

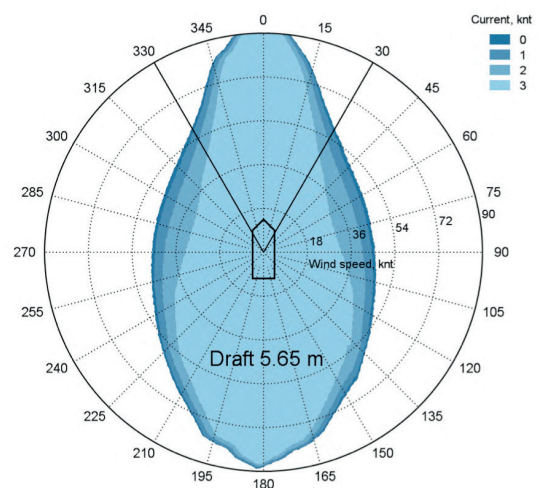
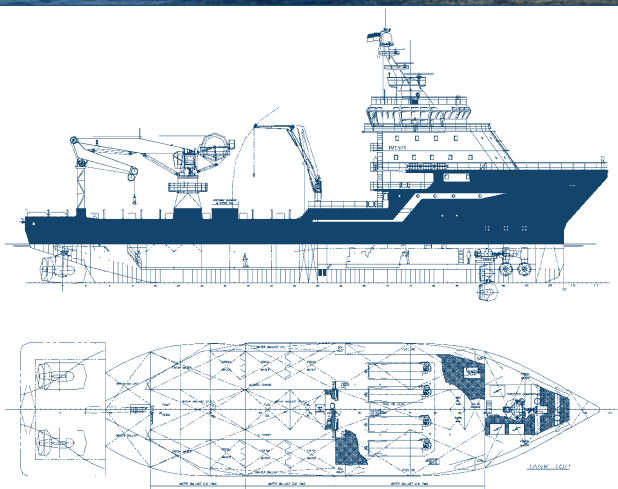
FREJA

NCT OFFSHORE

Nymarksgyden 58
5474 Veflinge
Denmark
CVR-NO 37474592

IMT 975 S-Class CLV / ROV Support (DP II)

Build Yard > Balenciaga, Spain



NCT OFFSHORE

15_06_2021

ACTIVITY	CONSUMPTION
Transit speed (subject to weather, Sea and Swell)	Approx 9,0 – 10,0 Tonnes / Day
Econ @ approx 8 Knots	Approx 6 Tonnes / Day
Port	Approx 1,5 Tonnes / Day
DP	Approx 6.5 Tonnes / Day
Offshore Standby (on Fwd Az), subject to deck activities	Approx 2,3 Tonnes / Day

DP Capability plot 100 % availability



PLOT RESULTS

Capability Plot: All Thrusters 100% THRUST

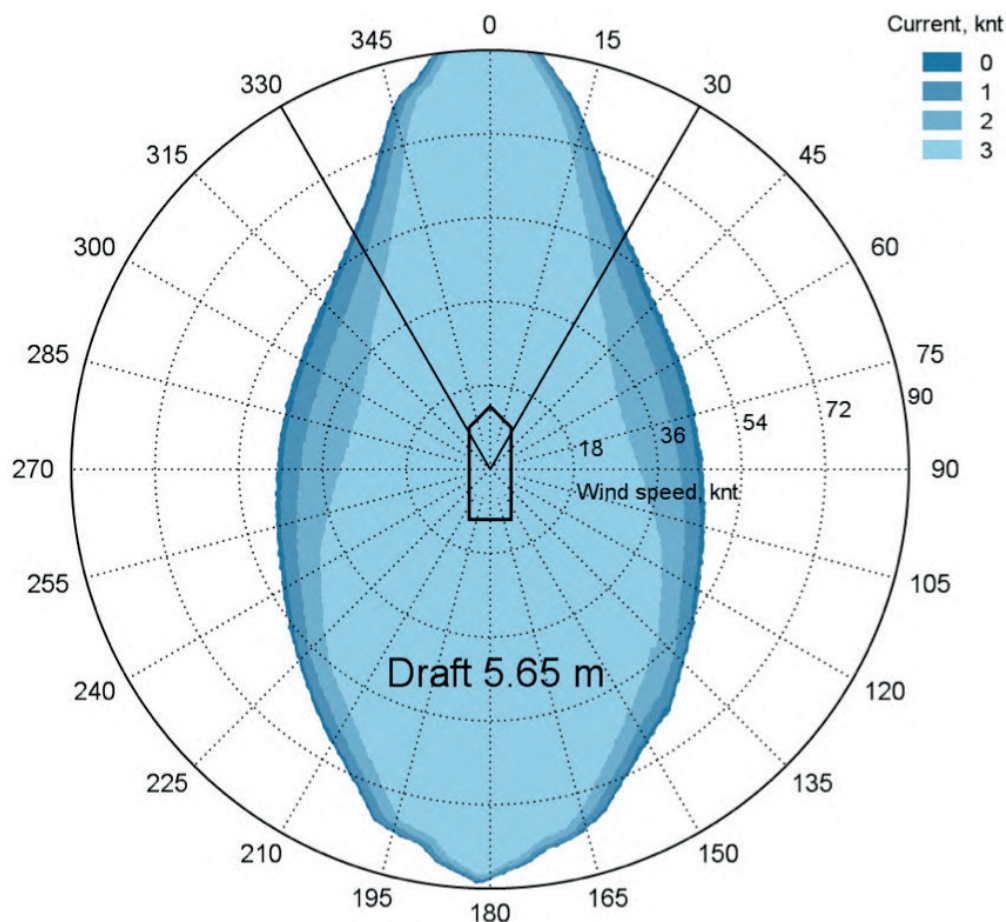
LIMITS AND PROHIBITED SECTORS (THRUST. %)

#1 Bow FWD Thr	100%	
#2 Bow AFT Thr	100%	
#3 Bow AZ Thr	100%	0° ... 0°
#4 Port Stern AZ	100%	243 ... 297°
		0° ... 0°
#5 Stbd Stern AZ	100%	63° ... 117°
		0° ... 0°

ENVIRONMENT

Max wind speed	90.0 kn
Curent Speed	0.0 - 3.0 kn
Collinear enviroment	
Dynamic factor	1.25
Thruster Limits	see section 4
Bus Limits	see section 5

Bus A: 3440 kW
Bus B: 3440 kW



DIMENSIONS

LOA	75.00 metres
LBP	64.8 metres
Breadth Moulded	16.00 metres
Draft Loaded / Depth	5.75 metres

TONNAGE

GRT	2786 Tonnes
NRT	836 Tonnes
DWT	2141 Tonnes

CAPACITIES AND CRANES

Fuel Oil (MGO) / Connection	520 m ³
Fresh Water / Connection	1022.0 m ³
Ballast Water	1497 m ³
Oil Based Mud(s)	N/A
Base Oil	N/A
Brine(s)	N/A
Dry Bulk(s) / Connection	N/A
Deck Area	Approx 640 m ² (Inc Mezz & Workshop)
Deck Loading	5 Tonnes per m ² & 7 Tonnes per m ² (aft)
Deck Crane # 1	Hydralift 1.5t @ 11 metres
Deck Crane # 2	TTS Norlift 20t @ 20 mtrs / 2000 mtrs w/d
Crane # 3	N/A
Winch	Deck mountable for special ops
Wire Reel	N/A
Deck Tuggers	2 x 7 Tonnes
Endurance	42 days

ENGINES / THRUSTERS / AUX

Main Engine(s)	4 x MAK 6M25 @ 2322 BHP per unit
Proppeller(s)	2 x Contra Rotating Azimuths
Azimuth Thruster(s)	1 x RRM Azimuth @ 1200 BHP
Bow Thruster(s)	2 x RRM Tunnel @ 1042 BHP
Rudder Systems / Type	N/A
Aux Engines	N/A
Shaft PTOs	N/A
Emergency Generators	1 x Cat Emer Genset

CONTROL SYSTEMS AND DYNAMIC POSITIONING

Control Positions	Fwd & Aft consoles
Full Manual Control	Fwd & Aft consoles
Integrated Joystick Control	Joystick
Joystick Control	Aft & wander lead
Dynamic Positioning System	Navis
Vertical Taut Wire	Optional
DGPS # 1	Fitted
DGPS # 2	Fitted
Hydro Acoustic Pos Ref # 1	Simrad HIPAP 500 L-USBL with Slave Display (in Survey Room)
Fan Beam Laser	MDL Fanbeam

MOONPOOL

Moonpool #1 (available)	1200 X 1200 mm
Moon-tube #2 (available)	Ø500 Moon-tube for equipment Launch Fitted
Moon-tube #3	Ø500 HIPAP installed
Moonpool #4 (available)	3580 X 3580 mm

RESCUE AND VESSEL EQUIPMENT

MOB Craft Davit # 1	MOB Davit System
MOB Craft	MOB Boat (Petrol)
Cargo Railing	Removable Cargo Railing Fitted
Survey Rooms	Fully outfitted Survey Room(s) Fitted
Fast Rescue Craft x 1	Option
Dacon Scoop	N/A
Dacon Rescue Crane	N/A
Cosalt Rescue Basket	N/A
Jason Cradles Frames	N/A
Winch Area	Forward
Emer. Towing Capability	Forward
Dispersant Tanks	N/A
Dispersant Spray Booms	N/A
Searchlights	2 x Searchlight Fitted
Electrical power supply	Deck 440V / 60Hz / 1250A
	Survey power room 440V / 60Hz / 250A
	Disp 440V / 60Hz / 125A

NAVIGATION AND COMMUNICATION EQUIPMENT

Radar s (Fwd)	2 x Furuno ARPA
Radar (Aft)	Furuno
ECDIS	Fitted
PLB System	N/A
DGPS(s)	Furuno GP170, Sailor 6004
Gyro(s)	3 x Anschütz S20 Gyro
Autopilot	Fitted
Magnetic Comp	1x Magnetic Compass
Echo Sounder	Fitted
Digital Depth Recorder	Fitted
Navtex	Furuno NX 500
Sat Comms	Full Sat Comms (A3), Sat C, KU & 2 x Iridium Sat-phone
MF/HF Radio	Fitted
UHF	Fitted
VHF (Fwd)	Fitted
VHF (Aft)	Fitted
Helo Radio	N/A
AIS	Jotron AIS
VHF Direction Finder	Fitted
Doppler Log	Fitted
SSAS	Trane & Trane
Portable VHF	Fitted
UHF Base	Fitted
Portable UHF	Fitted
Sonic Helmets	N/A
Smartpatch Phone	N/A

CREW FACILITIES

Crew Cabins	49 Man Single & Double Berth cabins, (21 x Single Berth, 14 x Double Berth) c/w en suite facilities
Recreation & Leisure	1 Messroom, 1 Lounges, Sat TV, Sauna & Gym 2 x Ship's Office, 2 x Client's Office, 2 x Sur Room