

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 LIMBS, BOW THRUSTER, PROP A
 AST, SHIP'S BELL + WHISTLE, + GMDSS + STEERING GEAR TESTS. 0640 PILOT
 M. PECKHAM ABOARD. 0650 GANGWAY ASD 0654 LAST LINE. 0725 PILOT
 AWAY. 0741 C/C TO 098°T, 120 RPM, 098°PGC, 074°PSC. 0755 WATCH RELIEVE
 BY M. KINZIE.

E Scanland

0800-1200 KINZIE PERRY/BIOS
 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.

Z/M

1200-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE. 1153 C/C TO 087°T, 087°PGC, 063°PSC. 1200 DAILY TEST OF
 SHIP'S GEN ALARM + WHISTLE. 1245 XBT LAUNCHED AT 18°17.35 179°29.4
 1448 SLOW TO 6 KTS FOR MAGGIE DPLYMT, 18°15.95 179°55.7E. 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/BIOS
 U/W CSE 061°T, 061°PGC, 037°PSC. 3 GENERATORS ONLINE FOR
 120 RPM. 2115 @ 17°-59.9'S, 178°-48.36' HAIF WAY THROUGH TH
 LEMBKA PASS. 2324 C/C TO 074°T, 073°PGC, 048°PSC.
 2345 WATCH RELIEVED BY Z/M SCANLAND.

Z/M

* LE TAW 46CFR 97.15-7 MASTER ATTESTS SHIP'S STABILITY IN ACCEPTA
 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 SC CU	10
074	071	048	CLDY	12	030	6	030	SLT	160	4-6	1007.1	77	76	ST SC CU	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

STEAMING TIME MIN.	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.
	1 5 6		350.2	3387	7536.5	-	100	-	5255

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

POSITION BY OBSERVATION

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

TYPE OBS.	TIME	TYPE OBS.
0400 TYPE OBS. 2	1200 2	TIME 2000 TYPE OBS. 2
LATITUDE 17° 31' 4" S	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

REMARKS

201-0400 SCANLAND MILLER/WORRELL
 LW FOR SU 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° 36.55 177° 46.4 W TAW 47 CFR 80.869 + 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 M/E ON
 LINE @ 120 RPM 0745 WATCH RELIEVED BY 3/m M. KINZIE

Eric T. 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 SU PARTY + SHIP'S CREW IN POS.
 1° S 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 M/E 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 T. 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° PGC 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.

NA ZONE DESCRIPTION +11 DATE FRIDAY, APRIL 20, 2007
 E 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
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	1008.1	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 AS 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	1010.0	78	76	SC CU	10
STA 1		CLDY STARS	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	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 5 6	270.2	620.4	3224	72141	-	100	-	5335

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.	1200 2	TIME	TYPE OBS.
10° 23 15	LATITUDE 16° 10.1 3	LATITUDE	16° 5
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°PGC 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
 IAW 47CFR 80.869 + 80.1105 DAILY GMDSS 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°PGC 059°PSC 0430 ROUNDS MADE ALLS WELL FORE & AFT 0745
 WATCH RELIEVED BY 3/M M. KINZIE
 Eric T. Schoenberg

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

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

1600-2000 SCHOENBERG HARSLAM/HARVEY
 U/W 082°T 082°PGC 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' W #1 M/E SR
 1801 SURFACE PUMP ↓ @ SAME Q & A 1830 SURFACE PUMPS A/B/S SAME Q & A
 1840 CTD A/B/S 16°00' S 170°00' W 1847 OPTICS ↓ @ 16° S 170° W 1850
 SURFACE PUMP 2 ↓ 1915 OPTICS A/B/S 16° S 170° W 1932 SURFACE PUMP 2
 A/B/S 1945 WATCH RELIEVED BY 3/M M. KINZIE
 Eric T. Schoenberg

2000-0000 KINZIE PERRY/BIOS.
 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°-58.8'
 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.
 M. Perry

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

IA 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	WVLET	195	5	1011.4	84	78	SC AS CU	6
019	358	PTLY CLDY	12	035	7	035	SLT	³⁴⁰ 160 _{REL}	4	1012.5	88	77	SC CU AC	8
018	356	PTLY CLDY	12	030	5	030	SLT	340	4	1012.6	88	77	SC CU AC	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	84 77	72	CU SC	7
018	356	CLDY	12	060	5	100	RIP	145	5	1011.4	84	79	CU AS SC	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. 2 23 42	218.8 MILES	839.2 MILES	69373 GAL.	69373 GAL.	- GAL.	100 GAL.	- GAL.	5390 GAL.

IN.	DETENTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED	LUB. OIL RECEIVED	FRESH WATER RECEIVED
	HR.	MIN.		DEP	ARR			
1								
	TOTAL DETENTION							
IN.	HR.	MIN.	STAND.	FWD.	FWD.	TYPE	TYPE	TREATED YES NO
4			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	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
 0215 C/L TO 020° T 021° PGC 002° PSC. 0255 TAW 47 CFR 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

M. D. [Signature]

000-1600 SCANLAND MILLER/WORRELL
 U/W AS BEFORE. 1300 DAILY TEST OF SHIP'S GEN. ALARM & WHISTLE. 1530
 019° T 016° PGC 355° PSC. 1545 WATCH RELIEVED BY C/M SCHOENBERG.

C. Aranda

000-2000 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 BELEIVED
 BY 2/M SCANLAND.

M. D. [Signature]

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

D.

P.O.B. 41

JANA

ZONE DESCRIPTION +10

DATE SUNDAY, APRIL 22, 2007

ISE 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
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 SC CN	7
018	357		12	080	16	080	SLT	190	6	1011.9	84	78	CU CI AS SC	5
020	357	RAIN CLDY	10	065	20	065	SLT	170	7	1012.7	81	79	CU ST CN	9
018	360	PTLY 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		PTLY CLDY	12	095	9	095	SLT	-	6	1012.1	82	80	-	3

MIN.	TOTAL STEAMING TIME			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.
	DAYS	HRS.	MIN.								
3	23	42				2228	66145	-	100	-	5540

TIME	DETENTION			COMPASS ERROR	DRAFT		FUEL OIL RECEIVED GAL.	LUB. OIL RECEIVED GAL.	FRESH WATER RECEIVED GAL.
	MIN.	HR.	MIN.		DEP	ARR			
24									

716
04

POSITION BY OBSERVATION				LEGEND			
TYPE OBS.		TIME		TYPE OBS.		TYPE	
0400	2	1200	2	2000	2	CELESTIAL	3 VISUAL
10° 40' 05"		LATITUDE	9° 09.25	LATITUDE	7° - 35.015	ELECTRONIC	4 D.R.
168° 05' 0"		LONGITUDE	167° 33.9 W	LONGITUDE	167° - 01.7' W.		

REMARKS

001-0400 SCANLAND MILLER / WIRRELL
 V/W FOR SW 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 SCT₂ SAT. 0345 WATCH RELIEVED BY C/M
 SCHOENBERG.

Scanland

0400-0800 SCHOENBERG HASLAM / HARVEY
 V/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
 V/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.

Scanland

200-1600 SCANLAND MILLER / WORRELL
 V/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.
 545 WATCH RELIEVED BY C/M SCHOENBERG.

Scanland

000-2000 SCHOENBERG HARVEY / HASLAM
 V/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
 V/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.

Scanland

OANA ZONE DESCRIPTION +10 DATE MONDAY, APRIL 23, 2007

WISE EM07-04 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	^{DRIZ} P.CLDY	12	070	10	070	SLT	-	-	1010.4	79	76	CU	6
	014	357	^{PT} CLDY	12	080	12	080	SLT	-	-	1010.6	80	78	^{SC} CU	3
	014	357	^{SQUALL} CLDY	10	115	12	115	SLT	840	5	1011.7	80	78	^{SC CN} CU	8
	013	356	^{PCLY} CLDY	12	080	10	080	SLT	045	6	1012.7	82	79	^{CN, CU} ^{SC, ST}	6
	012	355	^{PCLY} CLDY	12	085	12	085	SLT	045	6	1012.8	87	79	^{CU, SC} ST	7
	012	355	P.CLDY	12	110	8	110	SLT	030	4-6	1010.4	87	76	^{CU} SC	7
	014	356	P.CLDY	12	075	12	075	SLT	035	4-6	1009.6	82	77	^{CU CN}	5
	014	356	CLDY	12	075	7	075	^{WVLET}	035	5	1010.1	82	78	^{CU CN} ^{SC AS}	7
	014	356	CLDY	12	035	10	035	SLT	045	6	1010.6	80	77	^{CU CN} ^{PS SC}	5
	012	355	^{PCLY} CLDY	12	035	13	035	SLT	-	6	1012.4	83	79	-	2
	STATION #3		^{PCLY} CLDY	12	060	12	060	SLT	-	6	1013.0	83	79	-	2

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	HR.	MIN.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.
12	24	18	54	5	1376.3	2847	63298	10	90	5442

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

709
903

POSITION BY OBSERVATION				LEGEND			
OBS.		TIME		1	2	3	4
TYPE OBS.		TYPE OBS.		CELESTIAL	ELECTRONIC	VISUAL	D.R.
0400	2	1200	2				
06° 51.2 S		LATITUDE	5° 13.9 S				
166° 51.3 W		LONGITUDE	166° 29.7 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
 TRACE METAL 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 DPLY MT 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 GMDOS 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.

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 AROUND DUNE 0745 WATCH RELIEVED BY 3/M KINZIE

Eric Schoenberg

0800-1200 KINZIE PERRY / BIOS
 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

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

Scanland

1600-2000 SCHOENBERG HARLAM / 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

Eric Schoenberg

2000-0000 KINZIE PERRY / BIOS
 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 "R" 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

KILO MOANA ZONE DESCRIPTION +10 DATE TUESDAY, APRIL 24, 2007

ON CRUISE KM07-04 BERTH _____

WEATHER OBSERVATIONS

TIME	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

EMING 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. MN.	GYRO	DEP	ARR	GAL.	GAL.	GAL.
MIN.	HR. MN.	STAND.	PORT	STBD			
42							
TOTAL DEPARTURE TIME	TOTAL DETENTION	STAND.	FWD.	FWD.	TYPE	TYPE	TREATED YES NO
14 54		DEV. AFT.	AFT.	AFT.	CO.	CO.	

0700
1902

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° - 51.8' 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, GENS 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° PGC. 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 RONADE 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 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 WOG. 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

RV KILO MOANA

ZONE DESCRIPTION +10

DATE WEDNESDAY, APRIL 25, 20

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	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		PT CLDY	12	050	12	050	SLT	060	5	1010.4	81	77	CU SC	3
07																
08	ON STA	4		PT CLDY	12	055	10	055	SLT	060	5	1011.4	80	76	CU SC	3
09																
10	ON STATION	#4		PTLY CLDY	12	065	08	065	SLT	065	5	1012.5	82	79	CU SC	4
11																
12	026	026	008	PTLY CLDY	12	060	08	060	SLT	065	5	1012.0	82	79	SC CU	5
13																
14	026	027	009	SQUALLS 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	SQUALL CLDY	12	070	18	070	SLT	060	7	1008.6	80	76	AC AS CI SC CU	9
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	PTLY CLDY	10	060	17	060	MOD	-	7	1011.3	82	79	-	9
23																
24	026	029	012	PTLY 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	HR.	MIN.	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
8	54	6	8	56	234.6	2811	5771.3	-	90	-	5579

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

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	1° 20' 0" N	LATITUDE	1° 54.0' N	LATITUDE	3° - 20.4' N
ONGITUDE	163° 48.6' W	LONGITUDE	163° 29.6' 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 SYNCL W/E.R. SAT. 0001
 0°37.0 N 164°10.3 W 0157 IAW 47CFR 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 SCHOENBERG.

E. Scanland

0400-0800 SCHOENBERG HASLAM/HARVEY
 U/W CSE 027°T 025°PGC 007°PSC W/1,2,3 M/E ON LINE @ 120 RPM W/MAGGIE
 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

Eug. Schoenberg

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/OS RESPONSE 1250 SECURED 1259 CSE 02
 023°PGC 005°PSC W/2,3,4 M/E ON LINE @ 120 RPM 1545 WATCH RELIEV
 BY C/M SCHOENBERG.

E. Scanland

1600-2000 SCHOENBERG HARVEY/HASLAM
 U/W 026°T 026°PGC 005°PSC #2,3,4 M/E @ 120 RPM W/MAGGIE IN TOW 1945 WATCH
 RELIEVED BY 3/M M. KINZIE

Eug. Schoenberg

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

R/V KILO MOANA

ZONE DESCRIPTION +10

DATE THURSDAY, APRIL 26, 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	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	1016.5	82	78	CU SC	6
09																
10	ON STATION	#5		P.CLDY	10	090	18	090	SLT	065	8	1012.1	80	78	CU SC	7
11																
12	014	013	358	P.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	P.CLDY	10	050	19	050	MOD	-	10	1012.7	82	77	-	8
23																
24	014	013	357	P.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.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
19	36	7	4	233.9	2081.1	2839	54874	-	90	-	4853

STATION TIME		DETECTION		COMPASS ERROR	DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED	
HR.	MIN.	HR.	MIN.	GYRO	DEP	ARR	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.			
4	24											
1	24											

POSITION BY OBSERVATION

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

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

REMARKS

Blank lines for additional 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 JPLW
 0210 IAW 47CFR 80.809 + 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° PGL #2,3 + ME ON LINE @ 120 RPM W/MAGGIE
 ASTERN 0546 SLOW FOR MAGGIE @ 50 MAGGIE ABD 0553 ALL STOP 5°04.75'
 161°58.0' W 0556 CTD ↓ SAME & + 0602 SURFACE PUMP 1 ↓ SAME
 & + 0627 CTD ABD 5°04.68' 161°58.03' W 0637 OPTICS ↓ 5°04.16' 161°58.03'
 0706 OPTICS ABD 5°04.59' 161°57.99' W LE #4 ME SECURED 0723 CTD ↓ @
 5°04.6' 161°57.99' W 0728 SURFACE PUMP 2 ↓ SAME & + 0745 WATCH
 RELIEVED BY 3/M M. KINZIE

Eriet Schoenberg

0800-1200 KINZIE

PERRY/BIOS

V/W ON CSE^{AK} 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 # 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 SCT'S
 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° PGL 357° PSC W/MAGGIE
 & TOW 1945 WATCH RELIEVED BY 3/M M. KINZIE

Eriet Schoenberg

2000-0000 KINZIE

PERRY/BIOS

V/W ON CSE 014°T, 013° PGL, 357° PSC. 3 GENERATORS ONLINE MAKING
 120 RPM, MAGGIE IS IN TOW. 2345 WATCH RELIEVED BY
 2/M SCANLAND.

miller

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

R/V KILO MOANA

ZONE DESCRIPTION +10

DATE FRIDAY, APRIL 27, 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	20	040	MOD	-	-	1011.0	81	76	AC ^{CU} SC	9
03																
04	014	015	358	P.CLDY	12	060	26	060	MOD/RGHT	-	-	1010.4	80	76	CU SC	6
05																
06	ON STA 6			CLDY	10	060	23	060	MOD	100	4/8	1012.2	80	75	CU SC	8
07																
08	ON STA 6			CLDY	10	060	23	060	MOD	100	8	1012.9	80	75	SC AC CU	8
09																
10	ON STATION #6			CLDY	10	055	22	055	MOD	050	8	1014.5	81	75	SC AS CU	9
11																
12	014	015	000	CLDY	10	045	24	045	MOD	050	8	1013.5	81	75	SC AS CU	10
13																
14	014	016	357	CLDY	10	040	22	040	MOD	070	8	1011.6	80	75	AC ^{CU} SC	8
15																
16	014	015	000	CLDY	10	045	24	045	MOD	070	8	1011.4	80	76	CU AC SC	10
17																
18	014	015	000	CLDY	10	040	22	040	MOD	070	8	1012.0	80	75	SC AS CU	10
19																
20	014	015	000	CLDY	10	050	20	050	MOD	070	8	1013.2	80	75	SC AS CU	10
21																
22	014	012	358	CLDY	10	050	24	050	MOD	-	8	1015.2	78	73	-	10
23																
24	014	014	358	CLDY	10	060	24	060	MOD	-	8	1015.0	78	73	-	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	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
19	24	7	23	56	222.3	2865	5200.9	-	90	-	4636

STATION TIME		DETECTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED		
HR.	MIN.	HR.	MIN.	GYRO	DEP	ARR	PORT	STBD	GAL.	GAL.	GAL.	TREATED	YES	NO
4	36													
TOTAL STATION TIME		TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TYPE	TYPE	CO.	CO.	CO.	CO.
1	5													

POSITION BY OBSERVATION

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

TIME	TYPE OBS.	TIME	TYPE OBS.
0400	2	1200	2
LATITUDE 8° 19.0' N		LATITUDE 9° N	
LONGITUDE 161° 09.4' W		LONGITUDE 160° 59.3' W	
		TIME 2000	TYPE OBS. 2
		LATITUDE 10° - 30.8' N	
		LONGITUDE 160° - 37.1' W	

REMARKS

Blank lines for additional remarks.

0001-0400 SCANLAND

WORRELL/MILLER

U/W FOR SCI STA #6 ON GENS. 1, 2 & 3, 120 RPM, STEERING PUMP #1, CSE 014° T 014° PGC 359° PSC, MAGGIE IN TOW. 0000 POS. 7°35.7'N 161°19.9'W; TIME SYNC. W/E.R. SAT. 0157 IAW 47 CFR 80.869 + 80.1105 DAILY GROSS 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° PGC 359° PSC W/MAGGIE ATERN @ 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 + λ 1625 CTD ABD 8°37.5'N 161°04.9'W 0632 OPTICS ↓ SAME Q + λ #1 ME SECURED 0658 OPTICS @ 8°37.5'N 161°04.9'W 0719 CTD 2 ↓ @ 8°37.5'N 161°04.9'W 1722 SURFACE PUMP 2 ↓ @ SAME Q + λ 0745 WATCH RELIEVED BY 3/M M. KINZIE

Eric Schoenberg

0800-1200 KINZIE

PERRY/RIOS

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, HAND NETS ↑. 0943 @ 8°-38.2'N, 161°-03.4'W, CTD 6-3. 0955 C/S TO 6.0 KT 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.

Mark Rios

00-1600 SCANLAND

WORRELL/MILLER

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

E Scanland

0-2000 SCHOENBERG

HARVEY/HASLAM

U CSE 014° T 015° PGC 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/RIOS

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

Mark Rios

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

R/V KILO MOANA

ZONE DESCRIPTION +10

DATE SATURDAY, APRIL 28 200

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	358	DRY P.CLDY	10	050	22	050	MOD	-	-	1013.3	79	75	ACC SC	10
03																
04	014	014	357	DRY P.CLDY	10	050	22	050	MOD	-	-	1012.8	77	73	CU SC	7
05																
06	014	013	358	CLDY	10	045	20	045	SLETT MOD	070	6	1013.7	77	73	SC CU AS	9
07																
08	014	014	359	CLDY	10	045	20	045	SLETT	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	SC CU AS	8
11																
12	014 ^{TR}	ON STATION #7		CLDY PTL	12	040	25	040	MOD	055	7	1016.2	78	74	AC CU	8
13																
14	ON STATION			P.CLDY	12	060	22	060	MOD	075	8	1014.4	80	74	CU SC	5
15																
16	ON STATION			P.CLDY	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 REH	075	8	1014.1	77	71	CU SC AC	6
19																
20	014	013	357	PT CLDY	12	045	22	045	REH	080	7	1015.6	78	71	CU SC AS	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

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
RS.	MIN.	DAYS	HRS. MIN.	MILES	MILES	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
13	48	8	23 44	276.5	2580.1	3309	48700	-	90	-	5222

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

R 0622
S 1854

POSITION BY OBSERVATION

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

IME	TYPE OBS.	1200	TIME	TYPE OBS.
0400	2	2	2000	2
ATITUDE	12° 00' 3" S	LATITUDE	14° -12.6' N	
ONGITUDE	160° 15.0' W	LONGITUDE	159° -42.0' W	

REMARKS

0001-0400 SCANLAND

U/LW FOR STA 7, GENS. 2-4, 120 RPM, CSE 014° T 013° PGC 358° PSC, STEERING PUMP #2, MAGGIE IN TOW. 2349 TIME SYNC W/FR. SAT. 0000 POS. 11°16.0'N 160°26.0'W 0200 POS. 11°38.2'N 160°20.5'W; ROUNDS MADE, ALL SECURE. 0203 IAW 47CFR 80.869-80.1105 DAILY GROSS TESTS SAT IN POS. 160°20.4' 11°38.6'N. 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° PGC 358° PSC #234 0/4 @ 120 RPM 0400 POS 12°00.3' N 160°15.0' W ROUNDS MADE ALL'S WELL FORE & AFT 0745 WATCH RELIEVED BY 3/M M. KINZIE

Eurt Schoenberg

0800-1200 KINZIE

PERRY/RIOS

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

M. Kinzie

1200-1600 SCANLAND

WORRELL/MILLER

1145 SLOW TO 5 KTS FOR MAGGIE RECOVERY. 1154 MAGGIE ABD IN POS. 13°28.5'N 159°53.0'W. 1200 ON STA. 1201 CTD ↓ IN POS. 13°28.7'N 159°53.0'W 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°28.8'N 159°53.0'W. 1351 MONTHLY M/F/HF BATT. TESTS SAT. 1403 2nd SET OF PUMPS ↑ AT 13°28.8'N 159°53.0'W. 1418 CTD ↑ 13°28.8'N 159°53.1'W. 1433 PUMPS ↑ SAME POS. 1435 NET TOW ↓, SPD 1.5 KTS. 1521 NET TOW ↑ IN POS. 13°29.7'N 159°52.1'W. 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 @ 1/2, 3 M/E ON LINE CSE 010° T 012° PGC 358° PSC 1720 C/CSE 014° T 012° PGC 356° PSC 1945 WATCH RELIEVED BY 3/M M. KINZIE

Eurt Schoenberg

2000-0000 KINZIE

PERRY/RIOS

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

M. Kinzie

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	SLY 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	SLY 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	350	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	GAL.	GAL.	GAL.	GAL.	GAL.	GAL.
					2790.1	2596	46104	-	70	-	4910

STATION TIME		DETECTION		COMPASS ERROR		DRAFT		FUEL OIL RECEIVED		LUB. OIL RECEIVED		FRESH WATER RECEIVED		
HR.	MIN.	HR.	MIN.	GYRO	DEP	ARR	PORT	STBD	GAL.	GAL.	GAL.	TREATED	YES	NO

SR 0613
SS 1835

POSITION BY OBSERVATION

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

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

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 357° PSC 0745 WATCH RELIEVED
 BY 3/M M. KINZIE Eric 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, ~~FOR~~ SCIENCE
 TOPULL IN MAGGIE. 0955 @ 16° - 51.2' N, 159° - 01.2' W, MAGGIE ↑. ~~TOP~~
 @ 1000 ON SCIENCE STATION #8, @ 16° - 51.3' N, 159° - 01.4' W. 1003 C
 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.

Scanland

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.

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 Eric L. Schoenberg

Scanland

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.

Scanland

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 AS	8	
07																	
08	012	011	352	CLDY	12	045	12	045	SLT	MIX	4	1019.4	78	70	SC CU PWS 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
HR.	MIN.	DAYS	HR.	MIN.	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	GAL.		GAL.		GAL.	
TOTAL STATION TIME		TOTAL DETENTION		STAND.	FWD.	FWD.	TYPE	TYPE	TREATED	YES	NO	
DAYS	HR.	MIN.	HR.	MIN.	DEV.	AFT.	AFT.	CO.	CO.			
						1200	2					
						21° 08.8 N						
						157° 55.5 W						

POSITION BY OBSERVATION

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

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 0013
 TIME SYNC W/F R. SAT 0143 TAW 47 CFR 80.809 + 80.1105 DAILY 6 MDS
 TESTS SAT IN POS. 19° 13.0 N 158° 23.2 W. 0155 ROUNDS MADE, ALL SECURE
 0200 POS. 19° 10.1 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 @ 120 RPM 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.

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 33 CFR 164.25 + 46 CFR 97.15-3 BEGIN PRE-ARRIVAL TESTS INCLUDI
 BT, STEERING GEAR, EOT, PROP AHD/AST, ALL COMMS, SHIP'S BELL + WHISTLE
 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
 C/M Schoenberg