

Acergy Harrier

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Type:
Diving

Classification:
+ 1A1 Fire Fighter II
SF HELDK DSV-III E0
DYNPOS-AUTR

This high performance diving vessel is ideally suited for intensive multi-jacket Inspection, Maintenance and Repair campaigns. *The Acergy Harrier* offers a 1,000m² flat upper deck and two 60t cranes.

- Length 83m x breadth 19m
- 16-man twin bell saturation diving system
- 2 x 60t cranes
- Deck area 1,000m²
- Accommodation for 86 persons

Acergy Harrier

General Description

Type	Diving
Classification	+ 1A1 Fire Fighter II SF HELDK DSV-III E0 DYNPOS-AUTR
Flag	Liberia
Year Built	1985

Principal Dimensions

Length Overall (m)	83.40m
Breadth (m)	19.50m
Depth Main Deck (m)	8.60m
Operating Draft (m)	5.75m
Gross Tonnage (t)	4,782t
Transit Speed (knots)	10 knots
Endurance (days)	70 days

DP System

DP Classification	DYNPOS-AUTR (Class II)
Reference System	2 DGPS, 1 HiPAP 500, 1 HPR 400 2 Tautwire Bandak MK-5 1 Fan Beam MDL-4

Power and Propulsion

Main Engines	
Number	4
Type	Bergen Diesel
Power (hp)	2100 hp each
Generators	
Number	4
Type	NEBB
Power (kW)	2625kVA
Thrusters	
Number	6
Type	4 tunnel + 2 azimuth
Power (hp)	T1+T2: 1200hp; T3+T4: 770; azimuth: 2500hp each
Location	T1/T2/T3 forward; T4/T5/T6 aft

Main Deck

Clear Deck Area (m ²)	1,000m ²
Deck Strength (t/m ²)	2.5t/m ²

Capacities

Fuel Oil (m ³)	1,753m ³
Hydraulic Oil (m ³)	54m ³
Fresh Water (m ³)	284m ³
Ballast Water (m ³)	1,219m ³

Accommodation

Berths (No.)	86
Cabins (No.)	57

Helideck

Type	Super Puma
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Cranes

Main Crane Capacity (t)	60t / 30t (60 double fall w/sheave)
Manufacturer	Hydralift / Hydralift
Operating Water Depth (m)	350m / 350m
Location	Upper deck, aft, starboard side / upper deck, forward, starboard side
Main Crane Comments	10t whipline, man riding
Auxiliary Crane Capacity (t)	1.5t / 1.5t
Location	Upper deck, mid ships, starboard side / upper deck, mid ships, port side

Moonpool

Moonpool (No.)	2
Dimensions (m)	3.6m x 3.6m

Dive System

Men (No.)	16 men in saturation
Bells (No.)	2
Depth Rating (m)	350m
Dive System Comments	3 levels + final decompression

ROV System

ROVs (No. and type)	1 x SCV07 3000 1 x Lynx2
Operating Depth Rating (m)	SCV: 3,000m (free swim) Lynx: 1,500m (cage)