

# Customer reference by country

- Annually, we handle ~ 290 vessels of different types
- ~255 cargo vessels were maintained from 2022 to 2024





# SILVER STAR

## Reefer

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- Installation of SCR equipment: urea tanks, urea dosing unit, SCR reactor, control panel, air compressor
- Rebuilding of existing exhaust pipes to provide space for new equipment like the SCR reactor
- Manufacturing and installation of a new exhaust bypass line
- Manufacturing and installation of exhaust lines and thermal insulation
- Manufacturing and installation of urea pipelines connecting tanks, dosing unit and mixing pipe into one urea injection system
- Electrical works: new cable pulling for power up and control of the new system



# CS CARE

## Reefer

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- Intermediate survey
- Silicone coating. Bottom and vertical sides





# LAUNKALNE

## Bulk carrier

- Cleaning and painting of the hull's underwater area
- Replacement of various piping systems in the engine room
- Overhaul of electrical motors
- Withdrawal of the rudder blade and tail shaft for CPP hub overhaul and tail shaft bearing renewal
- Installation of the EconoWind VentoFoil sails



# ZINA

## Bulk carrier for transshipment operations

- 313 000 kg of steel structures fabricated
- 14 230 meters of cables laid and fastened
- 6 900 kg of pipes for the redesigned systems fitted
- Installation of twist locks for two container-type Technological Diesel Generators on the upper deck
- Disassembly of existing shipboard cranes (4 pcs)
- Relocation of the transverse coamings of cargo holds No. 2 and No. 4
- Modernization of 2 hatch covers
- Installation and connection of additional fans for the thruster room, cooling pumps for the thruster electric motor and thruster frequency converter;
- Installation of barbettes and bulkhead reinforcements for Liebherr CBG360 cranes
- Installation of a bow thruster and thruster tunnel
- Installation of an additional mooring winch
- Installation of foundations for fenders and grabs



# COOL ROYAL

## Reefer

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- Renewal of ER side seawater cooling lines
- Repair of main engine air cooler
- Hatch covers` maintenance
- Crane hydraulic cylinders serviced
- Main engine service
- Overhaul of propulsion system, bow thruster, windlass, and mooring winches
- Circuit breakers tested for electrical reliability
- Hull treatment and painting





# TUNA

## Cargo vessel

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- Full blasting and painting
- Tank and cargo holds cleaning
- Box cooler cleaning
- Rudder and propeller shaft removal
- Bow thruster overhaul
- Hatch cover renewals
- ME overhaul
- Sterntube upgrade
- ECDIS upgrade
- Radar upgrade, new 5G dome installation
- Berg propulsion control upgrade
- Lagersmit sterntube seals
- SPEMOS upgrade



# GRACE

## Cargo vessel converted into cable recovery vessel

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- 5 cable tanks: manufacturing and installation | 72t
- Cable walkway: manufacturing and installation | 19t
- Cable roller: manufacturing and installation | 4t
- Bow chute: manufacturing and installation | 4t
- Rebuilding of the cargo hold ventilation casing and forward mast. Relocation and rebuilding of forward mooring appliances
- Installation of cable recovery winch and tensioners
- Installation of 10-40 ft containers (7)





# ARCTIC ROCK

## Cargo vessel

- Routine dry-docking works
- Application of the Hempaguard X7 on the 2150m<sup>2</sup> of surfaces
- Propspeed coating on the propeller



# BOTHNIABORG

## Cargo vessel

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- 2nd special survey
- Steel renewals on the ramp
- ME overhaul
- Overhaul of main bearings, stern thruster motor
- Overhaul of adjustable pitch propeller
- Inspection of water ballast tanks and fuel oil bunker tanks
- Piping renewals
- Replacement of stern thruster tunnel



# SAIMAAGRACHT

## Cargo vessel

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- Hull treatment and painting
- Propeller shaft seals inspected and repaired
- Bow thruster maintenance
- Valve overhaul
- Piping and steel works





# MSC MANDY

## Container vessel

- 123 tons of steel replaced in cargo holds & ballast tanks
- Repair of 34 hatch covers. 1500 m rubber replaced. Rubber channel repairs. 12,000 kg metal renewal
- Bilge piping replacement. Overhaul of valves
- Repair of 4 ballast pump el. motors
- Renewal of the stern tube seal and rudder pintle bearing
- Installation of BWTS, ICCP system
- New MMG propeller (speed upgrade)
- Installation of RB & FFLB davit  
(+ material supply)



# ESCAPE

## Container vessel

- Air | Oil | Exhaust line piping works
- Steel renewal
- Electric cables renewal
- Sensors and components replacement