

R/V Sikuliaq Sea State POD: 28 Oct 2015

Overview: ice station(s) in newly consolidated ice

Ice forecast: freezing

Wave forecast: n/a

Met forecast: 6-9 m/s E, cold (-16 C),

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	transiting from 72°26'N, 159°26'W to 73°14'N, 157°16'W	ice obs UCTD (hourly) radiosonde balloon (03:30) mobile LIDAR?	Clancy deKlerk Guest
04:00-08:00	"	ice obs UCTD (hourly)	Kohout Stammerjohn
08:00-12:00	searching for an ice station near 73°14'N, 157°16'W ** bow to wind **	ice obs UCTD (hourly) radiosonde balloon (09:30) AUV, LIDAR, UAS surveys	Holt Talbert Guest ice teams
12:00-16:00	ice station	ice obs UCTD (hourly) radiosonde balloon (15:30) AUV, LIDAR, UAS surveys IMB deployment drilling/coring	Shen Smitth Guest ice teams Maksym
16:00-20:00	ice station	ice obs UCTD (hourly) AUV, LIDAR, UAS surveys PLANNING MTG (20:00)	Rogers deKlerk ice teams ALL
20:00-00:00	flux station nearby (or same station)	ice obs UCTD (hourly) radiosonde balloon (21:30)	Lund Stammerjohn Guest

Notes:

1. Need to conduct a radiometer calibration (spin ship 360°) the next time we have clear and sunny conditions.
2. Still have 1 IMB and 1 SVP to deploy.
3. Mobile LIDAR during transit?

R/V Sikuliaq Sea State POD: 29 Oct 2015 (day+1)

Overview: ice station(s) in newly consolidated ice

Ice forecast: freezing

Wave forecast: n/a

Met forecast: 6-9 m/s E, cold (-16 C),

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	ice/flux station	ice obs UCTD (hourly) radiosonde balloon (03:30)	Clancy Talbert Guest
04:00-08:00	transit southwest	ice obs UCTD (hourly)	Kohout Smith
08:00-12:00	searching for another ice station near 73°00'N, 157°45'W	ice obs UCTD (hourly) radiosonde balloon (09:30) AUV, LIDAR, UAS surveys	Rogers deKlerk Guest ice teams
12:00-16:00	ice station	ice obs UCTD (hourly) radiosonde balloon (15:30) AUV, LIDAR, UAS surveys	Shen Stammerjohn Guest ice teams
16:00-20:00	ice station	ice obs UCTD (hourly) AUV, LIDAR, UAS surveys PLANNING MTG (20:00)	Holt Talbert ice teams ALL
20:00-00:00	flux station nearby (or same station)	ice obs UCTD (hourly) radiosonde balloon (21:30)	Lund Smith Guest

Notes:

R/V Sikuliaq Sea State POD: 30 Oct 2015 (day+2)

Overview: ice station(s) in newly consolidated ice

Ice forecast: freezing

Wave forecast: n/a

Met forecast: 6-9 m/s E, cold (-16 C),

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	ice/flux station	ice obs UCTD (hourly) radiosonde balloon (03:30)	Clancy deKlerk Guest
04:00-08:00	transit southwest	ice obs UCTD (hourly)	Kohout Stammerjohn
08:00-12:00	searching for another ice station near 73°00'N, 157°45'W	ice obs UCTD (hourly) radiosonde balloon (09:30) AUV, LIDAR, UAS surveys	Holt Thomson Guest ice teams
12:00-16:00	ice station	ice obs UCTD (hourly) radiosonde balloon (15:30) AUV, LIDAR, UAS surveys	Shen Smith Guest ice teams
16:00-20:00	ice station	ice obs UCTD (hourly) AUV, LIDAR, UAS surveys PLANNING MTG (20:00)	Rogers deKlerk ice teams ALL
20:00-00:00	flux station nearby (or same station) , then transit back to ice edge	ice obs UCTD (hourly) radiosonde balloon (21:30)	Lund Stammerjohn Guest

Notes: Default plan is to go back to the ice edge for additional “race track” flux surveys (same six waypoints) and for additional wave measurements (including southerlies winds forecast for 1 Nov) in the vicinity of 72°30'N, 159°15'W. The final set of wave measurements will focus on a tight array (all buoys within 1 km).