

R/V Sikuliaq Sea State POD: 22 Oct 2015 (day)

Overview: ice station #9 (ocean heat buoy deployment) and transit south to ice edge

Ice forecast: old ridges and new ice

Wave forecast: building in open water

Met forecast: easterlies building, temps increasing (> - 10 C)

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	in transit eastward along 74°12'N (5 knts max)	ice obs UCTD (hourly) radiosonde balloon (03:30) SIMS (port crane)	Clancy deKlerk Guest Weissling
04:00-08:00	turn southward at 159° 00' W (5 knts max)	ice obs UCTD (hourly) SIMS (port crane)	Lund Stammerjohn Weissling
08:00-12:00	searching for ice station along 159° 00' W	ice obs UCTD (hourly) radiosonde balloon (09:30)	Rogers Talbert Guest
12:00-16:00	ice station #9	ice obs UCTD (hourly) radiosonde balloon (15:30) deploy IMB /OHB drilling and coring recover SIMS	Shen Smith Guest Maksym Stammerjohn Weissling
16:00-20:00	begin transit towards AWAC mooring (south along 159° 00' W) no speed limit	ice obs UCTD (hourly)  PLANNING MTG (20:00)	Kohout deKlerk  ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) call w/ NRL aerial (21:00)	Holt Stammerjohn Guest Thomson

Notes:

1. Need to finish IMB/OHB by 16:00 to get underway for southern ice edge in time to meet NRL aircraft for wave/ice edge measurements tomorrow.

R/V Sikuliaq Sea State POD: 23 Oct 2015 (day+1)

Overview: buoys and flux stations at southern ice edge, NRL flight

Ice forecast: new ice at edge

Wave forecast: 2 m from ESE

Met forecast: 10 m/s ESE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	southward transit to AWAC mooring 72°38'N, 159° 00' W (no speed limit)	ice obs UCTD (hourly) radiosonde balloon (03:30)	Lund Talbert Guest
04:00-08:00	arriving at 72°47'N, 158°43'W	ice obs UCTD (hourly)	Rogers Smith
08:00-12:00	Deploying buoys along line from 72°47'N, 158°43'W 72°31'N, 159°16'W	ice obs UCTD (hourly) radiosonde balloon (09:30) buoy deployments	Kohout deKlerk Guest wave teams
12:00-16:00	flux station (head to wind) at AWAC mooring 72°38'N, 159° 00' W	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams	Shen Stammerjohn Guest Smith
16:00-20:00	“	ice obs UCTD (hourly) stereo cams  PLANNING MTG (20:00)	Holt Talbert Smith  ALL
20:00-00:00	Tending buoys along line from 72°47'N, 158°43'W 72°31'N, 159°16'W	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy tending call w/ NRL aerial (21:00)	Clancy Smith Guest wave teams Thomson

Notes:

1. Request NRL aircraft conducts LIDAR survey centered along line from 72°47'N, 158°43'W to 72°31'N, 159°16'W. Supplemental SAR passes also welcome.
2. TerraSAR-X acquisition is planned as: SM VV 2015-10-23T03:44:01 72.0787 -158.7299 71.0179 73.2109 73.1362 70.9497 -157.3541 -159.2611 -160.1526 -158.1517

R/V Sikuliaq Sea State POD: 24 Oct 2015 (day+2)

Overview: AWAC mooring recovery, buoy recoveries

Ice forecast: new ice at edge

Wave forecast: 2 m from ESE

Met forecast: 10 m/s ESE

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	flux station (head to wind) at AWAC mooring 72°38'N, 159° 00' W	ice obs UCTD (hourly) radiosonde balloon (03:30)	Rogers deKlerk Guest
04:00-08:00	"	ice obs UCTD (hourly)	Kohout Stammerjohn
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30)	Holt Talbert Guest
12:00-16:00	recover AWAC mooring 72°38.220'N, 159° 00.674' W	ice obs UCTD (hourly) radiosonde balloon (15:30) stereo cams mooring recovery	Shen Smith Guest Smith Thomson et al
16:00-20:00	Recover/tending buoys along line from 72°47'N, 158°43'W 72°31'N, 159°16'W	ice obs UCTD (hourly) stereo cams buoy recoveries/tending PLANNING MTG (20:00)	Clancy deKlerk Smith wave teams ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy recoveries/tending call w/ NRL aerial (21:00)	Lund Stammerjohn Guest wave teams Thomson

Notes:

1. Wx contingency for NRL aircraft: same LIDAR survey centered along line from 72°47'N, 158°43'W to 72°31'N, 159°16'W. Supplemental SAR passes also welcome.
2. TerraSAR-X acquisition is planned as: SM VV 2015-10-24T03:26:52 72.2185 -158.2929 71.3629 73.1617 73.0705 71.2788 -156.8838 -158.8684 -159.7386 -157.6807
3. Mooring and buoy recovery might be shifted one day later if conditions remain favorable for waves and ice edge measurements.