Crab Catcher 5514
Processor

**GENERAL**

Basic functions: Crab catching with conical or square pots, onboard processing, cooking, freezing and storage in a dry freezer hold and/or live crab storage in a tank.

Classification: RMRS KM, Ice3, AUT3, (REF) ★, EPP, Fishing Vessel

Flag: Russia

**DIMENSIONS**

- Length overall: 55.30 m
- Length b.p.p: 52.66 m
- Beam moulded: 14.40 m
- Depth moulded: 8.50 m
- Draught summer: 5.00 m
- Work deck area: 300 m²
- Conical pots: 8000 pcs
- or: Square pots: 4000 pcs
- Gross tonnage: 1900 GT

**TANK CAPACITIES**

- Fuel oil (MDO): 500 m³
- FW (Washing water): 85 m³
- FW (Drinking water): 26 m³
- Technical FW: 84 m³
- Sewage: 27 m³
- Dirty oil: 5 m³
- Sludge: 5 m³
- Bilge water: 6 m³
- Bait store: 50 m³

**STORAGE HOLD CAPACITY**

- Dry freezer hold: 900 m³

**PERFORMANCES**

- Trial speed: 12.0 kn
- Endurance: 45 days
- DWT at summer draught: 900 tons

**PROPULSION SYSTEM**

- Propulsion: Diesel electric
- Propulsion power: 2x 800 ekW @ 1200 rpm
- Gearbox twin: 2x in, 1x out, ratio 6.45 : 1
- Propeller: FPP, diameter: 3000 mm
- Rudder: Flap type
- Bow thruster: 360° bow jet, 530 ekW @ 1200 rpm

**AUXILIARY EQUIPMENT**

- Networks: 230/440 V 60 Hz
- Main generator sets: 3x 700 ekW / 875 kVA @ 900 rpm
- Emergency generator set: 1x 60 ekW / 75 kVA @ 1800 rpm

**DECK EQUIPMENT**

- Anchor windlass: 2x stockless anchor 1440 kg HHP
- Crane: 1x knuckle boom crane at starboard side, 3 tons @ 10 m, 1 ton @ 18 m SWL
- Loading/unloading derricks: 2 pivoted derricks of approx. 11 m length, complete with winches for slewing, luffing and hoisting blocks, hoisting capacity 5 ton.
- 3 tons, 75m, 12mm. wire

**FISHING EQUIPMENT**

- A receiving platform, a sorting table on the work deck at SB side, a release gutter for female and juvenile catch and a transport chute for crab to the live tank.
- Pot line hauler, up to 2 tons of line pull
- A bait area and bait thawing room with bait mince machine.

**PROCESSING, BOILING, FREEZING AND PACKING**

- Processing deck level: 3x manually crab butcher stations. Crusher for offal/waste. Brushing station, bleeding tank and elevator to the grinders, packing and weighing station. 2x cookers with lifting cover and 2x bins for cooling in sea water and 2x bins for cooling in RSW, 2x brine tanks for freezing and a glazing tank. Conveyor and elevator for packed product in cartons. Cartons go automatically to conveyor in dry freezer hold.

**FREEZING CAPACITY**

- 30 tons/24 hours to -18 °C in brine freezing. 30 tons/24 hours to -28 °C in freezer hold.

**ACCOMMODATION**

- A spacious air-conditioned accommodation for 30 persons, comprises 2x single berth officer cabins with own sanitary space and separate sleeping room. 6x two-person cabins, each with double berth with own sanitary space. 4x four-person cabins each with 2x double berth with own sanitary space. Communal spaces comprise mess room/day room and sauna. Service spaces comprise changing rooms (separate for factory and deck crew), galley, laundry, workshops, treatment room and ship’s office.

**LIFESAVING EQUIPMENT**

- MOB boat with davit forecastle deck on port side.
- Life rafts (2x 16 persons) at each side of the vessel.

**NAUTICAL AND COMMUNICATION EQUIPMENT**

- External communication system according to Northern Sea Areas A3. Internal communication systems, navigation systems and fish finding equipment.

- All data presented is preliminary and is subject to change without prior notice. Artist impressions and general arrangement plan may show optional equipment. Options may impact performances.