

MV Ferry Boat Inventory

Propulsion/ Machinery:

- 2x MAN V12 Common rail Turbo Diesels Built 2014
- 2 x EDC control units with displays and relay housing for bridge displays and throttle controls.
- 2 x ZF BW255P Parallel offset gearbox's
- 2 x Cummins 45 KVA Gensets
- 2 x Fire pumps. Either pump can service the entire vessel.
- Belt driven steering off Starboard motor.
- Emergency Electric steering
- Emergency Manual steering hook up

Tankage:

- 2 x 4000l Diesel
- 2 x 400l Water
- 2 x 600l Blackwater
- 2 x 400l Oily water

Bridge Equipment:

- 1 x Raymarine C125 12 inch Multifunctional display.
- A75 7 inch Mfd with downloadable chart and 18kw Raydome.
- Evolution EV1 Sensor Core for high speed multiple target tracking.
- 2 x VHF Radios
- Bilge and fire alarm panels
- Emergency stops and control panels for Generators
- Furuno sounder
- 2.5 MAN CLC 6,5 inch engine control displays
- Rexroth electronic throttle control
- Main bus and electronic DB board for vessel.
- Front loader cd system for bridge
- AV system for entire vessel
- Amp and HD ready media center for entire vessel

Cooling:

- Heat exchange aircon system for all crewed and passenger spaces

Safety:

- 4x 60 man open reversible Viking life rafts
- Life jackets for entire crew/ passenger complement including 30 for children.
- Smoke / heat detectors in all compartments

- Audio and visual alarms for all compartments
- Co2 systems for both engine rooms and auxillary compartments

Seating arrangements:

- 16 seater VIP area just aft of the bridge. Blue couches.
- 32 seats on upper deck under blue water proof Sunbrella awning
- 184 seats on lower deck
- Bridge holds Captain and engineers seats as well as seating for a further 5 crew.

Spares:

- Various for entire vessel
- Spare seats for upper deck as well as lower seating area
- Spare fabric for both vinyl and cloth seating.

Refit details:

2 x New main engines

Both gearboxes inspected and found to be in good condition. Port side box has since been overhauled.

Replaced all sea water/ black water pumps.

Replaced all bilge sensors and bilge pumps.

All through hull valves replaced

New sea water traps for both engines and gensets

New fuel lines and valves for both main engines and gensets

New cooling pipes for main engines, Stainless steel and hard hose where required.

New insulation and paneling through both engine rooms and auxiliary compartments

Replaced all fire flaps and cabling

Cut new soft pads for engine rooms and auxiliary compartments for ease of access for swing units

All new Nav and radar equipment

New engine/ throttle controls

New engine displays and control units in engine rooms and bridge

Rebuilt existing sensor boards, upgraded all systems at the same time

All new communications gear

All new safety equipment, barring life rafts which were and still are in good condition

All new fire and/ smoke and heat sensors

We replaced about 60 % of the hull plating with 6mm 5001 series aluminium.

Replaced most of the tunnel with 6mm 5001 series aluminium

Stiffened the forward void transvers bearers with a new gusset arrangement

Had both the props and spare prop adjusted for new engines

Shafts inspected

All new cutless bearings and steering shaft bearings

Replaced fresh water pipes

Rebuilt heads from scratch

All new flooring through out vessel, interior and exterior. Fire retardant bus flooring used.

New timber over tunnel arrangement in lower deck

Installed a fan for moisture removal from tunnel arrangement

Resprayed entire interior

Faired and resprayed entire exterior

New wipers and controls for bridge

New charging system for radios and batteries

New main batteries and cabling

Replaced all lighting

New Co2 systems

New structure for exterior seating

New awning frame and awning for upper deck

New seats and vinyl for upper deck seating

New upholstery for VIP seating area

Re-upholstered all lower deck seating

New steering sensors

Both gensets overhauled

Lazer alignment at the time and twice since all still within tolerance.

New stability book and plan adjustments by Nigel Black of Black line designs.