

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

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	"	ice obs UCTD (hourly) SIMS (port crane) evaluate progress, reassess target if need be (08:00)	Ackley/Clancy/Doble Stammerjohn/Smith Ackley et al Thomson & Ackley
08:00-12:00	Arrive large floes around 76 N, 158 W	ice obs UCTD (hourly) radiosonde balloon (09:30) SIMS (port crane) survey around for large floes	Stammerjohn/Smith de Klerk, Kohout Guest Ackley 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 over night)? Deploy SWIFTs, if enough open water	Wadhams/Shen/Maki Talbert, Rogers Guest Ackley et al Thomson
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.
Need 400 x 400 m outer work zone, with 100 x 100 nest survey zone.
2. Use UAS (quadcopter) to scout ahead of ship?

R/V Sikuliaq Sea State POD: 6 Oct 2015 (day + 1)

Overview: ice station #1

Ice forecast: new ice filling in between floes

Wave forecast: negligible

Met forecast: continued easterly winds, as part of a persistent high.

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) set up LBL and LIDAR targets on ice (400 m) UAS survey	Stammerjohn/Smith de Klerk, Kohout Guest Ackely et al Anderson, Weissling
12:00-16:00	“	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) AUV survey LIDAR scans walking surveyers ice coring	Wadhams/Shen/Maki Talbert, Rogers Guest Ackely et al Maksym et al Ackely et al
16:00-20:00	“	ice obs UCTD (hourly) SIMS (port crane) Ice mass balance buoy deployments PLANNING MTG (18:15)	Makysm/Rogers/ Ziegenhalls Stammerjohn, Smith Ackely et al Maksym et al ALL
20:00-00:00	shift to a different floe? (~ 20 km separation)	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.

R/V Sikuliaq Sea State POD: 7 Oct 2015 (day + 2)

Overview: next ice station (#2), unless forecast changes

Ice forecast: new ice filling in between floes

Wave forecast: negligible

Met forecast: continued easterly winds, as part of a persistent high

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) set up LBL and LIDAR targets on ice (400 m) UAS survey	Stammerjohn/Smith de Klerk, Kohout Guest Ackely et al Anderson, Weissling
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) AUV survey LIDAR scans walking surveyys ice coring	Wadhams/Shen/Maki Talbert, Rogers Guest Ackely et al Maksym et al Ackely et al
16:00-20:00	"	ice obs UCTD (hourly) SIMS (port crane) Ice mass balance buoy deployments Recover SWIFTs from previous day PLANNING MTG (18:15)	Makysm/Rogers/ Ziegenhalls Stammerjohn, Smith Ackely et al Maksym et al ALL
20:00-00:00	begin transit to ice edge 76 N, 154 W	ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane)	Williams/Kohout de Klerk, Lund Guest Ackely et al

Notes:

1. Next phase is to arrive at the east facing ice edge around **76 N, 154 W** to survey and deploy ahead of strong easterly winds and on-ice waves during possible event Friday-Sat-Sun, 9-10-11 Oct 2015