Planned Ship Route & Forecast

Saturday, 5/28  S6 Ops
Waves: NNW 9-15 ft
Winds: N 10-20 kts
Clouds: Broken low
Precip: Rain early, showers later

Monday, 5/23  transit to S4
Waves: N 7-12 ft
Winds: NW 15-25 kts, decreasing to 10-20 kts
Clouds: Broken low
Precip: None

Tuesday, 5/24  S4 Ops
Waves: NNE 5-7 ft
Winds: W 10-20 kts
Clouds: Scattered mid, broken high
Precip: None

Wednesday, 5/25  transit to S5
Waves: N bcmg W 5-7 ft
Winds: Light and variable
Clouds: Overcast low, scattered high
Precip: None

Friday, 5/27  transit to S6
Waves: E bcmg W 5-7 ft
Winds: SW bcmg NW 10-20 kts
Clouds: Overcast low, scattered mid, broken high
Precip: Rain

Thursday, 5/26  S5 Ops
Waves: E 4-5 ft
Winds: SW 5-15 kts
Clouds: Overcast low, broken mid/high
Precip: Rain showers
Forecast Summary

Day 1 (Monday) – May 23
Recommendation: Ship in transit to S4, Potential backward survey + ship work flight
St. John’s: Partly cloudy. High 62F. Winds SSW at 10 to 20 mph.

Day 2 (Tuesday) – May 24
Recommendation: Ship at S4, Potential ship work + forward survey flight
St. John’s: Partly cloudy. High 68F. Winds SW at 10 to 15 mph.

Day 3 (Wednesday) – May 25
Recommendation: Ship in transit to S5, Potential Fly Day (marine stratus ahead of next system)
St. John’s: Cloudy. High 66F. Winds SW at 10 to 20 mph.

Day 4 (Thursday) – May 26
Recommendation: Ship at S5, Not a great flight day

Day 5 (Friday) – May 27
Recommendation: Ship in transit to S6, Potential Fly Day (northern floats/drifters)
St. John’s: Decreasing cloudiness and windy. High 44F. Winds NNE at 20 to 30 mph.

Day 6 (Saturday) – May 28
Recommendation: Ship at S6, Potential fly day (broken low clouds ahead of next system)
St. John’s: Partly cloudy skies during the morning hours will give way to occasional showers in the afternoon. High 51F. Winds SW at 10 to 20 mph. Chance of rain 50%.

CALIPSO tracks through domain on 20th, 21st, 23rd, 25th, 27th, and 30th.
Monday Flight Plan

SLA Overlay

18z Cloud Overlay
Tuesday Flight Plan

SLA Overlay

18z Cloud Overlay
MODIS Aqua Chlorophyll

May 19-21, 2016

May 21, 2016

Chlorophyll a concentration (mg/m³)
MODIS Aqua Kd
May 21, 2016

Diffuse attenuation coefficient at 490 nm (m⁻¹)
North Atlantic Oscillation
Surface Analysis