

TO H. J. Borgen	SUBJECT Shipyard Period EXXON NEW ORLEANS 5/25/77 - 6/18/77	
FROM G. Libero	DATE July 8, 1977	FILE NO.

Vessel arrived at Newport News Shipyard on 5/25/77 to commence shipyard repairs, dry-docking, USCG Inspection for Certification, ABS Special Survey and West Coast Modifications. Vessel sailed 6/18/77.

Repairs and all other work was performed as per shipyard specs (enclosure #1) with the following comments:

Item Numbers

- 1-5 All OK
- 6 Vessel in drydock 1 haul day and 8 lay days as per enclosure #2.
- 7-8 All OK
- 9 Hull rusted and pitted underwater. Heavy sand sweep and two coats of coal tar epoxy applied in addition to other paint schedule.
- 10 Six out of eight capac anodes found not working on drydock, all repaired, anode in #6P disconnected due to change of service of 6P into fuel oil tank, anode to be relocated next drydocking into segregated ballast tank.
- 11 All sea valves examined and repaired as necessary.
- 12 All clapper valves examined and repaired as necessary.
- 13-14 Renewed outer Waukesha seal ring assembly and after liner. Final readings:
Top - 110.5 mm. Bottom - 109.6 mm.
- 15-16 Anchors ranged and gauged - all OK, see enclosure for readings.
- 17 Renewed rudder pintle bushing with solid
- 18-20 All OK
- 21 Cancel
- 22-32 All OK
- 33 Tested #1-8 mooring winch brakes, all held at least 55,000 lbs.
- 34-36
- 37 See enclosure for pump casing audio gauge readings.
- 38-50 All OK
- 51 Cancel

Shipyard Period EXXON NEW ORLEANS

5/25/77 - 6/18/77

Page two

- 52-56 All OK
- 57 See enclosed life raft inspection certificates.
- 59-70 All OK
- 71 Cancel
- 72 Hydrostatically tested boiler and main steam lines for USCG.
- 73 OK
- 74 See enclosed copy of all main unit clearance readings
- 75-81 All OK
- 82-84 Cancel
- 85-92 All OK
- 93 Cancel
- 94-101 All OK
- 102-103 Cancel
- 104-123 All OK
- 124-150 All West Coast Modifications completed as per specs and tested -
See enclosed copy of 835 pertaining to some items.
- 151 Repaired all areas of fwd deep tanks to USCG and ABS satisfaction.
- 152 Repaired all areas of #6P and 6S deep tanks to ABS and USCG satisfaction.
- 153 #7P and S ballast tanks repaired to USCG and ABS satisfaction.
- 154-157 All OK
- 158 Cancel
- 159-164 All OK
- 165 Cancel
- 166-172 All OK
- 173 3P, 3S, and 3C--all repairs performed to ABS and USCG satisfaction, made
modifications to webs, web brackets, and after bulkhead horizontal stringers
as per Mr. Boban of Exxon International recommendations. See signed off 835's.
- 174-175 All OK
- 176 2PA, 2SA, and 2C--all repairs performed to ABS and USCG satisfaction. Made
modifications to webs, web brackets and after bulkhead horizontal stringers
as per Mr. Bonban of Exxon International recommendations.

Shipyard Period EXXON NEW ORLEANS

5/25/77 - 6/18/77

Page three

- 177-179 All OK
- 180 Made repairs in LC to USCG and ABS satisfaction--see enclosed signed off 835.
- 181 Repaired all tank cracks to USCG and ABS satisfaction.
- 182-183 All OK
- 184 Modified fwd end of 6P tank for F. O., all work tested to ABS and USCG satisfaction.
- 185-207 All OK
- 173-A Cropped out and installed six spigot patches in 3P and 3S tanks at "J" strake in way of fatigued areas and leaking areas, see enclosed audio gauge reading, also see enclosed "signed off" 835 pertaining to that area.

Reference item 173-A

Shell plate in 3P and 3S

Tested shell plate at connection of web to shell plate using magnetic particle test at the following locations in "J" strake:

3P and 3S - Webs 78, 79, 80, 81, at longitudinals L-15, L-17 and L-17

Installed welded spigot plug, approx. 8" in diameter, at the following locations:

3P - Frame 81, L-16
Frame 79, L-16 and L-17
Frame 78, L-16 and L-17

3S - Frame 79, L-16

- 214-218 All OK
- 219 Controller for new stbd crane not acceptable by USCG - see enclosed 835 and letter. Mike Bennett informed.
- 220-248 All
- 220-248 All OK

Additional Notes

- 1) USCG inspection for certification completed, see enclosed new 835, see enclosed signed off 835's, Safety Construction Certificate renewed Temporary certificate issued, record card endorsed.
- 2) ABS Special Survey completed with no outstanding requirements, see enclosed list of survey items completed.
- 3) Provide Mike Bennett with copy of 835 pertaining to West Coast Modifications and discussed same with him.

Shipyard Period EXXON NEW ORLEANS

5/25/77 - 6/18/77

Page four

- 4) Prepared a list of spare parts and their disposition, see enclosure (20), copy to Larry Hanft.

List of Enclosures

- 1) Shipyard specs
- 2) Anchor Chain Audio Gauge Readings
- 3) Generator Residue Analyses Report
- 4) Fwd Chain Locker Audio Gauge Readings
- 5) Cargo Pump Casing Audio Gauge Readings
- 6) Megger Readings
- 7) Audio Gauge Reading - Web 54 - 6P
- 8) Generator Rotor Balance
- 9) Liferaft Certificates
- 10) CO₂ Certificates
- 11) Audio Gauge Readings "J" Strake at 3P and 3S
- 12) Foam Sample Results
- 13) Main Unit and Machinery Readings
- 14) "Signed off" USCG 835's
- 15) Newly issued USCG 835's with attached letter
- 16) ABS Special Survey Summary
- 17) ABS - Hull Audio Gauge Readings
- 18) Drydock Block Plan
- 19) Forced Draft Fan Balance Data
- 20) Disposition of Spare Parts

GL:jf

cc: L. A. Hanft

E. J. Worrel