

Meta Data Report										
PI:	Twardowski									
Person(s) filing report (if different than PI):	Freeman									
Operation description (be verbose):	When optical casts are scheduled, water from the inline system (surface) and from a 60m Niskin bottle will be filtered on pre-weighed 0.2 um Nucleopore filters. The water will be screened with 64 um mesh to avoid collecting zooplankton. For the Niskin sample, all water from the bottle will be collected, including the dregs at the bottom of the bottle, mixed, and then subsamples will be used for analysis. The filters will be frozen, transported to RI, desiccated and weighed again to determine total suspended material.									
Start Time (hh:mm:ss, UTC):	See log, below									
Start Date (dd/mm/yy, UTC):	See log, below									
Start latitude (signed, decimal):	See log, below									
Start longitude (signed, decimal):	See log, below									
Event-log event number (if applicable)										
Expected operation duration:	When on station									
Expected initial data products:	None									
Expected distributed data products, and time-frame for distribution:	TSM at 60 m and at the surface within 6 months.									
Other operation notes										
Post-operation comments/assessment										
Operation Log										
date	GMT	latitude	longitude	depth	Filter #	Filter Vol (L)	notes			
3/11/2008		16:30	-50.77	38.45	3	112C	1.45	inline system. Filter clogged, had to abort.		
		16:30	-50.77	38.45	60	115C	1.64	CTD # 5. Filter clogged, had to abort.		
3/12/2008		15:06	-50.8	38.36	3	111C	1	inline system		
		15:06	-50.8	38.36	3	23C	1	inline system		
		15:06	-50.8	38.36	60	121C	1	CTD # 7		
		15:06	-50.8	38.36	60	111B	1	CTD # 7		
3/16/2008		14:06	-53.75	36.62	3	100B	1	inline system.		
		14:06	-53.75	36.62	3	101B	1	inline system.		
3/20/2008		14:37	-50.94	37.8	3	97C	0.81	inline system.		
		14:37	-50.94	37.8	3	32C	0.81	inline system.		
3/22/2008		16:15	-51.19	38.3	3	78C	0.8	inline system.		
		16:15	-51.19	38.3	3	99C	0.8	inline system.		
		16:15	-51.19	38.3	60	39C	1	CTD # 18		
		16:15	-51.19	38.3	60	55C	1	CTD # 18		
3/23/2008		15:11	-50.8	38.13	60	114C	1.1	CTD # 21		
		15:11	-50.8	38.13	60	130C	1.1	CTD # 21		
		15:11	-50.8	38.13	3	40C	1	inline system.		
		15:11	-50.8	38.13	3	119C	1	inline system.		
3/24/2008		14:56	-51.24	38	60	59C	1	CTD # 23		
		14:56	-51.24	38	60	61C	1	CTD # 23		
		14:56	-51.24	38	3	24C	0.8	inline system		
		14:56	-51.24	38	3	60C	0.8	inline system		
3/26/2008		13:35	-51.3	37.5	60	31C	1.2	CTD # 28		
		13:35	-51.3	37.5	60	192B	1.2	CTD # 28		
		13:35	-51.3	37.5	3	30C	1	inline system		
		13:35	-51.3	37.5	3	70C	1	inline system. Tore filter.		
		13:35	-51.3	37.5	3	47C	1	inline system		
3/27/2008		13:33	-51.32	37.35	60	100C	1.2	CTD # 30		
		13:33	-51.32	37.35	60	101C	1.2	CTD # 30		
		13:33	-51.32	37.35	3	117C	1	inline system		
		13:33	-51.32	37.35	3	118C	1	inline system		
3/30/2008		2:18	-51.31	37.3	3	8C	1	inline system		
		2:18	-51.31	37.3	3	123C	1	inline system		
		2:18	-51.31	37.3	60	64C	1.3	CTD # 37		
		2:18	-51.31	37.3	60	73B	1.3	CTD # 37		
		15:10	-51.3	37.33	3	144B	1	inline system		
		15:10	-51.3	37.33	3	154B	1	inline system		
		15:10	-51.3	37.33	60	104C	1.2	CTD # 38		
		15:10	-51.3	37.33	60	133B	1.2	CTD # 38		
4/1/2008		13:05	-51.34	37.43	3	128C	1	inline system		
		13:05	-51.34	37.43	3	129C	1	inline system		
		13:05	-51.34	37.43	60	126C	1.2	CTD # 43. not a full bottle		
		13:05	-51.34	37.43	60	127C	1.2	CTD # 43. not a full bottle		
4/3/2008		13:10	-51.41	37.52	3	95C	1	inline system		
		13:10	-51.41	37.52	3	103C	1	inline system		
		13:10	-51.41	37.52	60	92C	1.2	CTD # 47		
		13:10	-51.41	37.52	60	93C	1.2	CTD # 47		
4/4/2008		2:45	-51.44	37.48	3	38C	1.1	inline system Taking samples from inline and surface niskin for comparison.		
		2:45	-51.44	37.48	3	103B	1.1	inline system		
		2:45	-51.44	37.48	5	110C	1.1	CTD # 48		
		2:45	-51.44	37.48	5	103B	1.1	CTD # 48		
		13:17	-51.45	37.44	3	62C	1.1	inline system		
		13:17	-51.45	37.44	3	105C	1.1	inline system		
		13:17	-51.45	37.44	60	2C	1.3	CTD # 49		
		13:17	-51.45	37.44	60	5C	1.3	CTD # 49		
4/5/2008		1:00	-51.47	37.41	3	4B	1.1	inline system Taking samples from inline and surface niskin for comparison.		
		1:00	-51.47	37.41	3	21C	1.1	inline system		
		1:00	-51.47	37.41	5	20C	1.1	CTD # 51		
		1:00	-51.47	37.41	5	22C	1.1	CTD # 51		