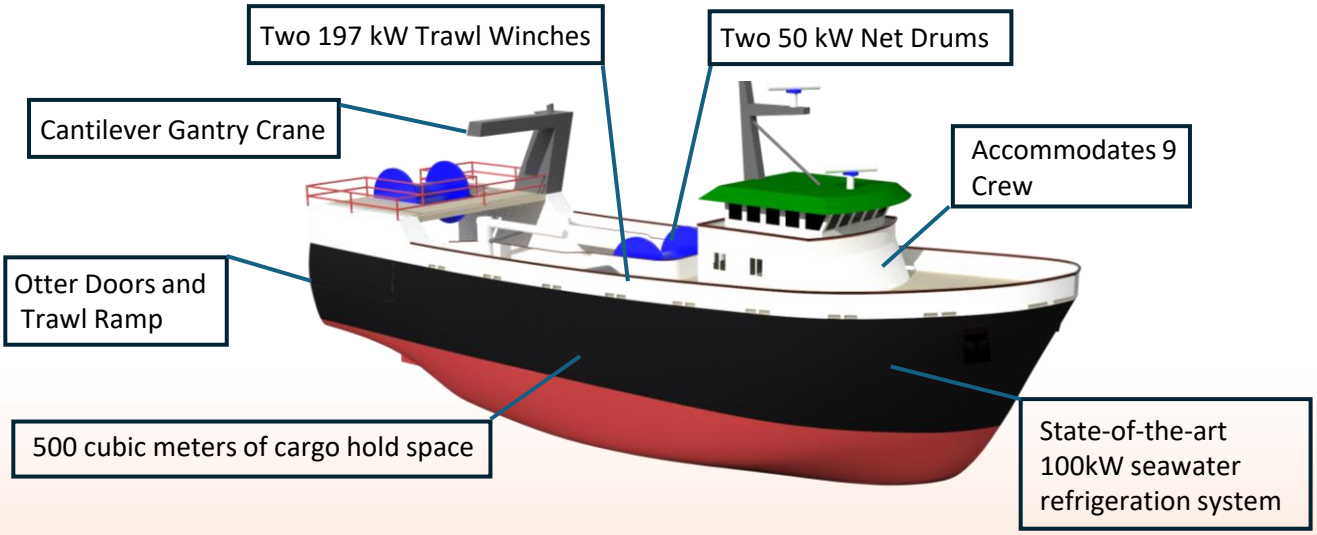
FISHING LINES PRESENTS

F/V *BARRAMUNDI ATLANTIC*



VESSEL DATA

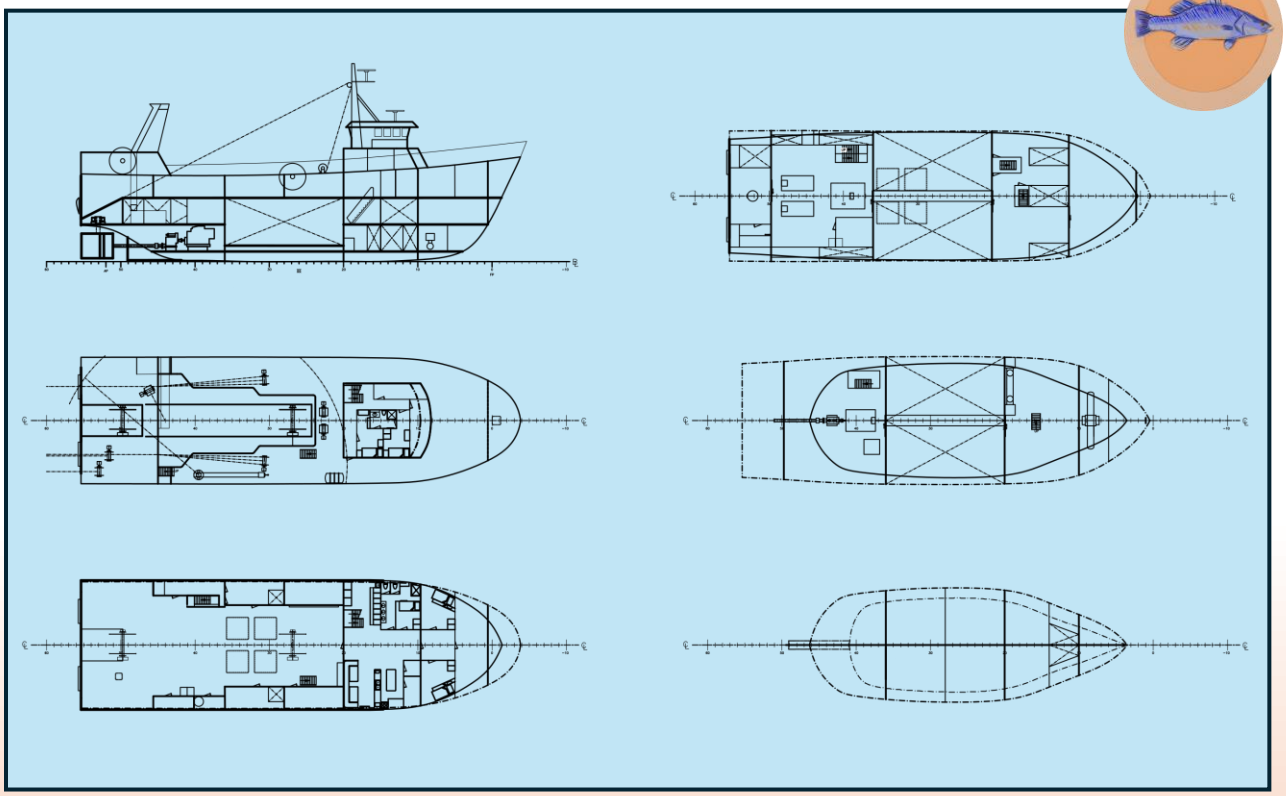
General Particulars	
LOA	41m
LBP	36.4m
Beam	12m
Depth	6m
Draft	4m
Displacement	1184MT
Performance Characteristics	
Approx Trawling Speed	3.5kts
Approx. Transit Speed	11kts
Endurance	20 days
Powering	
Main Engine	CAT 1352E
Service Generators	3x CAT C32 Marine Gen
Machinery	
RSW Unit	100kW
Trawl Winches	2x 197kW
FW Gen. Method	RO
Cargo Capacities	
Hold 1	267m^3
Hold 2	267m^3
Tank Capacities	
Fuel Oil (B20)	72.2m^3
Freshwater	13.2m^3
Lubricating Oil	7m^3
Grey/Black Water	8m^3
Oily Waste	2.6m^3

MISSION

The F/V *Barramundi Atlantic* is a multi-purpose fishing trawler that operates along the eastern seaboard of the United States. The vessel works year-round and specializes in trawling bottom fish, mid-water fish, and shellfish. Throughout the year, the vessel operates along various fishing grounds depending on the season. The trawler is U.S. flagged and is classed under Japan's ClassNK regulatory requirements.

The vessel's deck machinery consists of three Gilson winches, two net reels, two trawling winches, two otter doors, one gantry crane and one telescoping boom crane. This apparatus allows for both pelagic and demersal trawling operations to occur over one voyage. A 27-degree trawl ramp and inboard non-slip trawl arena support crew safety by providing easy working environments and protection against the open North Atlantic Ocean.

GENERAL ARRANGEMENT



MEET THE DESIGN TEAM



Phoebe Garrett
Lake Oswego, OR

Work Experience:
- Brooklin Boat Yard
- Military Sealift Command
- General Dynamics NASSCO

Career Plans:
Patent or Maritime Law



Lauren Kirk
Rochester, MA

Work Experience:
- Brooklin Boat Yard
- Military Sealift Command
- Bristol Harbor Group

Career Plans:
Naval Architecture and Marine Engineering of Small Commercial Vessels or Yacht Design



Hendrix Lovett
Wichita, KS

Work Experience:
- General Dynamics NASSCO
- Military Sealift Command
- Keil Maritime

Career Plans:
Naval Architecture and Marine Engineering of Small Commercial Vessels



Abigail Ng
North Haledon, NJ

Work Experience:
- Marine Group Boat Works
- Stolt Tankers
- Viking Cruises

Career Plans:
Naval Architecture and Marine Engineering of Small Commercial Vessels