

Machinery Log
USCGC Healy (WAGB-20)
Friday, August 18, 2006
77°13.1'N 177°42.0'W

Cutter underway at the above position with MDG #1 and #4 online supplying electrical power to the HV Bus. MDG #3 is in STBY 1. MDG #2 is in STBY 2. The Main Motors are both in 12 pulse mode with propulsion control at Aloft Conn. SSTF #2 is supplying power to the SNS Bus. SSTF #1 is in STBY. SSMG #1 is supplying power to the SS Bus and SA Bus. SSMG #2 is in STBY 1 and 2. ADG is in STBY. Fuel oil suction and return is from 4-72-2-F (21,838 g) and 4-93-1-F (22,095 g). Potable water suction is from 3-48-2-W. Evap 2 is discharging to 3-48-1-W. #1 Boiler is online. All machinery is in normal operation or as per the attached Machinery Status Sheet. Material condition Yoke is set throughout the ship. EM1 [REDACTED] is the EOW U/I of EM1 [REDACTED] ET3 [REDACTED] is the TOW.

0006 - Secured filling 1-71-1-F (1,747g).

0016 - Unloaded #4 MDG.

0025 - Commenced pumping Port Shaft Alley bilges via Secondary Drainage AOP to 5-84-1-F (1,862g).

0026 - Secured #4 MDG.

0034 - Plant sequenced for #1 MDG.

0040 - Secured pumping Port Shaft Alley bilges to 5-84-1-F (1,713g).

0120 - Shifted P/W: suct from 3-48-1-W.

0308 - Started # 4 MDE.

0313 - Loaded # 4 MDG to the HV Bus.

0327 - Started # 3 MDE.

0329 - Loaded # 3 MDG to the HV Bus.

0334 - Plant sequenced for # 1, 3, 4 MDG on the HV Bus.

0335 - Carried out the watch routine. Watch relieved by MK1

[REDACTED]

EM1 [REDACTED]

0400 - 0800 GMT

Cutter underway as before. MK1 [REDACTED] has the EOW.

0355 - Received MDE 3 Turbo-Charger Vibration High alarm. Tow investigated and found both sensors have fallen off.

0423 - Unloaded #3 MDE.

0424 - CO addressed Healy crew to announce the deaths of 2 crewmembers involved in diving mishap.

0430 - Secured #3 MDE. Plant sequenced for #1 and #4 MDE's on the HV Bus.

0458 - Commenced pumping Port Shaft Alley bilges via Secondary Drainage AOP to 5-84-1-F (1,713g).

0512 - Secured pumping Port Shaft Alley bilges to 5-84-1-F. Final sounding 1'1", (2,011g).

0622 - Placed FWD Grey Water in Auto.

0623 - TOWS need to check Climate Control Chamber #2 Temps hourly. Temps should read 2°- 3°C or 35°- 38°F. Any deviation contact MST's @ Ext.741 or 747. Any problems contact MSTCS

██████████. Log Temps hourly in the Smooth Log.

0638 - Shifted P/W: suct from 3-48-2-W.

0700 - Climate Control Chamber #2 temp is 37°F.

0730 - Carried out the watch routine. Relieved by EMCM ██████████

MK1 ██████████

0800-1200 GMT

0731 Cutter underway as before EMCM ██████████ has the EOW

0804 Climate Control Chamber #2 temp is 37°F

0818 Commenced pumping Port & STBD Shaft Alleys bilges via Secondary Drainage to 5-84-1-F (2,160g)

0830 Secured from Pumping Port & STBD Shaft alley bilges.

0901 Received a high alarm on Aft Waste oil tank 5-84-2-F sent TOW to sound tank and found sounding to be (7174g) TLI is reading an error of approximately 1200 gallons.

0908 Climate Control Chamber #2 temp is 38°F.

1001 Shifted # 2 Evap discharge from 3-48-1-W to 3-48-2-W.

1003 Climate Control Chamber #2 temp is 37°F.

1037 Commenced filling 1-71-1-F (1005g) via #1 FOP.

1059 Secured filling 1-71-1-F (1749g). 744 gal transferred.

1102 Climate Control Chamber #2 temp is 37°F

1130 Carried out watch routine, ETCM ██████████ relieves the EOW
EMCM ██████████

1200 - 1600 GMT

1131 Cutter U/W as before, ETCM ██████████ is the EOW.

1204 Climate Control Chamber #2 temp is 37°F.

1235 Sounded 5-84-1-F 1' 5" (2606g).

1312 Commenced pumping Port & Stbd Shaft Alley bilges via Secondary Drainage to 5-84-1-F (2606g).

1320 Shifted P/W: suct from 3-48-2-W

1321 Shifted # 2 Evap discharge to 3-48-1-W.

1324 Climate Control Chamber #2 temp is 37°F.

1335 Secured pumping Port & Stbd Shaft Alley bilges to 5-84-1-F sounding 1'9" (3202g).

1412 Commenced filling 2-63-0-E (95g) via DWTP.
1415 Climate Control Chamber #2 temp is 37°F.
1418 Secured filling 2-63-0-E (200g) total: 105g.
1448 Shifted P/W: suct from 3-48-1-W
1449 Shifted # 2 Evap discharge to 3-48-2-W.
1522 Climate Control Chamber #2 temp is 39°F. It is at the end of a defrost cycle.
1530 Carried out watch routine, watch relieved by ENS [REDACTED]
U/I of LTJG [REDACTED]
ETCM [REDACTED]

1600 - 2000 GMT

1530 - Cutter underway as before, ENS [REDACTED] has the EOW
U/I of LTJG [REDACTED].
1554 - Commenced filling 2-63-0-E (115g).
1601 - Climate Control Chamber #2 temp is 37°F.
1630 - Secured filling 2-63-0-E (438g). Total Transferred: 323g.
1633 - 5-84-2-F Sounding: 4'3" 7,058g.
1640 - Commenced F/O transfer from 5-75-1-F (40,800g) and 5-75-2-F (58,882g) to 4-72-2-F (17,846g) and 4-93-1-F (18,487g).
1640 - Commenced pumping Port Shaft Alley via Secondary Drainage to 5-84-1-F 1'8" (3,053g).
1646 - Secured pumping Port Shaft Alley bilge to 5-84-1-F final sounding 1'10" (3,351g).
1718 - Climate Control Chamber #2 temp is 37°F.
1731 - Shifted # 2 Evap discharge from 3-48-2-W to 3-48-1-W. P/W suction from 3-48-2-W.
1800 - Climate Control Chamber #2 temp is 37°F.
1815 - Commenced pumping Port Shaft Alley via Secondary Drainage to 5-84-1-F.
1820 - Secured pumping Port Shaft Alley bilge to 5-84-1-F final sounding 1'11" (3,500g).
1906 - Climate Control Chamber #2 temp is 38°F.
1930 - Carried out watch routine, watch relieved by MKCS [REDACTED] U/I of DC1 [REDACTED]
ENS [REDACTED]
LTJG [REDACTED]

2000-2400 GMT

1930 - Cutter underway as before, MKCS [REDACTED] has the EOW U/I of DC1 [REDACTED].
1931 - Secured F/O transfer from 5-75-1-F (35,454g) and 5-75-2-F (54,012g) to 4-72-2-F (22,861g)

and 4-93-1-F (23,280g). Total transfer: 10,216 gallons.
2002 - Climate Control Chamber #2 temp is 37°F.
2014 - Commenced pumping Port Shaft Alley bilges via Secondary Drainage AOP to 5-84-1-F (3,500g).
2021 - Secured pumping Port Shaft Alley bilges to 5-84-1-F (3649g).
2058 - Climate Control Chamber #2 temp is 37°F.
2100 - Commenced waste oil transfer from 5-84-2-F (8,388g) to 5-63-1-F (3,305g).
2136 - Commenced filling 1-71-1-F (1,015g) via #1 FOP.
2150 - Secured waste oil transfer from 5-84-2-F (5,435g) to 5-62-1-F (4,580g). Total transferred (1,275g).
2159 - Secured filling 1-71-1-F (1744g). 729 gal transferred.
2203 - Climate Control Chamber #2 temp is 37°F.
2219 - Commenced pumping Port Shaft Alley bilges via Secondary Drainage AOP to 5-84-1-F (3649g).
2225 - Secured pumping Port Shaft Alley bilges to 5-84-1-F (3947g).
2230 - Commenced draining Boiler #2 to Fwd Contaminated Tk 5-72-1-W (968g).
2259 - Climate Control Chamber #2 temp is 38°F.
2303 - Shifted P/W: suct from 3-48-1-W.
2320 - Secured recircing 3-123-2-J.
2327 - Carried out watch routine. Watch relieved by EM1 [REDACTED] U/I of CWO [REDACTED] MKCS [REDACTED] DC1 [REDACTED]
2327 - EM1 [REDACTED] has the EOW U/I of CWO2 [REDACTED]. EM3 [REDACTED] is the TOW.
2359 - Carried out watch routine.
EM1 [REDACTED]
CWO2 [REDACTED]

Engineer's Comments:

0424 entry: EOW notified that LT Jessica Hill, and BM2 Steven Duque were pronounced dead following Ice and Cold water familurization dive operation at bow of HEALY.

[REDACTED], LCDR
Engineer Officer

D. G. Russell, CAPT
Commanding Officer

(b)(6) & (7)(c)