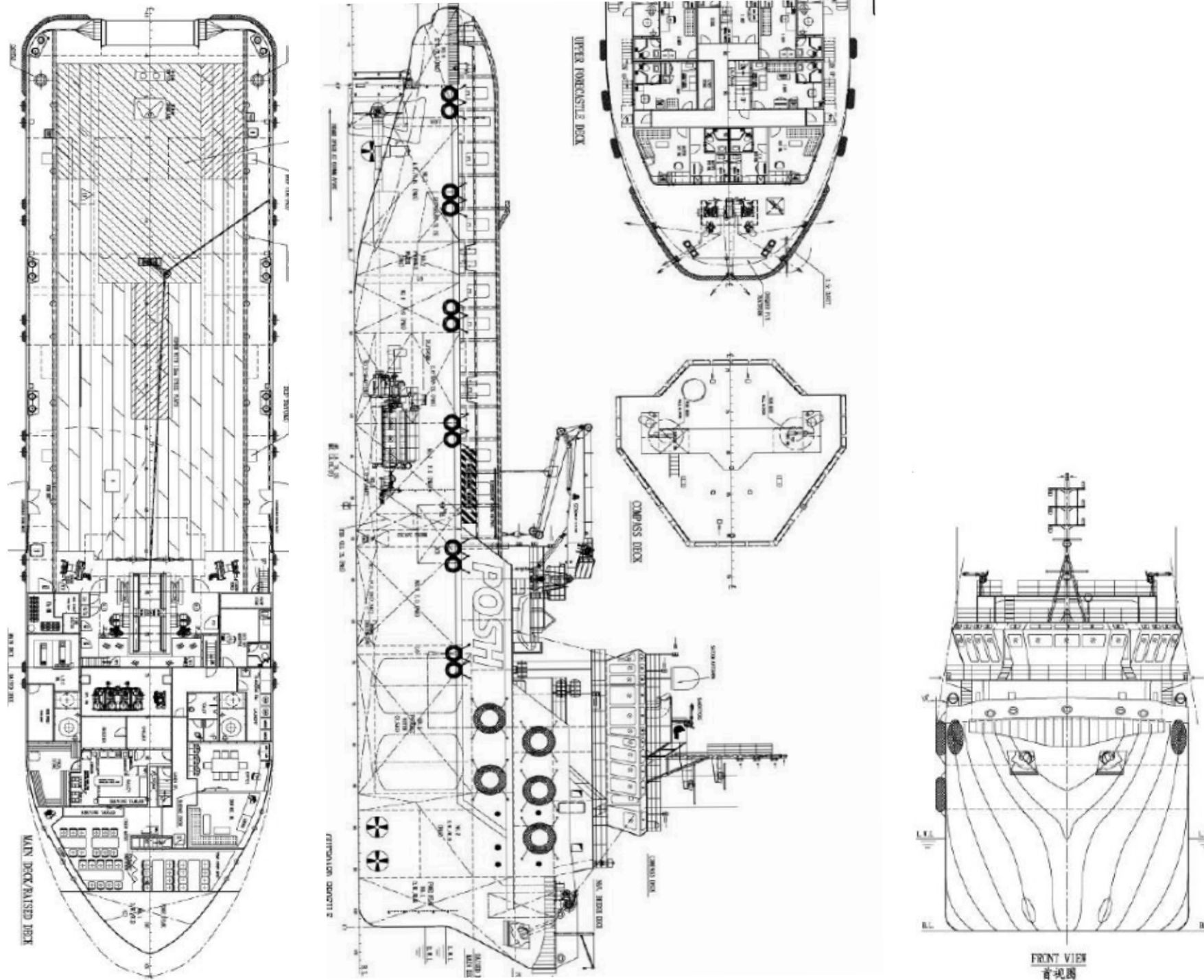
Dynamic Positioning: DPS-1 System
Fire Fighting: FIFI 1 Class - 2 × 1,650 m³/hr @ 140m head
Deck Crane: 5T Knuckle Boom @ 18m radius
Oil Pollution: Dispersant system with boom

MACHINERY / PROPULSION

Main Engines: 2 × MAN B&W 8L27/38, 2 × 3,970BHP
Propellers: 2 × 3.4M CP propellers in fixed nozzles
Bow Thrusters: 2 × 430kW (6.5T each)
Stern Thruster: 1 × 430kW (6.5T)
Generators: 2 × 1,200kW Shaft, 2 × 370kW Diesel
Emergency Generator: 1 × 98kW

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DECK EQUIPMENT

Towing Winch:	Double Drum
Waterfall, 200T Stall Pull	
Brake Holding:	300T
Wire Capacity:	2 × 1,500m × 64mm
Storage Drum:	1 × 1,500m × 64mm
Tugger Winches:	2 × 10T
Shark Jaw:	Triplex H200, SWL
200T	
Tow Pin:	Triplex S115, SWL
115T	
Stern Roller:	300T SWL, 6m × 2m
diameter	

NAVIGATION & COMMUNICATION

Radars:	Furuno FR2115 / FR1510MK3
ARPA	
GPS:	2 × Furuno GP32 / DGPS
GMDSS:	Furuno FELCOM 15 Inmarsat C
AIS:	Furuno FA150 Transponder
Gyro Compass:	SIMRAD GC80 / GC85
Autopilot:	SIMRAD AP50