

R/V Sikuliaq Sea State POD: 3 Nov 2015

Overview: counter-clockwise race track, then survey during initial transit

Ice forecast: refreezing pancakes, rapid ice drift

Wave forecast: up to 1 m from SE (off-ice)

Met forecast: 20-30 knts E

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	CCW race track & flux stations (hr each) #2: 72°35'N, 159°08'W #3: 72°26'N, 159°26'W	ice obs UCTD (transit/staggered) radiosonde balloon (03:30)	Clancy deKlerk Guest
04:00-08:00	#4: 72°20'N, 158°59'W	ice obs UCTD (transit/staggered)	Kohout Stammerjohn
08:00-12:00	#5: 72°29'N, 158°41'W	ice obs UCTD (transit/staggered) radiosonde balloon (09:30)	Holt Talbert Guest
12:00-16:00	#6: 72°36'N, 158°26'W and ROV station of opportunity	ice obs UCTD (transit/staggered) radiosonde balloon (15:30) ROV LIDAR	Shen Smith Guest Maksym Weissling
16:00-20:00	#1: 72°42'N, 158°53'W (at 19:26 local time for TSX overpass)	ice obs UCTD (transit/staggered) stereo video? deploy + recover SWIFT? (station only) PLANNING MTG (20:00)	Rogers deKlerk Smith Thomson ALL
20:00-00:00	#2: 72°35'N, 159°08'W #3: 72°26'N, 159°26'W	ice obs UCTD (transit/staggered) radiosonde balloon (21:30)	Lund Stammerjohns Guest Thomson

Notes:

1. Still need to calibrate radiometers on a clear day.
2. Transit speed are 3.5 knts in ice (or staggered), 7 knts in open water

R/V Sikuliaq Sea State POD: 4 Nov 2015 (day+1)

Overview: transit south, underway CTD until 71°00'N

Ice forecast: refreezing pancakes?

Wave forecast: up to 1 m from SE (off-ice)

Met forecast: dying winds, warmer air temps

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	bonus flux stations at 72°19'N, 159°44'W and 72°10'N, 160°00'W	ice obs UCTD (transit/staggered) radiosonde balloon (03:30)	Clancy Talbert Guest
04:00-08:00	transit southwest from race track on bearing 215° T, continuing UCTD until 71°00'N,	ice obs UCTD (30/30)	Kohout Smith
08:00-12:00	“	ice obs UCTD (30/30) radiosonde balloon (09:30)	Rogers deKlerk Guest
12:00-16:00	“	ice obs UCTD (30/30) radiosonde balloon (15:30)	Shen Stammerjohn Guest
16:00-20:00	transit	SCIENCE MTG (18:15)	ALL
20:00-00:00	“		

Notes:

1. This is the final day of operations. Underway CTD and ice obs will continue in transit until crossing below 71°00'N, such that the tongue of ice west of Barrow is sampled.
2. Evening science meetings onboard the ship will continue thru the transit, for discussion of the observations and drafting the cruise report.