

**VANCOUVER BC to SHANGHAI** Forecast: (Departure - 01/14 18:00z)

SunRise: 08:04 SunSet: 16:38 (ST)

Route Recommendation: Direct to abeam Cape Flattery, RL - Unimak Pass, direct to west of Attu Island, RL - Erimo Point, direct through Tsugaru Kaikyo, direct through Korea Strait, then direct to Shanghai.

Forecast Period	Wind Dir	Wind Spd (Beaufort)	Swell Dir	Swell Hgt (Meters)	Per Vis (sec)(nm)	Sky Conditions / Advisory	Currents Dir From/Knots
DEPT-15/00Z	E-SE	3/LESS	W-NW	1.0/LESS	11 7	NONE Hazardous Seas ADVISORY	NW @ 0.1kts Air Temp 47°/8°
15/00Z-06Z	SW-S	3/LESS	W-NW	BUILD 1.0-3.0	11 7	NONE Hazardous Seas ADVISORY	WNW @ 0.1kts Air Temp 48°/9°
15/06Z-12Z	S-SW	4-5	WSW-WNW	3.0-4.0	10 6	NONE Hazardous Seas ADVISORY	SE @ 0.1kts Air Temp 48°/9°
15/12Z-18Z	SSW-WSW	4-5	WSW-WNW	3.5-4.5	11 3	NONE	SSW @ 1kts Air Temp 48°/9°
15/18Z-00Z	SSE-SSW	4-5	SW-W	3.5-4.5	10 1	ISOLATED SHWRS / PATCHY FOG	NW @ 0.4kts Air Temp 48°/9°
16/00Z-06Z	SSE-SSW	5-6 BRF 7	SW-W	3.0-4.0	10 <1	ISOLATED SHWRS / DENSE FOG	WSW @ 0.7kts Air Temp 48°/9°
16/06Z-12Z	SSE-SSW	6-7 BRF 8	SSW-WSW	3.0-4.0	09 1	PATCHY FOG	S @ 0.2kts Air Temp 48°/9°
16/12Z-18Z	SSE-SSW	6-7 BRF 8	S-SW	4.5-5.5	09 <1	DENSE FOG	S @ 0.9kts Air Temp 49°/9°
16/18Z-00Z	SE-S	6-7 BRF 8	S-SW	5.5-6.5	10 <1	ISOLATED SHWRS / DENSE FOG	SSW @ 0.3kts Air Temp 49°/9°
17/00Z-12Z	SE-S	7-8	S-SE	5.0-6.0	10 <1	SCATTERED SHWRS/SQUALLS / DENSE FOG	S @ 0.8kts Air Temp 45°/7°
17/12Z-00Z	VEER SE-S-SW	7-8	SE-S	5.0-6.5	11 3	ISOLATED SHWRS	WNW @ 0.6kts Air Temp 45°/7°
18/00Z-12Z	SSW-WSW	7-8 BRF 9	S-SE/MSW	5.5-6.5	11 4	SCATTERED SHWRS/SQUALLS	WSW @ 0.2kts Air Temp 36°/2°
18/12Z-00Z	SW-W	6-7	W-SW MIXED SE	LOWER 5.5-2.5	11 7	SCATTERED SHWRS/SQUALLS	NNW @ 0.3kts Air Temp 35°/2°
19/00Z-12Z	WSW-WNW	5-6	S-SE MIXED NW	2.0-3.0	10 7	ISOLATED SHWRS/SQUALLS	SSW @ 0.2kts Air Temp 31°/-1°
19/12Z-00Z	WSW-WNW	5-6	WNW-NNW	2.5-3.5	10 7	SCATTERED SHWRS/SQUALLS / Light Icing	NW @ 0.3kts Air Temp 28°/-2°

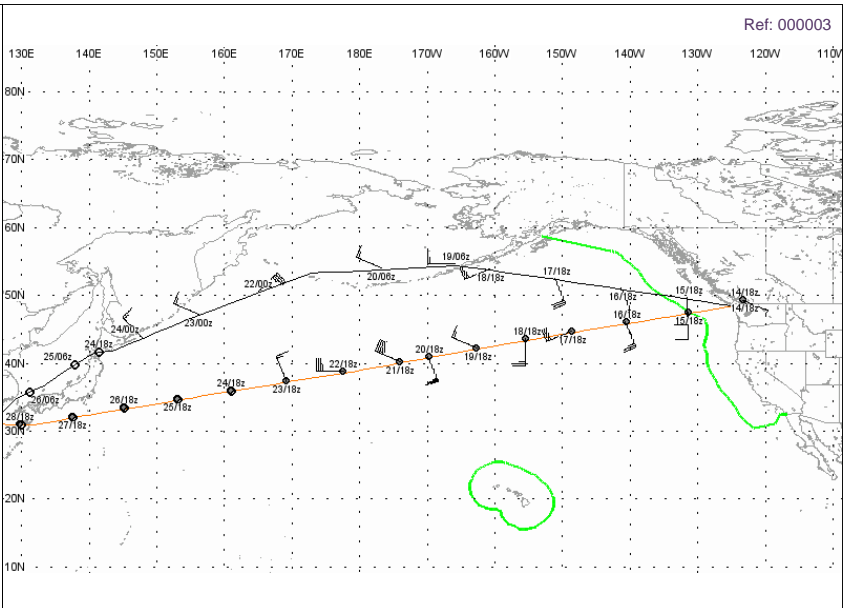
**Comments: \*Wind/Seas HIGHER in SQUALLS**

**Synopsis:** Good day. A **STORM** develops near 44N/163W at 16/06Z and will expand in size while moving NE'ward to near 48N/159W by 17/06Z. This **STORM** then weakens while moving NNE'ward to southwest of Kodiak Island through the 18th.

Another **STORM** develops near 41.5N/174E at 20/06Z and intensifies rapidly while tracking ENE'ward to approximately 43.5N/174W through 21/12Z.

**Route Reason:** Route keeps vessel north of active gale/storm pattern in the North Pacific.

**Heavy Weather/Tropical Concerns:** Monitoring heavy SE-S-SW winds on the 16th through the 18th and heavy swells on the 15th through the 18th.



Route Type	ATD / ETA	Dist	Hrs	Fuel	Spd Factor	Day3	Day5	Day7	All	Wind	Swell	ECA Hrs	Dist		
<b>Actual</b>	01/14 18:00	Total	5074	307.5	1140	Weather	-0.59	-1.41	-0.54	-0.82	Peak	47	6.5	33.8	563
<i>Black Line</i>	01/27 13:30	Remain	5074	307.5	1140	Current	-0.03	-0.08	-0.01	-0.03	Duration	54	78	LFO	125
<b>Comparison</b>	01/14 18:00	Total	5516	359.2	1332	Weather	-1.09	-3.47	-5.28	-3.04	Peak	55	15.1		
<i>Orange Line</i>	01/29 17:09	Remain	5516	359.2	1332	Current	-0.11	-0.27	-0.33	-0.28	Duration	36	161	LFO	