THU 02ND day of DEC 2004 20

Hours	True	Gyro	Standard	Steering	Gyro	Standard	Direction	Force	Weather	Barometer	Thermometer	Log	True	Gyro	Standard	Steering
01	283	283	257	-	-	26E	SSW	9	Cy	1010	8		279	279	254	-
02							SSW	9	Cy	1009	8					
03				"			SSW	9	Cy	1007	8					"
04							SSW	9	Oy	1006	8					
05	223	283	255	-	-	27°E	SSW	9	Oy	1000	8°C		279	279	255	-
06							SW	9	Oy	1004	8°C					
07				"			SSW	9	Oy	1002	7°C					"
08							SW	9	Oy	1000	7°C					
09	283°	283°	255°	-	-	27°E	SW	9	O	1000	7°C		279°	279°	255°	-
10							SW	10	O	1000.5	7°C					
11				"			SW	10	O	1000.5	7°C					
12	283°	283°	255°	-	-	27°E	SW	10	O	1000.5	7°C		279°	279°	255°	-
13		283	283	255	-	-	27°E	SW	10	O	1000.5	7°C		279	279	255	-
14							SW	10	O	1001	7°C					
15				"			WSW	10	O	1002	7°C					
16							WSW	10	O	1003.4	6°C					
17		283	283	254	-	-	24°E	WSW	10	O	1004	6°C		279	279	255	
18							WSW	10	O	1006	6°C					
19				"			WSW	10	O	1008	6°C					
20							W	10	O	1010	5°					
2005 21	A/C	279	279°	254°	-	-	25°E	W	9	O	1011	5°C		279	279	255°	
22				"			W	9	O	1012	5°C					"
23		Fire Pump					W	8	C	1013	5°C		275	275	251	
24		279°	279°	254°	-	-	25°E	W	8	O	1013	5°C		275°	275°	251°	

Duty Officer Signature: KPP 2/O — Duty AB Signature: [illegible]

ISM C/L NO. 11 & 13 complied with. Compasses Compared, Courses Checked. Hand steering tried out. Compass Error unobtainable. Watch mntd on VHF CH 16. Vsl rolling & pitching & shipping seas on deck & hatch covers No 1, 2, 3 & 4, 5. Gale force winds & heavy swell.

Duty Officer Signature: KPP 2/O — Duty AB Signature: [illegible]

ISM C/L no. 11 & 13 complied with, compasses compared, courses checked, V/L's posns charted regly by GPS fixes, clocks fix: 52 58.2 N, 144 31.42 W, V/L Rolling/pitching, shuddering to Gale force winds & heavy swell, shippings seas all over deck and hatch covers, High Seas, O'cast, rain and moderate visibility.

Duty Officer Signature: [illegible] — Duty AB Signature: [illegible]

ISM checklist No. 11 & 13 complied with, compasses compared Co's checked, Vsl's posn charted regly by GPS fixes. VHF CH16 watch mtd. Vsl pitching, pounding and shipping heavy seas on deck / Hatch covers all over. Head stem windsea heavy deep swell O'cast and moderate visibilty.

Duty Officer Signature: [illegible] — Duty AB Signature: [illegible]

ISM C/L No. 11 & 13 complied with. Compasses Compared, Courses Checked, Hand steering tried out. NFU tried out. Watch mntd on VHF CH 16 & MF/HF DSC. Vsl rolling/pitching & pounding to head storm winds & very rough seas & heavy deep swell. Vsl shipping seas on deck & Hatch covers. &

Duty Officer Signature: KPP 2/O — Duty AB Signature: [illegible]

ISM checklist no. 11 & 13 complied with, compasses compared, courses checked, V/L's posns charted regularly by GPS fixes, set allowed 1800 hrs fix 53 13.2 N 145 47.0 W, V/L rolling/pitching heavily, pounding to head storm winds & Hvy deep swell, V. rough seas shipping seas on deck & all hatch covers, O'cast rain mod vis.

Duty Officer Signature: [illegible] — Duty AB Signature: [illegible]

ISM C/L No. 11 & 13 complied with, compasses compared Courses checked, Vsl on autopilot/Hand strg tried out. VHF CH16 & DSC watches mtd. 2300 GPS fix: 53°15'N 146°24'W, V/L Rolling/pitching heavily pounding to head storm winds & hvy deep swell, V. rough seas shipping seas on deck & all hatch covers O'cast & good vis.

Duty Officer Signature: [illegible] — Duty AB Signature: [illegible]

True Course Made To Noon: VAR

Distance (Naut. Miles): Days Run 199; Total 865; To Go 4584

Latitude: D. R. °; Obs. 53° 00' N.

Longitude: D. R. °; Obs. 144° 38' W.

Steaming Time: This Day 24 hr. 00 min.; Total 88 00

Speed (Knots): Average 8.29; Mean Average 9.83

Distance per Log; Set; Drift

True Course Made To Noon: VAR

HOLD BILGES (Port / St-bd) a.m. p.m. a.m. p.m.

No. 1 DURING V. ROUGH SEAS, HATCH SEALING TAPES FIXED FOR
No. 2 ADDITIONAL PROTECTION OF CARGO ON HATCH COVERS, 1, 2, 3, 4, 5, AND 6.
No. 3 RIPPED OFF COMPLETELY
No. 4
No. 5
No. 6
No. 7

TEMPERATURES a.m. p.m. a.m. p.m.

BALLAST WATER IN TANKS (Port / St-bd) a.m. p.m. a.m. p.m.

No. 1
No. 2 Soundings couldn't be taken due to Gale force winds & heavy seas on deck
No. 3
No. 4
No. 5
Deep
Fore Peak (a.m.) (p.m.)

(Port) a.m.

No. 1
No. 2 SOUNDINGS Co
No. 3
No. 4
No. 5
No. 6
No. 7
Eng. Room