

ZONE DESCRIPTION -12

DATE THURSDAY, APRIL 19

BERTH DEPART KING'S WHARF, SUV.

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOI
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE
01															
02															
03															
04															
05															
06															
07															
08															
09															
10	097	097	073	CLDY	12	160	25	160	MOD	170	6-8	1012.1	77	AC 1675	CU, ST
11															
12	097	098	074	CLDY	12	145	15	145	MOD	170	6-8	1010.7	77	75	CU, ST
13															
14	087	087	063	CLDY	12	110	12	110	SLT	170	4	1007.0	77	74	SC
15															
16	087	087	063	CLDY	12	110	12	110	WLVT	170	4-5	1008.6	76	75	CU SC
17															
18	087	087	063	RAIN O'CAST	7	090	10	090	WLVT	160	4	1009. ^o	80	76	ST
19															
20	061	061	037	CLDY	10	090	14	090	SLT	-	-	1009. ²	80	76	SC CU
21															
22	061	058	033	CLDY	10	090	8	090	SLT	-	-	1010.0	77	75	SC
23															
24	074	073	048	CLDY	10	080	9	080	SLT	-	-	1010.5	77	75	-

STEAMING TIME		TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE	FUEL OIL CONSUMED	FUEL OIL ON HAND	LUB. OIL CONSUMED	LUB. OIL ON HAND	FRESH WATER CONSUMED	FRES ON
HRS.	MIN.	DAYS	HRS. MIN.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	
5	6	-	5 6			3006	78752	60	100	-		47

STATION TIME		DETENTION	COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.		DEP	ARR			
○				GYRO	PORT	STBD	GAL.	GAL.	
TOTAL STATION TIME		TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED
DAYS	HRS.	MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.
○									

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VIS
 2 ELECTRONIC 4 D.F.

TIME	TYPE OBS.	1200 2	TIME 2000	TYPE OBS. 2
LATITUDE		LATITUDE 18° 17.9 S	LATITUDE 18° - 06.5 S	
LONGITUDE		LONGITUDE 179° 20.0 E	LONGITUDE 179° - 01.0 W	

REMARKS

0001-0600 SCANLAND MILLER/WORRELL
MARSEC LEVEL 1 DOS IN EFFECT. 0500 SECURITY CHECK OF ALL SPACES CONDUCTED. NOTHING SUSPICIOUS FOUND. R. MEYER, E. SCANLAND, W. MILL & L. WORRELL PERFORMED THE SEARCH. 0630 TAW 33CFR 164.25 + 46CFR 97.15-3 PRE-DEP TESTS INCLUDING EOT, ALL UMMs, BOW THRUSTER, PROP AG AST, SHIP'S BELL + WHISTLE, + 6MDSS + STEERING GEAR TESTS. 0640 PILOT M. PECKHAM ABOARD. 0650 GANGWAY ASD 0654 LAST LINE. 0725 PILOT AWAY. 0741 C/L TO 098°T, 120 RPM, 098°PGC, 074°PSC. 0755 WATCH RELIEVED BY M. KINZIE.

E. Scanland

0800-1200 KINZIE PERRY/RIOS
U/W ON CSE 098°T, 098°PGC, 074°PSC. 3 GENERATORS ONLINE FOR 120 RPM. 0830 CAPTAIN HOLDS SAFETY BRIEFING IN CONFERENCE ROOM WITH ONCOMING SCIENCE PERSONNEL. 0857 EMERGENCY DRILL FOR SCIENCE PARTY. 1145 WATCH RELIEVED BY Z/M SCANLAND.

W.D. 22/

1200-1600 SCANLAND MILLER/WORRELL
U/W AS BEFORE. 1153 C/L TO 087°T, 087°PGC, 063°PSC. 1200 DAILY TEST OF SHIP'S GEN. ALARM + WHISTLE. 1245 XBT LAUNCHED AT 18°17.3'S 179°29.4'W. 1448 SLOW TO 6 KTS FOR MAGGIE DPLYMT, 18°15.9'S 179°55.7'E. 1450 I/O 120 R. 1545 WATCH RELIEVED BY C/M SCHOENBERG.

E. Scanland

1600-2000 SCHOENBERG HARVEY/HASLAM
U/W CSE 087°T, 087°PGC, 063°PSC. W/MAGGIE IN TOW #1, 2, 3 WYE ON LINE @ 120 RPM. 1905 C/CSE 061°T, 061°PGC, 037°PSC. NAYAU IS @ 036.4 @ 14.8 NM. 1945 WATCH RELIEVED BY 3/M M. KINZIE.

E. Schoenberg

2000-0000 KINZIE PERRY/RIOS
U/W CSE 061°T, 061°PGC, 037°PSC. 3 GENERATORS ONLINE FOR 120 RPM. 2115 @ 17°-59.9'S, 178°-48.36'W. HAIF WAY THROUGH THE LEMBKA PASS. 2324 C/L TO 074°T, 073°PGC, 048°PSC. 2345 WATCH RELIEVED BY Z/M SCANLAND.

W.D. 22/

* LE TAW 46CFR 97.15-7 MASTER ATTESTS SHIP'S STABILITY IN ACCEPTABLE PARAMETERS.

E No.

O MOANA

ZONE DESCRIPTION

-12/+12

THURSDAY 19
DATE FRIDAY, APRIL 20, 2007

CRUISE KM07-04

BERTH

WEATHER OBSERVATIONS

COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS					
TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT				
074	073	048	PCLDY	12	050	6	050	RIP	-	-	1008.4	76	75	CU	8				
074	073	050	PCLDY	12	080	8	080	RIP	-	-	1008.1	76	75	CU SC	8				
074	073	050	CLDY	12	045	8	045	RIP	110	5	1008.6	81	76	CU SC ASAC	9				
074	073	050	CLDY	12	000	5	000	RIP	110	4	1009.5	81	77	CU SC ASAC	9				
074	072	046	CLDY	12	005	10	005	SLT	110 040	4	1019.6	84	79	CU, SC, AS, ST	9				
074	074	052	RAIN CLDY	10	355	8	355	SLT	110	4	1019.5	84	79	SC CU	10				
074	071	048	CLDY	12	010	15	010	SLT	160	4-6	1006.9	77	76	ST CU SC	10				
074	071	048	CLDY	12	030	6	030	SLT	160	4-6	1007.1	77	76	ST CU SC	10				
074	071	048	RAIN CLDY	02	LIGHT AIRS			-	035	4	1007.7	76	75	ST	10				
074	071	048	RAIN CLDY	03	140	16	140	SLT	-	-	1008.1	76	75	ST	10				
082	081	059	RAIN CLDY	5	110	22	110	MOD	-	-	1009.2	75	74	-	10				
082	081	059	RAIN CLDY	5	110	25	110	SLT	-	-	1009.2	75	74	-	10				
SAILING TIME		TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE		FUEL OIL CONSUMED		FUEL OIL ON HAND		LUB. OIL CONSUMED		LUB. OIL ON HAND		FRESH WATER CONSUMED		FRESH WATER ON HAND	
MIN.		DAYS HRS. MIN.		MILES		MILES		GAL.		GAL.		GAL.		GAL.		GAL.		GAL.	
		1 5 6				350.2		3387		75365		-		100		-		5255	

NON TIME		DETENTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED	
MIN.	HR.	MIN.	HR.	GYRO	PORT	STBD	PORT	STBD	TYPE	TYPE	TREATED	YES	NO
TOTAL DETENTION TIME		TOTAL DETENTION		STAND.		FWD.		FWD.		TYPE		CO.	
HRS.	MIN.	HRS.	MIN.	DEV.	AFT.	AFT.	CO.	CO.	CO.	CO.	CO.	CO.	CO.

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

0400 TYPE OBS. 2		1200 2		TIME 2000 TYPE OBS. 2	
LATITUDE 17° 31' 45"		LATITUDE 17° 03.8 S		LATITUDE 16° - 36.9 S	
LONGITUDE 177° 27' 8 W		LONGITUDE 175° 48.5 W		LONGITUDE 174° - 12.3 W	

REMARKS

201-0400 SCANLAND MILLER/WORRELL
 LW FOR 34 STA 1 ON CSE. 074°T 073°PGC 048°PSC, 120 RPM, GENS. +3°
 MAGGIE IN TOW, STEERING PUMP #1. 0000 POS. 17°44.95 178°16.4 W. 0056
 IME SYNC W/E.R. SAT. 0200 ROUNDS MADE, ALL SECURE. 0227 IN POS.
 1°36.53 177°46.4 W TAW 47 CFR 30.869 + 80.1105 DAILY GMDSS TESTS SAT.
 315 ALL SECURE. 0345 WATCH RELIEVED BY C/M SCHOENBERG.

E. Scanland

400-0800 SCHOENBERG HASLAM/HARVEY
 U/W 074°T 073°PGC 050°PSC W/MAGGIE IN TOW #1, 2, 3 ME ON
 LINE @ 120 RPM 0745 WATCH RELIEVED BY 3/m M. KINZIE

Eric L. Schoenberg

0800-1200 KINZIE PERRY/BIOS
 U/W ON CSE 074°T, 072°PGC, 050°PSC. 3 GENERATORS ONLINE
 MAKING 120 RPM. MAGGIE IN TOW. 1145 WATCH RELIEVED
 BY 2/m SCANLAND.

W.D. Z

200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE. 1200 DAILY TEST OF SHIP'S GEN ALARM + WHISTLE. 1230
 TAW 33 CFR 104.230(b) HELD SECURITY DRILL, INCLUDING BOMB SEARCH,
 SECURITY LOCKDOWN AND INSTRUCTION FOR SCL PARTY + SHIP'S CREW IN POS.
 1°3 175°35.5 W. 1300 SECURE FROM DRILL. 1530 CSE 074°T 071°PGC 048°PSC.
 545 WATCH RELIEVED BY C/M SCHOENBERG.

E. Scanland

00-2000 SCHOENBERG HARVEY/HASLAM
 U/W W/MAGGIE IN TOW W/1, 2, 3 ME ON LINE @ 120 RPM CSE 074°T
 71°PGC 048°PSC 1630 WATCH STANDERS BEGIN MULTIPLE ROUNDS
 U/E TO HEAVY RAINS 1945 WATCH RELIEVED BY 3/m M. KINZIE

Eric L. Schoenberg

2000-0000 KINZIE PERRY/BIOS
 U/W ON CSE 074°T, 074°PGC, 050°PSC. 3 GENERATORS
 ONLINE FOR 120 RPM. MAGGIE IN TOW. 2105 C/C TO 82°T,
 80°PSC 059°PSC. 2200 ADVANCE CLOCKS 1 HOUR TO CONFORM WITH
 ZD +11. 2345 WATCH RELIEVED BY 2/m SCANLAND.

W.D. Z

LE★-1300 TAW CFR 199.190 (D) 1 & 2. RESCUE BOAT
 ENGINE TESTED OPERATIONALLY. LIFERAFTS, AND LAUNCHING
 APPARATUS, VISUALLY^{AK} VISUALLY INSPECTED.

DATE FRIDAY, APRIL 20, 2007

BERTH

WEATHER OBSERVATIONS

COURSE		WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
078	053	CLDY	10	090	16	090	SLT MOD	-	-	1008.1	76	74	CU SC	9
081	059	CLDY	10	090	12	090	SLT	-	-	1007.5	75	74	CU SC	9
081	059	CLDY	10	100	25	100	MOD	-	-	1007.2	78	75	ST SC CU	10
081	059	CLDY	10	080	14	080	SLT MOD	170	5	1008.7	82	77	ST SC CU	10
080	058	CLDY	12	030	18	030	MOD	155	8	1010.4	81	77	SC CU ST	10
077	053	CLDY	12	020	20	020	MOD	155	8	1010.6	81	77	SC CU AC	10
082	060	CLDY	12	060	12	060	SLT	160	8	1008.8	79	77	SC CU AC	10
082	060	CLDY	12	065	10	065	SLT	160	6-8	1008.8	79	77	SC CU	10
STA	1	CLDY	12	085	12	085	SLT	145	6	1010.8	78	76	SC CU	10
STA	1	STARS CLDY	08	075	12	075	SLT	-	-	1010.8	81	78	ST SC	10
ATION	#1	CLDY	10	035	9	035	SLT	-	-	1012.6	80	77	-	10
019	358	CLDY	10	010	5	010	SLT	-	-	1012.0	80	77	-	10

TOTAL STEAMING TIME DAYS HRS. MIN.		DISTANCE MILES	TOTAL DISTANCE MILES	FUEL OIL CONSUMED GAL.	FUEL OIL ON HAND GAL.	LUB. OIL CONSUMED GAL.	LUB. OIL ON HAND GAL.	FRESH WATER CONSUMED GAL.	FRESH WATER ON HAND GAL.
2	5	6	270.2	620.4	3224	7214	-	100	-

DETENTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED			
MIN.	HR.	MIN.	GYRO	PORT	STBD	GAL.	GAL.	GAL.		
TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED YES NO			
MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.			

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
 2 ELECTRONIC 4 D.R.

0400 TYPE OBS. Z	1200 Z	TIME	TYPE OBS.
16° 23 15	LATITUDE 16° 10.1 S	LATITUDE	16° S
172° 47 1 W	LONGITUDE 171° 13 1 W	LONGITUDE	170° W

REMARKS

0001-0400 SCANLAND WORRELL/MILLER
 U/W FOR SCI. STA 1, CSE 082°T 081°PGL 059°PSC, 120 RPM, GENS. 1-3
 STEERING PUMP #2, MAGGIE IN TOW. 2343 TIME SYNC W/ER. SAT.
 0000 POS. 16°29.9'S 173°35.4'W. 0153 ROUNDS MADE, ALL SECURE. CISE
 TAW 47CFR 80.869 + 80.1105 DAILY 6 MDSS TESTS SAT IN POS. 16°26.6'S
 173°11.7'W. 0320 ALL SECURE. 0345 WATCH RELIEVED BY C/M SCHOENBERG
 E Aramian

0400-0800 SCHOENBERG HARVEY/HARSLAM
 U/W TOWING MAGGIE #1, 2, 3 M/E ON LINE @ 120 RPM CSE 082°T
 081°PGL 059°PSC 0430 ROUNDS MADE ALLS WELL FORE & AFT 0745
 WATCH RELIEVED BY 3/M M. KINZIE
 Eric T. Schoenberg

0800-1200 KINZIE PERRY/RIOS
 U/W ON CSE 082°T, 081°PGL, 059°PSC. 3 GENERATORS ONLIN
 FOR 120 RPM. MAGGIE IN TOW. 1145 WATCH RELIEVED BY
 2/M SCANLAND.
 mrdzy

1200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE. 1515 082°T 082°PGL 060°PSC. 1545 WATCH RELIEVED
 C/M SCHOENBERG.
 E Aramian

1600-2000 SCHOENBERG HARSLAM/HARVEY
 U/W 082°T 082°PGL 060°PSC TOWING MAGGIE ASTERN @ 120 R
 W/ 1, 2, 3 M/E ON LINE @ 120 RPM 1740 R/SPD FOR MAGGIE RECOVERY 1/
 ALL STOP 1755 CTD 1-1 ↓ @ 15°59' 98°S, 170°00'0" W #1 M/E SE
 1801 SURFACE PUMP ↓ @ SAME Q & A 1830 SURFACE PUMPS ABN SAME Q & A
 1840 CTD ABN 16°00'0" S 170°00'0" W 1847 OPTICS ↓ @ 16°S 170°W 1850
 SURFACE PUMP 2 ↓ 1915 OPTICS ABN 16°S 170°W 1932 SURFACE PUMP 2
 ABN 1945 WATCH RELIEVED BY 3/M M. KINZIE
 Eric T. Schoenberg

2000-0000 KINZIE PERRY/RIOS.
 ON SCIENCE STATION #1 @ 16°S, 170°W. 1946 @ 16°S,
 170°W, CTD 1-2 ↓. 1952 @ 16°S, 170°W HV PUMPS ↓.
 2021 @ 16°S, 170°W HV PUMPS ↑. 2026 @ 16°S-170°W, TM PUMP
 2046 @ 16°S, 170°W, TM PUMPS ↑. 2054 @ 16°S, 170°W CTD 1-2
 2055 C/S TO 1.5 KT. ON CSE 121°T, TO TOW METER NET. 210
 @ 16°S, 169°-59.8'W, METER NET ↓. 2150 @ 16°-00.7'S, 169°-58.1'
 METER NET ↑. 2156 @ 16°-00.8'S, 169°-58.8'W, CTD 1-3 ↓.
 2200 @ 16°-00.8'S, 169°-58.8'W HAND NETS ↓. 2220 @ 16°-00.8'
 169°-58.8'W, HAND NETS ↑. 2224 @ 16°-00.8'S, 169°-58.8'W,
 CTD 1-3 ↑. 2237 @ 16°-00.8'S, 169°-58.8'W, ATE ↓. 2258
 @ 16°-00.8'S, 169°-58.8'W, ATE ↑. 2305 @ 16°-00.4'S,
 169°-58.6'W C/S TO 5.0 KTS, MAGGIE ↓. 2308 C/S
 TO 120 BPM DEPART SCIENCE STATION #1 ON CSE, 019°
 358°PSG, 2345 WATCH RELIEVED BY 2/M SCANLAND.
 mrdzy

LE★ - IAW 46 CFR 196.15-60 (a.) - INSPECTED SHIP'S PORTAB
 FIRE EXTINGUISHERS. ALSO INSPECTED VISUALLY, FIXED
 CO₂ SYSTEM.

NA

ZONE DESCRIPTION +11/410

DATE SATURDAY, APRIL 21, 2007

km07-04

BERTH

WEATHER OBSERVATIONS

COURSE		WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
021	002	PCLDY	12	005	12	005	SLT	-	-	1010.4	78	76	SC CU	3
021	002	PT CLDY	12	005	10	005	SLT	-	-	1010.2	83	77	SC CU	5
021	002	CLDY	12	010	8	010	WVLT	195	5	1011.4	84	78	SC AS CU	6
019	358	PTLY CLDY	12	035	7	035	SLT	340	4	1012.5	88	77	SC CU	8
018	356	PTLY CLDY	12	030	5	030	SLT	340	4	1012.6	88	77	SC CU	8
015	355	PCLDY	12	060	6	060	RIP	155	4	1010.6	76	73	CU SC	7
016	355	PCLDY	12	040	5	040	RIP	150	4	1010.4	76	72	CU SC	7
018	356	CLDY	12	060	5	060	RIP	150	5	1010.9	77	72	CU SC	7
018	356	CLDY	12	100	5	100	RIP	145	5	1011.4	84	79	CU AS	7
020	358	CLDY	10	065	16	065	SLT	-	5	1013.1	80	77	-	7
017	356	CLDY	10	110	8	110	SLT	-	6	1013.4	80	77	-	8
				2768										

TOTAL STEAMING TIME		DISTANCE	TOTAL DISTANCE	FUEL OIL CONSUMED	FUEL OIL ON HAND	LUB. OIL CONSUMED	LUB. OIL ON HAND	FRESH WATER CONSUMED	FRESH WATER ON HAND
DAYS	HRS. MIN.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
2	23 42	218.8	839.2	69373	69373	-	100	-	5390

DETENTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED		
MIN.	HR.	MIN.	GYRO	PORT	STBD	GAL.	GAL.	GAL.	
1									
TOTAL DETENTION			STAND.	FWD.	FWD.	TYPE	TYPE	TREATED	YES NO
IN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.		
1									

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

0400 TYPE OBS. 2	1200 2	TIME	TYPE OBS.
15 15 0 S	LATITUDE 13°43.2 S	LATITUDE	
169 43 0 W	LONGITUDE 169°08.4 W	LONGITUDE	

REMARKS

0001-0400 SCANLAND MILLER/WORRELL
 U/W FOR SCI STA 2, CSE 019°T 019°PGC 358°PSC, 120 RPM, GENS. 1-3, PUMP
 MAGGIE IN TOW. 2347 BRIDGE TIME SYNC. W/ER. 1 SEC. SLOW. 0000 POS.
 15°50.2 S 169°56.4 W. 0200 ADVANCE CLOCKS 1 HR TO CONFORM W/ ZD +10
 1215 C/L TO 020°T 021°PGC 002°PSC. 0255 TAW 47CFR 80.869 + 80.1105
 DAILY GMDSS TESTS SAT. IN POS. 15°28.3 S 169°47.7 W. 0345 WATCH
 RELIEVED BY C/M SCHOENBERG

E. Aranda

0400-0800 SCHOENBERG HARVEY/HASLAM
 U/W 020°T 019°PGC 358°PSC W/1, 2, 3 M/E ON LINE @ 120 RPM W/MAGGIE
 IN TOW 0745 WATCH RELIEVED BY 2/M M. KINZIE

E. Schoenberg

0800-0000 KINZIE PERRY/RIOS
 U/W ON CSE 020°T, 019°PGC, 358°PSC. 3 GENERATORS MAKING
 120 RPM, MAGGIE IN TOW. 0910 A/C TO CSE 019°T,
 018°PGC, 356°PSC. 1145 WATCH RELIEVED BY 2/M SCANLAND

W.D. [Signature]

200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE. 1200 DAILY TEST OF SHIP'S GEN. ALARM & WHISTLE. 1530
 219°T 016°PGC 355°PSC. 1545 WATCH RELIEVED BY C/M SCHOENBERG.

E. Aranda

1600-2000 SCHOENBERG HASLAM/HARVEY
 U/W 019°T 016°PGC 355°PSC W/MAGGIE IN TOW W/1, 2, 3 M/E ON LINE
 @ 120 RPM 1600 POS 12°57.3' S 168°52.5' W ROUNDS MADE & DECK MAINT.
 CONT. 1945 WATCH RELIEVED BY 3/M M. KINZIE

E. Schoenberg

2000-0000 KINZIE PERRY/RIOS
 U/W ON CSE 019°T, 018°PGC, 356°PSC. 3 GENERATORS ONLINE
 MAKING 120 RPM, MAGGIE IN TOW. 2345 WATCH RELIEVED
 BY 2/M SCANLAND.

W.D. [Signature]

LEA - 1400 IAW 46 CFR 199.190 (a). INSPECTED ALL OF
 SHIP'S EMERGENCY EYE WASH STATIONS.

P.O.B. 41

DATE SUNDAY, APRIL 22, 2007

BERTH

WEATHER OBSERVATIONS

COURSE		WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS				
GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT			
	018	357	SQUALL	8	080	12	080	SLT	—	—	1013.4	71	69	ST	10		
	018	357	P.CLDY	12	090	8	090	RIP	—	—	1011.5	71	69	CU SC	5		
	018	357	CLDY	10	050	12	050	WVLT	—	—	1011.0	83	79	CU CN SC	7		
	018	357		12	080	16	080	SLT	190	6	1011.9	84	78	CU CI MS SC	5		
	020	357	RAIN CLDY	10	065	20	065	SLT	170	7	1012.7	81	79	CU, ST CN	9		
	018	360	P.TLY CLDY	12	080	15	080	SLT	170	6	1012.8	81	79	CU, ST SC	5		
	018	358	SQUALLS P.CLDY	12	050	10	050	WVLT	040	5	1009.3	75	73	CU SC	7		
	018	358	P.CLDY	12	070	12	070	SLT	040	5	1008.5	76	73	CU CN SC ST	7		
	018	358	SQUALLS CLDY	10	060	10	060	SLT	045	5	1010.1	78	73	CU CN SC AS	7		
	18	358	SQUALLS CLDY	10	065	10	065	SLT	030	5	1010.6	78	73	—	7		
STATION #2			RAIN CLDY	10	095	8	095	SLT	—	5	1012.5	79	77	—	6		
STATION #2			P.TLY CLDY	12	095	9	095	SLT	—	6	1012.1	82	80	—	3		
TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE		FUEL OIL CONSUMED		FUEL OIL ON HAND		LUB. OIL CONSUMED		LUB. OIL ON HAND		FRESH WATER CONSUMED		FRESH WATER ON HAND	
DAYS HRS. MIN.		MILES		MILES		GAL.		GAL.		GAL.		GAL.		GAL.		GAL.	
3 23 42						2228		06145		—		100		—		5540	

ME	DETENTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED
MIN.	HR.	MIN.		DEP	ARR			
			GYRO	PORT	STBD	GAL.	GAL.	GAL.
TIME	TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED YES NO
MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.	

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
 2 ELECTRONIC 4 D.R.

0400 TYPE OBS. 2	1200 2	TIME 2000 TYPE OBS. 2
10° 40 0 S	LATITUDE 9° 09.2 S	LATITUDE 7° - 35.0'S
168° 05 0 W	LONGITUDE 167° 33.9 W	LONGITUDE 167° - 01.7'W.

REMARKS

001-0400 SCANLAND MILLER / WORRELL
 1/W FOR 54 WPT. 2 ON CSE 019° T 019° PGC 000° PSC, 120 RPM, GENS. 1-3,
 TEERING PUMP #2, MAGGIE IN TOW 0000 POS. 11°25.2'S 168°20.6'W. 0148
 JAW 47 CFR 80.869 + 80.1105 DAILY GMDSS TESTS SAT IN POS. 11°04.6'S
 08°13.6'W. 0200 ROUNDS MADE, ALL SECURE. 0320 ALL SECURE. 0325 JAW
 6 CFR 199.190(e)(1) WELY TEST OF SCT. SAT. 0345 WATCH RELIEVED BY C/M
 SCHOENBERG.

E. Scanland

0400-0800 SCHOENBERG HASLAM / HARVEY
 1/W MAGGIE TOWING ASTERN @ 120 RPM W/1,2,3 M/E ON LINE CSE 019° T
 019° PGC 357° PSC 0400 POS 10°40.0'S 168°05.0'W ROUNDS MADE ALL'S WELL FORE
 AFT 1945 WATCH RELIEVED BY 3/M M. KINZIE

Eric Schoenberg

0800-1200 KINZIE PERRY / BIOS
 1/W ON CSE 019° T, 019° PGC, 357° PSC. 3 GENERATORS ONLINE
 FOR 120 RPM, MAGGIE IN TOW. 1145 WATCH BELEIVED BY
 2/M SCANLAND.

MD

1200-1600 SCANLAND MILLER / WORRELL
 1/W AS BEFORE. 1200 DAILY TEST OF SHIP'S GEN. ALARM & WHISTLE 1217
 BT LAUNCHED AT POS. 9°05.8'S 167°32.7'W. 1530 CSE 019° T 018° PGC 358° PSC.
 1545 WATCH RELIEVED BY C/M SCHOENBERG.

E. Scanland

1600-2000 SCHOENBERG HARVEY / HASLAM
 1/W CSE 019° T 015° PGC 355° PSC W/MAGGIE ASTERN @ 120 RPM
 W/1,2,3 M/E 1945 WATCH RELIEVED BY 3/M M. KINZIE

Eric Schoenberg

2000-0000 KINZIE PERRY / BIOS
 1/W ON CSE 019° T, 018° PGC, 358° PSC, 3 GENERATORS ONLINE
 FOR 120 RPM, MAGGIE IN TOW. 2015 SLOW, C/S TO 5 KTS
 TO PULL UP MAGGIE. 2020 @ 7°-31.1'S, 167°-00.4'W,
 MAGGIE ↑, ON STATION #2. 2030 @ 7°-31.1'S, 167°-00.4'W,
 TM PUMPS ↓. 2035 @ 7°-31.1'S, 167°-00.4'W, CTD 2-1 ↓.
 2100 @ 7°-31'S, 167°-00.4'W, CTD 2-1 ↑. 2105 @ 7°-31'S,
 167°-00.4'W, OPTICS CAGE ↓. 2133 @ 7°-31'S, 167°-00.4'W,
 OPTICS CAGE ↑. 2147 @ 7°-31'S, 167°-00.4'W, CTD 2-2 ↓.
 2213 @ 7°-31'S, 167°-00.4'W, TM PUMPS ↑. 2215 @ 7°-31'S,
 167°-00.4'W, HV PUMPS ↓. 2243 @ 7°-30.9'S, 167°-00.3'W
 HV PUMPS ↑. 2247 @ 7°-30.9'S, 167°-00.3'W, CTD 2-2 ↑.
 2248 C/S TO 1.5 KTS ON CSE 100° T, TO TOW METER NET.
 2250 @ 7°-30.9'S, 167°-00.3'W, METER NET ↓. 234 WA
 BELEIVED BY 2/M SCANLAND.

MD

O.

P.O.B. 41

OANA

ZONE DESCRIPTION +10

DATE MONDAY, APRIL 23, 2007

IISE RM07-04

BERTH

WEATHER OBSERVATIONS

E	COURSE		WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
	012	353	P.CLDY	12	080	12	080	SLT	7	-	1011.2	80	77	3	CU
	014	357	P.CLDY	12	070	10	070	SLT	-	-	1010.4	79	76	CU	6
	014	357	P.CLDY	12	080	12	080	SLT	-	-	1010.6	80	78	SC	3
	014	357	P.CLDY	10	115	12	115	SLT	840	5	1011.7	80	78	SC CN	8
	013	356	P.CLDY	12	080	10	080	SLT	045	6	1012.7	82	79	CN, CU	6
	012	355	P.CLDY	12	085	12	085	SLT	045	6	1012.8	87	79	CU, SC	7
	012	355	P.CLDY	12	110	8	110	SLT	030	4-6	1010.4	87	76	CU	7
	014	356	P.CLDY	12	075	12	075	SLT	035	4-6	1009.6	82	77	CU CN	5
	014	356	P.CLDY	12	075	7	075	SLT	035	5	1010.1	82	78	CU CN	7
	014	356	P.CLDY	12	035	10	035	SLT	045	6	1010.6	80	77	CU CN	5
	012	355	P.CLDY	12	035	13	035	SLT	-	6	1012.4	83	79	-	2
	STATION #3		P.CLDY	12	060	12	060	SLT	-	6	1013.0	83	79	-	2

G	TOTAL STEAMING TIME		DISTANCE	TOTAL DISTANCE	FUEL OIL CONSUMED	FUEL OIL ON HAND	LUB. OIL CONSUMED	LUB. OIL ON HAND	FRESH WATER CONSUMED	FRESH WATER ON HAND
	DAYS	HRS. MIN.								
12	24	18 54	5	1376.3	2847	63298	10	90	-	5442

TIME	DETENTION		COMPASS ERROR	DEP	DRAFT	ARR	FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED
	MIN.	HR.							
48									
TIME	TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED	YES NO
	MIN.	HR.							
12									

709

903

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

0400 TYPE OBS. 2	1200 2	TIME 2600 TYPE OBS. 2
06051.25	LATITUDE 5° 13.9 S	LATITUDE 3° -37' S
166° 51.3 W	LONGITUDE 166° 29.7 W	LONGITUDE 166° -08.2 W

REMARKS

0001-0400 SCANLAND MILLER / WORRELL
 ON STA AS BEFORE. 2340 METER NET T IN POS 7°31.2 S 166°58.8 W. 234
 CTD ↓ SAME POS. 2355 HAND NETS ↓ ON STA. 0007 NETS ↑ ON STA. 0009
 TRACEMETAL PUMP ↓ 7°31.2 S 166°58.8 W 0018 CTD ABD SAME POS. 0020
 GENS. O/L. 0029 PUMP ABD AT 7°31.2 S 166°58.8 W 0032 U/W. 0033 BEGIN
 MAGGIE DPLYMT 7°31.2 S 166°58.8 W; I/S TO 70 RPM, CSE 000° PGC. 0100
 120 RPM. 0142 CSE 12° T 012° PGC 353° PSC. 0154 JAW 47 CLR 80.869 + 80.1105
 DAILY GMDSS TESTS SAT. IN POS. 7°17.0 S 166°57.1 W. 0249 TIME SYNC W/
 SAT. 0310 ALL SECURE. 0345 WATCH RELIEVED BY C/M SCHOENBERG.

E Scanland

0400-0800 SCHOENBERG HARVEY / HASLAM
 U/W #1, 2, 3 ME ON LINE @ 120 RPM CSE 012° T 014° PGC 357° PSC
 W/MAGGIE IN TOW 0430 BOUNDS MADE 0745 WATCH RELIEVED BY 3/M KINZIE

E. T. Schoenberg

0800-1200 KINZIE PERRY / RIOS
 U/W ON CSE 012° T, 014° PGC, 357° PSC, 3 GENERATORS ONLINE
 FOR 120 RPM. MAGGIE IN TOW. 1145 WATCH RELIEVED BY
 2/M SCANLAND.

MD 27

1200-1600 SCANLAND MILLER / WORRELL
 U/W FOR O/L STA 3 AS BEFORE. 1200 DAILY GMDSS TESTS SAT OF SHIP'S GEN
 ALARM + WHISTLE. 1525 CSE 012° T 014° PGC 356° PSC. 1545 WATCH RELIEVED
 BY C/M SCHOENBERG.

E Scanland

1600-2000 SCHOENBERG HASLAM / HARVEY
 U/W CSE 012° T 014° PGC 356° PSC 120 RPM ON #1, 2, 3 ME W/MAGGIE
 ASTERN 1634 SLOW TO 94 RPM FOR MAN ALOFT 1649 I/SPA 120 RPM 1945
 WATCH RELIEVED BY 3/M M. KINZIE

E. T. Schoenberg

2000-0000 KINZIE PERRY / RIOS
 U/W ON CSE 012° T, 014° PGC, 356° PSC. 3 GENERATORS ONLINE
 MAKING 120 RPM, MAGGIE IN TOW. 2255 C/S TO 5.0 KTS TO
 PICK UP MAGGIE, ON "F" SCIENCE BEGINS ON STATION #3. 2305
 @ 3°-02.6'S, 166°-00.6'W, MAGGIE ↑. 2310 @ 3°-02.6'S,
 166°-00.6'W, HV PUMPS ↓. LE* 2300 ALL STOP ON STATION @
 3°-02.6'S, 166°-00.6'W. 2317 @ 3°-02.6'S, 166°-00.6'W, CTD 3-
 2345 WATCH RELIEVED BY 2/M SCANLAND.

MD 27

GE No.

P.O.B. 41

KILO MOANA ZONE DESCRIPTION +10 DATE TUESDAY, APRIL 24, 2007
ON CRUISE KM07-04 BERTH _____

WEATHER OBSERVATIONS

COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
ON	STATION		CLR	12	050	12	050	SLT	-	-	1011.4	81	78	CU	2
027	028	010	PCLDY	12	040	10	040	SLT	-	-	1010.0	81	78	CU SC	3
027	028	010	PT CLDY	12	055	6	055	RIP	-	-	1010.4	82	77	CU SC	5
027	028	010	PT CLDY	12	065	10	065	WVLT	175	6	1011.2	80	77	CU SC	5
027	032	014	PTLY CLDY	12	070	12	070	SLT	070	5	1012.1	84	79	CU ST	4
027	032	014	PTLY CLDY	12	070	12	070	SLT	070	5	1012.0	84	80	CU ST	5
027	032	014	PCLDY	12	050	8	050	WVLT	030	4-6	1010.0	82	77	CU SC	6
027	032	019	PCLDY	12	065	8	065	WVLT	030	4-6	1009.4	82	77	CU SC	6
027	032	019	PT CLDY	12	050	12	050	SLT	040	6	1009.8	81	77	CU SC	4
027	032	019	PT CLDY	12	055	10	055	SLT	040	6-8	1010.5	80	76	CU SC	4
027	029	010	PTLY CLDY	12	065	15	065	SLT	-	6	1012.5	82	77	-	7
027	029	010	PTLY CLDY	12	065	15	065	SLT	-	6	1012.5	82	77	-	2

LEAVING TIME	TOTAL STEAMING TIME		DISTANCE	TOTAL DISTANCE	FUEL OIL CONSUMED	FUEL OIL ON HAND	LUB. OIL CONSUMED	LUB. OIL ON HAND	FRESH WATER CONSUMED	FRESH WATER ON HAND
MIN.	DAYS	HRS. MIN.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
18	5	14 02	236.3	1612.6	2774	60524	-	90	-	5310

DEPARTURE TIME	DETENTION	COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED
MIN.	HR.	MIN.	DEP	ARR			
42			PORT	STBD	GAL.	GAL.	GAL.
TOTAL DEPARTURE TIME	TOTAL DETENTION	STAND.	FWD.	FWD.	TYPE	TYPE	TREATED YES NO
HRS. MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.
14 54							

POSITION BY OBSERVATION			LEGEND	
			1 CELESTIAL	3 VISUAL
			2 ELECTRONIC	4 D.R.
2400 TYPE OBS. 2			1200 2	TIME 2000 TYPE OBS. 2
LATITUDE 2° 52.9			LATITUDE 1° 30.3 S	LATITUDE 0° - 05.8'S
LONGITUDE 165° 56.4			LONGITUDE 165° 15.2 W	LONGITUDE 164° - 31.8' W

REMARKS

2032 - CROSS EQUATOR AT λ 164° - 28.9' W.

0001-0400 SCANLAND MILLER/WORRELL
 ON STA W/CTD + HV PUMPS ↓ IN POS. 3°02.6 S 166°00.6 W. GEN 2+3 0
 STEERING PUMP #2. 2347 CTD ↑ SAME POS. 2355 OPTICS CAGE ↓ SAME POS
 0020 CAGE ↑. 0032 CTD ↓ IN POS. 3°02.5 S 166°00.5 W. 0036 2nd SET OF PUMPS
 DPLYD AT 3°02.5 S 166°00.5 W. 0103 2nd PUMPS ↑ SAME POS. 0113 HV PUMPS
 0131 CTD ↑ IN POS. 3°02.2 S 166°00.3 W. 0136 BEGIN NET TOW. SPD 1.5 K
 0200 POS. 3°01.8 S 165°59.7 W. 0222 IAW 47 CFR 80.869 + 80.1105 DAILY 60
 TESTS SAT IN POS. 3°01.3 S 165°59.2 W. 0223 NET TOW COMPLETE. 0245 T
 SYNC W/E.R. SAT *LE 0233 CTD ↓ IN POS. 3°01.2 S 165°59.1 W. 0239 HAND
 ↓ SAME POS. 0247 NET ↑. 0250 NET ↓. 0255 NET ↑ 3°01.0 S 165°59.1 W. 0
 CTD ↑ SAME POS. 0304 U/W AT 6 KTS FOR MAGGIE DPLYMT + OCL. SAMPLIN
 CSE 008° PGL. 0320 GEN. #1 O/L. 0323 MAGGIE ↓ IN POS. 2°58.9 S 165°
 0333 120 RPM. CSE 027° T 028° PGC 010° PSC. 0345 WATCH RELIEVED BY C
 SCHOENBERG.

E. Scanland

0400-0800 SCHOENBERG HARVEY/HASLAM
 U/W CSE 027° T 028° PGC 010° PSC W/1,2,3 M/E ON LINE @ 120 RPM
 MAGGIE IS TOWING ASTERN 0430 ROUTE MADE ALL'S WELL 0745 WATCH
 RELIEVED BY 3/M M. KINZIE

E. Schoenberg

0800-1200 KINZIE PERRY/RIOS
 U/W ON CSE 027° T, 028° PGC, 010° PSC. 3 GENERATORS ONLINE @
 120 RPM, MAGGIE IN TOW. 1145 WATCH RELIEVED BY
 2/M SCANLAND.

M. Perry

1200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE 1200 DAILY TEST OF SHIP'S GEN. ALARM & WHISTLE. 1235
 XBT LAUNCHED IN POS. 1°24.5 S 165°12.5 W. 1545 WATCH RELIEVED BY 1/M
 SCHOENBERG, CSE 027° T 032° PGC 014° PSC.

E. Scanland

1600-2000 SCHOENBERG HASLAM/HARVEY
 U/W U/MAGGIE IN TOW CSE 027° T 032° PGC 014° PSC W/1,2,3 M/E ON
 LINE @ 120 RPM 1945 WATCH RELIEVED BY 3/M WAG. KINZIE

E. Schoenberg

2000-0000 KINZIE PERRY/RIOS
 VESSEL IS U/W ON CSE 027° T, 032° PGC, 014° PSC, 3 GENERATORS
 ONLINE MAKING 120 RPM, MAGGIE IN TOWING. 2032 CROSS
 EQUATOR AT 164°-28.9' W. 2345 WATCH RELIEVED BY
 2/M SCANLAND.

M. Perry

R/V KILO MOANA

ZONE DESCRIPTION +10DATE WEDNESDAY, APRIL 25, 20AT/ON CRUISE KM07-04

BERTH

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
01																
02	027	025	007	P.CLDY	12	075	14	075	SLT	-	-	1010.6	81	77	CU	3
03																
04	027	025	007	P.CLDY	12	070	12	070	SLT	-	-	1010.1	81	76	CU	2
05																
06	ON STA 4			P.CLDY	12	050	12	050	SLT	060	5	1010.4	81	77	CU SC	3
07																
08	ON STA 4			P.CLDY	12	055	10	055	SLT	060	5	1011.4	80	76	CU SC	3
09																
10	ON STATION #4			P.TLY CLDY	12	065	08	065	SLT	065	5	1012.5	82	79	CU SC	4
11																
12	026	026	008	P.TLY CLDY	12	060	08	060	SLT	065	5	1012.0	82	79	SC CU	5
13																
14	026	027	009	SQUALLY P.CLDY	12	080	18	080	SLT	060	6-8	1009.0	80	77	AC CU SC	8
15																
16																
17																
18	026	025	007	SQUALLY CLDY	12	070	18	070	SLT	060	7	1008.6	80	76	AC AS CI SC CU	8
19																
20	026	025	007	CLDY	12	065	18	065	SLT MOD	060	7	1009.6	82	78	SC CAP AC CU	9
21																
22	026	026	010	P.TLY CLDY	10	060	17	060	MOD	-	7	1011.3	82	79	-	9
23																
24	026	029	012	P.TLY CLDY	10	070	23	070	MOD	-	7	1011.3	82	79	-	9

STEAMING TIME		TOTAL STEAMING TIME		DISTANCE	TOTAL DISTANCE	FUEL OIL CONSUMED	FUEL OIL ON HAND	LUB. OIL CONSUMED	LUB. OIL ON HAND	FRESH WATER CONSUMED	FRESH WATER ON HAND
HR.	MIN.	DAYS	HRS. MIN.								
18	54	6	8 56	234.6 MILES	1847.2 MILES	2811 GAL.	57713 GAL.	- GAL.	90 GAL.	- GAL.	5579 GAL.

STATION TIME		DETENTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.		DEP	ARR				
5	6				PORT	STBD	GAL.	GAL.	GAL.	
TOTAL STATION TIME		TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED	YES NO
HR.	MIN.	HR.	MIN.							
20										

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

IME	1200	TIME	TYPE OBS.
0400	2	2000	2
ATITUDE	1° 20' 0" N	LATITUDE	3° - 20.4' N
LONGITUDE	163° 48.6' W	LONGITUDE	162° - 49.6' W

REMARKS

0001-0400 SCANLAND MILLER/WORRELL
 U/W FOR SCI STA #4, CSE 027°T 029°PGC 010°PSC, 120 RPM, GENS 1-3,
 STEERING PUMP #1, MAGGIE IN TOW 2356 TIME SYNC W/E.R. SAT. 0001
 0°37.0'N 164°10.3'W. 0157 IAW 47 CFR 80.869 + 80.1105 DAILY GNDSS TESTS
 IN POS. 0°58.1'N 163°59.6'W. 0158 ROUNDS MADE, ALL SECURE 0200 POS. 0°58.
 163°59.4'W. 0345 WATCH RELIEVED BY C/M SCHONBERG.

E. Scanland

0400-0800 SCHONBERG HASLAM/HARVEY
 U/W CSE 027°T 025°PGC 007°PSC W/1,2,3 M/E ON LINE @ 120 RPM W/MAG
 IN TOW 0430 ROUNDS MADE 0548 SLOW FOR MAGGIE RECOVER 05
 MAGGIE ABD @ 1°40.0'N 163°38.5'W 0553 ALL STOPPED 0559
 SURFACE PUMP 1 ↓ @ 1°40.0'N 163°38.4'W 0605 CTD ↓ @ SAME Q + 1 06
 CTD ABD @ 1°40.1'N 163°37.9'W 0648 OPTICS ↓ @ 1°40.1'N 163°37.8'W
 L.E. #1 M/E SECURED 0717 OPTICS ABD @ 1°40.1'N 163°37.35'W 072
 CTD 2 ↓ @ 1°40.1'N 163°37.3'W 0726 SURFACE PUMP 2 ↓ @ 1°40.1'N 163°
 0745 WATCH RELIEVED BY 3/M M. KINZIE

E. Schonberg

0800-1200 KINZIE PERRY/RIOS
 ON STATION #4 @ 1°-40.0'N, 163°-36.6'W. 0808 @
 1°40.0'N, 163°-36.6'W, SURFACE PUMPS 2 ↑. 0822 @ 1°-
 163°-36.3'W, CTD 4-2 ↑. 0825 @ 1°-40.0'N, 163°-36.2'W
 C/S TO 1.5 KTS, METER NET ↓, ON CSE 073°T. 0910
 1°-40.2'N, 163°-34.8'W, METER NET ↑. 0927 @ 1°-40.1'N, 16
 CTD 4-3 ↓. 0932 @ 1°-40.1'N, 163°-34.7'W, HAND NET
 0941 @ 1°-40.1'N, 163°-34.6'W, HAND NET ↑. 0950 @ 1°-
 163°-34.6'W, CTD 4-3 ↑. 0956 @ 1°-40.1'N, 163°-34.4'
 MAGGIE ↓. 1006 @ 1°-40.8'N, 163°-34.1'W MAGGIE ↑
 1009 @ 1°-40.8'N, 163°-34.1'W, METER NET ↓. 1053
 @ 1°-41.8'N, 163°-33.0'W, METER NET ↑. 1055 LE
 STATION #4 @ 120 RPM, @ 1°-42.0'N, 163°-32.8'W. 10
 @ 1°-42.3'N, 163°-32.4'W, MAGGIE ↓. LE # 1055
 EN ROUTE TO STATION #5 ON CSE 026°T. 1145 WATCH
 RELIEVED BY 2/M SCANLAND.

M. Kinzie

1200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE, CSE 000°PGC FOR TRAFFIC AND TO JOIN TRACKLINE. 1200
 DAILY TEST OF SHIP'S GEN ALARM *WHISTLE. 1215 C/C TO 015°PGC 1230
 SOLAS TRAINING CREW MEMBERS VIDEOS FIRST RESPONSE TO FIRE, EMER. RADIO PRO. SHOWN
 FIXED SYSTEM & PORTABLES DISCUSSED, M/OB RESPONSE 1250 SECURED 1259 CSE 02
 023°PGC 005°PSC W/2,3,4 M/E ON LINE @ 120 RPM 1545 WATCH RELIE
 BY C/M SCHONBERG.

E. Scanland

1600-2000 SCHONBERG HARVEY/HASLAM
 U/W 026°T 026°PGC 008°PSC #2,3,4 M/E @ 120 RPM W/MAGGIE IN TOW 1945 WATCH
 RELIEVED BY 3/M M. KINZIE

E. Schonberg

2000-0000 KINZIE PERRY/RIOS
 U/W ON CSE 027°T, 029°PGC, 009°PSC, 3 GENERATORS ON LII
 MAKING 120 RPM, MAGGIE IN TOW. 2345 WATCH RELIEV
 BY 2/M SCANLAND.

R/V KILO MOANA

ZONE DESCRIPTION +10DATE THURSDAY, APRIL 26, 2007AT/ON CRUISE KM07-04

BERTH

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS				
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT			
01																			
02	026	027	013	P.CLDY	12	070	20	20	SLY/mod	-	-	1010.0	80	77	CU SC	4			
03																			
04	026	027	008	P.CLDY	12	070	18	070	MOD	-	-	1009.6	80	77	CU SC	3			
05																			
06	ON STA	5		CLDY	12	070	16	070	SLT	070	6	1010.6	80	77	CU SC ACAS	7			
07																			
08	ON STA	5		PARTLY CLDY	12	075	16	075	SLT	065	7	1011.5	82	78	CU SC	6			
09																			
10	ON STATION	#5		PCLY CLDY	10	090	18	090	SLT	065	8	1012.1	80	78	CU, SC	7			
11																			
12	014	013	358	PTLY CLDY	10	070	20	070	MOD	070	10	1011.6	80	78	SC, CU	7			
13																			
14	014	013	358	P.CLDY	12	050	22	050	MOD	070	8-10	1009.6	80	77	CU SC	7			
15																			
16	014	014	357	P.CLDY	10	050	24	050	MOD/REL	070	8-10	1009.5	80	77	CU SC	8			
17																			
18	014	013	357	CLDY	10	050	20	050	MOD	055	10	1009.5	80	77	SC	8			
19																			
20	014	013	357	CLDY	10	045	20	045	MOD	060	10	1011.4	80	77	SC	9			
21																			
22	014	013	357	PTLY CLDY	10	050	19	050	MOD	-	10	1012.7	82	77	-	8			
23																			
24	014	013	357	PTLY CLDY	10	050	17	050	MOD	-	10	1012.4	82	77	-	9			
STEAMING TIME		TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE		FUEL OIL CONSUMED		FUEL OIL ON HAND		LUB. OIL CONSUMED		LUB. OIL ON HAND		FRESH WATER CONSUMED		FRESH WATER ON HAND	
HRS.	MIN.	DAYS	HRS.	MIN.	MILES	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
19	36	7	4	32	233.9	2081.1		2839	54874	-		90	-				4853		

STATION TIME		DETENTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.	GYRO	PORT	STBD		GAL.	GAL.		GAL.	TREATED	YES
4	24												
TOTAL STATION TIME		TOTAL DETENTION		STAND.		FWD.		TYPE		TYPE		TREATED	
DAYS	HRS.	MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.	CO.	CO.	YES	NO
1		24											

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

TIME	0400	TYPE OBS.	2	1200	2	TIME	2000	TYPE OBS.	2
LATITUDE	04°45.5'N			LATITUDE	5°29.9'N		LATITUDE	6°-53'N	
LONGITUDE	162°07.5'W			LONGITUDE	161°51.6'W		LONGITUDE	161°-31.5'W	

REMARKS

0001-0500 SCANLAND

MILLER/WORRELL

V/W FOR STA 5, GEN. 2, 3, 4, 120 RPM, STEERING PUMP #2, CSE 026°T
 029°PGL 012°PSC, MAGGIE IN TOW. 0000 POS 4°02.7'N 162°28.6'W. 0102 TIM
 SYNC W/ER. SAT. 0200 POS. 4°24.1'N 162°18.0'W; ROUNDS MADE, ALL 2FCW
 0210 IAW 46CFR 80.869 + 80.1105 DAILY GMDSS TESTS SAT IN POS. 4°25.9'N
 162°17.1'W. 0310 ALL SECURE. 0445 WATCH RELIEVED BY C/M SCHOENBERG.

C Scanland

0500-0800 SCHOENBERG

HASLAM/HARVEY

V/W STA 5 CSE 26°T 029°009°PSC #2,3 + ME ON LINE @ 120 RPM W/MAGGIE
 ASTERN 0546 SLOW FOR MAGGIE 0550 MAGGIE ABD 0553 ALL STOP 5°04.75'S
 161°58.0'W 0556 CTD ↓ SAME X + 1 0602 SURFACE PUMP 1 ↓ SAME
 X + 1 0627 CTD ABD 5°04.68'N 161°58.03'W 0637 OPTICS ↓ 5°04.16'N 161°58.03'W
 0706 OPTICS ABD 5°04.59'N 161°57.99'W LE X #4 ME SECURED 0723 CTD ↓ @
 5°04.6'N 161°57.99'W 0728 SURFACE PUMP 2 ↓ SAME X + 1 0745 WATCH
 RELIEVED BY 3/M M. KINZIE

Eric T. Schoenberg

0800-1200 KINZIE

PERRY/BIOS

V/W ON CSE 26°T ON STATION #5 @ 5°-05'N, 161°-58'W, CTD 5-2
 IN PROGRESS. 0808 @ 5°-04.6'N, 161°-58.0'W, SURFACE PUMP 2 ↑. 0812 @ 5°-04.6'N,
 161°-58.0'W, SURFACE PUMP 1 ↑. 0825 @ 5°-04.6'N, 161°-58.0'W, CTD - 5-2 ↑. 0830 @
 5°-04.6'N, 161°-58.0'W c/s TO 1.5 KT, TO TOW METERNET. 0834 @ 5°-04.6'N, 161°-57.8'W
 METERNET ↓. 0920 @ 5°-04.9'N, 161°-56.4'W, METER NET ↑. 0922 ALL STOP BACK ON
 STATION. 1012 C/S TO 6.0 KTS TO TOW MAGGIE, 1014 @ 5°-05'N, 161°-56.2'W,
 MAGGIE ↓. 1015 C/S TO 120 RPM, FINISHED WITH SCIENCE. LE X 0935 @ 5°-04.9'N,
 161°-56.4'W, CTD 5-3 ↓. 0940 @ 5°-04.9'N, 161°-56.4'W, HAND NET ↓. 0951 @ 5°-04.9'N, 161°-56.4'W
 HAND NET ↑. 1007 @ 5°-04.9'N, 161°-56.3'W, CTD 5-3 ↑. 1145 WATCH RELIEVED BY
 2/M SCANLAND.

miller

200-1600 SCANLAND

WORRELL/MILLER

V/W AS BEFORE. 1205 DAILY TEST OF SHIP'S GEN. ALARM + WHISTLE. 1444
 MONTHLY TEST OF EPIRB + SART IAW 46CFR 199.190(e)(2) + WKLY TEST OF SCTs
 IAW 46CFR 199.190(e)(1). SAT. IN POS. 5°55.9'N 161°44.1'W. 1530 CSE 014°T
 13°PGL 357°PSC. 1545 WATCH RELIEVED BY C/M SCHOENBERG.

C Scanland

1600-2000 SCHOENBERG

HASLAM/HARVEY

V/W 120 RPM W/1,2,3 ME ON LINE CSE 014°T 013°PSC 0358°PSC W/MAGGIE
 V TOW 1945 WATCH RELIEVED BY 3/M M. KINZIE

Eric T. Schoenberg

2000-0000 KINZIE

PERRY/BIOS

V/W ON CSE 014°T, 013°PGL, 358°PSC. 3 GENERATORS ONLINE MAKING
 120 RPM, MAGGIE IS IN TOW. 2345 WATCH RELIEVED BY
 2/M SCANLAND.

miller

LE X - 1400 IAW 46 CFR 196.15-60 (a.), FIRE HOSE STATIONS VISUALLY
 INSPECTED, AND MAINTAINED, ALL IS SATISFACTORY.

0001-0400 SCANLAND

WORRELL/MILLER

U/W FOR SCI STA #6 ON GEN'S 1, 2 & 3, 120 RPM, STEERING PUMP #1, CSE 014°T 014°PGL 359°PSC, MAGGIE IN TOW. 0000 POS. 7°35'N 161°19.9'W, TIME SYNC. W/E.R. SAT. 0157 IAW 47 CFR 80.869 + 80.1105 DAILY GMDSS TESTS SAT IN POS. 7°56.9'N 161°14.8'W. 0200 ROUNDS MADE, ALL SECURE. 0310 ALL SECURE. 0345 WATCH RELIEVED BY C/M SCHOENBERG.

E Scanland

0400-0800 SCHOENBERG

HARVEY/HASLAM

U/W 014°T 014°PGL 359°PSC W/MAGGIE REVERN @ 120 RPM ON #1, 2, 3 ME 0540 SLOW FOR MAGGIE RECOVERY 0550 ALL STOP 0555 CTD ↓ @ 8°37.5'N 161°04.9'W 0602 SURFACE PUMP 1 ↓ SAME Q & A 1625 CTD ABD 8°37.5'N 161°04.9'W 0632 OPTICS ↓ SAME Q & A #1 ME SECURED 0658 OPTICS @ 8°37.5'N 161°04.9'W 0712 CTD 2 ↓ @ 8°37.5'N 161°04.9'W 1722 SURFACE PUMP 2 ↓ @ SAME Q & A 0745 WATCH RELIEVED BY 3/M M. KINZIE

Eric Schoenberg

0800-1200 KINZIE

PERRY/BIOS

ON STATION #6 @ 8°-37.6'N, 161°04.9'W, CTD 6-2 IS IN THE WATER. 0800 @ 8°-37.5'N, 161°-04.9'W, SURFACE PUMP 2 ↑. 0815 @ 8°-37.5'N, 161°-04.9'W, CTD 6-2 ↑. 0818 @ 8°-37.5'N, 161°-04.9'W, SURFACE PUMP 1 ↑. 0822 C/S TO 1.5 KT ON CSE 063° TO TOW METER NET, @ 8°-37.6'N, 161°-04.8'W, METER NET ↓. 0906 @ 8°-38.2'N, 161°-03.4'W, METER NET ↑. 0920 @ 8°-38.2'N, 161°-03.4'W, CTD 6-3 ↓. 0925 @ 8°-38.2'N, 161°-03.4'W, HAND NETS ↓. 0938 @ 8°-38.2'N, 161°-03.4'W, TO TOW MAGGIE AND CONDUCT SAMPLING. 1020 FINISHED WITH SAMPLING, C/S TO 120 RPM, FINISHED WITH SCIENCE STATION 6. LE ★ 0952 @ 8°-38.3'N 161°-03.3'W, MAGGIE ↓. 1145 WATCH RELIEVED BY 2/M SCANLAND.

M.D. 2/2

00-1600 SCANLAND

WORRELL/MILLER

W AS BEFORE. 1200 DAILY TEST OF SHIP'S BELL + WHISTLE. 1530 014°T 015°PGL 000°PSC, 120 RPM. 1545 WATCH RELIEVED BY C/M SCHOENBERG.

E Scanland

0-2000 SCHOENBERG

HARVEY/HASLAM

U CSE 014°T 015°PGL 000°PSC W/MAGGIE IN TOW #2, 3, 4 ME @ 120 RPM 15 WATCH RELIEVED BY 3/M M. KINZIE

Eric Schoenberg

00-0000 KINZIE

PERRY/BIOS

U/W ON CSE 014°T, 016°PGL, 000°PSC, 3 GENERATORS ONLINE 2R 120 RPM, MAGGIE IS IN TOW. 2345 WATCH RELIEVED BY 1/M SCANLAND.

M.D. 2/2

★ - 1600, IAW 46 CFR 199.190 (d.) 1 & 2 - OPERATIONALLY TESTED BOAT ENGINE. VISUALLY INSPECTED LIFERAFTS & DAVITS. ALL SATISFACTORY.

R/V KILO MOANA

ZONE DESCRIPTION +10DATE SATURDAY, APRIL 28 200AT/ON CRUISE KM07-04

BERTH

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
01																
02	014	014	358	DRY PCLDY	10	050	22	050	MOD	-	-	1013.3	79	75	ACCU SC	10
03																
04	014	014	357	DRY PCLDY	10	050	22	050	MOD	-	-	1012.8	77	73	CU SC	7
05																
06	014	013	358	CLDY	10	045	20	045	SLT MOD	070	6	1013.7	77	73	SCCU AS	9
07																
08	014	014	359	CLDY	10	045	20	045	SLT	070	6-8	1014.5	79	74	SC AC CU AS	7
09																
10	014	016	002	CLDY	10	035	22	035	MOD	055	7	1015.8	78	74	SCCU AS	8
11																
12	014 ^{MC}	ON STATION #7		CLDY PTLY	12	040	25	040	MOD	055	7	1016.2	78	74	ACCU SC	8
13																
14	ON STATION			PCLDY	12	060	22	060	MOD	075	8	1014.4	80	74	CU SC	5
15																
16	ON STATION			PCLDY	12	050	20	050	MOD	075	8	1014.2	80	73	CU SC	8
17																
18	014	012	356	PT CLDY	12	050	22	050	MOD REG	075	8	1014.1	77	71	CU SCAC	6
19																
20	014	013	357	PT CLDY	12	045	22	045	REG	080	7	1015.6	78	71	CU SCAC	4
21																
22	014	014	358	PTLY CLDY	12	055	24	055	MOD	-	7	1018.0	77	70	-	5
23																
24	014	013	358	PTLY CLDY	12	060	24	060	MOD	-	7	1017.4	77	70	-	4

STATION TIME			DETENTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED		
HR.	MIN.		HR.	MIN.			DEP	ARR							
	12	42				GYRO	PORT	STBD		GAL.		GAL.			GAL.
TOTAL STATION TIME			TOTAL DETENTION			STAND.	FWD.	FWD.		TYPE		TYPE		TREATED	YES NO
DAYS	HRS.	MIN.	HR.	MIN.			DEV.	AFT.	AFT.	CO.		CO.			
	5	12													

R 0622

S 1854

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

IME	0400	TYPE OBS.	2	1200	2	TIME	2000	TYPE OBS.	2
ATITUDE	12° 00' 3"			LATITUDE	13° 28' 7" N			LATITUDE	14° 12' 6" N
ONGITUDE	160° 15' 0" W			LONGITUDE	159° 53' 0" W			LONGITUDE	159° 42' 0" W

REMARKS

0001-0400 SCANLAND

U/LW FOR STA 7, GENS. 2-4, 120 RPM, CSE 014°T 013°PGL 358°PSC, STEERING
PUMP #2, MAGGIE IN TOW. 2349 TIME SYNC W/FR. SAT. 0000 POS. 11°16.0N
160°26.0W 0200 POS. 11°38.2N 160°20.5W; ROUNDS MADE, ALL SECURE.
0203 IAW 47CFR 80.869-80.1105 DAILY GMDSS TESTS SAT IN POS. 160°20.4N
11°38.6N. 0310 ALL SECURE, 0345 WATCH RELIEVED BY C/M SCHOENBERG

E Scanland

0400-0800 SCHOENBERG

HARVEY/HASLAM

U/LW MAGGIE IS TOWING ASTERN CSE 014°T 013°PGL 358°PSC #234 0°E @
120 RPM 0400 POS 12°00.3N 160°15.0W ROUNDS MADE ALL'S WELL FIRE & AFT 0745
WATCH RELIEVED BY 3/M M. KINZIE

E. T. Schoenberg

0800-1200 KINZIE

PERRY/RIOS

U/LW ON CSE 014°T, 014°PGL, 359°PSC. 3 GENERATORS ONLINE
MAKING 120 RPM, MAGGIE IN TOW. 1145 WATCH RELIEVED BY
2/M SCANLAND.

M. D. J.

1200-1600 SCANLAND

WORRELL/MILLER

1145 SLOW TO 5 KTS FOR MAGGIE RECOVERY. 1154 MAGGIE ABD IN POS.
13°28.5N 159°53.0W. 1200 ON STA. 1201 CTD ↓ IN POS. 13°28.7N 159°53.0W
1206 PUMPS ↓ SAME POS. 1210 GENS 2+3 O/L. 1220 PUMPS OUT SAME POS.
1229 CTD ↑. 1231 PUMPS ↓. 1237 OPTICS CAGE ↓. 1309 ↑ OPTICS. 1321 CTD ↓.
1323 PUMPS (SECOND SET ↓) ↓ ALL OPS IN POS. 13°28.8N 159°53.0W. 1351
MONTHLY MF/HF BATT. TESTS SAT. 1403 2nd SET OF PUMPS ↑ AT 13°28.8N
159°53.0W. 1418 CTD ↑ 13°28.8N 159°53.1W. 1433 PUMPS ↑ SAME POS. 1435
NET TOW ↓, SPD 1.5 KTS. 1521 NET TOW ↑ IN POS. 13°29.7N 159°52.1W. 1526
CTD WIRE JUMPED SHEAVE IN TRACTION WINCH, SCIENCE DELAYED. 1545 WATCH
RELIEVED BY C/M SCHOENBERG.

E Scanland

1600-2000 SCHOENBERG

HASLAM/HARVEY

U/LW ON STA W/ HAND NET & BUCKET IN PROGRESS 1554 BUCKET ABD
1605 NET ABD 1612 120 RPM @ 112.3 M/E ON LINE CSE 010°T
012°PGL 358°PSC 1720 C/CSE 014°T 012°PGL 356°PSC 1945 WATCH
RELIEVED BY 3/M M. KINZIE

E. T. Schoenberg

2000-0000 KINZIE

PERRY/RIOS

U/LW ON CSE 014°T, 012°PGL, 356°PSC. 3 GENERATORS ONLINE
MAKING 120 RPM, MAGGIE IN TOW. 2345 WATCH RELIEVED BY
2/M SCANLAND.

M. D. J.

RV KILO MOANA

ZONE DESCRIPTION +10

DATE SUNDAY, APRIL 29, 2007

AT/ON CRUISE KM07-04

BERTH

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS	
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT
01																
02	014	014	357	P.CLDY	12	040	18	040	SLT/mod	-	-	1016.1	77	70	SC CU	2
03																
04	014	014	357	P.CLDY	12	050	18	050	SLT	-	-	1015.9	76	70	SC CU	2
05																
06	014	014	357	PT CLDY	12	070	22	070	SLT	085	6	1017.1	76	70	SC CU	3
07																
08	015	014	359	PT CLDY	12	080	20	080	SLT	085	6	1017.9	77	70	SC CU	4
09																
10	ON STATION #8			PTLY CLDY	12	095	16	095	SLT	100	6	1019.3	79	71	CU SC	3
11																
12	ON STATION #8			PTLY CLDY	12	080	16	080	SLT	100	6	1019.6	79	71	CU SC	6
13																
14	010	007	350	P.CLDY	12	080	16	080	SLT/mod	090	6	1017.4	77	70	CU SC	4
15																
16	015	015	350	P.CLDY	12	060	16	060	SLT	090	6	1017.0	75	71	CU SC	7
17																
18	015	016	351	PT CLDY	12	070	14	070	SLT	090	5	1017.4	76	71	CU SC	5
19																
20	014	016	000	PT CLDY	12	070	14	070	SLT	080	5	1018.5	76	70	CU SC	5
21																
22	014	013	356	PTLY CLDY	12	065	11	065	SLT	-	5	1020.3	75	70	-	6
23																
24	014	014	357	PTLY CLDY	12	025	12	025	SLT	-	5	1019.8	75	70	-	3

STEAMING TIME		TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE		FUEL OIL CONSUMED		FUEL OIL ON HAND		LUB. OIL CONSUMED		LUB. OIL ON HAND		FRESH WATER CONSUMED		FRESH WATER ON HAND	
HRS.	MIN.	DAYS	HRS.	MIN.	MILES	MILES		GAL.		GAL.		GAL.		GAL.		GAL.		GAL.	
					2790.1		2596		46104		-		70		-		4910		

STATION TIME		DETENTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.	GYRO	PORT	STBD		GAL.		GAL.		GAL.	
TOTAL STATION TIME		TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE		TYPE		TREATED	YES	NO
DAYS	HRS.	MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.				

SR 0613

SS 1835

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

TIME 0400	TYPE OBS. 2	1200	2	TIME 2000	TYPE OBS. 2
LATITUDE 15° 41.5' N		LATITUDE 16-52.5' N		LATITUDE 18°-07.5' N	
LONGITUDE 159° 19.5' W		LONGITUDE 159-00.0 W		LONGITUDE 158°-40.6' W	

REMARKS

0000-0400 SCANLAND MILLER/WORRELL
 U/W FOR HONOLULU ON GEN'S. 1, 2 + 3, 120 RPM, STEERING PUMP #1, CSE
 014° T 013° PGC 358° PSC, MAGGIE IN TOW. 0000 POS. 14° 56.8' N 159° 30.8' W
 0027 TIME SYNC W/E.R. SAT. 0150 TAW 47 LFR 80.869 + 80.1105 DAILY 6MDS
 TESTS SAT. IN POS. 15° 17.1' N 159° 25.7' W. 0156 ROUNDS MADE, ALL SECURE.
 0200 POS. 15° 18.9' N 159° 25.2' W. 0310 ALL SECURE. 0345 WATCH RELIEVED BY
 C/M SCHOENBERG.

E Scanland

0400-0800 SCHOENBERG HARVEY/HASLAM
 U/W CSE 014° T 013° PGC 358° PSC #1, 2, 3 W/E ON LINE @ 120 RPM MAGGIE
 TOWING ASTERN 0718 C/CSE 015° T 014° PGC 359° PSC 0745 WATCH RELIEVED
 BY 3/M M. KINZIE *Euc L Schoenberg*

0800-1200 KINZIE PERRY/RIOS
 U/W ON CSE 015° T, 014° PGC, 359° PSC. 3 GENERATORS ONLINE MAKIN
 120 RPM, MAGGIE IN TOW. 0945 C/S TO 6.0 KTS, ~~TO~~ SCIENCE
 TOPULL IN MAGGIE. 0955 @ 16°-51.2' N, 159°-01.2' W, MAGGIE ↑. ~~TO~~
 @ 1000 ON SCIENCE STATION #8, @ 16°-51.3' N, 159°-01.4' W. 1003 @
 16°-51.3' N, 159°-01.4' W, CTD 8-1 ↓. 1033 @ 16°-51.3' N, 159°-01.3' W,
 CTD 8-1 ↑. 1037 @ 16°-51.3' N, 159°-01.3' W, OPTICS CAGE ↓. 1105 @
 16°-51.5' N, 159°-01.2' W, OPTICS CAGE ↑. 1112 @ 16°-51.5' N, 159°-01.
 CTD 8-2 ↓. 1145 WATCH RELIEVED BY 2/M SCANLAND.

MD

1200-1600 SCANLAND WORRELL/MILLER
 ON STA AS BEFORE W/CTD ↓. 1200 DAILY TEST OF SHIP'S GEN. ALARM +
 WHISTLE. 1227 CTD ↑ 16° 52.0' N 159° 00.9' W. 1231 NET TOW ↓ SAME POS.
 SPD 1.5 KTS. 1318 NET ↑ 16° 52.9' N 158° 59.3' W. 1323 CTD ↓ 16° 53.0' N
 158° 59.3' W. 1327 HAND NET ↓ 16° 53.0' N 158° 59.3' W. 1345 NET ↑ 1349 3 G
 O/L. 1353 CTD ↑ IN POS. 16° 53.2' N 158° 59.2' W. 1355 U/W, I/S TO 6 KTS FOR
 MAGGIE DPLY MT. 1404 MAGGIE ↓ 16° 53.8' N 158° 58.6' W. 1410 SPD 120 RPM
 CSE 010° PGC. 1522 C/C TO 015° T 014° PGC 357° PSC. 1545 WATCH RELIEVED
 BY C/M SCHOENBERG.

E Scanland

1600-2000 SCHOENBERG HASLAM/HARVEY
 U/W CSE 015° T 014° PGC 357° PSC W/MAGGIE IN TOW @ 120 RPM ON #1, 2,
 W/E 1852 C/CSE 14° T 016° PGC 000° PSC 1945 WATCH RELIEVED
 BY 3/M M. KINZIE *Euc L Schoenberg*

2000-0000 KINZIE PERRY/RIOS
 U/W ON CSE 014° T, 016° PGC, 000° PSC, 3 GENERATORS ONLINE MAKIN
 120 RPM, MAGGIE IN TOW. 2345 WATCH RELIEVED BY
 2/M SCANLAND.

MD

LEA-1230 IAW 46 CFR 196.15-60 (a). CONDUCTED QUARTERLY
 INSPECTION OF DC LOCKERS, AND VISUAL INSPECTION OF LOCKERS

R/V KILO MOANA

ZONE DESCRIPTION +10

DATE MONDAY, APRIL 30, 2007

AT/ON CRUISE KM07-04

BERTH ARRIVAL PIER 45, HONOLULU

WEATHER OBSERVATIONS

TIME ZONE	COURSE			WEATHER	VISIBILITY	WIND		SEA		SWELL		BARO.	TEMP.		CLOUDS				
	TRUE	GYRO	STAND. OR STEER.			DIRECT.	FORCE	DIRECT.	CONDIT.	DIRECT.	HEIGHT		DRY BULB	WET BULB	TYPE	AMOUNT			
01																			
02	014	014	356	P.CLDY	12	065	18	065	SLT	-	-	1018.1	75	70	SC CU	5			
03																			
04	014	011	353	P.CLDY	12	060	16	060	SLT	-	-	1017.5	75	70	SC CU	5			
05																			
06	014	011	353	CLDY	12	070	20	070	SLT	130	4	1018.3	76	69	SC CU RS	8			
07																			
08	012	011	352	CLDY	12	045	12	045	SLT	MIX	4	1019.4	78	70	SC CU PIS AC	6			
09																			
10	011	012	354	PTLY CLDY	12	045	16	045	SLT	045	4	1020.3	75	70	SC CU AC	5			
11																			
12	011	012	354	PTLY CLDY	12	060	20	060	SLT	045	4	1020.4	75	70	SC CU AC	6			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
21																			
22																			
23																			
24																			
						TOTAL 3068.6													
STEAMING TIME		TOTAL STEAMING TIME		DISTANCE		TOTAL DISTANCE		FUEL OIL CONSUMED		FUEL OIL ON HAND		LUB. OIL CONSUMED		LUB. OIL ON HAND		FRESH WATER CONSUMED		FRESH WATER ON HAND	
HRS.	MIN.	DAYS	HRS.	MIN.	MILES	MILES		GAL.		GAL.		GAL.		GAL.		GAL.		GAL.	
						3055.8		2920		43184		-		70		-		2994	

STATION TIME		DETENTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.	GYRO		DEP	ARR						
						PORT	STBD		GAL.		GAL.		GAL.
TOTAL STATION TIME		TOTAL DETENTION		STAND.		FWD.		TYPE		TYPE		TREATED	
DAYS	HRS.	MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.		CO.		YES	NO

POSITION BY OBSERVATION

LEGEND 1 CELESTIAL 3 VISUAL
2 ELECTRONIC 4 D.R.

TIME	TYPE OBS.	1200	2	TIME	TYPE OBS.
LATITUDE	19 39 2"	LATITUDE	21° 08.8 N	LATITUDE	
LONGITUDE	158 16 1 W	LONGITUDE	157° 55.5 W	LONGITUDE	

REMARKS

0001-0400 SCANLAND MILLER/WORRELL
 V/W FOR HONOLULU ON GENS. 1, 2+3, 120 RPM, CSE 014°T 016°PGC 000°PSC,
 STEERING PUMP #2, MAGGIE IN TOW. 0000 POS. 18°53.9'N 158°28.3'W @ 3
 TIME SYNC W/F.R. SAT 0143 TAW 47CFR 80.869 + 80.1105 DAILY 6MDS
 TESTS SAT IN POS. 19°13.0'N 158°23.2'W. 0155 ROUNDS MADE, ALL SECURE
 0200 POS. 19°16.1'N 158°22.3'W. 0310 ALL SECURE. 0345 WATCH RELIEVED
 BY C/M SCHOENBERG.

E Scanland

0400-0800 SCHOENBERG HARVEY/HASLAM
 V/W CSE 014°T 011°PGC 353°PSC 10/1, 2, 3 11/E @ 120RPM TOWING MAGGIE.
 ASTERN 0430 ROUNDS MADE 0640 CSE 012°T 011°PGC 352°PSC

0800-1200 KINZIE PERRY/RIOS
 V/W ON CSE 014°T, 011°PGC, 353°PSC, 3 GENERATORS ONLINE
 MAKING 120 RPM, MAGGIE IN TOW. 1002 @ 20°-47.5'N, 157°-59'
 XBT↓. 1005 A/C TO 11°T, TO END UP 3/4 NM. PORT OF BUOY
 1145 WATCH RELIEVED BY 2/M SCANLAND.

mlw

1200-1600 SCANLAND WORRELL/MILLER
 V/W FOR HONOLULU, CSE 014°T 014°PGC 357°PSC. 1200 DAILY TEST OF SHIP'S
 GEN ALARM + WHISTLE. 1226 SLOW FOR MAGGIE RETRIEVAL. 1232 MAGGIE
 ABOARD. 1245 ALL STOP OFF HONOLULU FOR PLU TESTS + PRE-ARRIVAL TESTS.
 1305 TAW 33CFR 164.25 + 46CFR 97.15-3 BEGIN PRE-ARRIVAL TESTS INCLUDI
 BT, STEERING GEAR, EOT, PROP AHD/AST, ALL COMMS, SHIP'S BELL + WHISTL
 SAT. 1400 PASSING "H" BUOY. 1442 FIRST LINE. 1500 SIM FWE. 1502 GANGWAY
 ASHORE. MARSEC LEVEL 1 DOS IN EFFECT.

E Scanland

1600 - SCHOENBERG
 MARSEC 1 DOS IN EFFECT SECURITY MEASURES IN PLACE
 Euc E Schoenberg