MF-05-01

TRANSIT TO FODIAR

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NOAA FORM 77-13d 1/40/03 - 2/4/03 DECK LOG - WEATHER OBSERVATION SHEET NOAA SHIP TIME ZONE JAN 30,03 THURSDAY MILLER FREEMAN 48 SEA WATER TEMP. SEA WAVE HEIGHT (Ft.) SEA LEVEL PRESSURE (mb) TEMPERATURE VISIBILITY (N.M.) WIND SWELL WAVES POSITION PRESENT WEATHER TIME (Lat. and Long.) DRY WET HEIGHT DIR. SPEED DIR. (Ft.) BULB BULB (Kts.) (True) (True) 01 02 03 04 05 06 07 08 09 10 11 12 470 43.83 W 11.4 41 33n (3) 122018 5°W ۷١ 10.8 1017.0 10.7 1220 24:00 W 6 Kts 15 10,1 16 130 1-3 18 19 8.36.4 100 1/25/11.0 12 20 49.47. 130 3 8 16 21 10.01 51 10,0 22 23 0 10 095 9.0 REMARKS

		DEC	K LO	G - WE	ATHER	ROBSE	OITAVS	N SHEE	ΞT			
NOAA	SHIP					DAY		DATE	···	TIME ZO	NE	
1	1ILLER	FRE	EM	AN		FRI	DAY	JAN	1.31	+8		
TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WIW	1D	WAVE GHT	SWELL	WAVES	WATER EMP.	EVEC URE		RATURE OC
	Was sali		VISIB (N.)	DIR. (True)	SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT (FL)	SEA W TEN	SEA LEVEL PRESSURE (mb)	DRY	WET BULB
01	49,20,2 N 123,46,3 W 49,22,8 N	CL	10	100	17	1-3			7,6	1008.9	9,5	92
02	139-06-6 W	CI_	10	108	16	1-3			7.9	1008.8	95	9,0
03	49.37.3 N	CL	10	170	18	1-3			81	10080	9.5	20
04		<u> </u>	10	137	20	1-3			8./	1007.5	148	10.3
06	49.43.9 W 49.56.3 N 125.07.3 W	CL	10	130	15	1-3			34	1006.2	Ц. į	9.7
07	KOLOTIO N		10_	19C	00	i-3_			81/	1005.1	<u> 8.7</u>	10.0
08	175.76.4	ci	10 8	Vaci	22	7/			8.3	10053	7.9	7.5
09	175.26, 4 56-23-6 125.47.4	PC	11		7-4	フーフー	-	1	8.7	1005.7	1, 7	9.8
10	50.27.8	1_	10	<u> </u>	_	1-3			19	041	10. Z	10.0
11	50. 50.	R	7.	074	24	1-3	· -		7.9		<u>10. c.</u> j0. o	9.9
12	50,33.5 N 126,49.9 W	C	8	105	14	1-2		-	79	10036	11.	1
13	50.3712 N	cL	7	110	13	1-2			8.0	1003.1	112 11.1	10,0
14	127.03.4 W 50H5, I N 127.26.6 W 5062.5 N	CL	4	128	10	1-3			7.9	10028	0.1	9.6
15	177.44.7	CL	5	141	19	2-4			8.1	י ל.כמטו	9:8	8.5
16	17448.0 W	CL	6	142	21	2-4			58:1	1002.41	0,0	90
17	7753.6 W	Ch	6	134	21	3-6	205	6	8.6	10035	9.8	87
18	115,300 V	CL	6	KIO	17	24			8.0	1008.5	0.3	9.3
19	12754 A W	CL	(a)	155	08	1-3			7.8	1004.5	0.3	9.4
20	57.04.0 57.04.0	CL	6	41.0	111	1-3			7.8	1005.1	10.1	9.9
21	57.04.7	<u> </u>	6	840	14	1-3	-		7.6	1002.5	9.9	9.8
22	178.08.6 57.15.70.9	CL	2		06	1-3	_		7.7	1007.5		9.8
24	52,21,6 N	(1)		245	05	2.4	-		7.6		0.0	9.9
REMAR	F3 31.4 W		9 1	047	_0 <i>8</i>	2-4			7.5	1009,4	7,4	7.0
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NOAA FORM 77-13D (3-76)

		DE	ECK LC)G _ W	EATHE	R OBSE	RVATI	ON SHE	ET		, C ADMIN	NISTRATE
I NO.	AA SHIP			- •		DAY		DATE		TIME Z	ONE	
-	MILLI	ERF	RE	EM	AN	SATI	VRD4	YFE	B. 1	1+8	3	
-			·			T		<u> </u>				
TIM	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	WI	ND	SEA WAVE HEIGHT (Ft.)	SWEL	L WAVES.	WATER EMP.	SEA LEVEL PRESSIRE (mb)	TEMP	ERATURE OC
Öï	52.32.2 N			OIR. (True)	SPEED (Kts.)	SEA HE (F	DIR. (True)	HEIGHT	SEA W	SEA L PRES	DRY SULB	WET
02	12-8-28-7 W 52-4-2-9 W 128-33-4 W		3	OOC.	10	1-3	-	-	7.4	1010,5	7.0	7,6
03	52,56,1 N		2	COH	15	1-2	-		7,3	1011:2	8,3	7.9
04	128.34 1 V	1-10	17	007	5_	1-5	-		7,2	10121	7.6	7.0
05	53, 13,3 N	1-/4	1/2	VARI	12	1->1			71	1012.8	7.2	6.7
06	129.46.9 W		12	Mist	1-2	>/_			7.1	10140	7.0	6.5
07	179.03.0 W	10-	6	235	Da 2_	10 j-3			6.5	1015.1	6.0	5.7
 	55.30.6	16/	8	257	6	71			12.6	10/5,8	(0.0)	53
08	124.35.3	PC	2	300	5	>1		-	LG		5.9	5.5
09	53.710.41 179.4468	PC	12	329	7	フリ	~	_	1.4	1017.0	<u> </u>	4,9
10	53.49.8	Pc	12	321	2	>1			7.3	1017.0		4.9
11	130. 12.7	PL	17	_		>1						 * * * -
12	130,25,4 W	PC.	12	215	2	71			7.5	10.19.0	6.0	5.3
13	134,15,2 N	CL		295	1	71				1019.1	6.7	5.3
14	541818 N	Ci	12	195			$\overline{}$	-	3	CPS	7,6	6.5
15	54.22.8 N	DC		1.5	4 -	5 1			7,9	1017.2	7.0	55
16	54.26 1 N	0	12			71	290	3	7.6	1019.9	7.6	E.2
17	131.45 5 W 54.29 0 N	De		200	2		285	3-5	7,5	1020,2	7,3	70
10	54.31.8 N	PC		87	12	(-2)	255	3-5	7.1	1000	6.5	63
	130.26.5 W	00		85	12	1-2	265	3-5	73	1000	6.5	5.5
	54.35,1 N 131.57.0 W 53.37.8 N		12	70	14	2-4	260	3-5	7.5	019.5		5,8
Ψ,		PC	17	וובו	17	2-4	_	3.5	7.3	1019.0	7	6.0
21	52.42.8 & 133.31.24 54.41.6 N	PC	17	170	18	7-4 .	37C	3-5	2		7.5	6.0
22	17 4 6/3. W	PC	121	75	2.0	2-4		3-5	7.5	0170		
	34.50.5 W	PC	8 1	67	24	8-4	-	5.5	_			6.1
24	34255 W	CL	8 1	63	7 1.	4-6	85	P			. 1	5.8
REMAR	KS					. 0 1	ا بدلا	5-7	8.]	04.3 7	15	G,2_
												
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Claim and Long Weather See Dir. Speed Claim Clai	NOA	A SHIP					DAY	XVXIIC	DATE		TIME Z	DNE	
POSITION PRESENT	\ \ \	1ILLER	FRF	三日	14 N) .	SETA	INAV	FER	5 ->	128		
01					<u> </u>		17014),	17 0		- -
01	TIME		PRESENT WEATHER	ILITY M.)	WIL	1D	VAVE SHT	SWELL	WAVES	ATER P.	EVEL URE	TEMPE	
22 136.016 W CL 8 157 32 10-12 7.6 1010.6 64 5.9 23 136.01.6 W CL 4 153 32 155 7.5 100.88 6.2 6.1 24 15.01.8 W CL 3 24.8 26 10-16 - 6.8 100.75 5.6 5.3 25 135.01.0 W CL 3 175 26 10-16 - 6.8 100.75 5.6 5.3 26 136.01.0 W CL 3 175 26 10-16 - 6.8 100.75 5.6 5.3 26 136.01.0 W CL 3 175 26 10-16 - 6.8 100.75 5.6 5.3 27 136.24.7 W CL 8 210 26 8-14 - 6.8 100.71 6.6 5.6 28 156.01.9 CL 7 210 26 8-14 - 6.8 100.71 6.6 5.6 28 156.01.9 CL 7 210 26 8-14 - 6.8 100.71 6.6 5.6 29 156.01.9 CL 10 216 79 16-18 790 - 6.8 100.33 5.1 5.1 20 156.01.9 CL 8 225 25 15 255 7.3 100.40 6.1 6.0 21 156.35.2 W CL 8 225 25 15 255 7.3 100.40 6.1 6.0 21 156.35.2 W CL 8 250 39 3.30 - 6.7 100.78 6.5 6.0 21 156.01.9 W CL 8 250 39 3.30 - 6.7 100.78 6.5 6.0 21 156.01.9 W CL 8 250 39 3.30 - 6.7 100.78 6.5 6.0 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 258 3.2 15-25 7.0 100.2 7.2 6.8 21 156.01.9 W CL 8 270 3.2 10-20 7.7 100.4 7.8 6.9 21 156.01.9 W CL 8 271 17 10-15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 271 17 10-15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 260 16 16 10.15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 207 16 10.15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 207 16 10.15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 207 16 10.15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 207 16 10.15 - 6.0 101.7 7.5 6.1 21 156.01.9 W CL 8 207 16 10.15 - 6.0 101.7 7.5 6.1		P.F.CA.T. N		BISIA BISIA			SEA V HEIG			SEA W.	SEA LI PRESS (mb)		
20 150 16	01	ENGL S	CL	8	160	28	8-10			7.7	1029	7.5	6.3
3 13 13 2 W CL 3 248 26 10-16 - C.8 100.2 5.3 5.1 3 248 26 10-16 - C.8 100.2 5.3 5.1 3 175 26 10-16 - C.8 100.2 5.3 5.1 3 175 26 10-16 - C.8 100.2 5.6 5.3 4 18 18 18 18 18 18 18 18 18 18 18 18 18	02	135,01.6 W		8	157	32			-	7.6	1010.6	64	59
25 15 15 15 15 15 15 15	03	135-19-2 W	CL				THE IS			7.5	1008.8	62	6.1
06 1 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6		1135 75 8 W	CL	 	248	26	10-16			6.8	1006.2	5.3	1
07 18 24 7 W CL 9 210 26 8-14 - 6.5 1035. 6.6 5.6 08 53 (24) 0 0 10 215 34 12-15 - (.8 1004.0 (.0 5.8 1005.0 5.6 1005.0 6.6		ユスシッシャカーVー	CL		175					69	10070	5.6	5.3
08 55 (2) 1 0 CL 10 215 34 12-15 - (.8 1004.0 (.0 5.8 100 5.5) 25 CL 10 216 79 16-10 390 - 6-8 1003.9 5.1 5.1 10 55.35.7 CL/R 8 225 25 15 255 - 23 1004.0 6.1 6.0 11 55.35.2 N CL/R 8 225 25 15 255 - 23 1004.0 6.1 6.0 11 55.35.2 N CL 8 244 40 15-20 - 6.6 1005.1 6.1 5.9 137.36.9 N CL 8 250 39 23-30 - 6.7 1006.6 6.0 5.6 138.0 N CL 8 248 44 20-30 - 6.6 1009.2 80 6.5 5.0 138.0 N CL 8 258 32 15.25 - 7.0 1010.2 7.2 6.8 138.0 N CL 8 258 32 15.25 - 7.0 1010.2 7.2 6.8 138.0 N CL 8 258 32 15.25 - 7.0 1010.2 7.2 6.8 138.0 N CL 8 258 32 15.25 - 7.0 1010.2 7.2 6.8 138.0 N CL 8 258 32 15.25 - 7.0 1010.2 7.2 6.8 138.0 N CL 8 250 34 12-30 - 7.3 1004.0 7.5 6.5 138.0 N CL 8 250 32 10.20 - 7.3 1004.0 7.5 6.5 138.0 N CL 8 270 32 10.20 - 7.4 1016.4 7.8 6.8 138.0 N CL 8 270 32 10.20 - 7.4 1016.4 7.8 6.8 138.0 N CL 8 270 32 10.20 - 7.7 1016.0 7.5 6.5 138.0 N CL 8 270 32 10.20 - 7.7 1016.0 7.5 6.8 138.0 N CL 8 270 32 10.20 - 7.7 1016.0 7.5 6.8 138.0 N CL 8 270 32 10.20 - 7.7 1016.0 7.5 6.8 138.0 N CL 8 270 16 10.15 - 6.0 1010.8 8.0 7.7 6.9 138.0 N CL 10 271 17 10.15 - 6.0 1010.8 8.0 7.7 6.9 138.0 N CL 10 271 17 10.15 - 6.6 10211 8.1 7.3 138.0 N PC 8 194 17 10.15 - 6.6 10211 8.1 7.3 138.0 N PC 8 194 17 10.15 - 6.6 10211 8.1 7.3 138.0 N PC 8 194 17 10.15 - 6.6 10211 8.1 7.3 138.0 N PC 8 194 17 10.15 - 6.6 10211 8.1 7.3 138.0 N PC 8 194 17 10.15 - 6.6 10211 8.1 7.3		136 68 3 1	CL	1			10-14	_		6.8	1006.0	6.5	5.5
10			CL	X	গ্ৰ	26	8-14		_	6.8	1005.1	6.6	5.6
13 13 13 13 13 13 13 13 13 13 13 13 13 1	08	136.01.9	CL	10	215	34	12-15			II. • (A)	1004.0	6.0	5.8
10 132-102 LC/R 8 225 25 15 255 - 7.3 1004.0 6.1 6.0 11 553.3.2 N ELR 10 256 44 15-20 - 6.6 1005.16.1 5.9 12 5540.9 N CL 9 244 40 15-20 - 6.7 1007.8 6.5 60 13 521.9 N CL 8 250 39 23-30 - 6.7 1007.8 6.5 60 14 183.0 N CL 8 248 44 20-30 - 6.6 1009.2 8.0 6.5 15 181.2 N CL 8 258 32 15-25 - 7.0 1010.2 7.2 6.8 15 181.2 N CL 8 258 32 15-25 - 7.0 1010.2 7.2 6.8 15 181.2 N CL 8 258 32 15-25 - 7.0 1010.2 7.2 6.8 15 18 18 18 N CL 8 250 34 12-30 - 7.4 1011.9 7.9 6.7 15 18 18 18 N CL 8 250 32 10-20 - 7.4 1016.4 7.8 6.8 15 18 18 18 N CL 8 249 17 10-20 - 7.2 1018.0 7.7 6.9 15 18 18 18 N CL 8 249 17 10-20 - 7.2 1018.0 7.7 6.9 15 18 18 18 N CL 8 249 17 10-15 - 6.0 1011.7 7.5 6.1 15 18 18 18 N PC 8 194 17 10-15 - 6.3 1070.2 8.0 6.7 18 18 18 18 18 N PC 8 194 17 10-15 - 6.6 10211 8.1 7.3 MARKS TEMPERTURE THERMOMETER DYDKEN ON PORTSIDE WITH WIND	09	1 36 4 37, 3	CU	10	216	79	16-18	695	1	6-6		5.1	
11	10	137.10.2W	CL/R	В	225	25	15	255		23		6-1	
12 137,36,8 W CL 9 244 40 15-20 — 6.7 1006,6 6.0 5.6 13 137,36,8 W CL 8 250 39 23-30 — 6.7 1007,8 6.5 6.0 4 138,30,9 W CL 8 248 44 20-30 — 6.6 1009,2 \$0.0 6.5 5 138,25,9 W CL 8 258 32 15-25 — 7.0 1010,2 7.2 6.8 6 138,25,9 W CL 10 255 36 10-35 — 7.4 1011,9 7.9 6.7 7 5\$52,1 W CL 8 253 34 12-30 — 7.3 1004,0 7.5 6.5 8 138,25,9 W CL 7 250 35 12-25 — 7.3 1004,0 7.5 6.5 8 138,25,9 W CL 9 250 35 12-25 — 7.4 1016,4 7 8 6.8 9 55,56,9 W CL 9 250 35 12-25 — 7.7 1016,4 7 8 6.8 9 138,55,9 W CL 9 249 17 10-20 — 7.7 1018,0 7.7 6.9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ij.		ELIR	10	256	44			-	6.6	,	61	^
4 134 00 9 W CL 8 248 44 2030 — 6.6 10092 70 65 5 13412 9 W CL 8 258 32 18-25 — 7.0 106.2 70 68 6 136 25 9 W CL 10 255 36 10-35 — 7.4 1011.9 7.9 6.7 7 5 5 2 1 N CL 8 250 34 12-30 — 7.3 104.0 75 6.5 8 138 34 4 W CL 7 250 33 12-25 — 7.3 104.0 75 6.5 8 138 34 4 W CL 7 250 33 12-25 — 7.3 104.0 7.5 6.8 9 55 56 9 W CL 9 250 32 10-20 / 7.4 1016.4 7.8 6.8 10 134 57 6 W CL 8 270 32 10-20 / 7.4 1018.3 7.4 5.9 10 134 57 6 W CL 8 249 17 10-15 — 6.0 1019.7 7.5 6.1 11 134 37 1 W CL 10 27 17 10-15 — 6.0 1019.7 7.5 6.1 12 139 37 3 W PC 8 216 16 10-15 — 6.3 1070 28.0 7.1 13 139 37 3 W PC 8 194 17 10-15 — 6.6 10211 8.1 7.3 MARKS TEMPERTURE THERMOMETER DIDEN ON PORTSIDE WITH WIND	12	137,36.B W	CL	9	244	40				6.7		(o	1 - 1
4 138 00.9 W CL 8 248 44 2030 — 6.6 1009.2 7.0 6.5 5 136 12.9 W CL 8 258 32 18-25 — 7.0 106.2 7.2 6.8 6 136 25.9 W CL 10 255 36 10-35 — 7.4 1011.9 7.9 6.7 7 5 5 2 1 N CL 8 250 34 12-30 — 7.3 104.0 7.5 6.5 8 138 34 4 W CL 7 250 33 12-25 — 7.3 104.0 7.5 6.5 8 138 34 W CL 7 250 33 12-25 — 7.4 1016.4 7.8 6.8 9 55 56 9 N CL 8 270 32 10-20 / 7.4 1018.3 7.4 5.9 0 138 07 6 W CL 8 249 17 10-70 — 7.7 1018.0 7.7 6.9 1 56 07 5 N CL 10 27 17 10-15 — 6.0 1019.7 7.5 6.1 2 139 37.3 W PC 8 216 16 10-15 — 6.0 1010.0 8.0 7.1 4 160 10.5 W PC 8 194 17 10-15 — 6.6 10211 8.1 7.3 MARKS TEMPERTURE THERMOMETER DIDEN ON PORTSIDE WITH WIND	13	3299.7 W	CL	8	250	39				G 7		W10	
136,05,05,00 PC 8 258 32 18-25 7,0 1010,2 7,2 6.8 136,05,05,00 W PC 8 194 17 10-15 6.3 1070,2 8,0 6.7 1010,5 W PC 8 194 17 10-15 6.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 6.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 6.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 G.6 1021,1 8,1 7.3 1010,5 W PC 8 194 17 10-15 W Portside With wind W Portside W Portside With wind W Portside W Ports	14	13800.9 W	CL	8	248						_		
6 138/25, W C/ 10 255 36 10-35 — 7.4 1011.9 7.9 6.7 7 138/25, 1 W C/ 8 255 34 12-30 — 7.3 104.0 7.5 6.5 8 138/25, 1 W C/ 7 250 35 12-25 — 7.4 1016.4 7.8 6.8 9 138/25, 1 W C/ 4 270 32 10-20 / 7.4 1018.3 7.4 5.9 0 138/25, 1 W C/ 8 249 17 10-70 — 7.7 1018.0 7.7 6.9 1 36/05, 1 W C/ 10 27 17 10-15 — 6.0 1018.7 7.5 6.1 2 139/37, 2 W PC 8 216 16 10-15 — 6.3 1070.2 8.0 6.7 1 15/05, 1 W PC 8 207 16 10-15 — 6.3 1070.2 8.0 6.7 1 15/05, 1 W PC 8 194 17 10-15 — 6.6 10211 8.1 7.3 1 16/16.5 W PC 8 194 17 10-15 — 6.6 10211 8.1 7.3	15	138/12/9 W	CL			1/	-			_			
7 58521 ~ CL 8 255 34 12-30 - 7.3 104.0 7.5 6.5 8 138 44 6 W CL 7 250 33 12-25 - 7.4 1016.4 7.8 6.P 9 55 56.9 M CL 8 270 32 10-20 / 7.4 1018.3 7.4 5.9 0 138 57 M CL 8 270 32 10-20 / 7.4 1018.3 7.4 5.9 1 56 06.8 M CL 10 27 17 10-15 - 7.7 1018.0 7.7 6.9 1 56 06.8 M CL 10 27 17 10-15 - 6.0 1010.0 8.0 7.1 2 139.37.9 M PC 8 194 17 10-15 - 6.3 1070.2 8.0 6.7 1 130.13 N PC 8 194 17 10-15 - 6.6 10211 8.1 7.3 MARKS TEMPERTURE THE MOMETER DVOKEN ON PORTSIDE WITH WIND	16	55 49.8 N		10				_	<u>``</u>	20			
6 132 41.6 x CL 7 250 33 12-25 - / 24 1016.4 7.8 6.8 9 55-56.9 x CL 8 270 32 10-20 / 7.4 1017.3 7.4 5.9. 0 139.09 6 x CL 8 249 17 10-20 - 7.7 1018.0 7.7 6.9 1 56.05.7 x PC 8 216 16 10-15 - 6.0 1010.0 8.0 7.1 139.37.9 x PC 8 207 16 10.15 - 6.3 1070.2 8.0 7.1 156.1 16.10.15 - 6.3 1070.2 8.0 6.7 1 16.10.15 - 6.6 10211 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	17	5\$ 52.1 N	Ü						_				,
9 33 55 5 W CL & 270 32 10-29 / 7.4 1017.3 7.4 5.9. 0 139 59 6 W < L & 249 17 10-20 - 7.7 10:8.0 7.7 6.9 1 56 90 55 W CL 10 27 117 10-15 - 6.0 10:10.0 8.0 7.1 2 139 57 9 W PC & 207 16 10:15 - 6.3 1070.2 8.0 7.1 3 139 57 1 W PC & 194 17 10-15 - 6.6 10241 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	18	55° 54.7 14	CL										
0 139.096 W < L 8 249 17 10-20 - 7.7 1018.0 7.7 6.9 1 36,03.9 W CL 10 27 17 10-15 - 6.0 1018.7 7.5 6.1 2 139.37.9 W PC 8 216 16 10-15 - 6.3 1070.2 8.0 7.1 3 136.11.3 W PC 8 194 17 10-15 - 6.3 1070.2 8.0 6.7 1 10.10.5 W PC 8 194 17 10-15 - 6.6 10211 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	19	55"56.9 N		(Z	_				-				
1 56,02,5 % CL D 27, 17 10-15 - 6.0 0,1,7 7,5 6.1 2 36,03,7 & PC 8 216 16 10-15 - 6.3 1070 28.0 7.1 3 13,03,7 & PC 8 207 16 10.15 - 6.3 1070 28.0 6.7 4 140,10.5 & PC 8 194 17 10-15 - 6.6 10211 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	20		< L	-10				- 1					
2 36.05.7 3 PC 8 216 16 10-15 6.0 1020.0 8.0 7.1 3 139.37.2 30 PC R 207 16 10.15 6.3 1070.2 8.0 6.2 4 16.10.3 W PC 8 194 17 10-15 - 6.6 1024 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	21	<1,02,8 N			_	/_		-		,			6.9
130.6.7.10 PC R 207 16 10.15 - 6.3 1070.28.0 6.7 156.11.3 N PC 8 194 17 10-15 - 6.6 10241 8.1 7.3 MARKS temperture thermometer broken on Portside with wind	22			· ^		1-1			-				6.1
HO.10.5 W PC 8 194 17 10-15 - 66 10211 8.1 73 MARKS temperture thermometer broken on Portside with wind	23	うくかんこ ツー	0	0		1,		 -	_	-			
MARKS temperture thermometer broken on Portside with wind	24	5611.3 N				10	- 31	_		6.5	1070.2	80	
	EMAR					<u> </u>			.50	646 1	10211	ą.i_l	<u>73,</u>
POVISIONE TEMPETURES WEVE ESTIMATED -	a h	DOUT S'A	4	rmo		er 1			1 10	VISIC	e w	thy	<u> zind</u>
	On	POVISION	Tempe	TURE	SN	<u>eve</u>	esti	matel	<u> </u>		-		
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AA FORM 77-13D (3-76) SUPERSEDES NOAA FORM 77-13D (7-72). EXISTING STOCK	AA F	ORM 77-13D (3-76)	SUP	ERSEDE	SNOAA	FORM 77-	13D (7-72), FY147	ING STOP				

	SHIP					DAY		DATE		TIME ZO	NE	
	TILLER	RERE	E	MAN	1	MON	DAY	FE	3.3	+9		
IME	POSITION (Lat. and Long.)	PRESENT WEATHER	Y Tig	WH	ND	AVE HT	SWELL	WAVES	TER.	IVEL		RATUR
,		WEATHER.	VISIBILITY (N.M.)	DIR. (True)	SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT (Ft.)	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET
01	56.14.1 N	CL	10	156	19	10-15			6.1		3. 3	7.6
02	14046,4	CL	10	166	20	8-12			6.7	1019.8	8,8	7.9
03 04	5026.1 N	cL	5	152	71	9-15			6.1	1018,5	8.0	48
05	56,29:1 N	CI	ie	162	20	9-15			6.5	10125	95	8.2
06	30.31.9 N 142.09.9 N	CL	6	171	19	6-10	250	640	14.3	10177	39	3.1
7	1212 30,4 W	CL	G	165	19	10-15			6.10	10170	8.5	3.4
8	56.384 N 1713.508 C	CL	10	159	26	12-15	1	_	6.7	1017.0	10.1	9, 1
19	56.415 N 143.3605W 56.44.81N	Ci	8	175	26	10:15	250	6-8	6.2	1017.0	10,0	9.8
10	143 33 2 W	CL	8	170	25	10-12	250	8-10	5.8	10,7.0	98	9.0
2	143.50.9 v	CL	8	.49	2.7	12-18	250	8-12	5.9	196.8	10.0	9.0
	144.11.4 W	C	8	163	23	8-12	250	8-12	5.8	7.3101	9,8	9.0
4	144.55.5 W	CLIF	クリ	164	26	6-10	250	8-12		1016,0	7.8	6.5
5	56.59.2 N	CIE	21	150	24	6-10	220	8-12	5.5		69	6,7
	195, 13.5 W 157, 01.8 N 145.32,2	1-/1		160	19	6-10 4-8	22.0	8-12 0 h	5.5	10150	6.7	6.5
	57,043 N	12/1	()	14.0	1 3			8-12	5.5 5.3	1014.6	6.8	6.6
8	57 06 4 N 46 67 7 W	F/4	21	142	95	4-8 4-1	216	8-12	5.6	1014.6	65	63
	67.09.5 N 146.31.3 W	F/I	72	160	71			(9-10			105	7
0	146.63.4 W	F/L	71	137	27	8-10	~~~	<u>- 101</u>	_ / /	1014.1	l 2	6.
1	57.14,6 N	F/L	72	138	76	8-15	203	10-15	515	-	6.1.	6.0
2 /	57.733 W	FIL	72	136	37	17-20		15-18	10		6.2	6.1
3	747,57.3 57,22.3 N	E/L	2.	145	27	12-20	200	15-20	5.5		6.9	6.5
4 .	48.20.0 W	F/4	2-3	143	33	اء حما	200	15-20	5-	1009.5	۲.,	G.5'

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	SHIP			ν.		DAY		DATE	· · · · ·	TIME ZO	NE	
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TIME	POSITION (Lat. and Long.)	PRESENT WEATHER	VISIBILITY (N.M.)	F WING		A H SWE		WAVES	P.	EVEL	TEMPERATUR	
			VISIB (N.A.	DIR. (True)	SPEED (Kts.)	SEA WAVE HEIGHT (Ft.)	DIR. (True)	HEIGHT (Ft.)	SEA WATER TEMP.	SEA LEVEL PRESSURE (mb)	DRY BULB	WET BULS
01	57,24,5 N 14849A W 52,26,3 N	F/L	2	135	33	10-15	200	15-20	60	10063	6.8	6.5
	149.03.8 W	CL/F	2	146	32	12-18	200	15-20	4.7	1001.7	7.0	6,9
03	149.27.1 W	CL/F	2	135	32	12-18		-	7.0	100GA	7.2	7.0
04	149.45.5 V	U/F	2	145	29	12-18	/		7.0	1006D	7.2	7.0
05	570 33.41 N 150° 08.81 W 570 37/2 N	CLF	2	135	30	5-15	210	15-25	7.3	604.8	7.3	7.1
	150° 24.7'W	CL/F	42	124	31	10-15	210	15-25	6.2	1004.0	7.2	7.0
07	57.38.4 150.55.4.	CL/F	<2	137	30	10-15	210	15-25	63	10040		_
08	151 10.6 1	CLIF	6_	133	27	17-70	210	15-25	6.3	1003.1	7.0	7,0
09	57.40:3 N 151.30; W 57.41.7 N	Cr/ E	Ч	138	75	10-20	180	15-25	5.8	1002.9	70	7:0
-	151, 60,600 57.43.9 N	CITE	4	136	28	10-15	180	15.25	55	1001.0	6.9	6.9
''	154.14.80	CHEIL	3	134	22	10-12	186	15-70	5.0	1007.0		6.)
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