



# Taiwan SNAME

## Featured Ship of the Year 2022 in Taiwan



### DACANG - 20 GT Passenger & Cargo Craft



#### GENERAL

Vessel type	Passenger & Cargo Craft , RHIB
Hull form	Hard Chine with Wave Piercing Bow
Construction material	FRP
Flag	Taiwan

#### PRINCIPAL PARTICULARS

Length overall	15.10	meters
Length waterline	13.00	meters
Beam	3.60	meters
Draft	0.90	meters
Full load displacement	24.50	tones
Gross tonnage	19.70	GT

#### PERFORMANCES

Cruise speed	18	knots
Maximum speed	23	knots
Range	200	nm

#### PAYLOAD

Crew	2	persons
Passenger seats	35	persons
Accessible seats	1	persons
Luggage & Provision	2.2	tones
Cargo space	1.5	m <sup>3</sup>

#### TANK CAPACITIES

Fuel	1400	litres
Fresh water	200	litres
Black water	50	litres

#### DESIGN STANDARD

Structure	ISO 12215-5, HEAVY-DUTY WORKBOATS
Stability	ISO 12217-1 / ISO 6185-4 , Category B

#### MACHINERY

Main engines	VOLVO D8-MH 2 x 313kW @ 2200rpm
Gearbox	2 x ZF 325
Generator	Northern Lights 2 x 12kW @ 1800rpm
Propulsion	2 x Fixed-Pitch propellers
Steering	2 x SEA FIRST Hydraulic Steering 2 x International Fluids PTO

#### NAUTICAL & COMMUNICATION EQUIPMENT

Display / Charts / GPS	1 x Raymarine AXIOM PRO MFD
Radar	1 x Raymarine RD424HD, 48 nm
Transducer	1 x AIRMAR, depth, speed log
Anemometer	1 x Raymarine i60
VHF	1 x ICOM IC-M506

#### OPTIONAL / MISCELLANEOUS

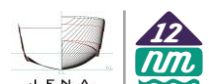
Collar System	Heavy duty foam filled Hypalon tube
Liferaft	2 x Survitec MK141 20P
Fire extinguisher system	Sea-fire FM200
HVAC	Air-con. 25,000 BTU + 20,000 BTU
wiper	2 x SPEECH Straight line wipers
Custom built furniture	Stainless steel couch Comfort passenger seats Indirect lighting USB socket

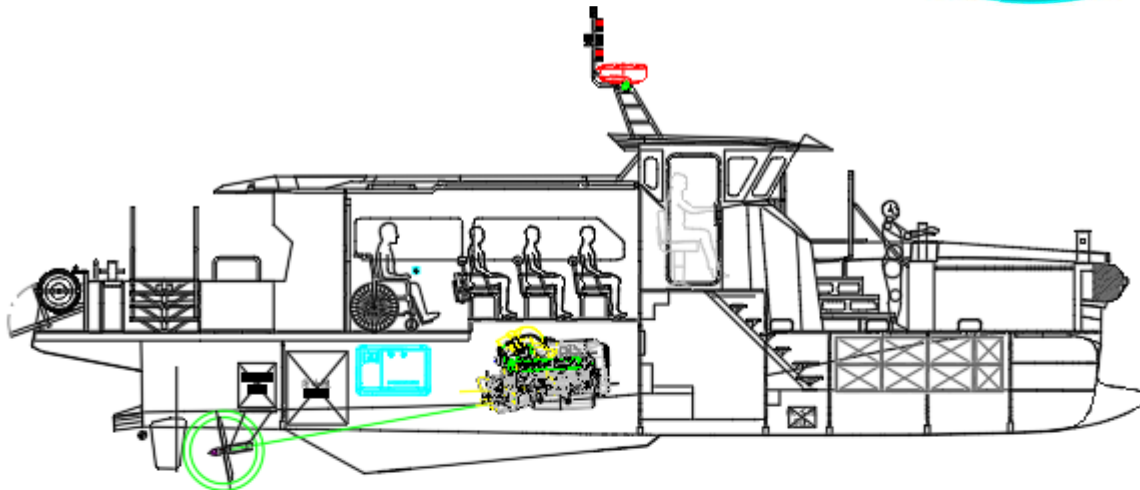
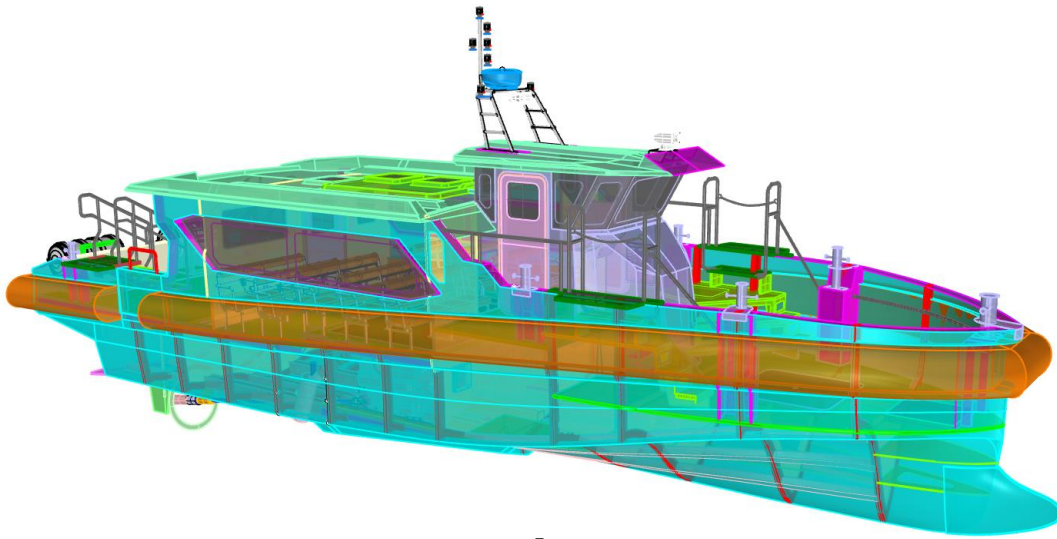
#### OWNER

Baisha Township Hall ,Penghu County, Taiwan (R.O.C)

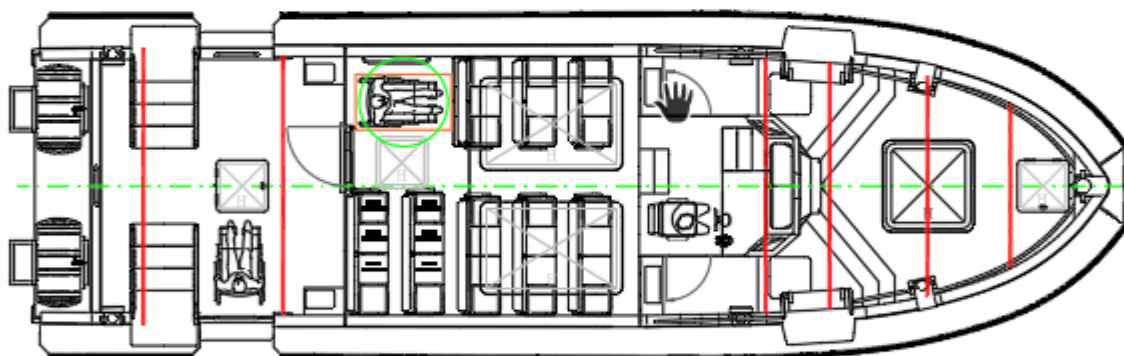
#### BUILDER & PROJECT MANAGEMENT

Designer	J.F.N.A
Shipyard	JIOU CING SHIPBUILDING
Project Management	12NM team

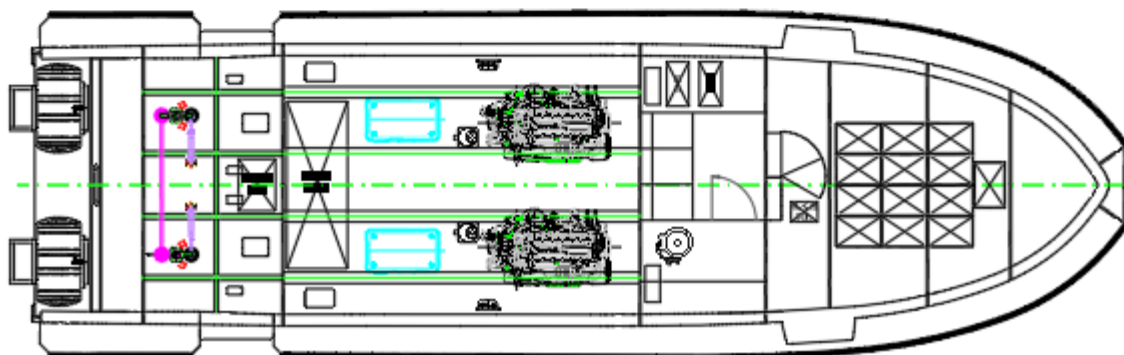




Profile



Main Deck



Lower Deck

DESIGN & ENGINEERING CONSULTING | PROJECT MANAGEMENT | SURVEY



扶正造船技師事務所  
James Fwu Naval Architect Firm



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