

## Appendix B Project Activity Timeline

This section provides a day-to-day synopsis of activities and the timing of major actions.

Sunday May 28, 2006

The science team arrived at the Ko'olina Harbor and began equipment mobilization. Mobilization and preparation in Ko'olina included testing and/or calibration of all equipment to ensure it was operating properly prior to departure. This included, but was not limited to the C3D integrated side scan/multibeam bathymetry system, ROV, navigation software, DGPS, and science team laptops.

Monday May 29, 2006

0830 the science team arrived at Ko'olina and performed safety brief and discussed plan of the day with all crew. Modification to side scan sonar mount from bow mount to side mount was necessary to increase sonar accuracy. 1110 hours left dock and arrived at survey location at 1200 hours. Tested mosaic software, navigation DGPS (Differential Global Positioning System), sample data acquisition software. Departed site at 1415 and arrived back at dock at 1505 hours.

Tuesday May 30, 2006

0945 hours at pier 9 in Honolulu Harbor, a press briefing commenced at 1000 hours. Notable attendees included Governor Lingle and Congressmen Abercrombie and Case. The media Questions and Answers followed the brief. The day's events ended at 1215 hours. R/V *Manacat* departed Honolulu Harbor and returned to Ko'olina.

Wednesday May 31, 2006

Date/ Weather:            31 May 06            Sunny

Activities:

0800 hrs the science team arrived at Ko'olina and performed safety brief and discussed plan of the day with all crew. Fueled vessel and departed dock at 0940 hrs. Arrived on station at 1030 hours and commenced survey lines with the C3D side scan in the interior (shallow) section of Pokai Bay. Completed 15 survey lines with the side scan sonar. Noted 93 areas of interest, however, since 200% coverage of the area was achieved, the actual number is closer to half that amount.

Difficulties/Schedule Impacts: None

Thursday June 1, 2006

Date/ Weather:           1 June 06           Sunny

Activities:

0845 hours, the science team arrived at Ko'olina and performed safety brief and discussed plan of the day with all crew aboard the R/V *Manacat*. 945 hours arrived on station and commenced survey lines with the side scan in the interior (shallow) section of Pokai Bay. Completed 15 survey lines with the side scan sonar. The lines surveyed today were longer than the lines surveyed yesterday. Noted 53 areas of interest, however, since 200% coverage of the area was achieved, the actual number is closer to half that amount. Remotely Operated Vehicle (ROV) was not implemented today as planned. Approximately 50% of the study area has already been side scanned and the science team is ahead of the planned schedule.

Difficulties/Schedule Impacts: None

Friday June 2, 2006

Date/ Weather:           2 June 06           Sunny

Actual Activities:

0900 hours arrived at Ko'olina and performed safety brief and discussed plan of the day with all crews. R/V *Manacat* went out at about 1200 hours and returned at 1730 hours. Divers conducted four dives today on areas of interest and dismissed a lot of other targets as geologic. These targets were in relatively shallow water 18 to 70 feet. Science team learned at 0900 hours this morning that the *Waialoa* (deep water survey vessel) was down with a broken shaft and was not ready for this survey period. An alternate vessel was identified and modifications were made to the University of Hawai'i *Klaus Wyrski* at Sand Island.

Difficulties/Schedule Impacts: The second vessel *Waialoa* broke a shaft. This alteration to the schedule resulted in a lost survey day.

Saturday June 3, 2006

Date/ Weather:           3 June 06           Sunny

Actual Activities:

1015 hours arrived at Ko'olina and performed safety brief and discussed plan of the day with all crews. R/V *Manacat* performed water column sampling and fish sampling today. The science team collected 3 near bottom water samples and 17 fish samples. The ROV was deployed today for visual observation of areas of interest. Also utilized the *Klaus Wyrcki* a vessel owned by the University of Hawai'i. The *Klaus Wyrcki* was in the deeper waters from 1300 - 1500 hours today and ran a total of six survey lines.

Difficulties/Schedule Impacts: Work commenced later than expected due to the H-1 Freeway closure.

Sunday June 4, 2006

Date/ Weather:           4 June 06           Sunny

Actual Activities:

0730 hours arrived at Ko'olina and performed safety brief and discussed plan of the day with all crew. R/V *Manacat* performed sediment and fish sampling in the shallow water areas today. *Klaus Wyrcki* arrived on station at 0840 hours and was used in the deeper waters and completed 17 survey lines. As of today, the side scan survey is approximately 95% complete.

Difficulties/Schedule Impacts: R/V *Manacat* developed hydraulic problems today and ended all activity at 1400 hours.

Monday June 5, 2006

Date/ Weather:           5 June 06           Sunny

Actual Activities:

0830 arrived at Ko'olina and performed safety brief and discussed plan of the day with all crews. Repairs were made to the hydraulic systems of the R/V *Manacat*. R/V *Manacat* performed sediment sampling and fish sampling in the shallow water areas today, starting at 1100 hours after repairs were made. 0740 hours, *Klaus Wyrcki* departed Ko'olina and arrived on station at 0840 hours to continue survey in deep water area. Completed 16 deep water survey lines. As agreed upon with the University of Hawai'i, the *Klaus Wyrcki* was returned at 1230 hours today.

The Military Dive Support Unit (MDSU) used its 17 man Zodiac and performed dives at four shallow water target sites and a deep water site. At dive point 1, the divers found numerous .50 caliber.