

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Friday		DATE (dd mmm yyyy) 14-Apr-2023			
HOURLY WX TIME	POSITION		SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)				
	LATITUDE	LONGITUDE				Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET		
00	N	W														
01	N	W														
02	N	W														
03	N	W														
04	N	W														
05	N	W														
06	N	W														
07	N	W														
08	N	W														
09	N	W														
10	INPORT	N	W													
11	N	W														
12	34 10.5	N	119 29.9	W	FEW	CuHz	10	270	6	1014.5	<1	270	2-3	12.1	13.8	11.6
13	34 10.5	N	119 30.6	W	FEW	CuHz	10	275	6	1014.4	<1	270	2-3	12.2	14.9	12.1
14	34 10.9	N	119 30.4	W	FEW	CuHz	10	290	8	1014.44	<1	270	2-3	12.2	15.0	12.3
15	34 13.4	N	119 25.0	W	FEW	CuHz	10	300	8	1014.4	<1	270	2-3	13.2	14.7	12.2
16	OPS	N	W													
17	TRAFFIC	N	W													
18	34 04.4	N	119 24.2	W	SCT	-	10	280	13	1013.7	<1	300	3-4	12.3	12.6	11.1
19	OPS	N	W													
20	33 59.0	N	119 28.8	W	FEW	HZ	10	320	7	1014.0	<1	240	2-3	13.1	12.5	11.3
21	33 55.1	N	119 28.6	W	FEW	HZ	10	295	8	1014.5	<1	240	2-3	14.1	12.9	11.3
22	33 54.6	N	119 29.6	W	CLR	-	10	310	5	1015.1	<1	240	2-3	13.9	13.1	11.3
23	33 53.6	N	119 35.8	W	CLR	-	10	310	10	1015.5	<1	240	2-3	13.2	12.2	10.7
	N	W														

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227										TIME ZONE (-7 or -8) -7		DAY OF WEEK Saturday		DATE (dd mmm yyyy) 15-Apr-2023		
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	33 51.2	N	119 51.7	W	CLR	-	10	336	20	1015.9	2	240	3-4	12.2	11.2	10.0
01	33 48.9	N	120 00.0	W	CLR	-	10	325	19	1016.1	2	240	3-4	12.2	11.3	9.9
02	33 48.4	N	120 08.0	W	CLR	-	10	315	20	1016.3	2	290	3-4	11.8	11.1	9.8
03	33 47.6	N	120 08.8	W	CLR	-	10	329	21	1016.3	2	300	3-4	11.9	10.9	9.8
04	33 48.3	N	120 07.7	W	CLR		10	310	19	1016.4	2	300	3-4	11.8	10.9	9.7
05	33 52.4	N	119 57.3	W	CLR		10	338	14	1016.5	2	300	3-4	11.9	11	9.8
06	33 59.4	N	119 55.8	W	CLR		10	302	13	1016.8	2	300	2	11.8	10.8	9.7
07	34 07.5	N	119 53.8	W	CLR		10	279	9	1017.5	1	300	2	11.3	10.9	9.8
08	OPS	N		W												
09	34 08.1	N	119 51.3	W	CLR	-	10	260	13	1018.7	1	300	2-3	11.4	12.2	10.7
10	34 15.0	N	119 49.2	W	FEW	-	10	240	4	1018.9	1	300	2-3	11.9	14.4	12.1
11		N		W												
12	34 21.2	N	119 52.9	W	FEW	HZ	10	240	4	1019.0	1	280	2-3	13.0	14.0	12.0
13	34 16.4	N	120 01.5	W	FEW	HZ	10	270	10	1019.3	1	280	2-3	13.1	13.3	11.5
14	34 16.2	N	120 01.3	W	FEW	HZ	10	290	9	1019.2	1	270	3-4	12.5	13.9	11.8
15	34 16.2	N	120 02.4	W	CLR	HZ	10	280	12	1019.1	1	270	3-4	12.7	14.0	11.7
16	34 19.1	N	120 13.2	W	FEW	VC HZ	10	297	19	1017.8	2-3	280	3-4	12.7	12.6	11.1
17	34 23.7	N	120 24.8	W	FEW	VC HZ	10	309	27	1017.8	2-3	280	3-4	12.4	11.6	10.2
18	34 28.1	N	120 30.4	W	SCT	VC FG	10	312	24	1018.1	2-3	300	3-4	11.5	11.4	10.1
19	34 26.9	N	120 31.5	W	SCT	VC FG	10	321	23	1017.8	2-3	300	3-4	11.2	11.1	9.9
20	34 25.2	N	120 33.2	W	SCT	Sc	10	325	26	1017.8	2-3	300	3-4	10.9	10.7	9.7
21	34 16.1	N	120 33.9	W	SCT	Sc	10	330	24	1018.5	2-3	300	3-4	11.6	11.0	9.9
22	34 09.2	N	120 35.2	W	SCT	Sc	10	345	19	1018.8	3-4	300	4	10.9	11.0	9.9
23	34 08.4	N	120 38.7	W	SCT	Sc	10	335	23	1018.8	3-4	300	4	11.0	11.3	10.2
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Sunday		DATE (dd mmm yyyy) 16-Apr-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	34 05.1	N	120 49.8	W	BKN	-	10	330	20	1019.1	2-3	300	4-5	11.7	11.3	9.9
01	34 02.5	N	121 00.7	W	BKN	-	10	340	19	1019.3	2-3	300	4-5	12.5	11.5	10.0
02	34 01.5	N	121 04.1	W	BKN	-	10	325	18	1019.3	2-3	310	4-5	12.7	11.1	9.6
03	34 01.5	N	121 05.9	W	BKN	-	10	333	15	1019.1	2-3	310	4-5	12.9	11.2	9.7
04	34 07.9	N	121 02.8	W	BKN		10	309	19	1018.6	2-3	310	4-5	12.7	11.3	9.8
05	34 17.6	N	120 59.4	W	BKN		10	312	18	1018.6	2-3	310	4-5	12.2	11	9.3
06	34 27.2	N	120 56.2	W	OVC		10	320	17	1018.9	3-4	310	4-5	12.3	11.1	9.7
07	34 34.9	N	120 54.6	W	OVC		10	335	16	1019.2	3-4	310	4-5	12.2	10.9	9.3
08	34 44.0	N	120 52.3	W	OVC	-	10	317	16	1020.1	2-3	310	4-5	10.5	10.7	9.2
09	34 52.8	N	120 50.0	W	OVC	-	10	325	18	1020.9	2-3	310	4-5	10.6	10.8	9.3
10	35 00.9	N	120 47.8	W	OVC	-	10	330	13	1020.8	2-3	315	4-5	10.7	10.6	9.1
11		N		W												
12	36 03.6	N	121 47.4	W	OVC	SC	10	325	17	1020.5	2-3	310	4-5	10.6	10.7	9.2
13	35 07.9	N	120 54.9	W	SCT	SC	10	325	22	1019.8	2-3	330	4-5	11.2	11.3	9.4
14	35 14.5	N	120 59.8	W	FEW	SCHZ	10	320	20	1019.5	3	330	5-6	11.6	11.6	9.3
15	35 20.3	N	121 04.9	W	FEW	HZCI	10	325	18	1018.8	3	330	5-6	10.9	11.9	9.6
16	35 26.6	N	121 08.6	W	FEW	VC HZ	10	306	22	1017.8	3	320	5-6	10.6	11.9	9.7
17	35 33.6	N	121 13.1	W	FEW	VC HZ	10	322	21	1017.4	3	320	5-6	10.3	11.7	9.6
18	35 38.3	N	121 15.5	W	FEW	-	10	310	30	1016.4	4-5	315	6-7	10.1	11.0	9.5
19	35 36.6	N	121 19.4	W	FEW	-	10	323	28	1016.2	4-5	315	5-7	10.6	11.2	9.8
20	35 34.4	N	121 24.7	W	FEW	SC	10	325	26	1016.0	4-5	310	5-7	11.0	11.3	9.9
21	35 34.5	N	121 26.0	W	FEW	SC	10	330	28	1016.6	4-5	310	5-7	11.0	11.3	9.9
22	35 31.7	N	121 31.0	W	CLR	-	10	330	31	1016.8	4-5	310	5-7	11.2	11.6	10.3
23	35 28.5	N	121 36.7	W	CLR	-	10	330	32	1016.9	4-5	310	5-7	10.8	11.5	10.4
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Monday		DATE (dd mmm yyyy) 17-Apr-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	35 28.1	N	121 38.9	W	SCT	-	10	320	32	1016.3	6-8	320	7-8	10.8	11.2	10.3
01	35 23.1	N	121 48.3	W	BKN	-	10	340	32	1016.6	6-8	320	8	10.7	11.3	10.4
02	35 18.7	N	121 57.5	W	BKN	-	10	320	25	1017.2	6-8	340	8	11.6	11.8	10.7
03	35 18.0	N	121 58.6	W	BKN	-	10	320	32	1016.7	6-8	340	8	11.6	11.8	10.6
04	35 14.9	N	122 05.7	W	BKN		10	344	23	1016.5	6-8	340	8	12.4	12	10.9
05	35 11.1	N	122 13.7	W	BKN		10	340	25	1016.5	4-6	340	7-9	12.4	11.9	10.7
06	35 06.9	N	122 22.4	W	OVC		10	345	23	1016.9	4-6	320	6-8	12.6	12.0	10.4
07	35 01.9	N	122 33.0	W	BKN		10	341	22	1017.1	4-6	320	6-8	12.7	12	10.2
08	OPS	N		W												
09	OPS	N		W												
10	34 56.3	N	122 46.8	W	BKN	-	10	348	22	1017.8	4-6	320	6-8	12.5	12.0	9.8
11	34 49.8	N	122 58.9	W	SCT	-	10	340	21	1017.9	4-6	320	5-7	12.6	12.1	9.6
12	34 45.3	N	123 07.9	W	SCT	ScCu	10	340	22	1018.5	4-6	300	5-7	12.7	12.1	9.7
13	34 40.4	N	123 18.3	W	SCT	ScCu	10	335	19	1018.4	4-6	300	5-7	12.8	12.2	9.6
14	34 38.5	N	123 22.4	W	SCT	StSc	10	330	17	1018.6	4-6	300	5-7	12.8	13.2	10.1
15	34 38.5	N	123 24.6	W	SCT	StSc	10	335	15	1018.1	4-6	300	5-7	12.9	12.5	10.1
16	34 32.3	N	123 35.4	W	BKN	-	10	330	16	1018.8	4-6	300	5-7	13.1	12.8	10.2
17	34 26.6	N	123 47.0	W	BKN		10	330	15	1017.4	3-5	310	4-6	13.1	13.5	10.6
18	34 22.7	N	123 55.2	W	BKN	-	10	317	19	1017.4	3-5	310	6-7	13.0	13.4	11.3
19	34 19.5	N	124 03.3	W	SCT	VC HZ	10	280	15	1017.2	3-5	310	5-6	10.6	13.7	11.3
20	34 19.7	N	124 04.8	W	SCT	St	10	290	14	1016.9	3-5	310	5-6	13.2	13.4	11.7
21	34 24.5	N	124 08.3	W	SCT	St	10	300	17	1016.9	3-5	310	5-6	13.3	13.3	11.1
22	34 31.3	N	124 13.0	W	SCT	St	10	295	17	1017.7	3-5	310	5-6	13.4	13.2	11.0
23	34 37.9	N	124 17.8	W	SCT	St	10	295	23	1017.8	3.5	310	5-6	13.4	13.4	11.1
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Tuesday		DATE (dd mmm yyyy) 18-Apr-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	34 45.4	N	124 23.3	W	SCT	-	10	310	15	1017.8	2-3	320	4-5	13.4	13.4	11.6
01	34 51.6	N	124 27.9	W	SCT	-	10	310	16	1017.6	2-3	320	5-6	13.3	13.4	11.7
02	34 52.2	N	124 28.8	W	SCT	-	10	282	18	1017.2	2-3	320	5-6	13.2	12.9	11.6
03	34 53.3	N	124 26.8	W	SCT	-	10	300	19	1017.2	2-3	320	5-6	13.4	12.8	11.3
04	34 59.0	N	124 15.9	W	FEW		10	330	15	1017.1	2-3	320	5-6	12.5	12.2	10.6
05	35 03.1	N	124 07.5	W	SCT		10	325	15	1017.3	2-3	310	4-6	12.6	12.0	10.3
06	35 08.1	N	123 56.9	W	BKN		10	320	13	1017.6	2-3	310	4-5	12.7	11.4	10
07	35 12.9	N	123 46.8	W	BKN		10	330	10	1018.0	2-3	310	5-6	12.6	11.9	9.7
08		N		W												
09	35 13.2	N	123 48.7	W	SCT	-	10	345	14	1018.7	2-3	310	5-6	12.6	12.6	9.3
10	35 16.5	N	123 42.8	W	SCT	-	10	340	14	1019.0	2-3	310	5-6	12.7	12.9	9.6
11	35 20.8	N	123 32.1	W	SCT	-	10	340	13	1019.6	2-3	310	5-6	12.8	13.2	9.5
12	35 24.7	N	123 22.5	W	SCT	SiCU	10	335	13	1019.7	2-3	330	5-6	12.6	13.1	9.2
13	35 29.0	N	123 12.6	W	SCT	SiCU	10	340	12.0	1019.6	2-3	330	5-6	12.6	13.1	9.3
14	35 32.9	N	123 04.5	W	SCT	SiCU	10	010	12	1019.2	2-3	320	5-6	12.7	12.7	9.7
15	35 33.3	N	123 05.5	W	SCT	SiCU	10	350	11	1019.4	2-3	320	5-6	12.7	12.8	9.0
16	35 36.6	N	122 57.8	W	SCT	-	10	320	11	1018.8	2-3	310	7-8			
17	35 39.5	N	122 50.5	W	SCT	-	10	319	16	1018.8	2-3	340	7-8	12.8	12.3	8.6
18	35 40.0	N	122 51.7	W	SCT	-	10	300	15	1018.5	2-3	310/340	12-15/8	12.6	12.2	8.9
19	35 42.6	N	122 44.8	W	SCT	-	10	310	15	1018.6	2-3	310-340	12-15/8	13.0	12.3	9.3
20	35 45.9	N	122 37.2	W	FEW	St	10	330	16	1018.9	2-3	300/340	12-14	12.9	11.6	8.8
21	35 46.1	N	122 37.9	W	FEW	St	10	330	17	1019.4	2-3	300/340	12-14	12.8	11.6	8.7
22	35 49.2	N	122 31.2	W	CLR	-	10	310	17	1019.8	2-3	300/340	12-14	12.7	11.8	9.2
23	35 52.9	N	122 21.9	W	CLR	-	10	320	16	1020.1	2-3	300/340	8-10	12.4	11.8	9.1
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Wednesday		DATE (dd mm yyyy) 19-Apr-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	35 52.6	N	122 22.7	W	BKN	-	10	305	16	1019.9	2-3	300/340	7-8	12.5	11.7	9.1
01	35 54.6	N	122 18.6	W	BKN	-	10	315	15	1019.9	2-3	300/340	7-8	12.3	12.0	9.6
02	35 58.8	N	122 09.2	W	SCT	-	10	320	17	1019.6	2-3	300/340	7-8	11.7	11.7	9.4
03	36 02.7	N	122 00.7	W	FEW	-	10	340	12	1019.5	2-3	300/340	5-7	10.6	10.5	9.1
04	36 02.6	N	122 01.2	W	FEW		10	350	18	1019.8	2-3	320	6-7	10.6	10.9	9.4
05	36 03.5	N	122 00.4	W	FEW		10	340	16	1019.4	2-3	320	6-7	10.7	10.8	9.4
06	36 10.5	N	121 44.3	W	SCT		10	320	13	1019.6	1-3	310	3-5	9.5	10	8
07	36 10.6	N	121 44.1	W	SCT		10	320	13	1019.6	1-3	310	3-5	9.4	10.8	7
08	36 10.5	N	121 45.4	W	FEW	-	10	316	18	1020.5	2-3	300	3-5	9.5	10.3	7.4
09	36 10.8	N	121 47.6	W	FEW	-	10	325	20	1020.8	2-3	300	5-6	9.7	10.6	8.0
10	36 14.1	N	121 57.6	W	FEW	-	10	356	28	1022.1	2-3	300	5-7	9.9	10.4	7.9
11	36 21.1	N	122 01.5	W	FEW	-	10	345	16	1023.0	2-3	300	5-6	10.3	11.1	8.6
12	36 29.5	N	122 02.7	W	FEW	Cu	10	335	15	1023.5	2-3	300	4-5	10.5	11.3	8.7
13	36 39.3	N	122 00.8	W	FEW	Sc	10	315	21	1022.7	2-3	300	4-5	10.5	11.9	8.7
14	36 45.3	N	121 53.5	W	CLR	HZ	10	290	21	1022.6	2-3	300	4	11.8	12.2	9.2
15	36 47.4	N	121 50.8	W	CLR	HZ	10	295	19	1022.1	2-3	300	4	12.4	12.3	9.5
16	36 47.1	N	121 52.2	W	FEW	VC HZ	10	285	20	1021.6	2-3	300	4	12.3	12.2	9.3
17	OPS	N		W												
18	36 46.6	N	122 04.7	W	FEW	VC HZ	10	300	28	1021.3	3-4	310	7-8	9.8	11.0	8.8
19	36 50.4	N	122 11.9	W	FEW	VC HZ	10	305	30	1021.6	5-6	310	7-8	9.8	10.6	8.8
20	36 53.8	N	122 19.3	W	FEW	VC HZ	10	350	25	1022.4	5-6	310	5-6	10.5	10.7	8.7
21	36 56.0	N	122 25.9	W	FEW	VC HZ	10	330	23	1023.6	5-6	310	5-6	11.0	10.8	8.7
22	36 53.4	N	122 27.1	W	CLR	-	10	335	21	1024.4	5-6	310	5-6	11.0	11.0	8.9
23	36 44.1	N	122 25.2	W	CLR	VC HZ	10	345	25	1024.1	5-6	310	5-6	10.9	11.5	9.1
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Thursday		DATE (dd mmm yyyy) 20-Apr-2023			
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	36 37.4	N	122 21.5	W	FEW	-	10	318	26	1023.6	4-5	310	5-6	10.4	10.9	8.8
01	36 36.7	N	122 26.2	W	CLR	-	10	324	29	1024.2	4-5	310	5-6	11.0	10.7	8.7
02	36 36.7	N	122 27.7	W	CLR	-	10	246	20	1024.3	4-5	310	5-6	11.1	11.1	9.3
03	36 30.4	N	122 22.2	W	CLR	-	10	350	25	1024.0	4-5	310	5-6	11.3	10.8	9.2
04	36 23.3	N	122 19.4	W	FEW		10	350	20	1023.7	3-5	310	6-7	11.7	11.3	9.7
05	36 20.6	N	122 19.4	W	FEW		10	000	23	1023.5	4-5	310	6-8	11.8	10.7	9.4
06	36 21.6	N	122 20.9	W	FEW		10	010	18	1023.7	4-5	310	8-10	11.5	10.6	9.5
07	36 23.2	N	122 28.5	W	FEW		10	010	22	1024.0	4-5	310	9-11	11.6	10.9	9.5
08	36 25.2	N	122 37.8	W	FEW	-	10	020	22	1024.8	4-5	310	9-11	11.6	11.2	9.5
09	36 27.0	N	122 45.1	W	FEW	-	10	020	22	1025.4	5-6	310	10-12	11.5	11.5	9.5
10	OPS	N		W												
11	36 27.2	N	122 48.0	W	FEW	-	10	340	16	1026.6	4-5	320	9-11	11.5	12.0	10.0
12	36 21.9	N	122 57.3	W	FEW	St	10	350	18	1027.1	4-5	320	8-10	11.7	11.6	9.9
13	36 16.4	N	123 09.8	W	FEW	St	10	000	24	1027.1	4-5	320	8-10	11.9	11.9	10.1
14	36 10.4	N	123 22.7	W	FEW	St	10	355	23	1027.2	4-5	320	8-10	12.5	11.9	9.9
15	36 07.3	N	123 29.8	W	FEW	St	10	005	20	1027.1	4-5	335	7-8	12.5	12.9	10.3
16	36 08.2	N	123 31.0	W	FEW	VC HZ	10	335	28	1027.0	6-7	345	7-8	12.5	12.7	9.7
17	36 09.5	N	123 35.9	W	FEW	VC HZ	10	310	24	1026.6	6-7	345	7-8	12.5	12.4	10.0
18	35 56.3	N	123 53.4	W	FEW	-	10	330	25	1026.7	4-5	345	7-8	12.2	12.7	10.3
19	35 50.6	N	124 04.5	W	FEW	-	10	330	28							
20	35 47.3	N	124 12.1	W	FEW	St	10	350	25	1026.8	4-5	345	7-8	12.4	12.4	10.5
21	35 47.9	N	124 13.4	W	FEW	St	10	355	30	1027.0	4-6	345	8-9	12.3	12.4	10.6
22	35 42.7	N	124 23.9	W	CLR	-	10	000	27	12.4	4-6	345	8-9	12.4	12.4	10.7
23	35 35.7	N	124 36.1	W	CLR	-	10	000	21	12.4	4-6	345	8-9	12.4	12.6	11.0
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227										TIME ZONE (-7 or -8) -7		DAY OF WEEK Friday		DATE (dd mmm yyyy) 21-Apr-2023		
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	35 30.4	N	124 47.6	W	CLR	-	10	330	25	1027.8	4-6	345	8	12.6	12.7	11.2
01	OPS	N		W												
02	35 27.7	N	124 56.2	W	CLR	-	10	350	18	1027.9	4-5	345	8	12.6	12.7	11.3
03	35 36.2	N	125 01.0	W	CLR	-	10	355	18	1027.9	4-5	345	8	12.7	12.7	11.3
04	35 46.2	N	125 08.3	W	CLR		10	006	19	1027.2	4-5	345	8	12.7	12.8	11.1
05	35 54.8	N	125 14.7	W	CLR		10	005	20	1027.2	4	345	8	12.7	12.8	11.1
06	36 02.6	N	125 20.6	W	FEW		10	000	20	1027.7	3-4	340	5-7	12.8	12.6	11.3
07	36 03.2	N	125 22.4	W	FEW		10	350	18	1018.0	3-4	340	4-6	12.8	13	11.6
08	36 06.2	N	125 14.7	W	FEW	-	10	345	25	1027.5	3-4	340	5-6	12.9	13.6	12.0
09	36 10.1	N	125 04.7	W	FEW	-	10	340	22	1027.3	3-4	340	5-6	12.7	13.8	12.1
10	36 16.0	N	124 51.8	W	SCT	-	10	335	21	1027.2	3-4	340	5-6	12.7	13.6	12.4
11	36 21.2	N	124 40.7	W	OVC	-	10	340	27	1026.9	4-5	340	5-7	12.2	12.9	11.9
12	36 22.7	N	124 38.6	W	OVC	St	8	360	25	1027.6	4-5	340	5-7	12.1	12.6	11.9
13	DRILLS	N		W												
14	36 37.9	N	124 25.7	W	OVC	St	10	335	21	1026.0	4-6	340	5-7	12.5	13.6	12.6
15	36 32.9	N	124 15.2	W	OVC	St	10	340	29	1025.0	4-6	340	5-7	12.5	13.2	12.3
16	36 38.7	N	124 03.0	W	OVC	VC FG	7	340	27	1023.7	4-6	340	7-8	12.4	12.8	12.2
17	OPS	N		W												
18	36 42.2	N	123 56.8	W	OVC	FG	1	328	30	1023.6	6-7	345	8-10	12.3	12.2	11.8
19	36 45.4	N	123 50.1	W	OVC	FG+	<1	334	28	1022.4	6-7	345	8-10	11.3	11.9	11.7
20	36 49.9	N	123 38.6	W	OVC	FG	<1	330	32	1021.1	6-7	345	8-10	11.4	11.7	11.4
21	36 55.5	N	123 26.7	W	OVC	FG	<1	335	32	1021.2	6-7	345	8-10	11.3	11.6	11.3
22	36 59.9	N	123 17.3	W	OVC	FG	<1	330	29	1021.1	6-7	345	8-10	11.1	11.5	11.4
23	37 02.2	N	123 12.1	W	OVC	FG	1	330	27	1020.1	6-7	345	8-10	11.5	11.3	11.1
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227									TIME ZONE (-7 or -8) -7		DAY OF WEEK Saturday		DATE (dd mmm yyyy) 22-Apr-2023			
HOURLY WX TIME	POSITION			SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)			
	LATITUDE		LONGITUDE				Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET	
00	37 02.5	N	123 13.3	W	OVC	FG	1	316	32	1019.5	5-6	345	9-10	11.4	11.2	11.0
01	37 03.0	N	123 11.2	W	OVC	FG	<1	321	31	1019.3	5-6	345	9-10	11.6	11.5	11.3
02	37 07.7	N	123 00.5	W	OVC	FG	1	333	22	1018.8	5-6	345	9-10	10.9	11.1	10.9
03	37 12.6	N	122 49.9	W	OVC	FG	1	330	24	1018.3	4-5	345	8-9	10.9	10.6	10.4
04	OPS	N		W												
05	37 16.4	N	122 41.6	W	OVC	FG	0-1	334	22	1017.1	4-5	345	9-10	10.5	10.4	10.2
06	37 18.2	N	122 37.4	W	OVC	FG	0-1	340	18	1017.3	3-5	320	5-8	10	10.1	10
07	37 19.7	N	122 43.0	W	OVC	FG	0-1	000	20	1017.1	3-5	310	7-9	10.8	10.2	10.1
08	37 28.7	N	122 46.9	W	OVC	FG	<1	350	19	1017.2	5-6	315	9-10	10.7	9.9	9.8
09	37 40.9	N	122 52.4	W	OVC	FG	<1	340	20	1016.7	5-6	315	9-10	9.5	10.0	9.8
10	37 46.3	N	122 59.0	W	OVC	FG	2	345	20	1016.4	5-6	315	8-10	9.3	10.2	10.0
11		N		W												
12	37 49.4	N	123 10.0	W	BKN	St	8	320	27	1015.9	5-6	315	8-10	9.4	11.0	10.6
13	37 44.2	N	123 21.3	W	SCT	St	10	330	25	1016.4	5-6	315	8-10	10.0	11.4	10.8
14	37 37.1	N	123 36.1	W	FEW	St	10	330	29	1015.7	5-6	315	8-10	10.5	12.1	11.2
15	37 35.0	N	123 38.9	W	FEW	St	10	325	30	1015.9	5-6	315	8-10	10.7	12.6	11.5
16	37 32.0	N	123 46.9	W	SCT	VC HZ	10	330	31	1015.4	5-6	315	8-10	11.1	12.7	11.4
17	37 25.8	N	124 00.5	W	OVC	FG	1-3	335	28	1015.6	5-6	330	6-8	11	12.1	11.7
18	37 19.8	N	124 13.6	W	OVC	FG+	<1	338	26	1015.8	5-6	320	8-10	10.9	12.1	11.9
19	OPS	N		W				308	25							
20	37 15.8	N	124 25.6	W	OVC	FG	<1	340	22	1015.7	5-6	320	8-10	11.3	12.2	12.1
21	37 11.0	N	124 33.9	W	OVC	FGRA	<1	335	28	1015.9	5-6	320	8-10	11.5	12.4	12.4
22	37 04.1	N	124 48.2	W	OVC	FGRA	<1	330	30	1016.5	5-6	320	8-10	11.9	12.5	12.4
23	36 57.9	N	125 00.7	W	OVC	FG	<1	335	29	1016.6	5-6	320	7-9	11.8	12.5	12.4
		N		W												

DECK LOG - WEATHER OBSERVATION SHEET

NOAA Ship: Bell M Shimada R-227										TIME ZONE (-7 or -8) -7		DAY OF WEEK Sunday		DATE (dd mmm yyyy) 23-Apr-2023		
HOURLY WX TIME	POSITION				SKY CONDITION	PRESENT WEATHER	VISIBILITY (nm)	WIND		SEA LEVEL Press. (mb)	SEA WAVE Height (ft)	SWELL WAVE		TEMPERATURE (C)		
	LATITUDE		LONGITUDE					Dir.	Speed			Dir.	Height	SEA WATER	DRY	WET
00	36 56.6	N	125 05.1	W	OVC	FG+	<1	331	23	1016.3	5-6	320	7-8	11.8	12.5	12.4
01	36 56.5	N	125 08.1	W	OVC	FG+	<1	330	25	1016.2	5-6	320	7-8	11.8	12.5	12.4
02	36 50.2	N	125 18.8	W	OVC	FG+	2	330	23	1016.1	5-6	320	7-8	12.4	12.7	12.6
03	36 43.9	N	125 31.1	W	OVC	FG	1	330	23	1015.8	4-5	320	7-8	12.4	12.4	12.3
04	36 37.7	N	125 44.2	W	OVC	FG	1-2	330	23	1015.9	3-5	320	5-7	12.5	12.1	12.1
05	36 36.3	N	125 46.6	W	OVC	FG	1-2	335	20	1016.5	3-5	320	5-6	12.0	11.8	11.7
06	36 36.9	N	125 46.8	W	BKN	FG	2-3	330	20	1016.5	3-4	320	5-6	12.2	11.5	11.4
07		N		W												
08		N		W												
09		N		W												
10		N		W												
11		N		W												
12		N		W												
13		N		W												
14		N		W												
15		N		W												
16		N		W												
17		N		W												
18		N		W												
19		N		W												
20		N		W												
21		N		W												
22		N		W												
23		N		W												
		N		W												