



23 February 2016
Project: 3655766
Task No.: T1486077/HG

ELLIOT BAY DESIGN GROUP
5305 Shilshole Ave N.W., Suite 100
Seattle, WA 98107

Attention: Mr. Matt Williamson

Subject: Staten Island Ferry, USA Flag
Shipbuilder & Hull Number: TBD
ABS ID: TBD
320'-0" (LOA) x 70'-0" x 21'-6"
Fuel Oil Piping Diagram

We have your transmittal of 10 February 2016 in response to our letter dated 07 January 2016, Task T1467714 requesting our review of the following drawing:

Drawing No	Revision No	Drawing Title
14079-200-261-1	B	FUEL OIL PIPING DIAGRAM

for the subject vessel, and with regard thereto have to advise that provided the details and arrangements be adhered to, the work is to the satisfaction of the Surveyors, and the Rules in all other respects are complied with, the same will be approved in association with the attached comments.

Since the Request for Class has not been developed and authorization from USCG has not been obtained, the above drawing has been reviewed only for compliance with the applicable requirements of the *ABS Rules for Building and Classing Steel Vessels for Service on Rivers and Intracoastal Waterways, 2015*.

Comments P-001 through P-003 are to be resolved to the satisfaction of the attending Surveyor.

Electronic copy of the drawing, appropriately stamped to indicate our review, is available through the ABS Eagle Construct Engineering Manager (O2E), Web Portal.



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If we may be of further assistance, please do not hesitate to contact Hiram Gonzalez at [REDACTED]
[REDACTED] or the undersigned at [REDACTED]
[REDACTED] Please refer to the ABS task No. when responding to this
correspondence.

Very truly yours,

Roy H. Bleiberg
Vice President of Engineering
ABS Americas

By:

[REDACTED]

Angel Moscoso
Managing Principal Engineer – Systems Group
Ship Engineering Department



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Drawing List

Engineering Office:	Houston SED Machinery - Piping & Electrical Sys.	
Submitter:	ELLIOTT BAY DESIGN GROUP (195455)	
Drawing No	Revision No	Drawing Title
14079-200-261-1	B	Fuel Oil Piping Diagram
suersite standard	0	suersite catalog sheet

Comments List

Thread No	Comment Text	Facilities	Action
P-001	14079-200-261-1 - Fuel Oil Piping Diagram	[Open]	Surveyor
ABS Comment	Please provide drip pans for all filters and strainers. In addition, drip pans are to be provided with means of drainage. Refer to 4-3-4/1.5 and 1.9 of the Rules.		
Client Response	Please see general note 12. All equipment requiring periodic maintenance will be equipped with a drip pan. All drip pans will be equipped with drain valves. 4-3-4/1.9 states that these drains "may" lead to a waste oil tank; We have elected not to do so.		
ABS Reply	Drip pans for all filters and strainers are to be provided to the satisfaction of the attending Surveyor.		
P-002	14079-200-261-1 - Fuel Oil Piping Diagram	[Open]	Surveyor
ABS Comment	We note the fuel oil valves subject to static head of oil are hydraulic operated. Please note the use of hydraulic system to keep these valves in the open position is not acceptable. Please clarify the hydraulic operation functionality accordingly.		
Client Response	Fuel oil valves subject to tank static head are not hydraulically held open. Valves are spring loaded globe valves equipped with handwheels for manual operation. When a remote actuation lever is pulled, a surge of hydraulic fluid releases the spring and the valve shuts. Please see attached information regarding LK Valves. ABS Type Approval 15-LD1359973-PDA		
ABS Reply	Fuel oil tank valves subject to a static head are to be verified the satisfaction of the attending Surveyor.		
P-003	14079-200-261-1 - Fuel Oil Piping Diagram	[Open]	Surveyor
ABS Comment	Please note that tanks containing flammable or combustible fluids are to be fitted with gauge glasses of the flat type having self-closing valves at each end; please provide the same to Fuel Tanks Level Indicators. Refer to 4-3-3/9.5 of the Rules.		
Client Response	FO Tank Level indicators are not of the gauge glass type. They are Gems SureSite		



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	<p>gauges which are welded stainless steel pipe construction with an internal magnetic float and external magnetic level indication column. Please see the attached catalog sheet. ABS Type Approval: 15-HS1354730.</p>
ABS Reply	<p>Magnetic liquid level indicators are to be installed to the satisfaction of the attending Surveyor.</p>