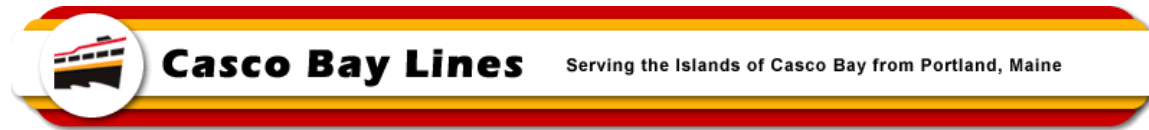


MEMO



TO: File

FROM: Paul D. Pottle, Director of Projects

DATE: February 5, 2025

SUBJECT: Construction Progress Report for MV Battery Steele - #12

This report covers construction at the Senesco Shipyard for the months of December 2024 and January 2025. The shipyard continues to make progress on many of the systems but still is struggling with manpower efforts for certain portions of the work. There was a large focus on getting painting and insulation work advanced as far as possible so that they could prepare for the installation of the various pieces of mechanical and electrical equipment. They also continued to install the various foundations that are needed for every piece of equipment. With most of the foundations in, the shipyard was able to begin the fabrication and installation of the floor framing in the voids and the engine room. They also started some of the work associated with fabricating the floor panel components to set in the frames. Work was also advanced on the cooling systems for various areas of the vessel and the keel cooler guards were fabricated and the installation of those guards also began. Additional submissions were made to the Coast Guard, and some approvals were received. Inspections by the US Coast Guard are ongoing, with no major issues identified as of this writing. The Coast Guard is on site several times per week inspecting work completed since their last visit and signs off on work that meets the standards.

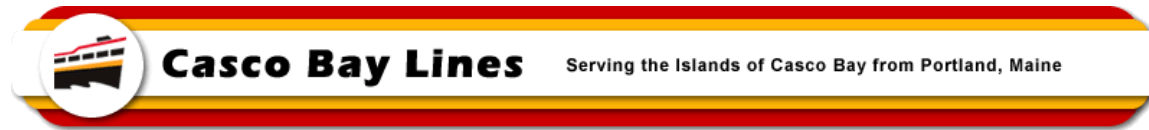
The electrical contractor for the shore charger was able to install the control panels as well as the wiring for the shore charger and made connections within the charger itself.

CBL staff met with Senesco Management to discuss the current status on the delivery of the vessel to Maine. While Senesco has explained that they continue to struggle with certain manpower issues as it relates to the electrical work, they have developed a plan to try and overcome those issues and advance the outstanding work as quickly as possible. They did outline some key areas that had the largest potential to impact schedule, and they will keep a mindful focus on those areas to avoid further delays. The most current schedule now calls for the vessel to be delivered to Casco Bay Lines in Portland by Mid-September of 2025. Senesco will be formally requesting a contract extension and will also ask CBL to consider not assessing LD's. Nothing was agreed to at the meeting, only a commitment that we would review the request seriously but would also need to ensure that our additional costs for the project were accounted for.

The following is a brief overview of the work done from December 1st, 2024 to January 31st 2025:

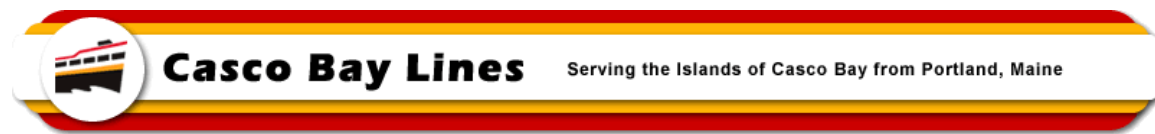
- Painting throughout the vessel to include, but not limited to the outside decks, superstructure of the vessel, compartments, pilot house, passenger cabins, switchboard rooms, voids, engine room and on various foundation frames and handrail systems.
- Continued to fabricate, paint and install equipment foundation framing along with the grating floor framing throughout the vessel.

MEMO



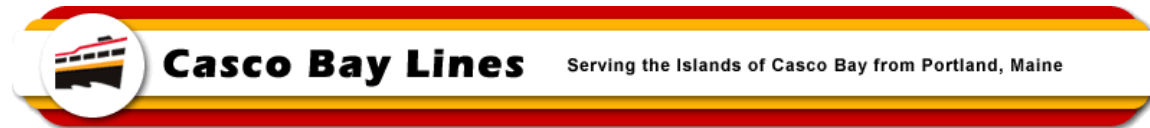
- Continued with insulation installation in various areas around the vessel
- Advanced some hydraulic piping work
- Fabricated and installed the two, man overboard davits
- Fabricated and began to install the keel cooler guards
- Fabricated and painted the cooling tanks for several pieces of equipment
- Fabricated, painted and began installing lighting foundations that hang down from ceiling areas
- Fabricated, painted and installed sliding gates
- Installed some of the piping, valves and pumps associated with the cooling systems
- Continued to work on and provide production packages to support the construction activities
- Made additional submissions as well as responded to inquiries for the US Coast Guard
- US Coast Guard continues to have a presence at the shipyard, inspecting completed work and signing off on areas that have passed the inspection
- Worked on removing any excessive deflection in the deck plating
- Fabricated a mock-up Pilot House console for the CBL captains to go and look at and suggest changes prior to the fabrication of the permanent consoles. The captains are scheduled to visit the yard in early February
- Started installing wireway and cableway penetrations in the engine room
- CBL's electrical contractor was able to install the control panel for the operation of the charger, run the main cables and make all of the connections. The first commissioning phase for the charger will take place when the weather is warmer, and the vessel is closer to being delivered. The final phase of that commissioning will occur when the vessel is on site and all aspects of the system can be integrated and tested with the vessel.

MEMO



5460 – Looking at the Stern of Battery Steele

MEMO



5465 – Light Supports and Partially Painted Structure



5466 – Typical Light Support Installed

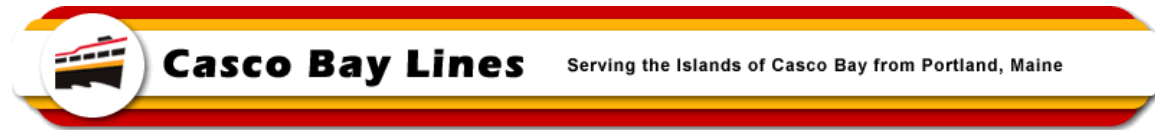


5468 – Marked Light Supports for Installation

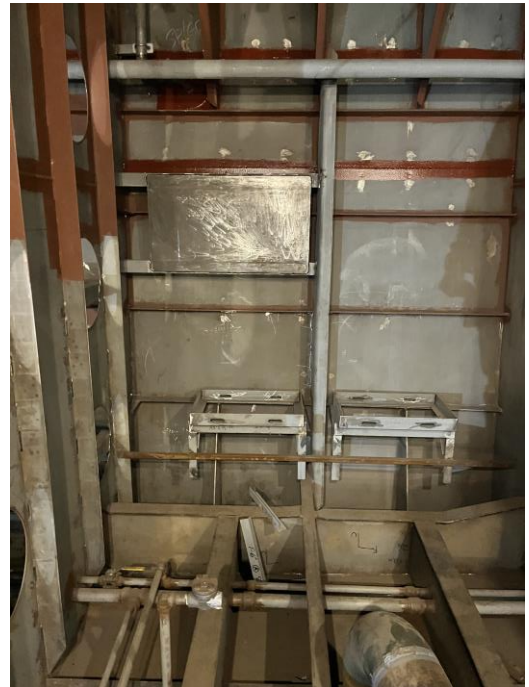


5469 – Typical Light Supports Installed

MEMO



5471 – Mast on PH with Lookout Perched



5478 – Engine Rm & Generator Charger Foundations

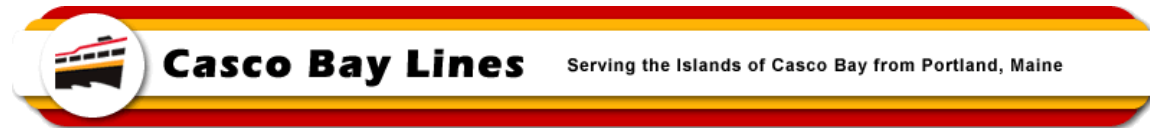


5493 – Fabricating Keel Cooler Guard



5494 – Components of Keel Cooler Guard

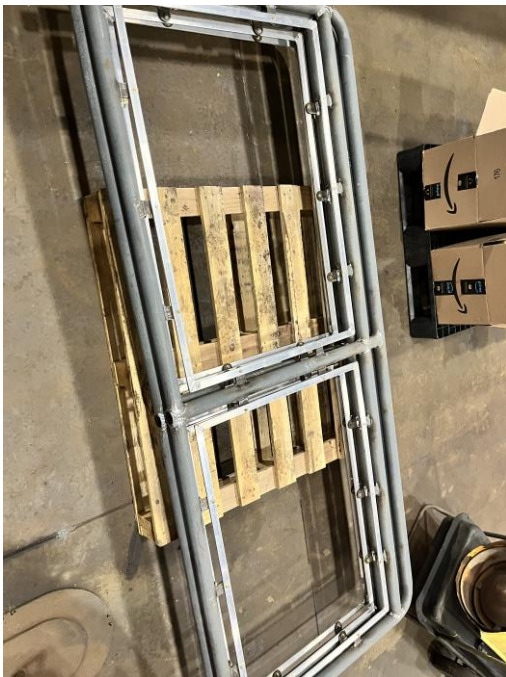
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5501 – Expansion Tanks for Cooling Systems



5502 – Expansion Tanks for Cooling Systems

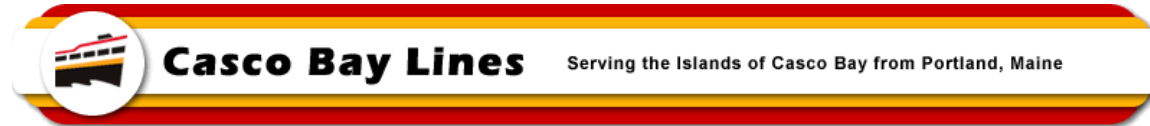


5504 – Fabricating Sliding Gate Frames



5505 – Fabricating Sliding Gate Frames

MEMO



5505 – Man - Overboard Davit Arm (Forward Starboard)



5507 – Man - Overboard Davit Arm (Port Aft)

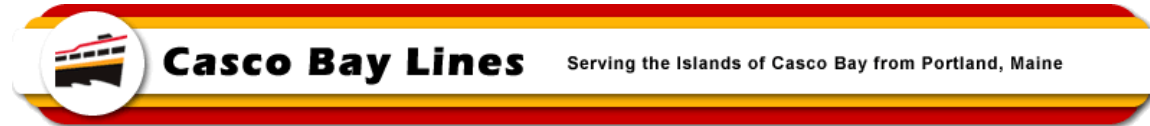


5508 - Man - Overboard Davit Arm

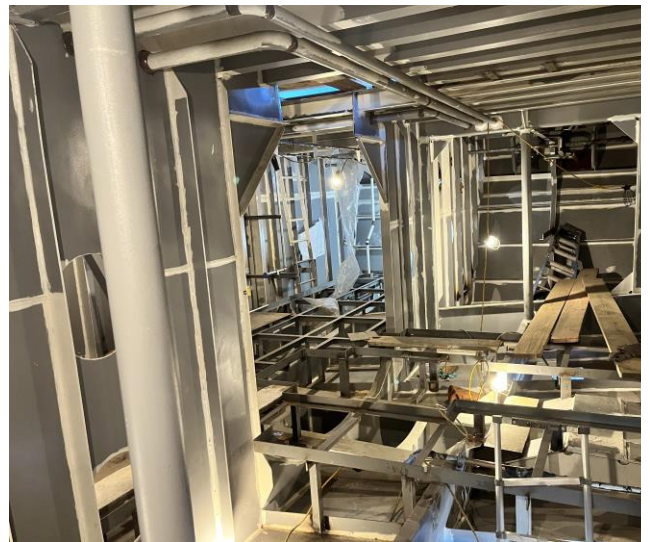


5509 – Man - Overboard Davit Arm

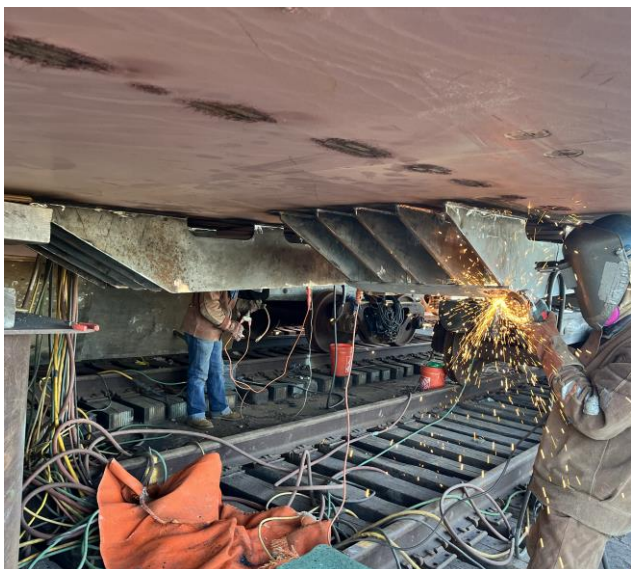
MEMO



5511 – Floor Framing for Engine Rm and Switchboard Rooms



5519 – Engine Rm Partially Painted and Floor Framing Being Installed



5575 – Installing Keel Cooler Guard



5576 - Installing Keel Cooler Guard

MEMO

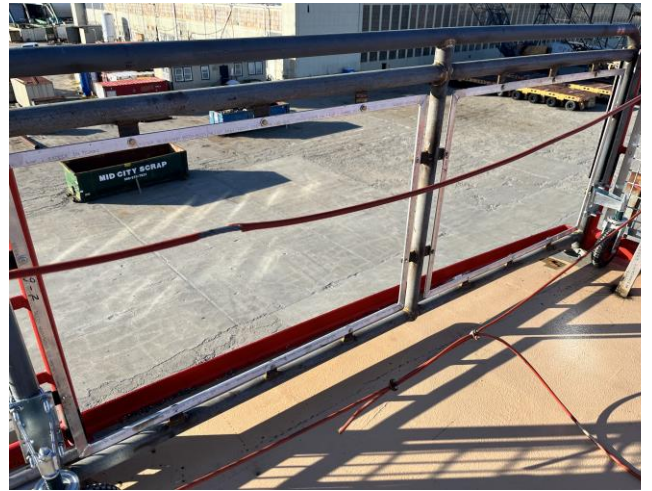


Casco Bay Lines

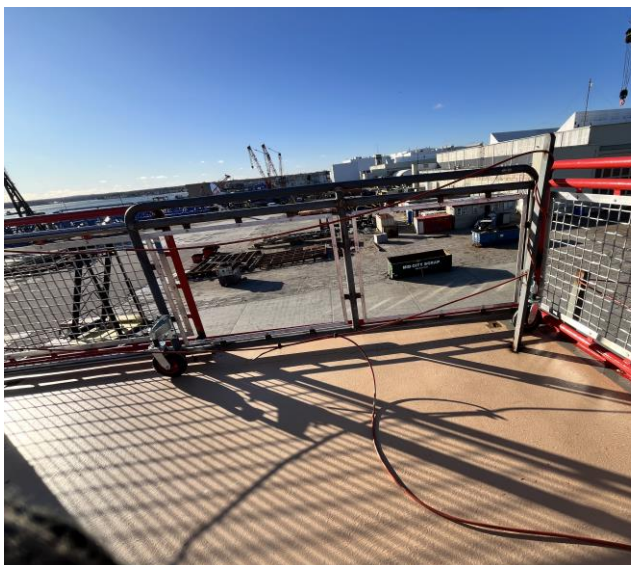
Serving the Islands of Casco Bay from Portland, Maine



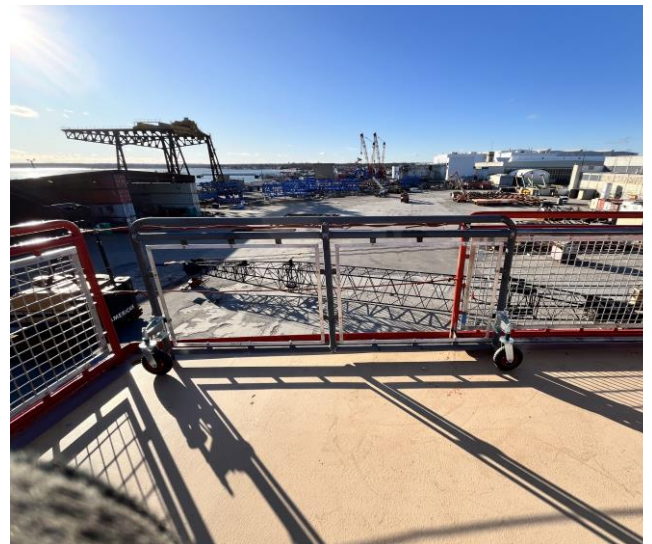
5577 – Installing Keel Cooler Guard



5578 – Installing Sliding Gate (Star 02 Aft)



5579 – Installing Sliding Gate (Star 02 Aft)



5581 - Installing Sliding Gate (Star 02 Forward)

MEMO

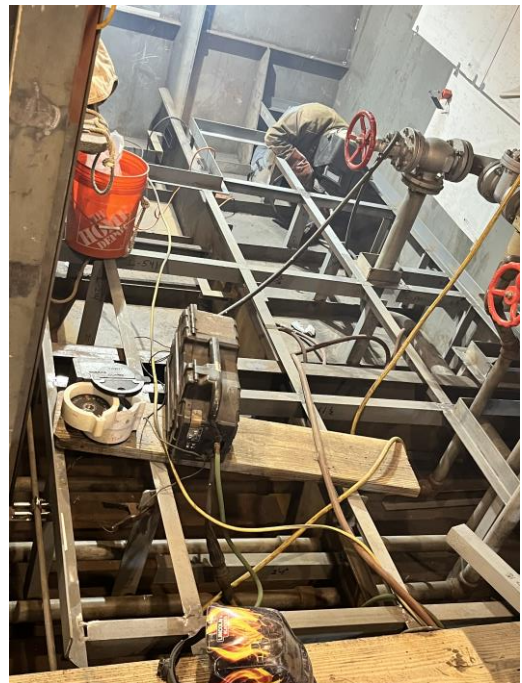


Casco Bay Lines

Serving the Islands of Casco Bay from Portland, Maine



5582 – Floor Framing in Engine Rm by Stairs



5583 – Floor Framing in Engine Rm

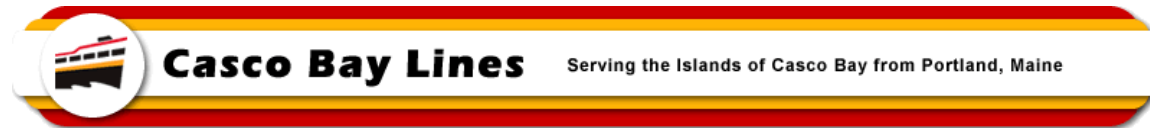


5584 - Floor Framing in Engine Rm



5642 - Floor Framing in Engine Rm by Stairs

MEMO



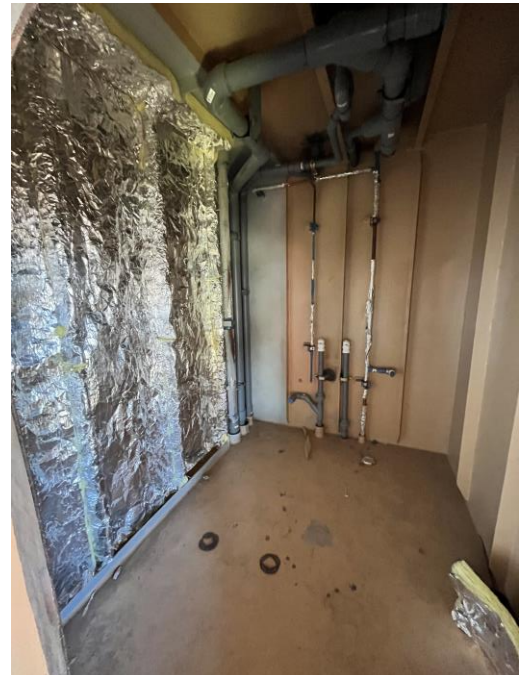
5640 – Insulating Starboard Main Deck Cabin



5641 – Insulating Starboard Main Deck Cabin



5647 – Cabin Insulation



5648 – Insulating one of the Rest Rooms

MEMO



Casco Bay Lines

Serving the Islands of Casco Bay from Portland, Maine



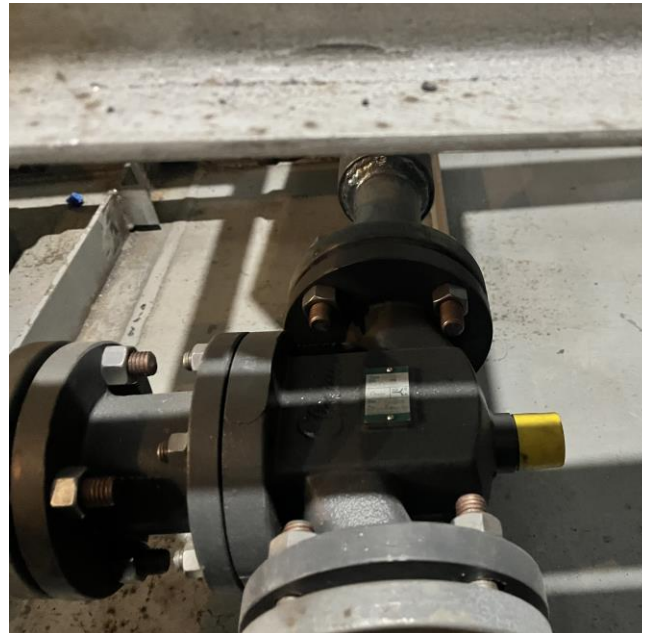
5643 – Floor Framing in Void 3



5644 – Floor Framing in Void 3



5645 – Propulsion Cooling Motors in Engine Room



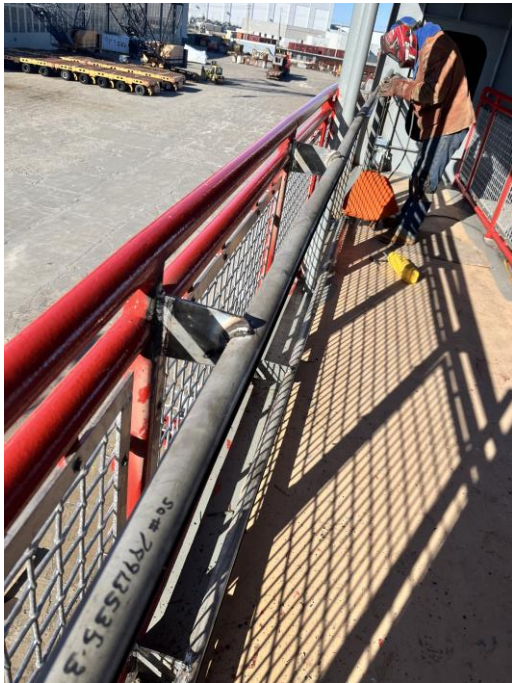
5646 – Pipe/Valve connection

MEMO



Casco Bay Lines

Serving the Islands of Casco Bay from Portland, Maine



5649 – Sliding Gate installed (Starboard Aft)



5650 – Sliding Gate installed (Starboard Aft)

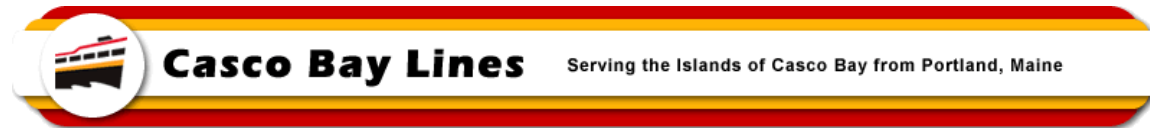


5690 – Insulating in Switchboard Room 2



5691 - Insulating in Switchboard Room 2

MEMO



5706 – Insulating in Switchboard Room



5708 – Floor and Foundation Framing in Engine Room



5709 – Welding on Floor Framing in Engine Room



5716 – Propulsion Cooling System Piping and Pump

MEMO



5742 – AC Elec Panel Foundation in Elec Rm Below Pilot House



5743 – Insulation in Elec Room below Pilot House

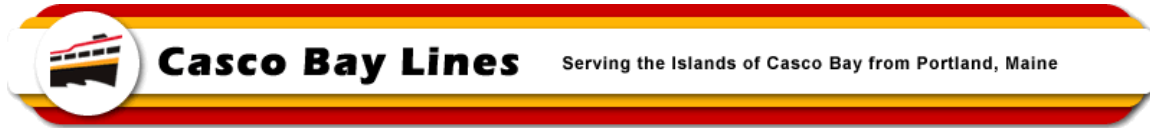


5744 – Insulation in Crew Lounge on 02 Deck

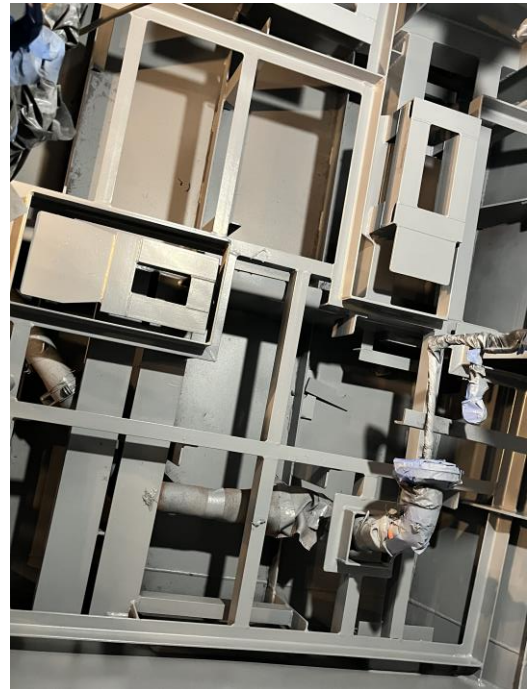


5745 – Insulation in Crew Restroom on 02 Deck

MEMO



5746 – Paint Behind Engine Room Stairs



5748 – Paint Behind Engine Room Stairs

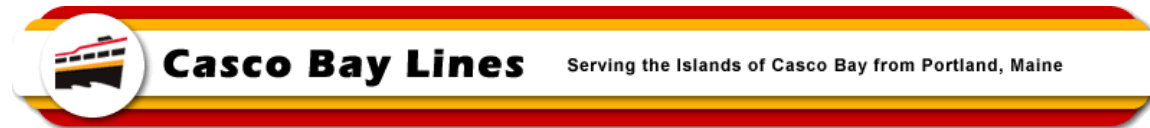


5749 – Shaft Trough in Void 2 and Floor Framing



5750 – Shaft Line in Void 2

MEMO



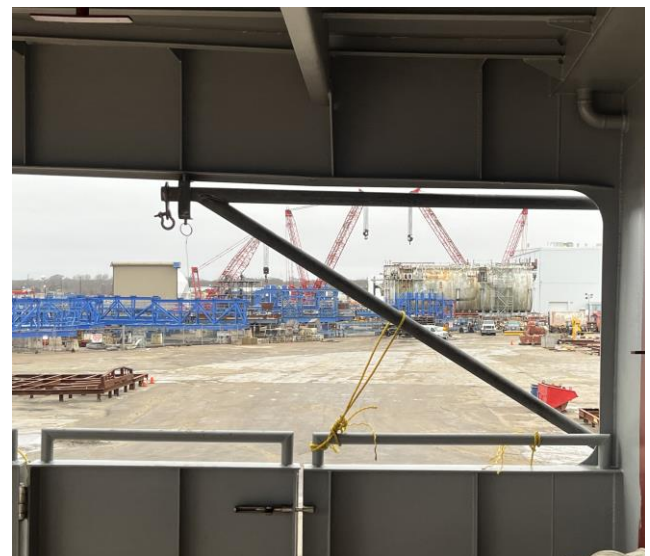
5752 – Floor Panel Sections Cut & Painted



5753 – Cooling System Expansion Tanks Painted

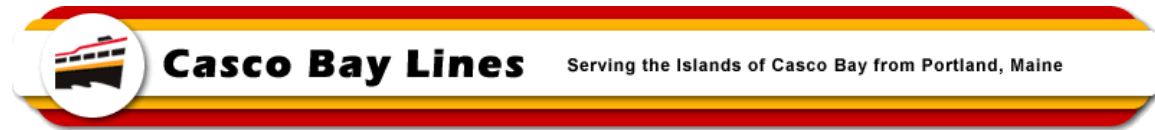


5771 – Aft Port Man Overboard Davit Installed



5812 – Forward Starboard Man Overboard Davit Arm Installed

MEMO



5518 – Port Side of Battery Steele