

R/V Sikuliaq Sea State POD: 24 Oct 2015

Overview: AWAC mooring recovery, buoy recoveries

Ice forecast: pancakes and broken nilas

Wave forecast: 1 m from ESE

Met forecast: 8-10 m/s ESE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	flux stations (1 hr head to wind) at 72°10'N, 160° 00' W and then 72°19'N, 159° 45' W	ice obs UCTD (tow-yo in transit between stations) radiosonde balloon (03:30) waverider on tether	Clancy deKlerk Guest deKlerk
04:00-08:00	flux stations (1 hr head to wind) at 72°25'N, 159° 30' W and then 72°32'N, 159° 13' W	ice obs UCTD (tow-yo in transit between stations) waverider on tether	Clancy/Thomson Stammerjohn deKlerk
08:00-12:00	recover AWAC mooring from 72°38.220'N, 159° 00.674' W	ice obs UCTD (hourly) radiosonde balloon (09:30) Chase WB#2?? mooring recovery (10:00)	Holt Talbert Guest Doble Thomson et al
12:00-16:00	Recover buoys with flux stations (1 hr) at each recovery, start to northeast (buoys in ice)	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams radiometer calibration: spin ship 360 deg over 20 minutes (14:00)	Shen Smith Guest Smith Persson & Blomquist
16:00-20:00	"	ice obs UCTD (hourly) stereo cams buoy recoveries PLANNING MTG (20:00)	Kohout deKlerk Smith wave teams ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy recoveries	Lund Stammerjohn Guest wave teams

Notes:

1. Request that NRL aircraft resurvey the LIDAR lines from the previous day and then conduct a SAR survey along 159°W from 72°00'N to 74°00'N. Crossing SAR paths.

R/V Sikuliaq Sea State POD: 25 Oct 2015 (day+1)

Overview: continue buoy recoveries

Ice forecast: new ice at edge

Wave forecast: becoming calm

Met forecast: becoming calm

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	Recover buoys with flux stations (1 hr) at each recovery	ice obs UCTD (hourly) radiosonde balloon (03:30) buoy recoveries/tending	Clancy Talbert Guest wave teams
04:00-08:00	"	ice obs UCTD (hourly) buoy recoveries/tending	Holt Stammerjohn
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30) buoy recoveries/tending	Kohout deKlerk Guest
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams buoy recoveries/tending	Shen Stammerjohn Guest Smith
16:00-20:00	recovering last buoys (off ice, southwest-most buoys last)	ice obs UCTD (hourly) stereo cams buoy recoveries/tending PLANNING MTG (20:00)	Lund Talbert Smith ALL
20:00-00:00	transit northwards for ice station along 159° W, up to 73°12'N (max)	ice obs UCTD (hourly) radiosonde balloon (21:30)	Rogers Smith Guest

Notes:

R/V Sikuliaq Sea State POD: 26 Oct 2015 (day+2)

Overview: ice station—consolidated pancakes

Ice forecast: adolescent pancakes, freezing

Wave forecast: calm

Met forecast: 6-9 m/s N, cold,

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	transit	ice obs UCTD (hourly) radiosonde balloon (03:30)	Clancy deKlerk Guest
04:00-08:00	ice station near 73°12'N, 159° 00' W	ice obs UCTD (hourly)	Holt Smith
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30) AUV + UAS survey	Kohout Talbert Guest Maksym et al
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30) AUV + UAS survey	Shen Smith Guest Maksym et al
16:00-20:00	"	ice obs UCTD (hourly) Ice sampling PLANNING MTG (20:00)	Lund deKlerk ice team ALL
20:00-00:00	transit southwards, flux stations in ice	ice obs UCTD (hourly) radiosonde balloon (21:30)	Rogers Stammerjohn Guest

Notes: Long-term plan is to conduct several days of AUV missions (day) and flux stations (night) in the ice along 159° 00' W between 73°12'N and 72°38'N. We will start to the north and eventually come back to the ice edge for more sampling there (with potential wave event forecasted for 30-31 Oct).