R/V Sikuliaq Sea State POD: 6 Oct 2015

Overview: ice station #1
Ice forecast: new ice filling in between floes
Wave forecast: negligible
Met forecast: cold and dry, persistent high pressure over the area.

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	searching for a floe to conduct ice station	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Holt Thomson Guest Weissling
04:00-08:00	"	ice obs UCTD (hourly) SIMS (port crane)	Clancy Talbert Weissling
08:00–12:00	tied to flow at approx **75 27.862'** **155 53.074'**	ice obs UCTD (hourly) radiosonde balloon (09:30) SIMS (port crane) set up LBL and LIDAR targets on ice (400 m) UAS survey	Lund Smith Guest Weissling Anderson, Weissling
12:00–16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) AUV survey LIDAR scans walking surverys ice coring	Shen de Klerk Guest Weissling 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)	Rogers Stammerjohn Weissling 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)	Kohout Talbert Guest Weissling

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. New rotation for UCTD and ice obs. UCTD operators will be: Talbert, Smith, deKlerk, Stammerjohn (then repeat), such that watches progress 4 hours everyday. Ice observers will be Holt, Clancy, Lund, Shen, Rogers, Kohout, who serve one 4-hr watch daily and rotate times (except Shen, who will continue to have 12-16 for reporting to NIC). Thomson replaces if ice stations or buoy work conflicts. Ice observer acts as second UCTD person, for safety on deck.

R/V Sikuliaq Sea State POD: 7 Oct 2015 (day + 1)

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 **75 27.862' 155 53.074'**	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Clancy Smith Guest Weissling
04:00-08:00	"	ice obs UCTD (hourly) SIMS (port crane)	Lund deKlerk Weissling
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	Rogers Stammerjohn Guest Weissling Anderson, Weissling
12:00–16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane) AUV survey LIDAR scans walking surverys ice coring	Shen Talbert Guest Weissling 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)	Kohout Smith Weissling Maksym et al Thomson 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)	Holt de Klerk Guest Weissling

Notes:

1. Multiple stations possible, using quick man-basket teams of 2 or 3.

R/V Sikuliaq Sea State POD: 8 Oct 2015 (day + 2)

Overview: in transit to east facing ice edge around **76 N, 154 W**

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	in transit	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Lund Stammerjohn Guest Weissling
04:00-08:00	"	ice obs UCTD (hourly) SIMS (port crane)	Rogers Talbert Weissling
08:00–12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30) SIMS (port crane)	Kohout Smith Guest Weissling
12:00–16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) SIMS (port crane)	Shen deKlerk Guest Weissling
16:00-20:00	"	ice obs UCTD (hourly) SIMS (port crane) PLANNING MTG (18:15)	Holt Stammerjohn Ackely et al Maksym et al ALL
20:00-00:00		ice obs UCTD (hourly) radiosonde balloon (21:30) SIMS (port crane)	Clancy Talbert Guest Ackely et al

Notes:

1. Upon arriving at the ice edge, goal is to survey the ice and deploy an array of buoys ahead of a modest wave event from easterly winds.