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Subject: Fwd: March Barge log
Date: Thu, 07 Mar 2019 20:15:25 +0000

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From: Bill Hague <[REDACTED]>
Date: Sun, Mar 3, 2019 at 8:17 PM
Subject: March Barge log
To: Michael Glidden <[REDACTED]>, [REDACTED] <[REDACTED]>, mike grysco <[REDACTED]>

March Barge log

3-1 Friday

Head installed and engine started.
Fly to NY to inspect Bush Master.

3-2 Saturday

Snow hampers inspection of exterior.

Vessel sound but not Bristol. Plenty of system documentation. Systems have age, are not pretty, but are neat. Fire fighting system is not tested by present owner. This system is reported to be a crash bilge pumping system as well but remains untested. Upgraded propulsion controls reported and felt. Electronics reportedly functional. It's a big vessel. It has a lot of systems. Reportedly the hydraulic controls need to have the flow control increased to increase response time. Engines and generators appear neat and well maintained. In frame main engine rebuilds reported performed while owned by the NCDOT.

Some exfoliation corrosion visible in the steering compartment.

Wiring and races show age but no visible sign of defect.

Insulation. Vessel built in 1976. It is assumed it is compliant with the 1975 ban on asbestos use.

HVAC is functional in galley and berthing areas. Galley equipment present and reported functional including refrigeration and a big freezer.

Starboard engine muffler shows evidence of an exhaust leak. Rear anchor and mounting bracket starboard side, removed but held by owner. Anchor windlass and cable appear good. Port side holds a deployable heavy steel stabilizer pylon that reportedly has a new winch and controller to be installed. Main cargo deck has been plated over with reportedly 1/2" steel plate for previous loose material transportation missions. Other modifications have been made to bulwarks for utility. Cargo deck shows plenty of evidence of use, wear and tear and also shows corrosion control efforts and good coating to prevent more wastage. (Not structural)

Sea trial Sunday AM

3-4 Sunday

Greatly improved weather. Inspected ramp, loading deck and all interior spaces forward and amidship.

Solid condition throughout but work needed on the paint or coatings due to damage from heat from exterior plating work that was noted in inspection. Hatch doors on wing wall access at gate need work. Some interior exfoliation was observed midship port side in Tank room. Sewage treatment system NFG, smells a bit and is used only as a holding tank for waste.

Workshop is full of spare parts and electrical equipment too numerous to mention tools, grinders and painting gear.

During sea trial gen 1 had a heating issue and gen 2 brought on line. Stbd main stalled at shift and had to be

restarted in the engine room. Vessel is strong and smooth underway.

No smoke when at operating temp.

With a two ton load of industrial refuse forward and a half load of fuel, BushMaster made 9 knots smoothly at 1600 rpm with a less than clean bottom. Very good for a 200 ton boat. It's nearly silent compared to the LSJ Barge.

Spud deploy/recover system needs completion.

Fuel gauges have an electrical flutter that needs diagnosis.

Anchoring needs to be addressed. The original anchor and mounting is removed but available. Reinstall

Start and stop capability of all power producing equipment needs installed in pilot house.

Radar operation is questionable and should be considered NFG. Autopilot should be tested and all electronics, including chart plotter should be confirmed compatible for communication and function.

Consideration should be given to changing the existing ramp cable hoist lifting system to one similar to the one we made for the LSJ Barge. Additionally, with design and construction work, the rear ramp can be made to allow rear, roll on capability wherever draft at the ramp is sufficient.

Conclusion.

This boat works. It needs upgrades and modification to be more ideal for our application but it's a worthy candidate, and it's location is really handy.

Return flight canceled and rebooked due to weather. Newark/ Charlotte/St Thomas beginning 08:30 Monday.

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Stephanie Remington
LSJE, LLC