

MEMORANDUM

(Repair Report File)

TO J. C. Sarne	SUBJECT S/S EXXON GETTYSBURG Shipyard Overhaul	
FROM Wm. A. Ingham, Jr.	DATE June 17, 1974	FILE NO.

Enclosed please find item by item report of special survey conducted recently on S/S EXXON GETTYSBURG at Newport News Shipyard.

The boot topping paint job between high and deep load lines - as observed on vessel's return to Baytown is terrible as I mentioned in our phone conversation. Paint report is attached.

Special Survey is complete. There are no outstanding. All new certificates are in force. Attached find pertinent reports re special survey.

WAI:sn

Attach.

S/S EXXON GETTYSBURG
SPECIAL SURVEY
Newport News Shipyard, Virginia
April 26, 1974 - May 23, 1974

1. Drydock - 901
As written.
2. Gasfree - 902 - as written and add (2-A) Muck and clean #10 center tank to gas free condition.
Note: No hot work to be permitted in any tank when cargo tanks are being hydrostatically tested.
3. Slop oil Disposal - 902 - as written but after dirty slop - add "and 2000 bbls of butterworth water."
4. Safety Precautions - Coated Materials - 905 - as written.
5. Tug Service - 905. As written.
6. Lines and Gangway - 905. As written.
7. Fire repair - 905. As written.
8. Shore Power - 905. As written.
9. Shore Steam - 905. As written.
10. Watchman - 905. As written.
11. Garbage - 905. As written.
12. Telephones - 905. As written.
13. Scupper plugs and Stockings - 905. As written.
14. Main and Emergency Switchboard - 804. As written except first line change bow to "Bhow" next to last sentence - delete "check and reset reverse power relays fro main generators"
15. Heat Lamps - 805. Change heat lamp heading to "strip heaters."
16. Megger Test Readings - 809. Delete last sentence - add search out and correct three (3) cargo caire controller grounds.
- 16A. Megger Test Readings - 809. Take megger test readings of all motors on lower level prior to light off. Provide repair inspector with copy of results.

17. Hull Painting. As written except (17A) change last sentence in second paragraph under "b-Keel to light load line" to read "Then apply one (1) full coat of 6072-anti fouling from turn of bilge to the light load line"
- 17B. Hull Painting. Grind out "Esso" from port and stbd and stern and weld in "Exxon" in same size and altitude as existing letters. Needle gun for repainting. Repaint vessels name, hailing port and draft marks with RBAS6824. Blast flat keel plates from frame 61-110 - Coat blasted area as directed.
18. Pressure Vacuum Relief Valves - 408. As written.
19. Flame Arrestors - 408. As written.
20. Boiler and Super heater Safety valves - 301. As written.
21. Internal cleaning - Main Boilers - 302. Line 5 - delete "with fresh water" Substitute "with high pressure cold water hose. Add plug leaking 2" tube rear wall water wall tube #15.
22. External cleaning Main Boilers - 303. Line 5 and 6 - delete "with fresh water under pressure and at approx. 150°F" substitute "with high pressure cold water hose". Add "fabricate and install total of (275) two hundred and seventy-five inserts in stbd boiler air heater tubes." Add "21-B" - "fabricate and install total of (355) three hundred fifty-five inserts in port boiler Air heater tubes." Note: Boiler refractory - see attached report.
Superheater
23. Boiler Safety and // Relief valves - 301. Cancell.
24. Boiler refractory - Port and Stbd - 304. As written. Add refractory repairs - see attached report.
25. Internal de Superheater test - 2 boilers - 307. As written.
26. Bilge pump - Worthington - horizontal duplex 8-1/2 x 10" 215. Cancel - credit allowed by ABS - done in last two months.
27. Pumps - Warren - Duplex. 215. As written.
28. Lube Oil Cooler Circ Pump Warren - 233. Cancell. Credit allowed by ABS - done in last two months.
- 28A. Lube Oil cooler Circ Pump Water and Coupling - 301. Disconnect water leads, disconnect and remove coupling and motor. Ship motor to shop, open, clean, varnish and bake, remove existing defective bearings and furnish and install new bearings. Take delivery of owner furnished new coupling.

28-B. Bore and rebush and bill - Reassemble motor and coupling to place as original making sure alignment of motor to pump is true and correct.

29. (1) One 750 Kw De Laval Turbine and gears - 240.
(1) One 1000 Kw G. E. Turbine and gears - 240.

Add 29-A. Inboard rotor 1000 Kw G.E. unit. Sent rotor to shop - dress up area in way of previously removed blades, fly ash rotor, dye check rotor for cracks, balance rotor, return to vessel for installation.

Add 29-B. Furnish and deliver to G. E. Service Engineer in engine room (1) one complete set of carbon packing as requested.

See DeLaval and G. E. reports.

30. Two generators and 7.5 Kw exciters - 303.

Add 30-A. Remove exciter from inboard (G.E.) generator from ship to shop for turning commutator and undercut. On completion, return to vessel and reinstall.

31. Ship Service Air Compressor 6 x 4-3/4x5" - 234. Belt drivers. As written.

32. Fire and Butterworth Turbine - 213. As written.

33. Shell Gauging - 103.

Line (1) one - change "(2) two" to read "(3) three". Add -
forepeak tank top
sea chest
anchor chains
main steam piping
wind and water strakes
See attached report.

34. Steering Gear Pump - 238. Cancell - credit allowed by ABS.

35. Centrifugal Pumps - Warren. 209. As written.

36. Main Circ Pump - Warren. 210. Size 30SLMV.

Open up main circulating pump and remove impeller assembly for examination and ABS Survey (36-A-Send spare pump bearings to shop for machining and return to vessel).

(36-C) Fabricate (1) one new micarta wearing ring and deliver to vessel. Install spare impeller assembly to place. Close up in good order, after adjusting impeller on shaft for correct vertical height, with proper gaskets. Prove grease fittings clear, repack prove free and in good order. Remove defective nuts studs and bolts. Test and prove in good working order.

37. Rotary Pumps - DeLaval - 217.

2 - Lube oil service.

2 - Fuel oil service

Cancell. Credit allowed by ABS.

- 38. Main Condenser - 230. As written.
- 39. Aux. Condenser - 230. As written.
- 40. Lube oil coolers - main. 233. As written.
- 41. Feed water Heaters - 288. As written.
- 42. De aerating Tank - 237. As written.
- 42-A. Weld swash plates as directed.
- 43. Compressed Air Tanks - 235. As written.
- 44. Evaporator - 219. As written - add furnish and install (2) two 5/8"x37" stay bolts between coil headers. Renew (1) one 1/2" copper nickle spud.
- 44-B. Make up feed Evaporator - 219. Open up 2" bottom blow valve, clean, repack, grind in and reassemble and prove tight.
- 45. Feed pump Turbines - G.E. 575HP-208. As written.
- 45A. Feed Pump Turbines - as written.
- 45-C. Feed pump turbine #1 - #2 - #3 - nozzles as written.
- 45 -1. Feed Pump Turbines Sentinel valves as written. Note: See G.E. report
- 46. Feed pump Warren - Size 4TMH-GPM-660-207. As written.
- 47. Main Turbine HP & LP. - 201 As written.
- 47-B. Main Engine HP Turbine Rotor - as written.
- 47-C. Main Turbine - LP Turbine Thrust Shoes - as written.
- 48. Main Turbine HP & LP Couplings - 201. As written.
- 49. Main Thrust - 106. As written.
- 50. Main Reduction Gears - 205. As written.
- 51. Line shaft bearing - 106. As written.
- 52. After peak and forepeak Tanks - 102. As written.
- 52-A. Forepeak Tank
Crop out and renew 15"x32"x1/2" and 32"x30"x1/2" sections respectively of #3 and #4 breast hooks in way of shell dimple.
- 53. Double Bottom Tanks - 102. Line (8) eight - delevel "metal ground"
Substitute "navy metallic brown"

- 53-A. Double bottom Tanks - Install 24"x24"x1/2" reinforcement plate on tank top of #2 port double bottom as directed.
54. #1 Deep Tank Port and Stbd - 102. Cancell. Credit allowed by ABS - Visual inspection.
55. Stbd Domestic Tank - 48 Ton - 102. Cancel to be done on turn around.
56. Port Cargo tank #2 - 102. Line (1) one - delete "(4) four" substitute "(5) five".
57. Lazaret - 102. Cancell.
58. Cargo Tank Access Trunks — (30) - 102. As written.
- 58-B. Cargo Tank Access Trunks (30). Line (1) one - delete "material" substitute "owner furnished."
- 58-C. Cargo Tank Access Trunk. Crop and renew large ullage port as follows: #1, #2, #3, #5 and #6 across - Total (15) fifteen Crop and renew swell ullage ports as follows: #1 port, #2 port, center and stbd, #4 stbd, #7 stbd, #8 center, #9 center - Total of (8) eight. Trim wasted lips of following swell ullage ports #4 port, #5 stbd, #6 port, #10 stbd. Total of (4) four.
59. Cargo Tank Fractures - 102. As written. See attached report.
- 59-A. Cargo Tank Fractures repaired. As written.
60. Coaming and kick pipes - Fwd pump room - 103. As written.
- 60-A. Coaming and kick pipes - Fwd pump room as written.
61. Deck plate port side aft above Ch. Engrs Room - 103. Cancel.
62. Navigation Boat and Bridge Deck - 103. Cancel.
- 62-A. Navigation boat and bridge deck - Cancel.
- 62-B. Navigation boat and bridge deck - As written.
63. Anchor windlass steam lines port side fwd deck penetration. Delete "Anchor windlass steam lines" substitute "forward port winch forecastle"
64. Rudder - 105. As written.
65. Rudder Stock packing - 105. Line (2) two after word renew insert "with special Sea Ro"
- 65-A. Rudder stock packing as written.

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66. Anchor Chains - 107. Line (8) eight - Delete "fish oil" substitute "Rust Ban #200"
- 66-A. Anchor chains - as written.
67. Life boats - 108. As written.
- 67-A. Life boats - As written.
- 67-B. Life boats - as written.
68. Limit Switches - Lifeboat _____ - 108. As written.
69. Lifeboat Weight test - 108. As written.
70. Lifeboat Embarkation Ladders - 108. As written.
71. Lifeboat Channels - Roller _____ - 108. As written.
72. Aluminum Walkways between lifeboat _____ as written.
73. Line throwing apparatus box - 108. As written.
74. Cleaning gear box - 108. As written.
75. Steam Smothering Line to fwd. pumproom - 111. See Item 75A.
- 75-A. Steam smothering line to fwd pumproom - As written.
76. Steam Smothering System valves - 111. As written.
77. Steam Smothering System - 111. See Item #77A.
- 77-A. Steam Smothering System - 111. Cancel 3rd paragraph in item #77 which reads "Renew approx. (10) ten 1-1/2" valves"
- 77-B. Steam Smothering System - as written.
78. 5" Steam Smothering spoolpiece-Midship house - 111. As written.
79. Anchor windlass feed cylinders - P&S - 113. Cancel.
- 79-A. Anchor windlass - As written.
- 79-B. Anchor Windlass - As written.

- 79-1. Anchor windlass - as written.
- 79-C. Anchor windlass - as written.
- 80. Propeller Polishing - 116. As written.
- 80-A. Propeller - as written.
- 80-B. Propeller - as written.
- 81. Steel plate coaming _____ #7 and #9 winch - 114 - as written.
- 82. Fwd deck winch steam and exh valves -117. As written.
- 83. Alternate Stem to Cargocaire System - 117. Cancel.
- 84. Pipehangers and electrical cable supports #6 tank -117. Paragraph "A" - change word "Port" to "Stbd". Paragraph "C" - add "Port and Stbd."
- 85. Pipehangers Maindeck fore and aft walkway - 117. Line (4) four - change "(30) thirty" to read "(40) forty"
- 86. Fwd and after deck winches - 117. Line "(1) one" change "plate" to read "place"
- 87. Stem line to cargocaire - aft bulkhead focslehead - 117. As written.
- 88. Anchor windlass fwd 6" globe steam valve - 117. As written.
- 89. Midship quarters stem line at #8 winch - 117. As written.
- 90. Deck exh line 8" - fwd of aft pump room - 117 - As written.
- 91. Deck Stem line 5" - penetration spoolpiece - fwd pumproom - aft bulkhead - 117. As written.
- 92. Anchor windlass stem line portside fwd - 117. As written. Add "expansion piece removed from old pipe reused on new pipe."
- 93. Deck Exh lines 5" midship house penetration - 117. As written.
- 94. Watertight doors - boat deck - aft. As written. - 120.
- 95. (4) Four sets of Lifeboat davits _____ - 121. Cancel.
- 96. Fire line port side #8 - #9 Cargo tanks - 123. As written.
- 97. Fore and aft deck fire line 8" - 123. As written.
- 98. Clapper valves - ships side - 126. As written.

99. Sea valves and strainers - 126. Line (7) seven - delete - "two coats of Exxon chemical coal tar Epoxy" substitute "(1) one coat 6259 primer and (1) one coat Patalon black rubber coating."
Line (12) twelve - repeat above change.
- 99-a. Sea valves and strainers - as written.
100. 5" Steam smothering line spoolpiece midship house penetrators - 127.
As written.
101. Deck exh. line fwd midship house bulkhead penetrator - 127. As written.
102. Fwd bulkhead of CO₂ Room - 127. Correct to read - make necessary pipe removals (bulkhead penetrations) crop wasted bulkhead section - fabricate and weld to place new 3/8" x approx. 3 ft. x 5 ft. insert and reweld bulkhead penetrations. Prime and coat new work.
103. Ladder step and platform @ #6 cargo tank -128. As written.
104. Heavy weather damage stbd side only anchor windlass wildcat clutch platform - 128 = As written.
105. Heavy weather damage - cross walk over cargo pipes at #9 - 128.
First paragraph - delete 3rd and 4th sentences - substitute "renew in its entirety" last paragraph - delete 1st sentence - substitute "renew deck lugs"
106. Heavy weather damage - cross walk over cargo pipes @ #6 tank - 128.
Line (2) two - delete "railing, upright steel staunchion and"
107. Kingposts - focsle head P & S ladders - 128. Last line - delete "33 ft" substitute "20 ft long - total of (4) four sections and (10) ten rings. "
108. Fore and aft walk way expansion joint at after end of midship house - 128. As written.
109. Fwd end of fore and aft walkway at fwd pumproom - 128. As written.
110. Main deck and poop deck P & S hand railing - 128. Last line - delete "150 ft" substitute "400 ft."
111. Athwartship Stay - Stbd kingpost - Poop dk. 130. Add "1/2" stainless CRES - 38ft. 10" long."
112. Main ² _{long} - 130.
Add "3/8" x 200 ft. each CRES.
113. Focsle head and mid ship P & S Kingpost platforms - Item #113A
cancels Item #113.
- 113-C. Focsle head and midship P & S Kingpost platform - 130. Install and weld to place doublers over wasted areas of above platforms.
114. Midship Kingpost fore and aft stays - 130. Add "(2) two stays 1-5/8" x 54 ft 8" "
"(2) two stays 1-4/8" x EXX-MOR-008462

- 115. Pipe hangers P & S side of fore and aft walkway - 13. As written.
- 116. Compressed Air line under fore and aft walkway at #1 cargo tank:
Line (1) one ¹ delete "15 ft" substitute "20ft."
Line (2) two - delete "sleeves" substitute "_____"
- 117. Main Engine HP Turbine #3 and #7 Nozzle block - 201.
- 117-A. After "#3 and #7" in heading- add "14".
- 118. 6" Main Condensate drain line - 209. As written.
- 119. After lube oil cooler pump lower port eng. rm - 217.
- 119-A - Cancel item #119.
- 120. 30" Disch line from main circ to main condenser inlet - 223. As written.
- 120-A. 30" Disch line from Main Circ to Main Condenser Inlet - as written except delete last sentence
- 121. 30" Suction line between main circ sea suction and suction side of main circ pump - 223. As written.
- 121-A. 30" Suction line between main circ sea suct and suct side of main circ pump as written - except delete last sentence.
- 122. Aft living quarters - Saltwater bcks deck head piping - 223. Cancel.
- 122-B. Cancel items #122 and 122A.
- 123. Main to Aux Condenser Saltwater crossover valve - 223. As written.
- 124. #2 Generator Lube oil cooler S.W. inlet valve - 223. As written.
- 125. Fresh water fill - Transfer pipe line - 224. As written.
- 126. Potable water hose rack - 224. Cancel.
- 126-A. Potable water hose rack. As written.
- 127. Port boiler to make up feed evap pipe line - 227. As written.
- 128. Flanged steam line to main air ejector over #1 generator - 227. As written.

129. Blow line from port boiler to evaporator -
cancel. Same as item #127.
130. Leslie 3" class HS-4-Reducing valve. Stern to deck - aft bulkhead
eng. room fidley - 227. As written.
131. Leslie 1/2" class IS-2. Reducing valve to whistle - 227. Cancel.
132. Saltwater gen. service pipe line to midship house. Cancel. See
betterment item covering same.
133. Steam to afterdeck steam supply in engine room valves - 227.
Delete 2nd paragraph - substitute "(1) one 3" valve only"
134. Steam whistle valves - 227. As written.
135. Ships steam whistle - 227. As written - add "reuse horn from old
whistle on new whistle"
- 135-A. Ships whistle - doubler - cancel.
- 135-B. Ships whistle - as written.
136. General Service System - outlet stop valve - at reducing station stbd
side lower eng room - 227. As written.
137. #3 main feedpump disch line - 228. As written.
138. Exhaust line from 3rd and 4th stage heaters to traps - 228.
As written.
139. Contaminated drain cooler (center) - 228. As written.
140. Ventilation air supply ducts eng. room spaces - 236. As written.
141. Eng. room air supply mush room vent - system #5 - stbd side
forward - top of engine room casing - 236. As written.
142. Fire dampers - screws - skylite deck - aft - 236 as written.
143. Generator throttle trip valves #1 and #2 - 240. As written.
144. Copes External Desuperheater - 317. Cancel.
145. Port and Stbd Bailey fuel control valves - 311. As written.
- 145-A. As written.
146. Peabody Automatic Fireman Console - 311. As written. See report -
Smith-Bailey.
- 146-A. As written.
147. Cargo Pump Tachometer Installation - 401. Cancel.
148. Fwd Pumproom Specialty pump valves - 401. As written.

149. Fwd pumproom specialty pump steam chest - 401. As written.
150. Cargo pump turbine throttle trip valves and over speed mechanisms - 402. As written.
Note: Results unsatisfactory. Further repairs required on subsequent turn around.
- 150-A. Cargo Pump Turbines - 402. As written.
151. Ballast pump turbine throttle trip - valve and over speed mechanism - 403. Cancel.
152. Main Pumproom - 12" ballast pump angle valve - 405. As written.
153. Forward pumproom valves - 405. As written.
154. (4) Four 16" gate cargo control valves at midship risers - 405. As written.
155. Specialty Pump - Fwd Pumproom - Port side - 405. Add "renew total of (40) forty fiber valves."
156. Main Pumproom #2 cargo pump section line - 407. As written.
157. Main pumproom section of port stripper suction line from #10 cargo tank - 407. As written.
158. Forward pumproom exhaust piping - 407. Delete "Coat with rust ban #191"
159. Fwd pump room 3/4" ~~ss~~ drain line to bilge - 407. As written.
160. Fwd pumproom - rail ~~line~~ - 407. Cancel.
161. Fwd Pumproom Fire and bilge pumps gauges and boards - 407. As written.
162. 8" stripper line at #9 cargo tank - stbd side - 407. As written.
163. 8" Stripper line at #3 center cargo tank - 407. Change "2-1/2" to read 8".
164. 8" Stripper line dresser coupling - port stripper line - after section of pipe at #10 center cargo tank - 407. As written.
165. 8" stripper line - stbd #10 center cargo tank - 407. As written.

- 166. Stbd stripper line at midship riser manifold - 407. Delete "(1) one 8" spud piece, right angled with flange"
- 167. Cargo vent lines - 408. As written.
- 167-A. Cargo vent piping - as written.
- 168. Stbd Stand pipe vent line to stbd king post on forcastle head - 408. As written.
- 169. #6 Center tank - stbd stripper line - 412. As written.
- 170. #7 center tank stbd stripper line - 412. As written.
- 171. Stbd stripper suct line #4 center cargo tank - 412. As written
- 172. Stbd stripper Suct line #6 center cargo tank - 412. As written.
- 173. Stripping pump suction strainer boxes main pump room - 412. Cancel.
- 174. Flanged "T" 8" Diam. port stripper disch line in main pump room-412. Cancel.
- 175. Stbd main steam stripper pump - 412. As written.
- 176. #7 Center tank stbd stripper line - 412. Cancel.
- 177. Fwd pump room - Valve operating rods and brackets - 413. As written.
- 178. Main pumphroom Ventilator reach rods. - 413. Cancel.
- 179. Cargo tank reach rods -413. As written.
- 179-A. Cargo tank reach rods. As written.
- 180. P & S Running lights midship bridge wings - 601. As written.
- 181. Radar mast platform midship - 606. As written.
- 182. Leak thru deck at base of radar mast - 606. Delete "furnish and install doubler plate" substitute "seal with red hand cement" Delete last sentence.
- 183. Aft Air Cond P & S Quarters Ventilation - 702. As written.
- 184. Stbd aft air cond. fan room. Supply to mess room and pantry - 702. As written.
- 185. Shell & Bulkheads - 107. Line #(1) one - delete "flood bottoms of all cargo center tanks and"
Change quantities in item 185 - as specified in item 185-A.
- 185-A. Shell and bulkheads. As written.
- 185-B. Shell and bulkheads. Cancel "B section" of item #185.

186. Cofferdams. 107. Delete reference to application of paint to cofferdam.
- 186-A. Cofferdams. Cancel application of paint to cofferdam as specified in item #186.
187. Cathodic Hull Protection. 61-510. As written.
188. Steam line forward - betterment as written.
189. Solvent pump ~~for~~  line. Betterment as written.
190. Deck lighting - Cancel - Betterment
- 190-A. Delete paragraph #2 - substitute "Remove existing floodlights (4) four from place port and stbd wings of fwd end of midship house and port and stbd wings of after end of midship house and install to place at fwd and aft, port and stbd sides of top of king post between fwd and aft houses." Delete paragraph #3 and substitute "Take delivery of (4) four owner furnished mercury vapor lamps and install on port and stbd fwd and aft midship house wings - use gaskets between aluminum and steel materials. All light foundations involved to be reinforced as necessary.
191. Tank washing - Betterment. Under Material Required delete "12 butterworth machines" substitute "8 butterworth machines". Last paragraph work description, delete "#1 wing P #1 wing S, #2 wing P, #2 wing S, #8 wing P, #8 wing S" substitute "#1 wing stbd, #2 wing stbd, #2 wing Port, #8 wing Port."
192. Fwd pumproom Ventilation. Betterment. Note: Under work description, there is an existing port side "exhaust" duct all the way to Port bilge. Delete "extend supply ducts down into P & S bilges" Stbd side duct to be installed on turn around
193. Parazylene Pump relief line - betterment - as written.
194. Parazylene manifold stbd. Betterment as written.
- 194-A. As written Parazylene manifold stbd.
195. Manifold drip pans - betterment - as written.
- 195-A. Manifold drip pans as written.
- 195-B. Manifold drip pans as written.
- 195-C. Manifold drip pans as written.
196. Foam sample - 109. As written.
197. Deck drain - betterment - as written.
198. Cancellations. As written except delete b = item 58.

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- 199. Deepwell pump - #8 port wing tank - 401. Delete last two lines.
- 200. Cargo winch Exhaust Line - 117. As written.
- 201. Double valves - betterment - as written.
- 202. #3 Center cargo tank ladder handrail - 102. As written.
- 203. Diesel storage tank = 102. As written.
- 204. Mooring winch cables - 114. As written.
- 205. Rudder stock compartment water teledoer - 105. As written.
- 206. Main engine reduction gear case - 205. As written.
- 207. Butterworth heater 1-1/2" return line to main cond - 227.
Items 207-A - Change size of line from 1-1/2" to 4" and length from 4 ft. to 9 ft as specified in item #207.
- 208. Air registers boiler igniters - 318. As written.
- 209. Fwd pumproom bilge alarm
Line #3 - delete "prove" Add renew 6 ft of wasted 1/2" galvanized pipe.
- 210. #10 Cargo tank stripper line - 407. As written.
- 211. Port Stripper pump suction line - aft main pump room - 407. As written.
- 212. Domestic refrig. veg. box door - 701. As written.
- 213. Domestic refrig. vegetable box - 701. As written.
- 214. Fan room deck - Navigation bridge deck port side - 103. Cancel.
- 214-A. Fan room deck nav. bridge deck port side - 103. As written.
- 215. Chain locker - cancel.
- 215-A. Chain locker - as written.
- 216. Rudder horn - as written.
- 217. Aft bulkhead of fwd freight space and paint locker stbd side just above main deck. Delete line #1 and #2 - substitute clean and wire brush and furnish, fit and weld 1/2" x 3" x 4" doublers over (2) two small holes in bulkhead as indicated
- 218.(2) Two high suction valves 16" gate #10 center tank as written.
- 219. (1) One 16" high suction cargo valve #6 center tank as written.
- 220. Aux. Solvent pump in feed pumproom. As written.
- 221. Lagaret Hinged manhole cover poop deck aft - Line #1 delete "washed" substitute "~~Exempt~~" 008468

- 222. Stbd side midship house super structure - main deck to bridge deck.
As written.
- 223. Hour pressure flash type evaporator - as written.
- 224. Evaporator - as written.
- 225. #1 Main Generator water service piping. As written.
- 226. Universal mooring chocks - (3) three line #2 delete "replace
any defective bearings."
- 227. Limit switches #1, #2, #3, #4 lifeboats - as written.
- 228. Solvent and Specialty pump valves fwd pumproom - as written.
- 229. #6 Center Tank Stbd Stripper line - as written.
- 230. Port Stripper Pump - Main pumproom - as written.
- 231. Pipe hangers and electric cable supports #6 cargo tank - 17. As
written.
- 232. Engineers alarm panel. As written.
- 233. Electric fire pump - as written.
- 234. 3rd and 4th Stage Heaters - as written.
- 235. 3rd and 4th Stage Heaters - Delete "4th Stage". Note (3) three valves
and (1) one disc to shop.
- 236. #7 Tank (Center) 8" rising stem stripper cut out fwd main port pump
valve. As written.
- 237. Bilge suction lines - as written.
- 238. 6" channel beam supporting pipe gang and steam expansion fitting
port side of for and aft walkway fwd of aft main pump room -
as written.
- 239. 3rd and 4th Stage heaters - note: (1) one valve, (1) one disc,
(1) one bonnet to shop
- 240. High pressure drains to main condenser - as written.
- 241. Wash water pipe - as written.
- 242. Exxon Chemical item - no charge - to be made to Repair dept.
Main deck P & S - #5 cargo tank and #5 stbd cargo tank as written.
- 243. LP Turbine extraction valve - as written.

- 244. HP Turbine valves - as written.
- 245. Ballast pump - aft main pump room - 404. As written.
Note: Pump casing had to be lifted on 1st turn around after leaving shipyard to remove improperly fitted gasket and renew same at Baytown
- 246. Wash water supply to midship house - 131. As written.
- 247. Condensate System - 228. As written.
- 248. Port and Stbd Boilers Sootblower roof valves (2) - 305. As written.
- 249. #2 Stbd heater oil cargo tank - 102. Delete line #1. & #2 - substitute reweld heating coil
- 250. #1 Center cargo valve piping - stbd side main deck at #1 center tank 102 - as written.
- 251. Super fulous cargo piping and associated valves in fwdpumproom - 407 - as written.
- 252. 2-1/2" steam line to midship house - 117. As written.
- 253. Steam valves - stbd boiler - 315. As written.
- 254. Stbd boiler air heater tubes - 308. Delete word "port" in heading.
- 255. Steering gear pump relief valves - 238. As written.
- 256. Stbd boiler floor tubes - 309. As written.
- 257. P & S boiler air register cones - 318. As written.
- 258. #1 and #3 Main feed pump rotors - 207. As written.
- 259. Stbd boiler superheater outlet valve - 315 - as written.
- 260. Diesel oil tank - cancel. See Item #203
- 261. Motor Generator for Sperry Gyro Compass - as written.
- 262. Cargo Caire System pressure blower motor - as written.
- 263. Lifeboat winch casings Port and stbd - in heading after Port & Stbd add "forward". In line #1 - delete "all."
- 264. Thin film - Distillate unit - flash type evap - 219. As written.

- 265. Deck Steam line 4" Lonergram relief valve - as written.
- 266. CO₂ System Manifold - 110. Cancel. See Item 266-A.
- 266 -A. CO₂ System Manifold - as written.
- 267. Radar Scanner cable - 606. Cancel. See Item 267-A.
- 267-A. Radar ScannerCable - 606. As written.
- 268. Groundwire Straps for Stays - 130.
- 268-A. Change to read "10" instead of "9".
- 269. Main engine ahead and astern throttle valves - 206. As written.
- 270. Steering gear pumps -238. As written.
- 271. Aft Mush room ventilator - 236. In heading after "ventilator" add "stbd."
- 272. Midship port and stbd manifolds over drip pans as written.
- 273. #1 cargo hatch cover - as written.
- 274. Navigation lights - as written.
- 275. Evaporator Mechanical seal - 219. As written.
- 276. Forepeak tank top - 102. As written.
- 277. Gangway support brackets located midship port and stbd shell at main deck as written.
- 278. New ballast pump - 403. Delete "new" after "pump" add lower port engine room.
- 279. Solvent line at manifold stbd side - 407. As written.
- 280. Drain cooler stop valves - 227. As written.
- 281. 1/2" Leslie Regulating valve - strain elongation -311.
Change "strain" to read "steam"
- 282. Fore and aft catwalk "A" frame - After "fabricate" add "approx. 60"
- 283. Mooring winches - 114. As written.
- 284. Steam Smothering System Piping - 111. As written.
- 285. Lighting panel - as written.
- 286. F.O. fan controllers - as written.

S/S GETTYSBURG
Special Survey
Newport News Shipyard
April - May, 1974

Attending:

U.S.C.G. - Saunders, Hamilton, Barker

A.B.S. - Bailey

DeLaval - Nielssen

Genelect - Burnhardt

Automation - F. Smith

CO₂ - Paxton

Audio Gauging - Worldwine - P. Barto

Ship Supt. - R. Minton

Cathodic Protection - Everhardt