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Grand Canyon II

Grand Canyon II – General Particulars

- Class Notation 1A1 ICE-1C SPS COMF-V(3)C(3) HELDK-SH CRANE E0 DYNPOS-AUTRO NAUT-OSV(A) CLEAN DESIGN DK(+) BIS TMON– DNV / DP3
- Built – 2015
- (L) 127.75m / (B) 25m / (D) 7.5m
- Deck Area 1,650m2
- Under deck stiffening in key locations to accommodate lay carousels/reels;
- 7.2m x 7.2m Moon-pool;
- 1 x 250T AHC Main Man Riding Crane c/w 3,000m wire,
- 1 x 15T AHC Aux. Man Ridging Crane c/w 1,000 wire
- 1 x 2T Auxiliary Crane for provision handling;

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Grand Canyon II – ROV

- 2 x 250hp Schilling UHD WROV
- Hangar for port and starboard launching of WROV's
- ROV workshop and maintenance area
- Overhead crane in hangar 50 Te SWL
- LARS are active heave compensation electric McCartney systems
- Offices & meeting rooms for ROV operations
- Online / offline rooms

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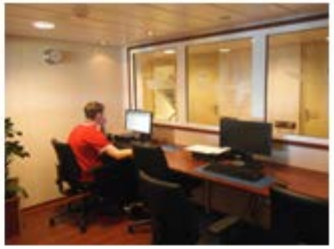
Grand Canyon II – Comfort Class

Multiple Offices

Multiple Conference Rooms



Internet Cafe

60 Seat Cinema

Swimming Pool

Gymnasium & Solarium

Smoking Lounge

Non-Smoking Lounge

Sauna

- Designed for very comfortable conditions in severe weather;
- Helicopter Platform for Sikorsky S92 or equal;
- AC accommodation of the highest standard for 104 persons.
- Dirty Mess & Clean Mess rooms
- 4 lounges
- Multiple meeting rooms / offices on various decks;
- Hospital;
- Multiple recreation areas & laundries.

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Grand Canyon II –DP Equipment

1	**DP System (See info CAN II 11.01 Grand Canyon II DP Operation Manual)**	**Dual redundant Dynamic Positioning System K-Pos DP-31 and K-Pos DP-11 (AUTRO/DP3). ERN number: Case1-3=99, Case 4=95, Case 5=91**
2	Joysticks	2 x Kongsberg cJoy Operator Stations 1 x Kongsberg cJoy Independent Joystick
3	Reference Systems	2 x HiPaP Operator stations Apos 500 (w/responder triggers) 2 x HiPaP 500, Hull Units HL 3770 (2,72m) 2 x Light Weight Taut Wire Mk 15B (1 kept as spare) 1 x Radius 1000 (w/2 interrogators) 1 x CyScan
4	Sensors	3 x GILWindObserver II Ultrasonic Anemometer,Wind Sensors 2 x Kongsberg MRU 5 1 x Kongsberg MRU 2
5	Differential Positioning	Kongsberg DPS 700: -Kongsberg DPS 132 -Kongsberg DPS 232 -De-modulator Seatex 3610 DGNSS Receiver Inmarsat -De-modulator Seatex 3610 DGNSS Receiver Spotbeam -Iridium as back-up for corr. Signal for LAT N/S >70 degrees -Spotbeam antenna AD430 -2 x DGPS 464 (RTCM diff receiver Petrobras, Brasil) Kongsberg DPS 122: -De-modulator Seatex 3610 DGNSS Receiver Spotbeam - Spotbeam antenna AD430

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Grand Canyon II – Consumption

1	MGO Consumption/Max Speed	55m3 at 15,0 Kts (weather dependent)
2	MGO Consumption 13,0 Kts	42m3 at 13,0 kts, approx. 7100 kW (total) load generators (opt. weather)
3	MGO Consumption 12,5 Kts	37m3 at 12,5 Kts, approx. 6700 kW (total) load generators (opt. weather)
4	MGO Consumption/Eco Speed	33-35m3 at 12,0 Kts, approx. 6200 kW total load generators (opt. weather) (approx. 47% load each el prop motor, prop rpm 95, pitch 100%)
5	MGO Consumption 10,5 Kts	26-28m3 at 10,5/11,0 Kts, approx. 4700kW(total) load generators (opt. weather) 33% load each el prop motor, prop rpm 85, pitch 100%)
6	MGO Consumption DP	12 to 25 m3 depending on operation, weather and current
7	MGO Consumption in Port/Mob	Port 5 to 7 m3/Mob 10 to 15 m3
8	Fresh Water Consumption	20 to 25m3 (Average, approx. 55 crew)

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Thank You