



MUNIN

FPSO

Data Sheet



MUNIN FPSO

The MUNIN's main functions are:

- Receipt of fluids from subsea wells;
- Processing of the incoming fluids for separation into crude, water and gas;
- Storage of the stabilised crude oil and maintaining it at the required temperature;
- Treatment of effluent for discharge of water to the sea;
- Chemical injection;
- Offloading of crude into "tandem moored" shuttle tankers;
- Power generation for sub sea well pumps, process, offloading, utilities and ship systems;
- Provide accommodation for operating and maintenance personnel;
- Provide helideck for helicopter operations;

All systems are designed for a minimum annual average production up- time of 95%.

VESSEL DATA	
Length	253 m
Breadth moulded	42 m
Depth moulded	23.2 m
Dead weight tonnage	101,000dwt
Deck area	7,280 m ²
Accommodation	55 persons (expandable to 75)

PERFORMANCE DATA	
Storage capacities	
Exportable crude	94,757 m ³ (595,950 bbls)
Slop tanks	3,315 m ³ (20,851 bbls)
Diesel Oil	3,158 m ³ (19,868 bbls)

Processing Capacities	
Fluid capacity	125,000 bpd
Crude	60,000 bopd
Produced water (max)	120,000 bwpd
Oil content water discharged	< 30 ppm
Gas (max)	1 MMscfd

Stabilised crude	
RVP	10-12 psi
H ₂ S	1,5 ppm
BS&W	< 0.5 %

Power	
Main generators	4 x crude/diesel
Capacity	4 x 5.2 MW
Emergency generator	1 x 0.46 MW Diesel

Offloading	
Parcel size	500,000 bbls