

R/V Sikuliaq Sea State POD: 4 Oct 2015 (day)

Overview: ice edge stations, then ice transit

Ice forecast: new ice formation likely

Wave forecast: still boring

Met forecast: moderate north winds (off ice directed)

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	Arrive ice edge, approx: 74°30'N 161°24'W	ice obs UCTD (hourly) radiosonde balloon (03:30) hold station (head to wind) and deploy 3 SWIFTs <ul style="list-style-type: none"> • 60 min out of ice • 60 min at edge • 60 inside edge 	n/a Talbert/Clancy Guest Blomquist Thomson
04:00-08:00	ice edge stations	ice obs UCTD (stations) hold station (head to wind) near SWIFT buoys	Ackley/Clancy/Doble Stammerjohn/Smith
08:00-12:00	finish edge stations, head into ice after SWIFT recoveries	ice obs UCTD (hourly) radiosonde balloon (09:30) recover SWIFTs (08:00)	Stammerjohn/Smith de Klerk, Kohout Guest Thomson
12:00-16:00	transit north towards big floes at 76 N, 158 W	ice obs UCTD (hourly) radiosonde balloon (15:30) pause transit to ballast AUV & test ROV (stb crane), then try SIMS (prt crane)	Wadhams/Shen/Maki Talbert, Rogers Guest Maksym et al Ackely et al
16:00-20:00	continue transit thru ice	ice obs UCTD (hourly) SIMS (port crane) PLANNING MTG (18:15)	Makysm/Rogers/ Ziegenhalls Stammerjohn, Smith Ackely et al ALL
20:00-00:00	continue transit thru ice	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane)	Williams/Kohout de Klerk, Lund Guest Ackely et al

Notes:

1. Bridge please wake Thomson upon arriving ice edge (call 225).
2. This begins the ice observer watch. After 3 days, will switch to single observers and rotate the night watch.

R/V Sikuliaq Sea State POD: 5 Oct 2015 (day + 1)

Overview: ice transit looking opportunistically for floes to conduct ice station

Ice forecast: new ice filling in between floes

Wave forecast: negligible

Met forecast: winds building from the east

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	in transit thru ice floes	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Bjorn/Holt Talbert/Clancy Guest Ackely et al
04:00-08:00	Arrive large floes around 76 N, 158 W	ice obs UCTD (hourly) SIMS (port crane)	Ackley/Clancy/Doble Stammerjohn/Smith Ackely et al
08:00-12:00	“	ice obs UCTD (hourly) radiosonde balloon (09:30) SIMS (port crane) survey around for large floes	Stammerjohn/Smith de Klerk, Kohout Guest Ackely et al
12:00-16:00	“	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) set up for ice station (port-side tie to floe overnight)?	Wadhams/Shen/Maki Talbert, Rogers Guest Ackely et al
16:00-20:00	“	ice obs UCTD (hourly) SIMS (port crane) PLANNING MTG (18:15)	Makysm/Rogers/ Ziegenhalls Stammerjohn, Smith Ackely et al ALL
20:00-00:00	“	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane)	Williams/Kohout de Klerk, Lund Guest Ackely et al

Notes:

1. Observers on the bridge will look for large floes suitable for ice stations. Goal is to work in an area with several, such that an array can be deployed.
2. Use UAS (quadcopter) to scout ahead of ship?

R/V Sikuliaq Sea State POD: 6 Oct 2015 (day + 2)

Overview: ice station

Ice forecast: new ice filling in between floes

Wave forecast: negligible

Met forecast: continued easterly winds, as part of a persistent high (that may give strong easterlies for several days).

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	tied to flow at approx 76 N, 158 W	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Bjorn/Holt Talbert/Clancy Guest Ackely et al
04:00-08:00	“	ice obs UCTD (hourly) SIMS (port crane)	Ackley/Clancy/Doble Stammerjohn/Smith Ackely et al
08:00-12:00	“	ice obs UCTD (hourly) radiosonde balloon (09:30) SIMS (port crane) AUV survey?	Stammerjohn/Smith de Klerk, Kohout Guest Ackely et al Maksym et al
12:00-16:00	“	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) Ice buoy deployments, coring, etc	Wadhams/Shen/Maki Talbert, Rogers Guest Ackely et al
16:00-20:00	“	ice obs UCTD (hourly) SIMS (port crane) ice station other?? PLANNING MTG (18:15)	Makysm/Rogers/ Ziegenhalls Stammerjohn, Smith Ackely et al ALL
20:00-00:00	“	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane)	Williams/Kohout de Klerk, Lund Guest Ackely et al

Notes:

1. UAVSAR flight out Fairbanks departing at 09:00 local. ETA at ship would be 10:30. Need VHF channel to communicate directly with ship.
2. Long term plan (+3, +4, +5, +6 days) is aim for the east facing ice edge around **76 N, 154 W** in hopes of catching strong easterly winds and on-ice waves.