

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Center

US Coast Guard Stop 7430
2703 Martin Luther King Jr Ave SE
Washington, DC 20593-7430
Staff Symbol: MSC-2

16710/P019233/mse
Serial: E1-1802989
August 1, 2018

Eastern Shipbuilding Group, Inc.
Attn: Ms. Kasi Nelson
13300 Allanton Road
Panama City, FL 32401

Subj: STAFF SGT. MICHAEL H. OLLIS, O.N. 1283185, Eastern Shipbuilding Hull No. 219
SANDY GROUND, CG1437033, Eastern Shipbuilding Hull No. 220
NEW CONSTRUCTION, CG1437034, Eastern Shipbuilding Hull No. 221
320' x 70' x 21.5' Passenger Ferry (H)
4500 Passengers / Protected Waters
Various Piping Systems

- Ref: (a) ESG Dwg. No. 219-259-2, Rev. -, "AUS Dosing System Diagram", 2 sheets dated July 12, 2018
(b) ESG Dwg. No. 219-261-1, Rev. A, "Fuel Oil Piping Diagram", 4 sheets, dated July 20, 2018
(c) ESG Dwg. No. 219-264-1, Rev. A, "Lube Oil & Waste Oil Piping Diagram", 4 sheets dated June 15, 2018
(d) ESG Dwg. No. 219-530-1, Rev. A, "Tempered Water Piping Diagram", 10 sheets, dated April 18, 2018
(e) ESG Dwg. No. 219-555-1, Rev. A, "Compressed Air Piping Diagram", 6 sheets, dated May 10, 2018
(f) ESG Dwg. No. 219-558-1, Rev. -, "Deck De-icing System Diagram", 4 sheets, dated July 16, 2018
(g) ESG Dwg. No. 219-506-1, Rev. A, "Fills, Vents & Sounds Piping Diagram", 3 sheets dated July 21, 2018

Dear Ms. Nelson:

We reviewed references (a) through (g), submitted by your emails dated July 25, 2018 (MSC Document Nos. 1817825 and 1817826) for compliance with 46 CFR Subchapter H. References (a) through (f) are **Approved**. The installation, workmanship and testing shall be accomplished to the satisfaction of the cognizant Officer in Charge, Marine Inspection (OCMI). Reference (g) is **Returned for Revision**. Plans so considered are not approved and must be resubmitted for review after revision. The following comments apply:

Reference (d)

1. The two Vapor Power Model MNC-5935-AHK-35 diesel fired water heaters rated at 2,500,000 btu/hr must be designed in accordance with 46 CFR Part 53 (applies to the pressure vessel) and 46 CFR Part 63 (applies to the control system). The heaters may be accepted at the OCMI's discretion or the OCMI may require appropriate documentation be submitted to this office.

Reference (g)

2. Inconsistencies regarding the fuel tank vents are noted on the plan. Revision note A3 reflects that individual vents were added for the fuel day tanks and storage tanks and detail 3-6A depicts fuel tank vents above the main deck; however, note 27 states that the fuel day and storage tanks vent to a common overflow header that leads to the overflow tank and the overflow tank is vented on the weather deck. Further, the individual fuel tank vents shown on the hold deck view (2-5A) are not shown as penetrations on the main deck view (2-5C); only fuel overflow tank vents penetration are shown on the main deck view. Please address these inconsistencies and provide accurate details of all fuel tank vents.

3. The fuel storage, day and overflow tank sounding tubes are shown to terminate in the auxiliary machinery room and the fuel tank sounding tubes, shown in detail 3-3A, are provided with self-closing valves. As required by 46 CFR 56.50-90(c)(3), a self-closing control cock located below the self-closing valve for the purpose of ascertaining the presence of fuel shall be provided in each of the fuel tank sounding tubes. Please verify sounding tubes are located outside of a machinery space; else if located within a machinery space, revise the fuel sounding tubes to provide the sample cocks or locate the fuel tank sounding tubes on or above the main deck.

4. Note 25 makes reference to substitution of welded fittings with mechanical fittings. Note that only the materials listed on the BOM are acceptable; the use of mechanical fittings is not acceptable without providing additional fitting details or a revised BOM.

As an agreed-upon condition of your participation in the Marine Safety Center's electronic commerce program, you must provide the OCMI with a copy of this letter and references (a) through (f).

Subj: Eastern Shipbuilding Hull Nos. 219, 220 & 221
Various Piping Systems

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Please contact [REDACTED] with questions concerning our review.

Sincerely,

[REDACTED]

[REDACTED]

Lieutenant, U.S. Coast Guard
Chief, Machinery Branch
By direction

Copy: Commander, Coast Guard Sector New York, Prevention Department
Supervisor, Coast Guard Marine Safety Detachment Panama City