

R/V Sikuliaq Sea State POD: 19 Oct 2015 (day)

Overview: setting up ice station #6 "Big Ben"

Ice forecast: big floes

Wave forecast: none

Met forecast: light N-NW winds

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	finish flux line at 74°38'N, 163° 11' W	ice obs UCTD (continuous) radiosonde balloon (03:30) SIMS (port crane) ** calibration? **	Rogers Clancy Talbert Guest Weissling
04:00-08:00	search for floe to conduct large ice station (05:00)	ice obs UCTD (continuous) SIMS (port crane) ** calibration? ** parking search	Kohout Smith Weissling Weissling Thomson & Ackley
08:00-12:00	large floe near 74°38'N, 163° 11' W (port side tie)	ice obs UCTD (hourly) radiosonde balloon (09:30) set up ice station set LBLs	Holt deKlerk Guest Ship's crew Maksym & Williams
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) LIDAR targets UAS survey castaway and LADCP	Shen Stammerjohn Thomson Guest Weissling Williams Thomson & Smith
16:00-20:00	"	ice obs UCTD (hourly) LIDAR survey AUV survey PLANNING MTG (20:00)	Clancy Rogers Talbert Weissling Maksym & Anderson ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) AUV survey call w/ NRL aerial (21:00)	Lund Smith Guest Maksym & Anderson Thomson

Notes:

1. Lay over day for joint operations with NRL aircraft.

R/V Sikuliaq Sea State POD: 20 Oct 2015 (day+1)

Overview: continue ice station #6 "Big Ben" and/or another ice station?

Ice forecast: big floes

Wave forecast: none

Met forecast: light winds

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	large floe near 74°38'N, 163° 11' W (port side tie)	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 -Thomson
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30) drilling and coring IMB deployment	Clancy Talbert Guest ice teams Maksym
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30)	Shen Smith Guest
16:00-20:00	"	ice obs UCTD (hourly) SIMS calibration? ** ship power test** PLANNING MTG (20:00)	Lund deKlerk Weissling ALL
20:00-00:00	begin transit to 74°10'N, 161°20' W to start eastward survey along 74°10'N	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane) call w/ NRL aerial (21:00)	Rogers Stammerjohn Guest Weissling Thomson

Notes:

- Request NRL fly out (230 nm) to conduct quick SAR + LIDAR survey over ice station, understanding that time on site will be limited by the long transit. Also request a LIDAR pass over the AWAC mooring at 72°38'N, 159° 02' W, which will match a TerraSAR-X stripmap order (with wave retrieval).

R/V Sikuliaq Sea State POD: 21 Oct 2015 (day+2)

Overview: ice station of opportunity along eastward survey line

Ice forecast: big floes

Wave forecast: none

Met forecast: light winds

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	eastward survey along 74°10'N	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Holt Talbert Guest Weissling
04:00-08:00	find area for ice station	ice obs UCTD (hourly) SIMS (port crane)	Clancy Smith Weissling
08:00-12:00	ice station near 74°10'N, 161°20' W	ice obs UCTD (hourly) radiosonde balloon (09:30) set up for surveys: LBL and LIDAR targets	Lund deKlerk Guest Maksym & Weissling
12:00-16:00	“	ice obs UCTD (hourly) radiosonde balloon (15:30) AUV & LIDAR surveys	Shen Stammerjohn Guest Maksym & Weissling
16:00-20:00	“	ice obs UCTD (hourly) AUV & LIDAR surveys PLANNING MTG (20:00)	Rogers Talbert Maksym & Weissling ALL
20:00-00:00	continue eastward survey along 74°10'N	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane) call w/ NRL aerial (21:00)	Kohout Smith Guest Weissling Thomson

Notes:

3. Medium-range plan is to conduct a repeat ice station at “mixed nuts” (74°10'N, 157°40' W) on Thurs 22 Oct, then transit south towards Barrow to reach the southern ice edge near the AWAC.