



MV Artemis Odyssey

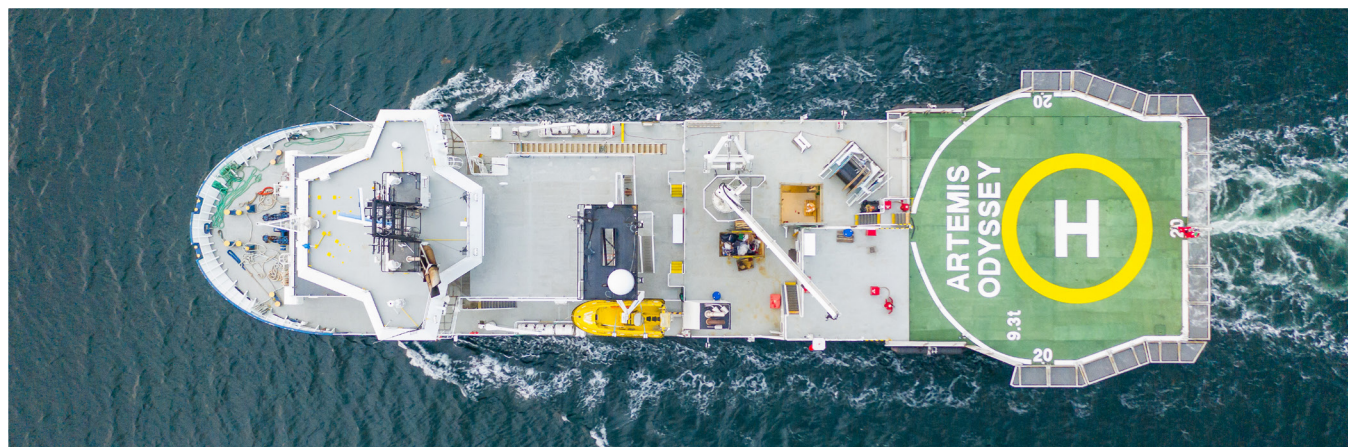
MULTIPURPOSE SEISMIC VESSEL

Principal dimensions: Length 72,80 meters
Beam: 16,00 meters
Max. Draught: 5,70 meters



A WESTCON COMPANY

MV Artemis Odyssey



GENERAL INFORMATION

Name	M/V Artemis Odyssey
Call sign	LNUT3
Flag state/ Port of registry	Norway/ Aalesund
Vessel type	Seismic Research Vessel
Class	DNV +1A1, EO, HELDK, SF, DPS[2]
Yard number/ Yard	No. 136/ 2005 at Søviknes Verft AS
Upgrade	2020
MMSI no.	257 692 000
IMO no.	IMO 9335977
DNV Id. no.	26127
Max. persons on board	46

MAIN DIMENSIONS

Length overall	72.80 m
Length between pp.	64.20 m
Beam mld.	16.00 m
Depth mld. main deck	6.80 m
Depth loaded [summer]	5.70 m
Air draft [to highest antenna]	25.2 m [from draft 5.7 m]
Br.t. tonnage	3 755 t.
Net tonnage	1 127 t.
Dead-weight:	2 242 t.

CAPACITIES

Marine diesel oil	1 017.0 m ³
Fresh water	424.5 m ³
Fresh water production capacity [Osmosis + Evaporation]	15.0 m ³ / 24h
Ballast water	1268.5 m ³
Lubrication oil	26.8 m ³
Drain/Sludge tanks	15.6 m ³
Stop tank	78.8 m ³
Sewage holding tks.	103.7 m ³

PUMPS

2 x Fuel oil transfer pump	Kral 3 spindle screw pumps KFUG 275. 20 m ³ / h – 2,0 bar.
2 x Ballast pump	Speck 100/250 A1 Centrifugal pump 200 m ³ / h – 2,0 bar.
1 x Fresh water pump	Speck 100/250 A1 Centrifugal pump 200 m ³ / h – 2,0 bar.
2 x Bilge/ Fire	Seepex 70-6LBN eccentric screw pump 64/74 m ³ / h – 6/3 bar.
1 x Em.Fire	Speck 32/200 A1 Centrifugal pump 27 m ³ / h – 6,0 bar.
1xHelideck fire pump	PG Flow PG-100/500 A4 Centrifugal

OILY WATER SEPARATOR

1 x 5 ppm Oily Water Sep.	Wärstilä OWS 500
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SEWAGE TREATMENT PLANT

1 x	DVZ SKA-40 Biomaster Plus
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BALLAST WATER TREATMENT PLANT

1 x	Alfa Laval PureBallast 135 m ³ /h IMO+USCG approved
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MAIN ENGINE/ GEAR

2 x Main Engine	MaK 8M25, 2 640kW @ 750 rpm
2 x Reduction gear	Rolls-Royce Marine, 750 AGC-S-KP500ND
2 x Propeller	KaMeWa Ulstein CCP, Ø 3300 mm, 4 blades, 170 rpm

AUX./ EMERGENCY ENGINES

2 x Auxiliary Engines	Nogva Scania, DI 12 62M [10-40], 320kW @ 1800 rpm
1 x Emergency Engine	Nogva Deere 4045TFM50-G, 75kW @ 1800 rpm

GENERATORS

2 x Shaft Generators	Marelli, MJB M 500 M, 2100KVA, 3 x 450V, 60Hz, 1800 rpm
2 x Aux. Generators	Stamford HC, M43 4E1, 375KVA, 3 x 450V, 60Hz, 1800 rpm
1 x Emergency Generator	Stamford UVM 224F, 87,5KVA, 3 x 450V, 60Hz, 1800 rpm

THRUSTERS

2 x Bow thrusters	Rolls-Royce, TT 1650 DPN CP, 700kW
1 x Stern thrusters	Rolls-Royce, TT 1650 DPN CP, 700kW

STEERING GEAR/ RUDDERS

2 x Steering Gear	Rolls Royce, SR 622 for FCP
2 x Rudder	Rolls Royce HLR-S 1750.

SPEED & CONSUMPTION

Maximum	Approx. 14 knot/ 20 m³/ 24h
Economy	Approx. 11,0 knot/ 152,3 m³/
24h In harbour	< 1m³/ 24h

ANCHOR/ ANCHOR CHAIN

2 x Anchor	Spek, 2460kg
2 x Anchor chain	Ø 38 mm, length 467.5 m, Grade K3

HYDRAULIC EQUIPMENT

1 x Windlass	Rolls-Royce Marine A/S BMG 41036, 10,5 ton
2 x Rope Reels	Rolls-Royce Marine A/S, ALM2205, 5 ton @ 1st layer
2 x Capstan	Rolls-Royce Marine A/S, CM1206, 6 ton
1 x Deck crane	Palfinger PKM 1200/18 SWL 5.3-10t@6.5-18 m
1 x MOB Davit	Hydralift, HMD A 32 Mk 3, SWL 3.2 t
1 x Work Boat Davit	Vestdavit PLR12002, SWL 12 t

LIFE-SAVING EQUIPMENT

1 x MOB/ Rescue - boat	Mare Safety FRB700, max 10 persons
6 x Life Rafts	4x25 P + 2x20 P
2 x Life Raft Davits	Palfinger / Ned-Deck Marine SCM21-4.0

HELICOPTER DECK

Certification	CAP 437, NORMAM-27
Max weight	9.3 t
D-circle	18.9 m
Helideck Monitoring System	Kongsberg HMS300

NAUTICAL EQUIPMENT

1 x Radar 10 cm	Furuno S-band, FAR-2137, ARPA Radar
1 x Radar 3 cm	Furuno X-band, FAR-2117, True Motion Radar
2 x Electronic chart systems	Telko TECDIS
3 x Gyro compass	Simrad GC-80
1 x Auto pilot	Anschütz, Pilotstar D
1 x Speed Log	Furuno Doppler Speed Log, DS-80
2 x GPS	Kongsberg DPS112 / Furuno GP-90
2 x VHF	Furuno FM-8500 VHF simplex
1 x VHF	Furuno FM-8900S VHF DSC simplex
4 x UHF	Motorola portable, 6 channels
1 x DP/ Joystick system	Kongsberg K-POS DP-21

COMMUNICATION

GMDSS-A3	Furuno
Transmitter/Receiver MF/HF DSC	Furuno MF/HF SSB model FS-1570
Emergency Radio Beacon	Jotron Tron 405 EPIRB
2 x Free Float Beacon	Jotron Tron 60S EPIRB
2 x Radartransponder	Jotron Tron Sart
1 x UHF	Motorola GP 340
4 x portable UHF	Motorola GP 340
Navtex receiver	Furuno NX 5000
2 x aircraft/ ship VHF	Jotron TR-810
1 x portable aircraft/ ship VHF	Icom VHF AM

SEISMIC EQUIPMENT

Compressors	2 x LMF 48 - 1695 CFM, 1 x LMF 36 - 1271 CFM @ 2000 psi 1 x LMF265 - 918CFM
Source type	GGun II
Strings	max 7 clusters per string, Max 14
Press. Transd.	GL4000 1 per gun position,
Depth transd.	GL4000 1 per gun position
Near field ph.	GL4000 1 per gun position
Umbilicals	Deregt
Deflector.	BARO C680,
Source contr.	GL4000
Array posit.	Seamap Buoylink 4DX
INS System	Ion GATOR / ORCA
GNSS	Fugro - dual STARFIX G4 and STARFIX XP2 ADCP
ADCP	Nortek
HPR	Almek DN350
Echo Sounder	Kongsberg EA600 18/38/200

SHORE BASED MANAGEMENT STRUCTURE

Owner	Maritim Research I AS
Management	Maritim Management AS



VESSEL OWNER & OPERATOR – OBN/ ROV/ AUV VESSELS

Maritim Managements group of companies are owners and operators of 4 vessels working as OBN, ROV and AUV vessel,

The group of companies are privately owned by Westcon Group (www.westcon.no), a major contractor in the maritime and offshore service industry in Norway.

FOCUSED, EFFICIENT, TRANSPARENT

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