

*Jason Dive J2-225, August 20-21, 2006 (GMT) Suzette ADCP and Sediment Traps
(aborted)*

09:18 Off Deck

10:17 On Bottom: 3° 48.37' S, 152° 05.72'E, 1500 mbsl

11:15 Off Bottom: 3° 48.35'S, 152° 05.75'E, 1508 mbsl

12:20 On Deck

**MAGELLAN 06 Cruise Manus Basin
LEG 2**

Aim:

The goal of the dive is to deploy 6 sediment traps around the Suzette hydrothermal mound area and to place an ADCP at the center of the deployed array. We will use an elevator to transport the 6 sediment traps to the seafloor. Jason will dive with the ADCP in its basket along with 2 gastight water bottles and 1 major sampler. With the deployment out of the way we would like to sample fluids in the "turtle area". Other sampling as required.

Co-ords for the Elevator launch:

- **Lat/long:** 3°47.52' S, 152°05.77'E, 1525 m
- **UTM:** 399641, 9580812 (WGS84 Zone 56S)

Summary

We landed in sedimented terrain just SW of the central peak in the Suzette area and drove up slope to the NE to the suggested ADCP site (x3186, y4854). At that location, sloped ground and soft sediments did not allow deployment. We moved up to the top of the peak to deploy there and did so at x3183, y4867, z1489 (vvan# 62140)

We next went to a site of moderate-temperature venting from a pavement-like crust capping a sedimented mound spotted during Dive 219 at x3226 y4916.

Upon arriving there, problems with the navigation/ship communication developed that added up to problems created by high buoyancy of Jason and forced us to abort the dive.