

To: Jon Alberts (UNOLS), CIET, OBSIP
From: CIET, Doug Toomey
Subject: Cascadia Initiative Ship Schedules for 2012 (version 3)
Date: January 20, 2012

Below is a revised draft of the 2012 ship schedule for the Cascadia Initiative. Since our September meeting in Seattle there have been several developments that required modifications to the schedule. In brief, these are as follows:

- Recovery of LDEO TRM OBSs will be done using Jason aboard the R/V Thompson.
- R/V Wecoma has been replaced by R/V Oceanus
- Due to a conflict in the R/V Oceanus schedule, one of our legs has been moved to the R/V New Horizon.

The dates below do not include mob/demob, i.e., they are departure/arrival dates. To view the UNOLS web site go to <http://www.unols.org/>

Assignment of Chief Scientists is updated to be consistent with our recent conference calls.

IMPORTANT: If your name is listed as a Chief Scientist, please confirm that the scheduled number of days is consistent with our prior estimate.

Leg 1: R/V Oceanus

- 12 May – 26 May, 2012, Newport-Newport
- Recover 25 WHOI OBS
- 14 days of at sea time required
 - At sea: 12 ship-scheduling days @ 10 knots transit.
 - At sea: 2 contingency day => 14 days at sea
- Port time
 - 1 port day before
 - 2 port days after
- Notes
 - Chief Scientist: John Collins

Leg 2: R/V Thompson with Jason

- 10 July – 24 July, 2012, Seattle-Seattle
- Recover 14 LDEO TRMs; recover 10 LDEO OBSs; deploy 6 LDEO TRMs
- 14 days of at sea time required
- Port time
 - 1 port day before

- 1 port day after
- Notes
 - Chief Scientists: Maya Tolstoy & Richard Allen
 - Note: Maya Tolstoy is communicating with the Jason team on recovery operations and requirements

Leg 3: R/V New Horizon

- 13 July – 20 July, 2012, Newport-Newport
- Recover 15 SIO Abalones
- 7 days of at sea time required
 - At sea: 6 ship scheduling days @ 10 knots
 - At sea: 1 contingency day => 7 days at sea
- Port time
 - 1 port-day before
 - 1 port-day after
- Notes:
 - Chief Scientists: Bob Dziak

Leg 4: R/V Oceanus

- 13 August – 28 August, Newport-Newport
- Deploy 25 WHOI OBS
- 16 days of at sea time required
 - At sea: 14 ship-scheduling days @ 10 knots transit.
 - At sea: 2 contingency day => 16 days at sea
- Port days
 - 1 port day before
 - 1 port day after
- Notes:
 - Requested days of at sea time and scheduled do not agree
 - Chief Scientists: William Wilcock & Emilie Hooft

Leg 5: R/V Oceanus

- 30 Aug – 7 Sep, 2012, Newport-Newport
- Deploy 15 SIO OBS
- 8 days at sea time required
- Port time
 - 1 day before
 - 1 day after
- Notes:
 - Chief Scientists: Doug Toomey & Susan Schwartz

Leg 6: R/V Oceanus

- 9 Sep – 22 Sep, 2012, Newport-Newport
- Deploy 14 TRM, 10 LDEO
- 13 days of at sea time required

- 10 ship-scheduling days @ 10 knots transit
 - 3 contingency days => 13 days at sea
- Port time
 - 1 port days before
 - 1 port day after
- Notes:
 - Chief Scientists: Jeff McGuire & Anne Trehu

Leg 7: R/V Oceanus

- 6 Nov – 11 Nov, 2012, Newport-Newport
- If necessary, this will be a mop up leg.
- Earliest start date is unconstrained
- Number of days is unknown, approximately 10
- Chief Scientists: TBD