

Meta Data Report	
PI:	Balch
Person(s) filing report (if different than PI):	Drapeau
Operation description (be verbose):	Collection of UnderWay data including temperature, salinity, chlorophyll fluorescence, optical backscattering at 532nm, and 9 wavelengths of light absorption and attenuation. Backscattering measurements (bb) are made at normal seawater pH and at lowered pH (ca. 5.5) in order to partition acid labile bb (due to calcite). Light absorption and attenuation measurements (ac9) are alternately made on filtered (0.2um) and unfiltered flow in order to discern particulate and dissolved contributions. All data referenced to ships navigational system for time (UTC) and position (lat, lon).
Start Time (hh:mm:ss, UTC):	12:46:25
Start Date (dd/mm/yy; UTC):	2-Mar-08
Start latitude (signed, decimal):	-50.85
Start longitude (signed, decimal):	-51.84
Event-log event number (if applicable)	
Expected operation duration:	Duration of cruise
Expected initial data products:	backscattering at 532 nm, total and dissolved attenuation and absorption at 412, 440, 488, 510, 555, 630, 650, 676, and 715 nm
Expected distributed data products, and time-frame for distribution:	Data will be quality checked, fouling corrections applied, calibrated to discrete extracted chlorophyll a, and discrete PIC within 6 months.
Other operation notes	Acidified waste from bb loop bypassed to lab sink/gray water tank during station work but otherwise overboard.
Post-operation comments/assessment	Succesful collection of UW optics data
Operation Log	
Time, date	event
03/07/08 22:37:00	Shut down UW water for SF6 injection
03/08/08 22:10:00	Restared UW after cleaning and calibrations
03/15/08 14:10:00	Shut down UW collection for calibrations
03/15/08 18:30:00	Restart UW collection
03/20/08 17:00:00	Shut down UW water for SF6 injection
03/21/08 13:10:00	Restart UW collection after cleaning and calibration
03/28/08 13:30:00	Shut down UW collection for calibrations
03/28/08 18:33:00	Restart UW collection after cleaning, calibration, and Maalox linearity check