NEXUS MARINE



PEGASUS III

The Pegasus III is a multifunctional subsea survey, cable lay, and repair vessel. It features high-capacity wire storage and exceptional living quarters, ensuring efficiency, reliability, and comfort for both crew and clients.



Main Characteristics

L x B x D	291.4 × 65.6 × 31.1 ft	88.83 × 20 × 9.5 m
DEAD WEIGHT	3620 DWT	
SPEED (max)	18+ kn	
DECK AREA	640 m^2	6,888.9 ft^2
ACCOMODATION	61 POB	
FUEL OIL	927.1 m^3	244,913 gal
FRESH WATER	998 m^3	263,644 gal
BALLAST WATER	3,754 m^3	991,902 gal

PEGASUS III

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CAPACITIES DECK

Deck Cargo	**2,180 Lt**	**2,214 mT**
Fuel Oil	**244,913 gal**	**927.1 m³**
Lube Oil	**3,460 gal**	**13.1 m³**
Portable Water	**263,696 gal**	**998.2 m³**

MACHINERY

Diesel Electric Vessel	
Propulsive / Total HP	**17,280 kW / 23,173 HP**
Propellers	**(2) CP MAIN 2×8,600 kW**
Kort Nozzles	**(2) YES**
Primary Generators	**(2) 2,800 kW 690 V 60 Hz**
Driven by:	**AvK Shaft Alternators**
Secondary Generators	**(2) Auxiliary Generator Sets**
Driven by:	**Cummins KTA38M2 822 kW 690 V 60 Hz**
Driven by:	**Cummins QSK60-D(M) 1,600 kW 690 V 60 Hz**
Emergency Generators	**104 kW 690 V 60 Hz**
Driven by:	**(1) Mitsubishi 6D16TT**
Bow Thruster	**(1) Rolls Royce 900TV 1,200 kW**
Swing-Up	**(1) Rolls Royce Tens 83/56-220 1,100 kW**
Compass Thruster	**(2) Rolls Royce 250TV 880 kW**
Side Thruster Aft	
Ruders/Steering Gears	**(2) High Lift Flap Rudders, (2) Steering Gears**

REGISTRATION

Flag:	**Panama**	Builder:	**Ulstein**
IMO Number:	**9257929**	Class:	**DNV: +1A1, SV, COMF(V3), DYNPOS(AUTR), E0, SF**
Year Built:	**2002**		
Tonnage:	**4783ITC 1435NITC**		

ACCOMMODATIONS

Staterooms	**(7) 1-man (27) 2-man**	Full Gym	**(1) Yes**
Number of Berths	**61**	Conference Room	**(1) Yes**
Galley Seating	**24**	Lab	**Yes**
Lounge	**(1) 14 & 8 seats**	Client Office	**(5) Yes**
Hospital	**Yes**	Special Operations Center	**(1) Yes**

SPECIAL FEATURES

Misc. Cable Tanks	**(2) Internally Integrated**
Joystick Controls	**Yes**
Stabilization System	**(2) Stabilizer Tanks**
Rescue Boat	**SOLAS Compliant**
Dynamic Positioning	**Kongsberg KPOS DP-2**
MSD	**60 Persons**
DP Reference Systems	**(2) MRU, (3) DGPS, (1) Laser, (1) HIPAP, (2) Wind Sensors**
HIPAP 502	
Work Class ROV	**Technip FMC UHD3**
Parkburn Heavy Lift Capstan	**20 MT @ 6,000m**
Parkburn 2×6-Wheel Pair LCE	
Parkburn Track Tension	
MakaiLay Fully Integrated Suite	
MakaiLay Certified Operators	
Jointing Van	
Subcom Certified Jointers	
2 × 20MT Deck Tuggers	
Full Ocean depth EM 124 MBES	
Sub Bottom Profiler	
Kongsberg Survey & Correction Suite	

ELECTRONICS

Radar(s)	**2**
Radio(s)	**VHF 3 SSB 2**
Depth Sounder(s)	**2**
Magnetic Compass	**1**
Gyro Compass	**1**
DGPS	**3**
Wind Speed Indicator	**2**
Echo Sounder	**1**
Doppler Log	**1**
NAVTEX	**1**
WeatherFax	**1**
EPIRB	**3**
GNDSS	**1**
Sat Com	**2**

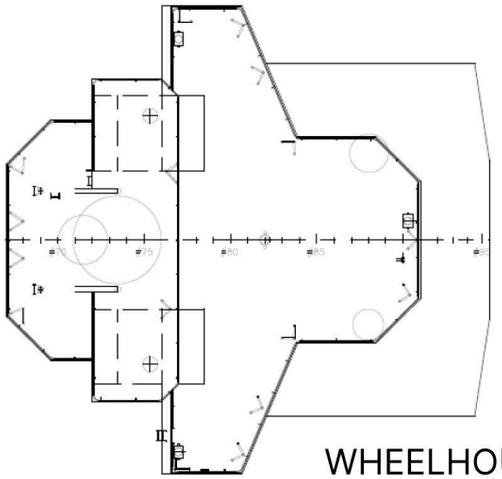
VESSEL MOORING

Anchors	**(2)**
Windlass	**(2) Rolls Royce Brattvag BFM**
Mooring Winch	**(1) Rolls Royce Brattvag MEM**
Capstans	**(2) Hydrakraft AS**

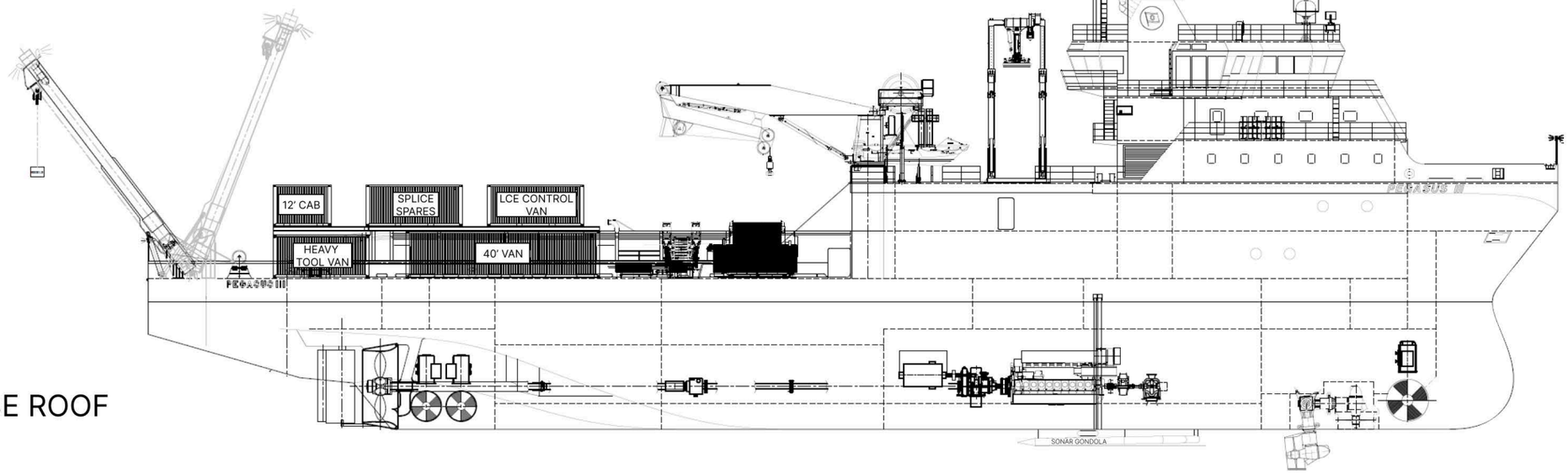
DECK EQUIPMENT

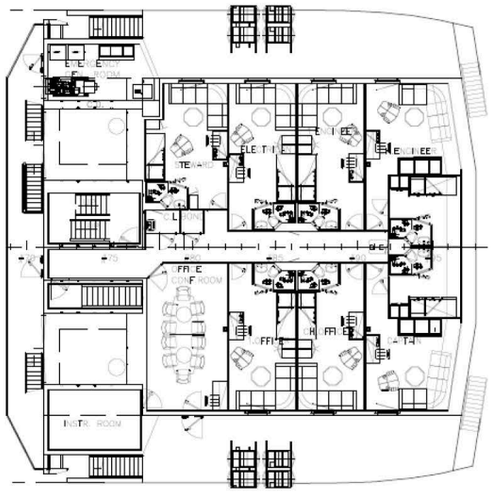
A-Frame	**30 T**
Main Working Crane	**TTS GPFO 630 25 T capacity**
Work Provision Crane	**TTS GPO 320 10 T capacity**



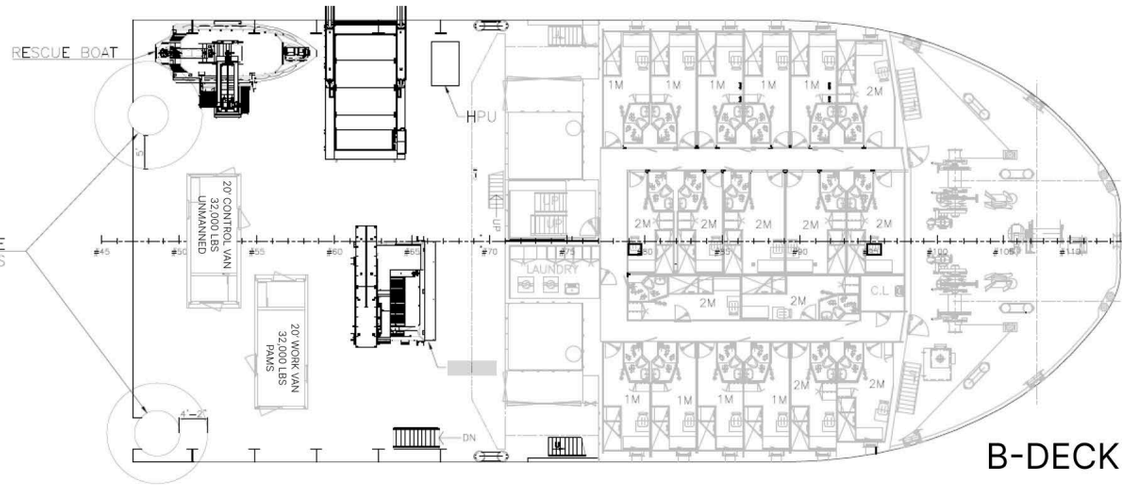


WHEELHOUSE ROOF

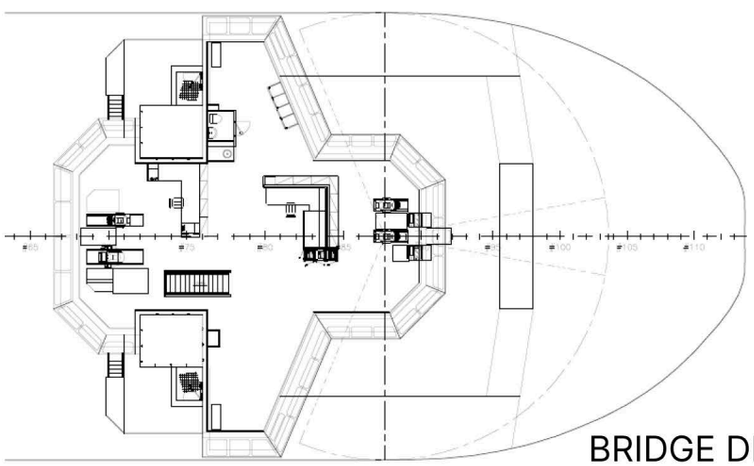




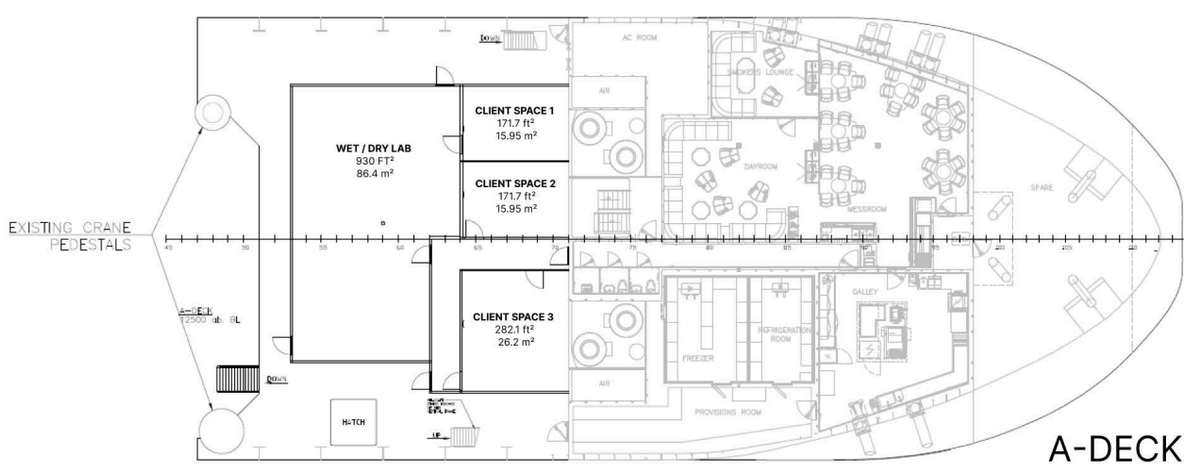
C-DECK



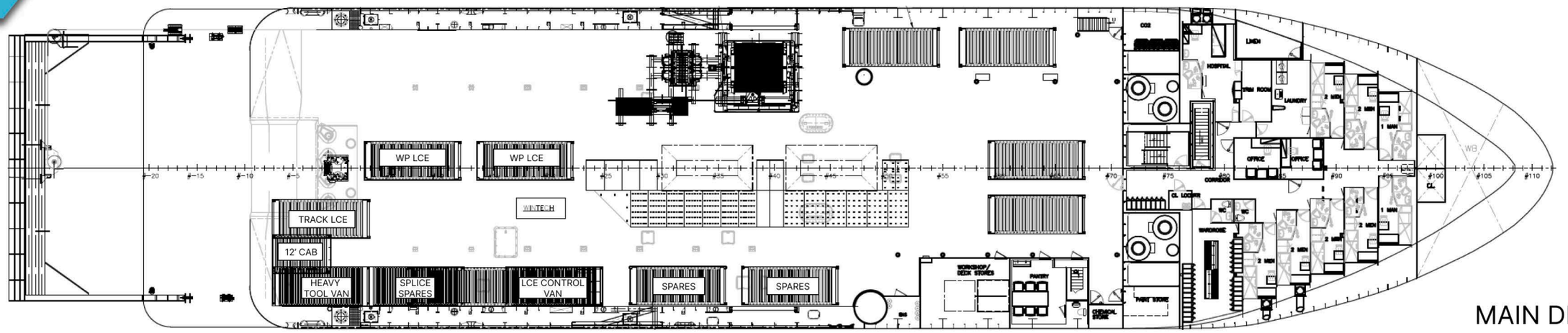
B-DECK



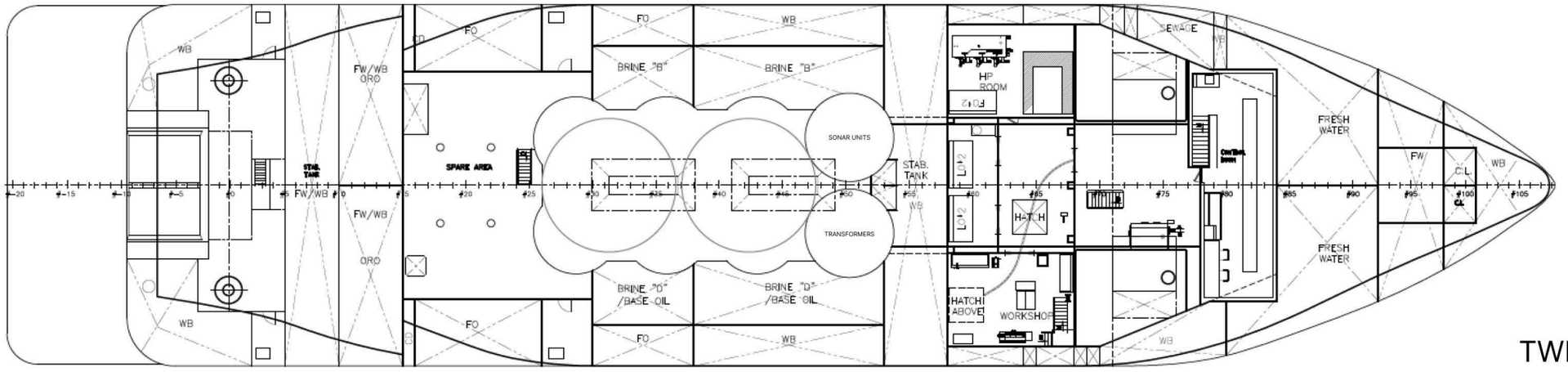
BRIDGE DECK



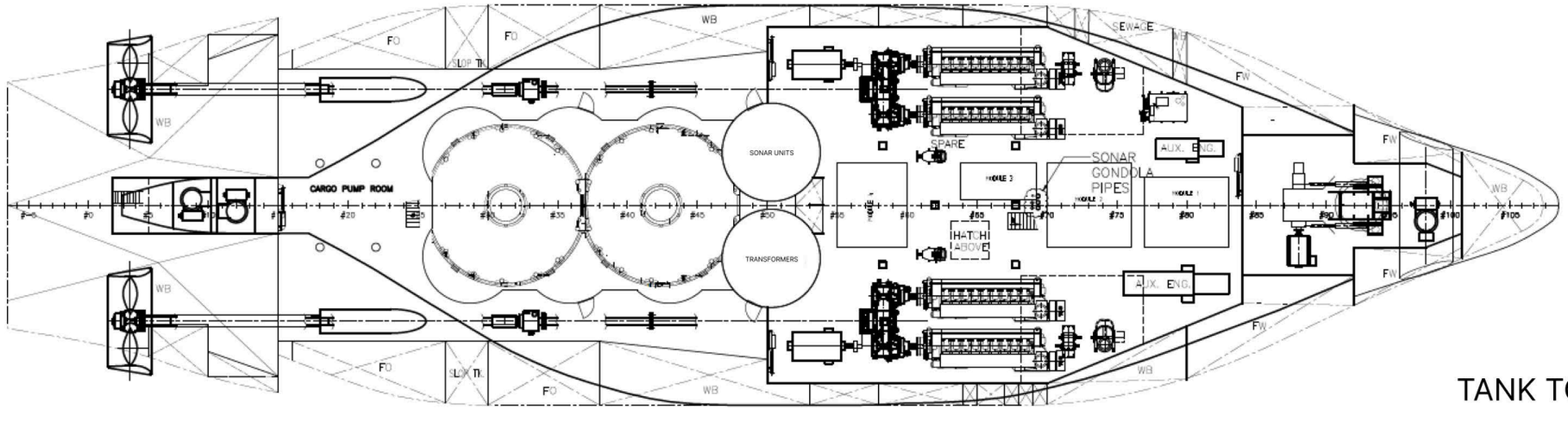
A-DECK



MAIN DECK



TWEEN DECK



TANK TOP