

## R/V Sikuliaq Sea State POD: 20 Oct 2015

Overview: continue ice station #6, plus another short ice station

Ice forecast: rubble and new floes

Wave forecast: none

Met forecast: light winds, cold (-18 C)

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	ice station #6 74°41.4'N, 163° 7.8' W	ice obs UCTD (hourly) radiosonde balloon (03:30) finishing AUV survey	Kohout deKlerk Guest Maksym
04:00-08:00	"	ice obs UCTD (hourly)	Holt Stammerjohn
08:00-12:00	"	ice obs / bear watch UCTD (hourly) radiosonde balloon (09:30) sonic anemometer replacement (foremast) IMB or SVP deployment & LBL recovery hand-held EMI calibration Ice CTD	Clancy Falbert Guest Blomquist Maksym Weissling Smith & Thomson
12:00-16:00	Get underway, 10 nm to next station	ice obs UCTD (hourly) radiosonde balloon (15:30)	Shen Smith Guest
16:00-20:00	Short ice station (man-basket)	ice obs UCTD (hourly) drill/core ROV? LIDAR survey PLANNING MTG (20:00)	Lund deKlerk Maksym ALL
20:00-00:00	begin transit to 74°13'N, 161°20' W to start eastward survey along 74°13'N	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane) call w/ NRL aerial (21:00)	Rogers Stammerjohn Guest Weissling Thomson

### Notes:

1. Layover day for NRL aircraft.
- 2.
3. Next ice station(s) may be in immediate vicinity, or farther east back by station #4 (repeat of that station). Decision to move or stay in this region will be made by 14:00 today.
4. Ship might conduct a power test against a large ice floe, if sufficient one is found.

R/V Sikuliaq Sea State POD: 21 Oct 2015 (day+1)

Overview: repeat ice station at “mixed nuts”

Ice forecast: big floes

Wave forecast: none

Met forecast: light winds, cold (-18 C)

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	eastward survey along 74°13'N	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Holt Talbert Guest Weissling
04:00-08:00	“	ice obs UCTD (hourly) SIMS (port crane)	Clancy Smith Weissling Ackley & Thomson
08:00-12:00	“	ice obs UCTD (hourly) radiosonde balloon (09:30)	Lund deKlerk Guest Maksym & Weissling
12:00-16:00	repeat ice station at “mixed nuts”, which is now near 74° 13.2' N, 158° 50' W	ice obs UCTD (hourly) radiosonde balloon (15:30) set up for surveys: LBL and LIDAR targets UAS surey	Shen Stammerjohn Guest Maksym & Weissling  Williams
16:00-20:00	“	ice obs UCTD (hourly) AUV & LIDAR surveys  PLANNING MTG (20:00)	Rogers Talbert Maksym & Weissling  ALL
20:00-00:00	“	ice obs UCTD (hourly) radiosonde balloon (21:30) AUV survey continues call w/ NRL aerial (21:00)	Kohout Smith Guest Maksym Thomson

Notes:

Request NRL aircraft fly L-band SAR line from  
74° 13' N, 161° 00' W to 74° 13.2' N, 158° 50' W,  
with SAR and make LIDAR passes over ship at eastern end of line. Then survey  
southwards along 158° 50' W as time and fuel allow.

R/V Sikuliaq Sea State POD: 22 Oct 2015 (day+2)

Overview: ice station at “mixed nuts” (repeat)

Ice forecast: old ridges and new ice

Wave forecast: building in open water

Met forecast: easterlies building, temps increasing (> - 10 C)

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	repeat ice station at “mixed nuts”, which is now near 74° 13.2' N, 158° 50' W	ice obs UCTD (hourly) radiosonde balloon (03:30) finish AUV survey	Clancy deKlerk Guest
04:00-08:00	“	ice obs UCTD (hourly)	Lund Stammerjohn
08:00-12:00	“	ice obs UCTD (hourly) radiosonde balloon (09:30) recover LBLs deploy IMB/SVP	Rogers Talbert Guest Maksym Maksym
12:00-16:00	quick ice station nearby	ice obs UCTD (hourly) radiosonde balloon (15:30)	Shen Smith Guest
16:00-20:00	“	ice obs UCTD (hourly)  PLANNING MTG (20:00)	Kohout deKlerk  ALL
20:00-00:00	survey southwards to ice edge by the AWAC mooring	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane) call w/ NRL aerial (21:00)	Holt Stammerjohn Guest Weissling Thomson

Notes:

1. Next days (23-24-25 Oct) will be spent along the ice edge by the AWAC mooring site, measuring easterlies winds and waves (along-ice at 10 m/s and 2 m, respectively), while NRL aircraft conducts LIDAR surveys.