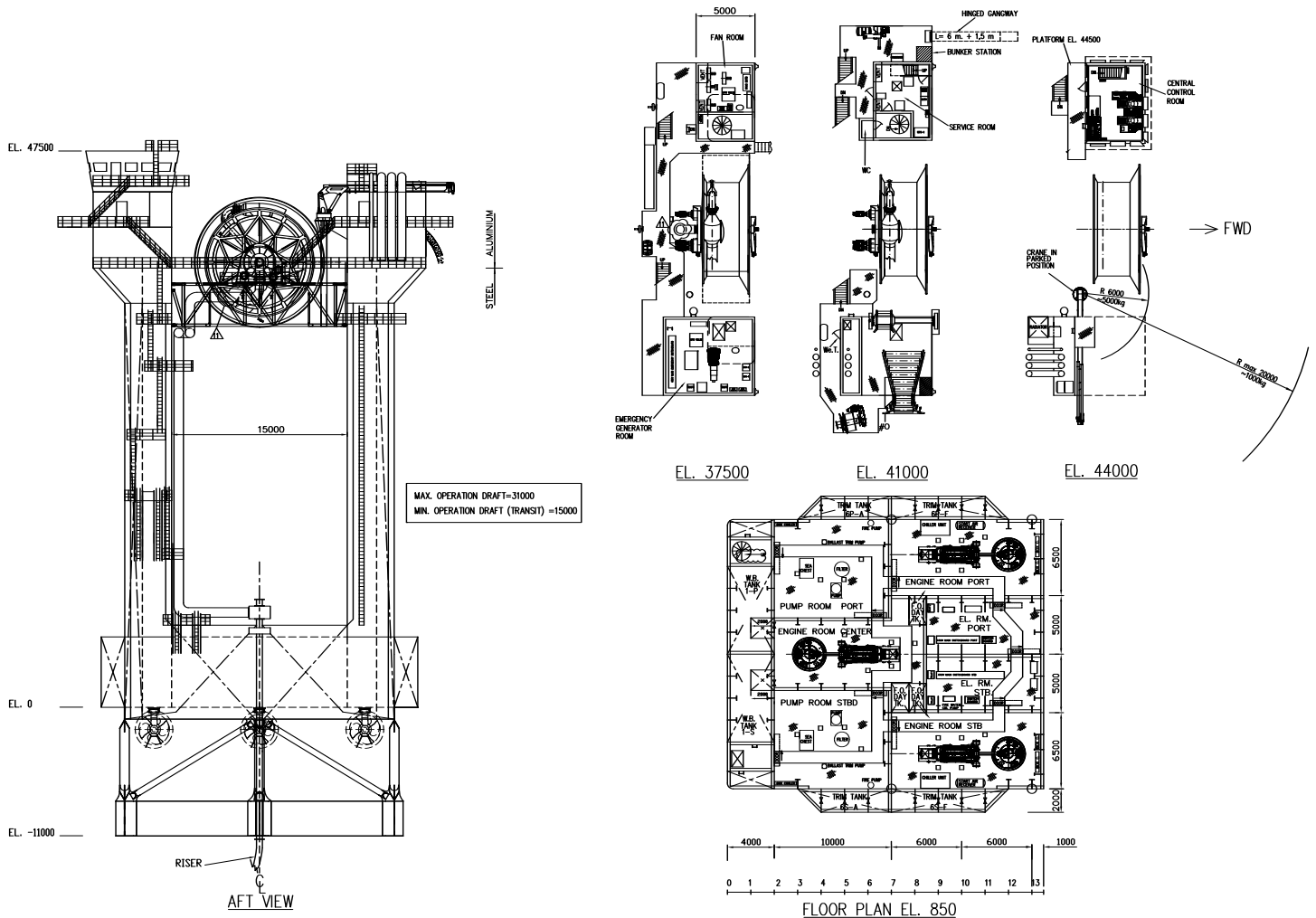


HiLoad[®] DP



Providing DP stationkeeping for any size vessel



HiLoad[®] DP – Fact sheet

Main Characteristics

Length overall:	28 m
Breadth moulded:	27 m
Overall height:	47.5 m + keel 11 m
Lightship weight:	4200 t
Gross tonnage:	1641 t
Net tonnage:	492 t
Displacement:	5600 t at max. draft
Bollard pull:	3x42 ton

Registration

Type:	HiLoad DP Offshore Loading Vessel, Remora design
Owner:	Remora ASA
Classification:	DNV OI Floating Offshore Oil Loading Installation DYNPOS-AUTR, ICS

Performance

Consumption:	13 m ³ /d working (50%) 0.5 m ³ /d non-working
Loading rate:	6600 m ³ /h
Max tanker size:	VLCC (320.000 dwt)

Areas of Operation

- Offshore loading terminal
- Import terminal
- Stationkeeping/DP2 system for offshore vessels
- Tug/propulsion applications

Accommodation

- Fully air-conditioned
- No beds
- Seating for 12 persons

Propulsion – Machinery

Main Engines:	3 x 2,350 kW, CAT 3516C diesel engines, 1800 rpm
Shaft Generators:	3 x 550 kW, Leroy
Harbour Generator:	1 x 315 kW CAT 3406C diesel engine, 1800 rpm, w/Leroy shaft generator
Thrusters:	3 x 2300 kW, Wärtsilä (Lips) Azimuth Thrusters
Crane:	1 x 1.0 t at 20 m, GMC Sormec marine crane

Capacities and Pumps

Fuel tanks:	140 m ³
Fresh water:	5.6 m ³
Water mist:	1.5 m ³
Lube oil thrusters:	3.2 m ³
Lube oil main engine:	2.7 m ³
Sludge tanks:	3 x 1.5 m ³
Oily bilge tank:	5.6 m ³
Ballast tanks:	1,867 m ³
Ballast Pumps:	2 x 3750 m ³ /h 33 mLc, Hamworthy CAD500 deballast pumps

Electronics

- Navigation*
- radar
 - 3 x gyrocompass
 - 2 x DGPS

Communication

- 1 x VHF Telemetry System, GMDSS based
- 1 x UHF for internal communication
- 1 x PA/GA DNV compliant
- Onboard computer network system with e-mail

Dynamic Positioning System (DP 2)

- Complies with DYNPOS AUTR (Class 2)
- Reference System: 1 x DGPS, 1 x DARPS, 1 x Artemis, 1 x Fan Beam, 1 x RaDius
- Sensors: 3 x gyrocompass, 2x wind sensor

Special Equipment

- Loading Hose: 1 off Trelleborg Reeline 20" 170m w/16" tanker rail hose
- Loading Hose Reel: 1 off Aker Kværner Pusnes hose reel Ø8m
- Fire fighting: Essential rooms: water mist extinguishing system 2 off water/foam monitors for Hose Reel
- Life saving: 3 off liferafts, 1 launched by davit, 12 persons capacity
- Fenders: 8 off soft landing fenders similar to those used on quay side
- Attachment system: Friction fenders same as commonly used on tug boats. 6 off Heavy Duty Sealings from subsea tunnel technology.

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