The Kommandor Stuart is a dedicated and efficient geophysical survey vessel with a proven track record, ready for mobilisation to sites worldwide.

A versatile, stable platform with considerable deck space, the Kommandor Stuart’s consistent speed control, line keeping and station holding in 2 m sea states allow project schedules to be set with confidence.

Accommodation for 38, and extensive onboard facilities including gym and sauna, enable data processing and reporting teams to operate 24 hours a day, resulting in improved data quality and reduced data delivery timeframes.

Comprehensively fitted with market-leading geophysical and UXO identification equipment, with tried and tested options to install UHRS, 2DUHRS, shallow geotechnical and environmental equipment, Kommandor Stuart can be mobilised rapidly and cost-efficiently.
KOMMANDOR STUART

Technical Specifications

General

Vessel name  Kommandor Stuart
Classification  DNV
Owner  Hays Shipping Ltd
Year built (rebuilt)  1978 (2006)
Port of registry  Leith
Gross tonnage  1286
Call sign  MPQH3
IMO/MMSI  7514397/235011900
Moon pool  1 m x 1 m

Dimensions

Length  60 m
Beam  12 m
Draught  5.4 m

Accommodation

Total number of persons  38
Cabins  14 single, 10 twin, 1 four-berth
Hospital  1 x treatment table
Offices and workspaces  Online/offline survey room, Processing/survey office
Recreation  Sauna, Gymnasium

Machinery and Propulsion

Main engine  1760 kW
Propeller  Single, VP
Bow thruster  330 HP
 Stern thruster  330 HP
DP system  EMRI
Electrical power  2 x 350 KVA, 1 x 650 KVA
Speed  12 kn (max.)
Endurance  30 days

Deck Machinery

Working deck area  300 m²
Hold storage  300 m²
Laboratory areas  65 m²
Port-side crane  5 t @ 14 m
Stern A-frame  15 t @ 8 m
Port-side A-frame  6 t @ 6 m

Capacities

Drinking water  95 m³
Water maker  10 m³/day
Fuel  177 m³
Endurance  30 days

Communication

VSAT  Telenor Ka - 3M/3M

Survey Equipment

Positioning  2 x Fugro StarPack
USBL  Sonardyne Mini-Ranger 2
Motion and heading  Applanix POS MV OceanMaster V5

Geophysical

Multibeam echosounder  Kongsberg EM® 2040 dual head dual ping - 0.4° x 0.7°
Side scan sonar  EdgeTech 4200 Series
Sub-bottom profiler  Innomar SES2000 Medium 100
Magnetometer  Geometrics G-882s
UOX  Dual EIVA ScanFish Kahri
UOX  Fugro Geowing

Seismic

Dual K28 compressor units
Airguns - up to 160 CU
Sparker
Boomer
2DHR and UHR streamers

Geotechnical

CPT  SEASCOUT® 35 ST/50 kN
SEACALF® 10T/75 kN
Coring  3-5 m gravity/piston corer
3-6 m Fugro high performance corer (vibro core)

Environmental

Camera  HD stills and video cameras
Sediment sampling  Drop-down frames, towed sled

ROV

Intermediate ROV  Saab Seabed Panther-XT
Observation ROV  Saab Seabed Falcon, Saab Seabed Lynx