

NEIL MARINE

NMDF-72 MULTI PURPOSE FULLY EQUIPPED MODERN BOTTOM LINE FISHING VESSEL BUILT FOR SEYCHELLES



NMDF 72 MULTI PURPOSE FISHING BOAT WAS BUILT FOR FONGONG FISHERIES, SEYCHELLES BY NEIL MARINE DESIGNED FOR BOTTOM & DROP LINE FISHING POWERED BY TWIN DOOSAN MARINE DIESEL ENGINES OF 285 HP EACH FOR SPEED AND EASE OF MANOUVERABILITY.

COMFORTABLE ACCOMODATION FACILTES ARE PROVIDED FOR THE SKIPPER AND THE CREW FOR A LONGER STAY IN SEA WITH A TOTAL FUEL CAPCITY OF 12000 LTRS. TO HANDLE LONGER FISHING TRIPS.

FISH HOLD COMPARTMENTS CONSIST OF INSULATED AND RFRIGERATED FISH AND BAIT HOLDS AND A BLAST FREEZER COMPARTMENT.

FISH HOLD COMPARTMENTS ARE FITTED WITH BITZER & LUVE REFRIGERATION SYSTEM TO CONTROL TMPERATURE CONDITIONS OF -40C IN THE BAST FREEZER AND FISH HOLD COMPARTMENTS AND -20C IN THE BAIHOLD IN ORDER TO MAINTAIN OPTIMUM QUALITY OF THE FISH CATCH. REFRIGERATION SYSTEM IS POWERED BY CATEPILLAR MARINE GENERATORS.

SET OF FULLY AUTOMATED ELECTRIC JIG RIGGRES IN COMBINATION WITH HYDRAULIC JIG RIGGERS ARE FITTED FOR BOTTOM AND DROP LINE FISHING.

COMPLETE SET OF FURUNO NAVIGATIONAL & COMMUNICATION EQUIPMENT ARE FITTED IN COMBINTION WITH AN AUTO PILOT.

BOAT SPECIFICATION

MOULDED WITH ISOPHTHALIC RESIN AND GELCOATS USING ONLY LLOYDS REGISTER OF SHIPPING (UK) OR INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES MEMBER TYPE APPROVED MARINE GRADE GRP MATERIAL

HULL- FIBRE GLASS HULL REINFORCED WITH POLY URETHANE FOAM TRANSVERSE FRAMES AND LONGITUDINALS GLASSED

DECK -FIBRE GLAS DECK WITH MOULDED NON SKID SURFACE REINFOCED WITH HARD WOOD DECK BEAMS AND POLYURETHANE LONGITIDINALS GLASSED OVER

Length Over All	72 Ft,	(22.0 Mtrs.)
Beam	18 Ft 5 inch.	(5.60 Mtrs.)
Draft(Unladen)	6 Ft.1 inch	(1.85 Mtrs,)
Displacement (Light)	40 Tons.	approx.
(Loaded)	90 Tons.	approx.
Engines HP	Twin Doosan L086TIH of 285 HP each	
Catepillar Marine Generators	C 4.4 of 86KW & 38KW	
Insulated and Refrigerated Holds fitted with BITZER and LUVE refrigeration system		
Minus 40 C Refrigerated and Insulated Fish/Hold Volume	36 M3	
Minus 40 C Refrigerated and Insulated Blast Freezer Hold Volume	7.6 M3	
Minus 20 C Refrigerated and Insulated Bait Hold Volume	6 M3	
Fuel Tanks Capacity(GRP hull wing tanks)	12,000 Ltrs.	
Fresh Water Tanks Capacity(GRP hull wing tanks)	5500 Ltrs.	
Number of Crew	10 Crew	

Vessel General Arrangement consist of

Fore peak, Bait Hold, Fish Hold, Slurry Tanks, Engine Room & Rudder &Steering Hull compartments

Forward crew cabin with 6 bunks and lockers.

Wheel House fitted on aft deck with Helm console with wheel,4 bunks .chart table and Lockers , Galley with cooker and sink with fresh water tap fitted on work top,

02 nos.Toilet Compartment with a marine WC and a wash basin with fresh water tap.

24 Volts DC main electrical system with Battery Banks for engine start and service lighting & equipment

Vessels lighting consist standard vessel lights, navigation and fishing lights.

Pressure fresh water system with tap outlets in galley and toilet

Fwd. and Aft Mooring Bollards

Bow Roller stainless steel

Anchor Windlass

Bow Pulpit stainless steel rail

Mast and Derrick

Fwd. Deck Canvas Canopy on stainless steel tubular frame work

GRP Radar Mast

Wheel house Hood Railing

Fwd. & Aft. Deck Canvas Canopy on stainless steel tubular frame work

Fishing Equipment & Fishing Gear

04 Nos..Deep Drop Commercial Hydraulic Jig Riggers

04 Nos. Deep Drop Commercial Automated Electric Jig Riggers

Navigational and Communication Equipment/Auto Pilot

(Supplier – Furuno Radio Corporation, Japan)

. Colour LCD Sounder MDL FCV 295

. VHF Model FM – 4000

. SSB Radio telephone Model ICOM M710

GPS Plotter Model GP 3500

Radar Furuno 1835

Furuno Nav 700 Auto Pilot with Wills Ridley power pack

GPS Furuno Mdl GP 33

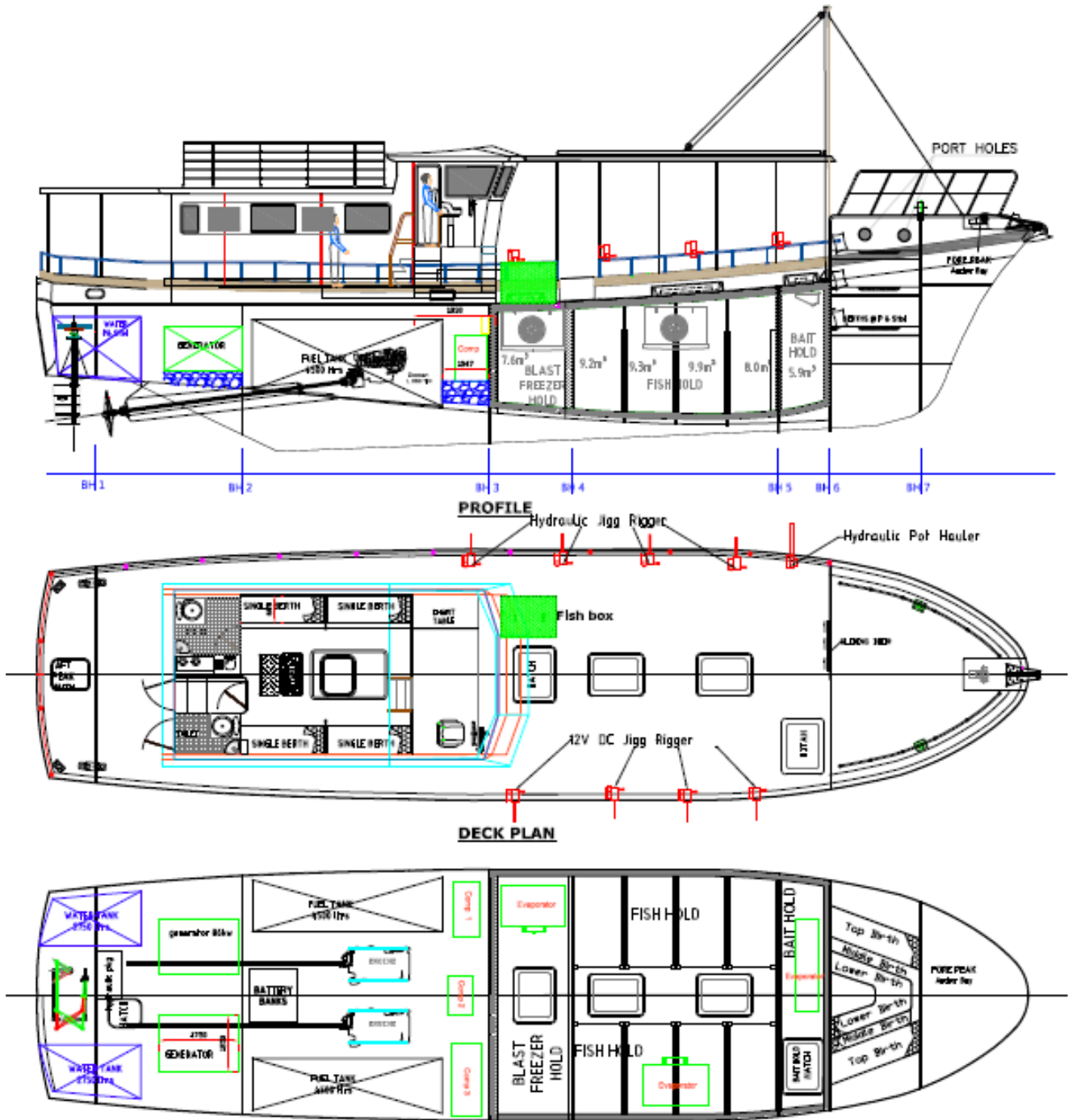
Fish Hold / Bait Hold & Blast Freezer Refrigeration System

Refrigerated fish and bait holds and blast freezer compartments with temperature conditions of Minus 40C in the blast freezer and fish hold compartments minus 20C in bait hold .

Refrigeration system powered by CATERPILLAR marine generators..



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GENERAL ARRANGEMENT

NMDF72 MULTIPURPOSE FISHING BOAT BUILT FOR SEYCHELLES