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ENGINEERING LOG
NAVSEA 3120/2B (REV. 10-81) S/N 0116-LF-031-2115 (9-77 EDITION IS OBSOLETE)

U.S.S.					HULL NUMBER
COLE					DDG 67
DAY	MONTH	YEAR	TIME ZONE	TIME ZONE CHANGE TO	TIME ZONE CHANGE FROM
12	OCT	00	-3C		
AT/PASSAGE FROM				PASSAGE TO	TOTAL MILES TRAVELED TODAY
PT SAID				ADEN, YEMEN	

EQUIPMENT STATUS *(Need not be completed for continuing pages)*

MAIN ENGINES	PLANT STATUS	BOILERS
1B, 2B GTM	UNDERWAY, SPLIT PLANT	

GENERATORS	STEERING ENGINES COMBINATION
NR1 & NR2 GTG PARALLEL, 3 GTG IN STBY	1B, 2B

DAYS OUT OF DRY DOCK	CATAPULT STATUS (CV's Only)	DAYS SINCE LAST HULL CLEANING
1294		90

DRAFT FWD	DRAFT AFT	DRAFT MEAN	TONS
21'4"	21'4"	21'4"	8946

LIQUID LOAD	PERCENT OF FULL LOAD (%)

MAJOR EQUIPMENT OUT OF COMMISSION
1B RO & ROOM SALINITY SENSOR, 1A PT BRAKE, 1A GTM

EXAMINED DAILY AND CERTIFIED TO BE CORRECT

SIGNATURE OF ENGINEER OFFICER/RANK	DATE OF SIGNATURE
[redacted] LT	13 OCT 00

TIME	RECORD OF ALL EVENTS OF THE DAY (DAY 12, MONTH OCT, YEAR 00)
0000	THE SHIP IS UNDERWAY WITH MATERIAL CONDITION MODIFIED ZEBRA SET
	WITH EXCEPTIONS NOTED IN DC CLOSURE LOG. THE ENGINEERING
	PLANT STATUS IS AS PER ADDENDUM SHEET.
0007	SHIFTED NR2 LOP FROM CRP TO MRG S/S IAW LOPO
0012	STARTED 1B, 2B HPU'S IAW SG, COMMENCED RECIRC FWT#4
	IAW 13RPM.
0014	SECURED RECIRC FWT#4 IAW BRPM BR 7.2, ALIGNED FWT#4
	FOR SUCTION FWT#1 FOR FILL IAW PUMPM.
0017	STOPPED 1B, 2B HPU'S IAW SG.
0018	ALIGNED 1A, 1B RO TO POTABLE FILL.
0033	SHIFTED NR1 LOP FROM CRP TO MRG S/S IAW LOPO.
0045	SHIFTED LOSP FROM 2A TO 2B IAW CLOP

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* U.S. G.P.O.: 1996 — 604-826

U.S.S.	HULL NUMBER	DAY	MONTH	YEAR	TIME ZONE
COLE	(DDG 67)	12	10 & OCT	00	-3C

Engineering Log- Plant Status Addendum Sheet

This sheet is to be used in conjunction with NAVSEA 3120/2B to record plant status on the midwatch (equipment in operation is circled, OOC equipment is has X through it)

Gas Turbine Main Engines	~~1A~~	1B	2A	2B		
	Full Power / Split Plant / Trail Shaft / Secured					
SSGTG's	1	2	3	Standby GTG 3		
	Split / Parallel / Shore Power					
Firepump(s)	1	2	3	4	5	6
Seawater Service Pump(s)	1	2	3	4	5	
Refrigeration Unit(s)	1	2				
A/C Plant(s)	1	2	3	4		
Chillwater Pumps	1	2	3	4		
RO(s)	1A	1B				
Freshwater Pump(s)	1	2				
FW Tank on SUCTION	1	2	3	4		
FW Tank on FILL	1	2	3	4		
FW Tank on RECIRC	1	2	3	4		
LPAC "LEAD" (115-125)	1	2	3			
LPAC "LAG" (110-120)	1	2	3			
LPAC "STBY" (105-115)	1	2	3			
LPAD(s)	1	2				
HPAC(s)/HPAD(s)	1	2				
VCHT Plants	FWD Collection / Overboard / Transit			AFT Collection / Overboard / Transit		
L/O Purifier 1	FWD	MRG / CRP	Sump to Sump	Renovation		
L/O Purifier 2	AFT	MRG / CRP	Sump to Sump	Renovation		
L/O Service Pumps	1A	1B	Auto Lead / Manual	High / Low		
	2A	2B	Auto Lead / Manual	High / Low		
Electric CRP Pump(s)	1	Auto / Manual	2	Auto / Manual		
Fuel Oil Pumps	1A	1B	High / Low	Tank on Suction	1A	1B
	2A	2B	High / Low	Tank on Suction	2A	2B
Fuel Oil Status	Xfer / Recirc	1A	1B	Xfer / Recirc	2A	2B
F/O Purifier	1	2				
F/O XFER Pump	1	2				
Steering Gear Units	1A	~~1B~~	2A	~~2B~~		
Vent-fog Precipator	1	2				
Dehumidifier	1	2				
Degaussing	Energized	Secured				
Cathodic Protection	Energized	Secured				

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TIME	RECORD OF ALL OF EVENTS OF THE DAY	DAY 12	MONTH OCT	YEAR ØØ
ØØ47	SHIFTED FOSP FROM 1A TO 1B IAW CFOP.			
ØØ48	SHIFTED FOSP FROM 2A TO 2B IAW CFOP.			
ØØ54	START NR 2 FIREPUMP IAW CFP.			
ØØ55	STOP NR 4 FIREPUMP IAW CFP.			
Ø115	INITIATE NORMAL STOP COOLDOWN 1B GTM IAW CMAS.			
Ø121	STOP COMPLETE GTM 1B IAW CMAS			
Ø135	EOOW PROPERLY RELIEVED BY EMC (SW) [redacted]			
	[redacted] GSCS(SW)			
	[redacted] GSCS(W)			
Ø135	ASSUMED THE WATCH.			
Ø140	SOUNDING AND SECURITY REPORTS DCN			
Ø141	ALIGNED RODM TO 300 GAL TANK, STARTED RODM IAW RODM			
Ø2Ø1	COMMENCE RECIRC FWT 1 IAW BRPM, TO TEST BROMINE LEVEL.			
Ø2Ø5	SECURE RECIRC FWT 1 IAW BRPM, BROMINE >.2 PPM			
Ø2Ø7	SHIFTED P/W SUCTION TO FWT 1, FILL TO FWT 4 IAW PWPM			
Ø2Ø8	TAGGED OUT 2A GTM FOR WATER WASH IAW MIP 234Ø MRC R-1			
Ø216	SECURED RODM IAW RODM			
Ø223	STARTED NR 1 F/O XFER PUMP, TAKE A VPS ON 1B FOST IAW RFST			
Ø224	STARTED NR 2 F/O XFER PUMP, TAKE A VPS ON 2A FOST IAW RFST			
Ø225	STOPPED NR 1 F/O XFER PUMP IAW RFST			
Ø226	STOPPED NR 2 F/O XFER PUMP IAW RFST, VPS SAT 1B & 2A FOST			
Ø232	SHIFTED F/O SUCTION TO 2A FOST IAW CFOP			
Ø233	STARTED NR 2 F/O PURIFIER IAW SFSS			
Ø234	STARTED NR 1 F/O PURIFIER IAW SFSS			
Ø243	SHIFTED F/O SUCTION TO 1B FOST IAW CFOP			
Ø245	STARTED NR 2 F/O XFER PUMP, COMMENCE F/O XFER FROM TK GRPS 3 & 4			

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TIME	RECORD OF ALL OF EVENTS OF THE DAY	DAY 12	MONTH OCT	YEAR ØØ
	TO 2B FOST IAW SFSS			
Ø246	STARTED NR 1 F/O XFER PUMP, COMMENCE F/O XFER FROM TK GRPS			
	3 & 4 TO 1A FOST IAW SFSS			
Ø257	S & S REPORTS ACN			
Ø349	ALIGNED 1A & 1B RO TO DUMP IAW ROD			
Ø354	STARTED OWS IAW OWS			
Ø357	S & S REPORTS ACN			
Ø4ØØ	STARTED NR 2 O/W XFER PUMP, COMMENCE XFER FROM MER 2 TANK			
	5-296-1-F TO AUX 2 TANK 5-22Ø-2-F IAW OWPM			
Ø4Ø2	STOPPED NR 2 O/W XFER PUMP IAW OWPM			
Ø41Ø	STOP NR 1 F/O XFER PUMP, SECURE XFER TO 1A FOST IAW SFSS			
Ø418	CLEARED TAGS 2A GTM, WATER WASH COMPLETE			
Ø42Ø	STOPPED NR 1 F/O PURIFIER			
Ø43Ø	STARTED 2A GTM, PEAK T5.4 862°F IAW CAMS, INITIATED NORMAL			
	STOP AND COOLDOWN 2A GTM IAW CMAS			
Ø432	TWO MINUTE IDLE ΔT 5.4 7°F IAW CAMS			
Ø435	NORMAL STOP AND COOLDOWN COMPLETE 2A GTM IAW CMAS			
Ø448	STOPPED NR 2 F/O XFER PUMP, SECURE XFER TO 2B FOST IAW SFSS			
Ø452	STOPPED NR 2 F/O PURIFIER IAW SFSS			
Ø5ØØ	EOOW PROPERLY RELIEVED BY GSMIC(SW) [redacted]			
	[redacted] GMIC(SW)			
	[redacted] GMIC(SW)			
Ø5ØØ	ASSUMED THE WATCH			
Ø52Ø	COMMENCED RECIRC FWT #2 TO CHECK BROMINE BRPM.			
Ø531	SECURED RECIRC FWT #2, BROMINE 7.2 BRPM, ALIGNED FWT #2			
	FOR SUCTION, ALIGNED FWT #1 FOR FILL PUMPM.			

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TIME	RECORD OF ALL OF EVENTS OF THE DAY	DAY 12	MONTH OCT	YEAR 00
0532	ALIGNED 1A/1B R.O UNITS TO POTABLE IAW R.O.D.			
0536	STARTED 1B GTM IAW CAMS, PEAK T5.4 901 °F.			
0538	DELTA T5.4 64°F, PLACED 1B GTM ONLINE CAMS			
	SPLIT PLANT.			
0546	SET SEA & ANCHOR DETAIL			
0558	STARTED #3 GTG IAW GTPG.			
0601	ALIGNED 1A/1B R.O TO DUMP IAW R.O.D.			
0619	SECURED 1A/1B R.O. UNITS IAW R.O.D.			
0640	PLACED FWD/AFT VCHT SYSTEM IAW STS.			
0705	STOPPED OWS IAW OWS.			
0721	COMMENCED RECIRC FWT #3 TO CHECK BROMINE			
	LEVEL.			
0724	SECURE RECIRC FWT #3, BROMINE LEVEL >.2			
	IAW BRPM, ALIGNED FWT #3 FOR SUCTION IAW			
	PWPM.			
0736	SET RESTRICTED MANEUVERING, PLACED 1B/2B GTM'S			
	IN BATTLE OVERRIDE.			
0849	MOORED STBD SIDE TO REFUELING PIER ADEN, YEMEN.			
0927	SECURE FROM RESTRICTED MANEUVERING.			
0934	SECURE SEA & ANCHOR DETAIL.			
0934	REMOVED BATTLE OVERRIDE 1B/2B GTMS, INITIATED			
	NORMAL STOP COOLDOWN 1B/2B GTMS CMAS.			
0935	CLOSED #3 GEN CIRCUIT BREAKER, GTPG, ~~UNLOADED~~	1-12		
	UNLOADED #2 GTG IAW GTRL, SECURED 1A, 1B, 2A	10/14		
	2B HPU'S IAW SG.			
0939	NORMAL STOP COMPLETE 1B/2B GTM'S CMAS.			

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TIME	RECORD OF ALL OF EVENTS OF THE DAY	DAY 12	MONTH OCT	YEAR 00
0940	SECURED DEGAUSSING SWBD IAW POSTED INSTRUCTIONS			
0944	CLOSED #2 GENERATOR CIRCUIT BREAKER IAW GTPG,			
/	UNLOADED #1 GTG IAW GTRL.			
0946	ENGAGED PORT/STBD TURNING GEARS, COMMENCE			
/	ROTATING IN FWD DIRECTION MRTG.			
0949	CCS WATCH PROPERLY RELIEVED BY CSM1(SW) [redacted]			
/	CSMC(SW) [redacted]			
/	CSMC(SW) [redacted]			
0949	ASSUMED THE WATCH.			
1004	REFUELING ALIGNMENT VERIFIED BY MPR.			
1014	STOPPED NR 1 GTG IAW GTRL			
1027	REFUELING ALIGNMENT VERIFIED BY CHENG.			
1028	~~OPENED FILL VALVES FOR TANK GROUPS 1,2,3,4,5, & 6~~			
1031	COMMENCED REFUELING AT STATION 3			
1032	BEGINNING SAMPLE STATION 3 BRIGHT NOT CLEAR			
1059	COMMENCED FILLING FWT #1 IAW PWPM, COMMENCED RECIRC			
/	FWT #4 TO TEST BROMINE LEVEL			
1112	SECURED RECIRC FWT#4 IAW BRPM BR >.2			
1113	SHIFTED POTABLE WATER SUCTION TO FWT #4 IAW PWPM			
1118	SECURED FILLING TANK GROUP 4			
/	EXPLOSION ON PORT MID SHIP,			
/	[redacted]			
/	[redacted]			
[redacted]				
[redacted]				
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Enclosure (2). Extracted copy of USS COLE (DDG 67) Engineering Log from 230000 C Oct 00 to 172359 C Oct 00 (c) pages 7 through 35 are removed because it is a classified document.