

R/V Sikuliaq Sea State POD: 1 Nov 2015

Overview: partial race track fluxes and wave measurements

Ice forecast: refreezing pancakes?

Wave forecast: W-SW swell propagating into the ice

Met forecast: 20-25 knts SE, becoming E

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	repeat partial race track & flux stations (hr each) #1: 72°42'N, 158°53'W #2: 72°35'N, 159°08'W #3: 72°26'N, 159°26'W	ice obs UCTD (transit) radiosonde balloon (03:30)	Clancy deKlerk Guest Weissling
04:00-08:00	“	ice obs UCTD (transit)	Kohout Stammerjohn
08:00-12:00	“	ice obs UCTD (transit) radiosonde balloon (09:30) tending buoys (as needed) pack AUV	Holt Talbert Guest wave teams Maksym et al
12:00-16:00	back at #1: 72°42'N, 158°53'W	ice obs UCTD (transit) radiosonde balloon (15:30) stereo video ROV survey at point #1	Shen Smith Guest Smith Maksym
16:00-20:00	“	ice obs UCTD (transit) stereo video underway LIDAR PLANNING MTG (20:00)	Rogers deKlerk Smith Weissling ALL
20:00-00:00	“	ice obs UCTD (transit) radiosonde balloon (21:30) tending buoys (as needed)	Lund Stammerjohn Guest wave teams

Notes:

1. Still need to calibrate radiometers on a clear day.
2. Consider adding leg #3-4 on one of the laps

R/V Sikuliaq Sea State POD: 2 Nov 2015 (day+1)

Overview: partial race track fluxes and wave measurements

Ice forecast: refreezing pancakes?

Wave forecast: up to 2 m from SE (off-ice)

Met forecast: 15-25 knts E-SE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	partial race track & flux stations (hr each) #1: 72°42'N, 158°53'W #2: 72°35'N, 159°08'W #3: 72°26'N, 159°26'W	ice obs UCTD (transit) radiosonde balloon (03:30) tending buoys	Clancy Talbert Guest wave teams
04:00-08:00	“	ice obs UCTD (transit) tending buoys	Kohout Smith wave teams
08:00-12:00	“	ice obs UCTD (transit) radiosonde balloon (09:30) tending buoys	Rogers deKlerk Guest wave teams
12:00-16:00	Extend line out to 72°10'N, 160°00'W (match TSX order)	ice obs UCTD (transit) radiosonde balloon (15:30) stereo video Deploy extra SWIFTs	Shen Stammerjohn Guest Smith Thomson
16:00-20:00	“	ice obs UCTD (transit) stereo video mobile LIDAR? PLANNING MTG (20:00)	Holt Talbert Smith Weissling ALL
20:00-00:00	“	ice obs UCTD (transit) radiosonde balloon (21:30) recovering buoys	Lund Smith Guest wave teams

Notes:

R/V Sikuliaq Sea State POD: 3 Nov 2015 (day+2)

Overview: partial race track fluxes and wave measurements

Ice forecast: refreezing pancakes?

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

Met forecast: 15-20 knts E-SE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	partial race track & flux stations (hr each) #1: 72°42'N, 158°53'W #2: 72°35'N, 159°08'W #3: 72°26'N, 159°26'W	ice obs UCTD (transit) radiosonde balloon (03:30) recover buoys	Clancy deKlerk Guest wave teams
04:00-08:00	"	ice obs UCTD (transit) recover buoys	Kohout Stammerjohn wave teams
08:00-12:00	"	ice obs UCTD (transit) radiosonde balloon (09:30) recover buoys	Holt Talbert Guest wave teams
12:00-16:00	"	ice obs UCTD (transit) radiosonde balloon (15:30) stereo video ROV?	Shen Smith Guest Smith Maksym
16:00-20:00	"	ice obs UCTD (transit) stereo video mobile LIDAR? PLANNING MTG (20:00)	Rogers deKlerk Smith Weissling ALL
20:00-00:00	transit southwest from race track on bearing 215° T, continuing UCTD until 71°00'N,	ice obs UCTD (continuous) radiosonde balloon (21:30)	Lund Stammerjohns Guest

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.