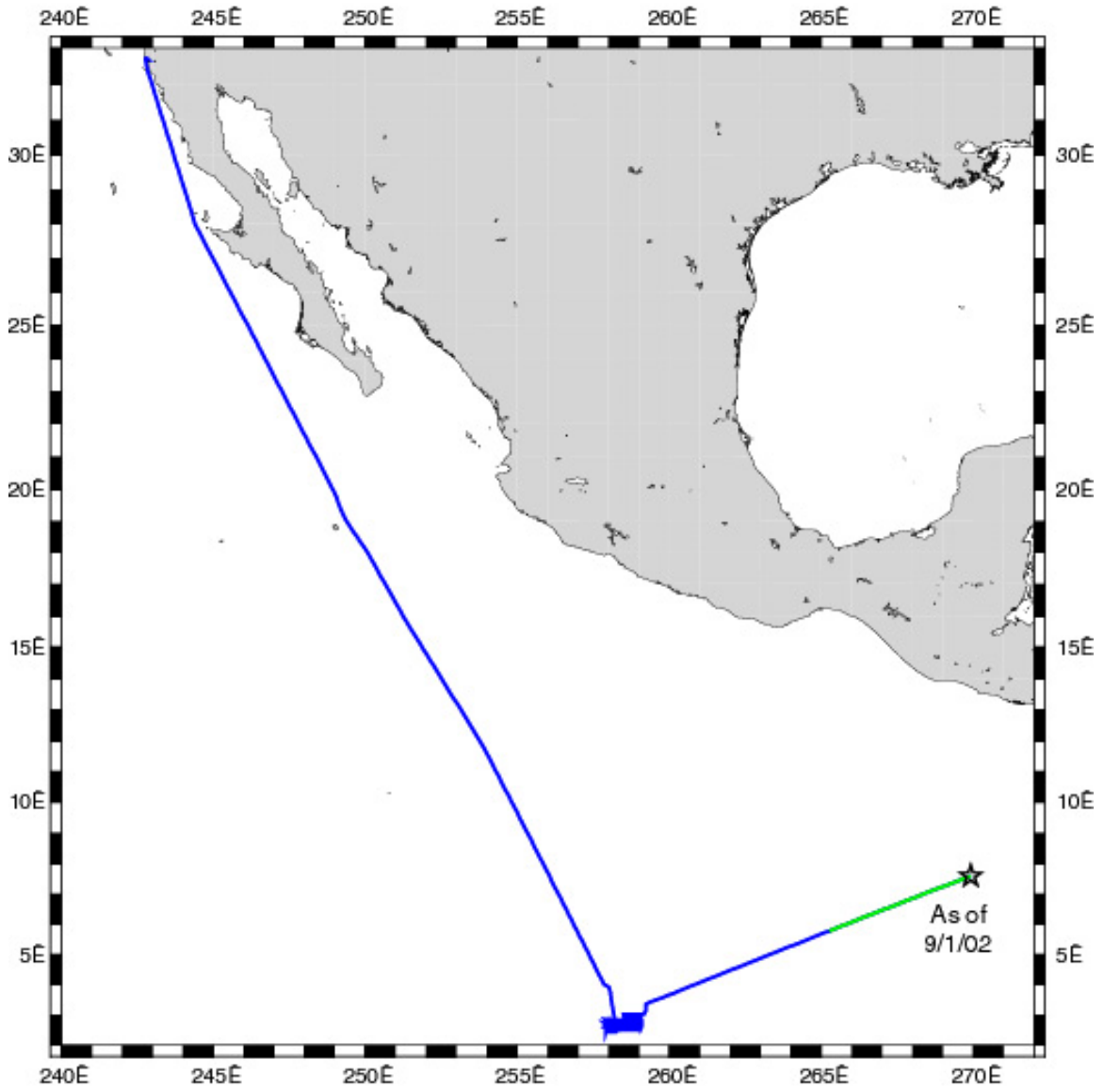


Section 3: Cruise Track

RV Melville position as of 1-Sep-02



Section 4: Daily Calendar

Monday, August 5th (JD=217, Local Time GMT-07)

Depart 0800 to fueling dock. Dynamic Positioning problems fixed when power cycled. Safety Meeting. Depart San Diego at 5pm (23:57 GMT).

Tuesday, August 6th (218)

Transit. Fire and boat drill. Magnetometer Test. 3.5 KHz Sonar Test.

Wednesday, August 7th (219)

Transit. Science talks begin--1000 Debbie, 1500 Clare.

Thursday, August 8th (220)

Transit. Betsy's Birthday. Science talks—1000 Heather, 1500 Wenlu. Wenlu and Debbie catch first Mahi. Crew/Science meeting 1830.

Friday, August 9th (221)

Watches begin for Seabeam and Magnetic data collection at 0900. Science talks—1000 Mark, 1500 Ron. Magnetometer problems. Magnetometer replaced 1200-1500.

Saturday, August 10th (222)

Continue watches for Seabeam and Camera survey. Camera joy stick problems. Electronics box for magnetometer switched out, this resolves problems. Science talks—1000 Greg, 1500 Clare.

Sunday, August 11th (223)

Continue watches for Seabeam and Camera survey. Science Talk—1000 Trish.

Monday, August 12th (224, Local Time Switched to GMT-06)

Continue watches for Seabeam and Camera survey. Change clocks forward 1 hour. Arrive way point 01 ~0700. Charge camera batteries.

Tuesday, August 13th (225)

Continue watches for Seabeam and Camera survey. Fire and boat drill.

Wednesday, August 14th (226)

End Seabeam and Magnetic survey ~1100. Begin 4 on 8 off watches for Dredging, Wax Coring, and Camera Towing. Begin Dredge 01 GMT 1835. End Dredge 01 GMT 2249. Begin Wax Core 01 GMT 2318.

Thursday, August 15th (227)

Continue 4on/8off watches for surveying. End Wax Core 01 GMT 0042. Begin Dredge 02 GMT 0125. End Dredge 02 GMT 0500. Begin Dredge 03 GMT 0604. End Dredge 03 0943. Begin Wax Core 02 GMT 1020. End Wax Core 02 1149. Camera Tow 01 ~0730 GMT-06. Begin Dredge 04 GMT 2108.

Friday, August 16th (228)

Continue 4on/8off watches for surveying. End Dredge 04 GMT 0035. Begin Wax Core 03 GMT 0053. End Wax Core 03 ~GMT 0200. Begin Dredge 05 GMT 0416. End Dredge 05 GMT 0753. Begin Dredge 06 GMT 0838. End Dredge 06 GMT 1235. Begin Wax Core 04 GMT 1235. End Wax Core 04 1357. Camera Tow 02. Begin Dredge 07 GMT 2227.

Saturday, August 17th (229)

Continue 4on/8off watches for surveying. End Dredge 07 GMT 0140. Begin Dredge 08 GMT 0208. End Dredge 08 GMT 0445. Begin Dredge 09 GMT 0624. End Dredge 09 GMT 0945. Begin Dredge 10 GMT 1015. End Dredge 10 GMT 1355. Camera Tow 03, brought up because camera would not wake up. Camera Tow 04. Problem with Dredging wench due to an extremely high tension on Dredge 08, caused tensiometer readings to be 2000 lbs too high. Begin Wax Core 05 GMT 2256.

Sunday, August 18th (230)

Continue 4on/8off watches for surveying. End Wax Core 05 GMT 0018. Begin Dredge 11 GMT 0053. End Dredge 11 GMT ~0400. Begin Dredge 12 GMT 0515. End Dredge 12 GMT 0842. Begin Dredge 13 GMT 0900. End Dredge 13 GMT ~1200. Begin Dredge 14 GMT 1248. End Dredge 14 GMT 1619. Camera Tow 05. Dredging wench fixed, tensiometer readings back to normal.

Monday, August 19th (231)

Continue 4on/8off watches for surveying. Begin Dredge 15 GMT 0123. End Dredge 15 GMT ~0430. Begin Dredge 16 GMT 0532. End Dredge 16 GMT ~0830. Begin Dredge 17 GMT 0952. End Dredge 17 ~1300. Camera Tow 06. Begin Dredge 18 GMT 2210.

Tuesday, August 20th (232)

Continue 4on/8off watches for surveying. End Dredge 18 GMT ~0130. Begin Dredge 19 GMT 0250. End Dredge 19 GMT 0612. Begin Dredge 20 GMT 0645. End Dredge 20 GMT 1008. Begin Dredge 21 GMT 1040. End Dredge 21 GMT ~1400. Camera Tow 7. Fire and boat drill-practice for hazardous material spill.

Wednesday, August 21st (233)

Continue 4on/8off watches for surveying. Begin Dredge 22 GMT 0105. End Dredge 22 GMT ~0400. Begin Dredge 23 GMT 0459. End Dredge 23 GMT ~0800. Begin Dredge 24 GMT 0859. End Dredge 24 GMT 1225. Begin Dredge 25 GMT 1325. End Dredge 25 GMT ~1630. Camera Tow 08.

Thursday, August 22nd (234)

Continue 4on/8off watches for surveying. Begin Dredge 26 GMT 0158. End Dredge 26 GMT ~0500. Begin Dredge 27 GMT 0554. End Dredge 27 GMT ~0915. Begin Dredge 28 GMT 1007. End Dredge 28 GMT ~1330. Camera Tow 09. Begin Dredge 29 GMT 2209.

Friday, August 23rd (235)

Continue 4on/8off watches for surveying. End Dredge 29 GMT ~0100. Begin Dredge 30 GMT 0224. End Dredge 30 GMT ~0530. Begin Dredge 31 GMT 0616. End Dredge 31 GMT ~0945. Begin Dredge 32 GMT 1036. End Dredge 32 GMT ~1400. Camera Tow 10. Begin Dredge 33 GMT 2230.

Saturday, August 24th (236)

Continue 4on/8off watches for surveying. End Dredge 33 GMT ~0145. Begin Dredge 34 GMT 0246. End Dredge 34 GMT 0619. Begin Dredge 35 GMT 0638. End Dredge 35 GMT ~1015. Begin Dredge 36 GMT 1040. End Dredge 36 GMT 1420. Camera Tow 11. Begin Dredge 37 GMT 2208.

Sunday, August 25th (237)

Continue 4on/8off watches for surveying. End Dredge 37 GMT ~0130. Begin Dredge 38 GMT 0240. End Dredge 38 GMT ~0545. Begin Dredge 39 GMT 0625. End Dredge 39 GMT ~1015. Begin Dredge 40 GMT 1055. End Dredge 40 GMT ~1430. Camera Tow 12. Begin Dredge 41 GMT 2324.

Monday, August 26th (238)

Continue 4on/8off watches for surveying. End Dredge 41 GMT 0245. Begin Dredge 42 GMT 0322. End Dredge 42 GMT ~0645. Begin Dredge 43 GMT 0729. End Dredge 43 GMT ~1100. Begin Dredge 44 GMT 1147. End Dredge 44 GMT ~1520. Camera Tow 13. Begin Dredge 45 GMT 2254.

Tuesday, August 27th (239)

Continue 4on/8off watches for surveying. End Dredge 45 GMT 0230. Begin Dredge 46 GMT 0258. End Dredge 46 GMT ~0630. Begin Dredge 47 GMT 0715. End Dredge 47 GMT ~1100. Begin Dredge 48 GMT 1157. End Dredge 48 GMT 1530. Camera Tow 14 (the last camera tow). Fire and boat drill. Cletus's Birthday.

Wednesday, August 28th (240)

Continue 4on/8off watches for surveying. Begin Dredge 49 GMT 0024. End Dredge 49 GMT 0415. Begin Dredge 50 GMT 0436. End Dredge 50 GMT ~0830. Begin Dredge 51 GMT 0910. End Dredge 51 GMT ~1300. Begin Dredge 52 GMT 1325. End Dredge 52 GMT ~1715. Begin Dredge 53 GMT 1924. End Dredge 53 GMT ~2345. Finish processing of rocks. Take apart and clean camera.

Thursday, August 29th (241)

End 4on/8off watches at 0800. Begin Transit to Costa Rica. Pack up Camera. Organize everything for packing in van.

Friday, August 30th (242)

Transit. Mark's Birthday. Work on packing everything up, final maps and plots, cruise report. Science meeting 1400, debriefing of cruise information.

Saturday, August 31st (243)

Transit. Work on packing everything up, final maps and plots, complete cruise report. Science/Crew meeting 1830, "Why did we drag you here and what did we learn?"

Sunday, September 1st (244)

Transit. Finish packing.

Monday, September 2nd (245)

Arrive in Puerto Caldera 0800 for unloading of van and shifting around on deck.

Tuesday, September 3rd (246)

Depart Ship

