

Meta Data Report	
PI:	Dierssen
Person(s) filing report (if different than PI):	Buonassissi
Operation description (be verbose):	Collection of data at each optics station including upwelling radiances at 0.65, 2, and 4.7 meters, downwelling irradiance above the surface with the HTSRB. 5 sets of 3 spectra each with the ASD were used to calculate remote sensing reflectance. Particle volume per liter collected from 2-250 microns and from 8-1500 microns particle size were collected by LISST instruments during casts with the MASCOT and an AC9. The LISST data will be combined with the MASCOT and AC9 data to examine bubble injection by waves. These data will be compared to the HTSRB data to determine how bubbles impact remote sensing reflectance at varying wind speeds.
Start Time (hh:mm:ss, UTC):	14:00:00
Start Date (dd/mm/yy; UTC):	11-Mar-08
Start latitude (signed, decimal):	-50.7648
Start longitude (signed, decimal):	-38.47
Event-log event number (if applicable)	
Expected operation duration:	Duration of cruise at each optics station
Expected initial data products:	Remote sensing reflectance, spectral light attenuation, upwelling radiances at 0.65, 2, and 4.7 meters, downwelling irradiance above the surface, and particles per liter and particle volume per liter from 2-250 microns and 8 - 1500 microns
Expected distributed data products, and time-frame for distribution:	Data will be quality checked and further processed to products above within 6 months.
Other operation notes	NA
Post-operation comments/assessment	successful collection of data
Operation Log	
Time, date	event
03/11/08 14:00:00	Optics Cast
03/12/08 13:00:00	Optics Cast
03/15/08 14:30:00	Optics Cast
03/16/08 14:10:00	Optics Cast
03/20/08 13:11:00	Optics Cast
03/21/08 15:15:00	Optics Cast
03/22/08 13:08:00	Optics Cast
03/23/08 12:55:00	Optics Cast
03/24/08 13:14:00	Optics Cast
03/26/08 15:18:00	Optics Cast
03/27/08 15:16:00	Optics Cast
03/30/08 00:15:00	Optics Cast
03/30/08 17:15:00	Optics Cast
04/01/08 15:05:00	Optics Cast
04/03/08 15:10:00	Optics Cast
04/04/08 15:01:00	Optics Cast