

R/V Sikuliaq Sea State POD: 13 Oct 2015

Overview: wrapping up wave event, search and recovery north, then south array

Ice forecast: pancakes

Wave forecast: waves dying out (late in the day)

Met forecast: E winds ~8 m/s

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	vicinity of 73°30'N,151°44'W	ice obs UCTD (hourly) radiosonde balloon (03:30) buoy search & recovery	Lund Talbert Guest wave teams
04:00-08:00	"	ice obs UCTD (hourly) buoy search & recovery	Rogers Smith wave teams
08:00-12:00	transit back to northwest end of main array (WB 2 & SWIFT 15)	ice obs UCTD (hourly) radiosonde balloon (09:30)	Kohout deKlerk Guest
12:00-16:00	along line from 72°17'N,148°46'W to 72° 2'N,151°47'W	ice obs UCTD (hourly) radiosonde balloon (15:30) buoy search & recovery	Shen Stammerjohn Guest Wave teams
16:00-20:00	"	ice obs UCTD (hourly) buoy search & recovery PLANNING MTG (18:15)	Holt Talbert wave teams ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) buoy search & recovery	Clancy Smith Guest wave teams

Notes:

1. Pancakes ice disappeared throughout the whole array overnight (presumably the result of mixing up the warm water below the surface), so we shortened the survey and shifted north to begin buoy recoveries, nominally in the order deployed.
2. Buoy recoveries along primary line are expected to last until mid-day on 14 Oct. Then, we will transit north to the original line and recovery the buoys left behind there, while surveying the ice conditions after the storm.

R/V Sikuliaq Sea State POD: 14 Oct 2015 (day + 1)

Overview: finish recovering all buoys

Ice forecast: pancakes

Wave forecast: mild wind sea

Met forecast: S winds ~8 m/s

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	recovering buoys along line from 72°17'N,148°46'W to 72° 2'N,151°47'W	ice obs UCTD (hourly) radiosonde balloon (03:30) Buoy recoveries (cont)	Rogers deklerk Guest wave teams
04:00-08:00	“	ice obs UCTD (hourly) Buoy recoveries (cont)	Kohout Stammerjohn wave teams
08:00-12:00	“	ice obs UCTD (hourly) radiosonde balloon (09:30) Buoy recoveries (cont)	Holt Talbert Guest wave teams
12:00-16:00	“	ice obs UCTD (hourly) radiosonde balloon (15:30) Buoy recoveries (cont)	Shen Smith Guest wave teams
16:00-20:00	“	ice obs UCTD (hourly) PLANNING MTG (18:15)	Clancy deKlerk ALL
20:00-00:00	begin transit for ice station #4	ice obs UCTD (hourly) radiosonde balloon (21:30) call w/ NRL aerial (21:00)	Lund Stammerjohn Guest Thomson

Notes:

3. Joint operations with NRL aircraft, staged out of Barrow, begin on 15 Oct. Nightly calls with the NRL team start the night before, and direct communications use aircraft VHF channel 121.50.
4. By 15 Oct, we will be heading west into the ice, looking for suitable floes to conduct more ice stations. Eventually, after several days of ice stations, we will aim for the Chukchi side and make ice edge measurements near the AWAC mooring.

R/V Sikuliaq Sea State POD: 15 Oct 2015 (day + 2)

Overview: setting up for ice stations

Ice forecast: pancakes

Wave forecast: calm

Met forecast: moderate winds

Time (local ADT)	Location (dec min)	Activity	Personnel
00:00-04:00	TBD, ideally along 157 W, probably north of 73 N	ice obs UCTD (hourly) radiosonde balloon (03:30)	Kohout Talbert Guest
04:00-08:00	"	ice obs UCTD (hourly)	Holt Smith
08:00-12:00	"	ice obs UCTD (hourly) radiosonde balloon (09:30)	Clancy deKlerk Guest
12:00-16:00	"	ice obs UCTD (hourly) radiosonde balloon (15:30)	Shen Stammerjohn Guest
16:00-20:00	"	ice obs UCTD (hourly) PLANNING MTG (18:15)	Lund Talbert ALL
20:00-00:00	"	ice obs UCTD (hourly) radiosonde balloon (21:30) call w/ NRL aerial (21:00)	Rogers Smith Guest Thomson

Notes:

5. Joint operations with NRL aircraft, staged out of Barrow, begin TODAY 15 Oct. Nightly calls with the NRL team start the night before, and direct communications use aircraft VHF channel 121.50. Their first mission may be simply to the previous three ice stations, while we set up for new ice stations.
6. Plan is to head west into the ice, looking for suitable floes to conduct more ice stations. Eventually, after several days of ice stations, we will aim for the Chukchi side and make ice edge measurements near the AWAC mooring.