

**Coast Marine Services**  
**Capt. Guy Falkenheimer, Marine Surveyor-AMS-SAMS**  
**USCG Lic. Capt. 200T**  
Albany, NY 12202  
518-449-3391

Lizza Equipment/Daniel Stolz  
US Bankruptcy Court, District of NJ  
110 Allen Rd. Suite 304  
Basking ridge, NJ 07920

Survey No.LEL-7-23-2019

July 23, 2019

C/V Valuation Survey of Hopper Barge Vessel "PTC-550" Official No.1177301  
At your request, I inspected the above barge afloat in the Hudson River at the Troy wall,  
Troy, N.Y.

**Scope of Survey-**

This is to certify that the undersigned Marine Surveyor did, at the request of Daniel Stolz,  
and on behalf of Lizza Equipment and US Bankruptcy court, District of NJ, attend on  
board the subject barge on date and place indicated, in order to carry out a C/V survey,  
and has the following to report:

Dimensions of deficiencies are visually estimated. No Certificate of Inspection found.

**Particulars-**

Owners- Lizza EquipmentLeasing, LLC  
859 Willow Grove Street, Hackettstown, NJ 07840  
Official Number-1177301 Year Built:2005 Hull No. 42278  
Dimensions-LOA:200'0" Beam:35'0" Draft:12'0" Tonnage-Gross-705

**Hull and Structure-**Description and General Arrangement

Barge is an all-steel, welded frame construction, welded hopper and hull, single skin  
barge with raked square bow and stern. Barge hull has ten compartments segregated by  
six watertight transverse, six open frames and one longitudinal bulkheads with the  
following main subdivisions, from forward.

Main hopper center w/sidecks, bin walls

1. Bow rake compartment (1)
2. Eight centerline compartments (8) 4-port, 4-starboard
3. Stern square compartment (1)
4. Web frames, 6'8" OC, longitudinals, 24" OC, steel 5" X 3" L channel

**Equipment-** Nine tire fenders with various wire rope ½" & 1"

**Cargo Handling Gear-**N/A

**Inspection Status-**Certificate of Inspection-None Found

**Last Drydocked-** Reported as 2005, as new build



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**Deck Fittings-**

Twelve keels (36"), five port, five starboard, one centerline bow 36" and stern 36". Eight (8) manholes, 21" flush, 4 each port/starboard, all are gasketed and secure, bow and stern manholes are raised coamings with 4 dogs and hinged. Two buttons, Port/Strbrd bow and stern.

The bow deck has a sharp rise from main deck up approximately 18", 2" fender eyes at port and starboard deck edges,

**Conditions-**

Barge surveyed afloat without making removals or opening up to expose parts ordinarily concealed or operating machinery. No opinion is expressed or implied as to structural integrity or stability characteristics of the barge covered by this report.

Deck plating has few indents(0-1/2") scattered across deck area.

Headlog plating lightly waved and set in 0-1 1/2" between internals across length.

Rake wrappers indented 0-1 1/2"

Port and starboard side shell plating waved and set in 0- 1 1/2" between frames.

Stern shell plating light indents 0-1", wrappers indented 0-1 1/2".

Several heavy indents Port & Strbrd at deck edges (see pic's)

**Coatings-**

Coatings of hull plating on sides, bow and stern approximately failed 90%

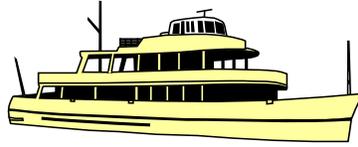
Coatings of bow deck area approximately failed 90%

Coatings of stern deck area approximately failed 90%

**Voids-**Four 21" manholes provided port & starboard wings. Inspected from deck, All have access ladders. Compartments moderate rust and scale, 0 oxygen levels anticipated, no forced ventilation provided.

Voids not entered by surveyor. Areas visible from manholes are those reported on.

Coatings in void spaces viewed failed 90%, moderate rust, water in stern void appx. 2-3' voids 2,3,4,5 apprx 1-3' standing water, bow rake dry. All manhole covers are serviceable, gasketed and are equipped with strongbacks. Barge sits 2' lower in stern than bow waterline, no list observed port to starboard. No holes observed at shell plating observed.



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Bow rake afloat at Troy wall, Troy, NY



Bow deck



Starboard deck, hullside and bin wall



Stern deck,

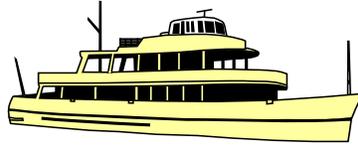


Stern hopper wall



Hopper, water 4-6" at stern





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Port side, hull, bin wall, deck



Stern ladder, framing, standing water



Stern framing



Port midship, flush manhole

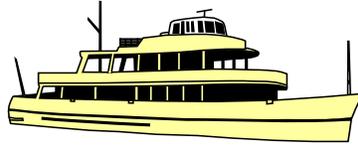


Strbrd deck heavy indent



Bin wall top heavy indent





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Starboard deck, heavy indent 1-3”      Strbrd hullside, heavy indent



Official No. 1177301, bow manhole      Bow rake framing

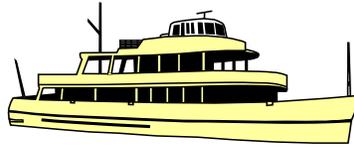


Bow rake ladder, dry



Fleeting area access





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This survey was done without prejudice and for the benefit of whom it may concern. Barge submitted for US Bankruptcy Court, New Jersey valuation and condition Fair Market value as found and equipped in this surveyors opinion is \$xxxxxxxxxxx Based on current location, Albany, NY area.

New build cost are \$xxxxxxxxxxx. based on current steel and labor cost. Each will vary depending on location, Northeast – Higher, Southwest/Gulf- Lower Value also varies on vessel Location, Northeast higher, Southeast/West, lower Due to competition, lower labor cost, transportation costs, etc.

Guy Falkenheimer  
Attending Surveyor,  
Guy Falkenheimer, AMS-SAMS  
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