CANON 2014 Cast Schedule
September 27 to Oct 3, 2014
Lagrangian Tracer Experiment in Monterey Bay
*****Draft, distributed September 9, 2014**

Date	Time (PST)	Event	Purpose	Details
9/27/14	10:00	Depart Moss Landing		Steam to locaiton of deep stella
	12:00	**CTD cast to 200 m**	Productivity and genetics	***Follow dawn cast water budgets & sampling depths
	14:00	**CTD cast to 200 m**	Dissolved gases and geochemistry	***Follow dawn cast water budgets & sampling depths
	15:00	Depart sediment traps	Particle flux	
	16:00	Follow surface drifter (1 hour)	Air-sea gas flux	
	18:30	Microstructure profiler	Fine scale physics	
	19:00	**Cast to 200 m**	All samples	
	23:30	Microstructure profiler	Fine scale physics	
9/28/14	**0:00**	**Cast to 200 m**		
	5:30	Microstructure profiler	Fine scale physics	
	6:00	**Cast to 200 m**	Productivity and genetics	
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry	
	10:00	Pickup and redeploy sediment traps	Particle flux	
	11:30	Microstructure profiler	Fine scale physics	
	12:00	**Cast to 200 m**		
	14:00	Hyperpro cast to 50 m	Light environment	
	15:00	Follow surface drifter (1 hour)	Air-sea gas flux	
	18:30	Microstructure profiler	Fine scale physics	
	19:00	**Cast to 200 m**		
	21:00	**SF6 surveys**		
	23:30	Microstructure profiler	Fine scale physics	
9/29/14	**0:00**	**Cast to 200 m**		
	1:30	**SF6 surveys**		
	5:30	Microstructure profiler	Fine scale physics	
	6:00	**Cast to 200 m**	Productivity and genetics	
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry	
	10:00	Recover & redeploy sediment traps	Particle flux	
	11:30	Microstructure profiler	Fine scale physics	
	12:00	**Cast to 200 m**	All samples	
	14:00	Hyperpro cast to 50 m	Light environment	
	15:00	Follow surface drifter (1 hour)	Air-sea gas flux	

	18:30	Microstructure profiler	Fine scale physics
	19:00	**Cast to 200 m**	All samples
	21:00	**SF6 surveys**	
	23:30	Microstructure profiler	Fine scale physics
9/30/14	**0:00**	**Cast to 200 m**	All samples
	1:30	**SF6 surveys**	
	5:30	Microstructure profiler	Fine scale physics
	6:00	**Cast to 200 m**	Productivity and genetics
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry
	10:00	Recover and redeploy sediment traps	Particle flux
	11:30	Microstructure profiler	Fine scale physics
	12:00	**Cast to 200 m**	All samples
	14:00	Hyperpro cast to 50 m	Light environment
	15:00	Follow surface drifter (1 hour)	Air-sea gas flux
	18:30	Microstructure profiler	Fine scale physics
	19:00	**Cast to 200 m**	All samples
	21:00	**SF6 surveys**	
	23:30	Microstructure profiler	Fine scale physics
10/1/14	**0:00**	**Cast to 200 m**	All samples
	1:30	**SF6 surveys**	
	5:30	Microstructure profiler	Fine scale physics
	6:00	**Cast to 200 m**	Productivity and genetics
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry
	10:00	Recover & redeploy sediment traps	Particle flux
	11:30	Microstructure profiler	Fine scale physics
	12:00	**Cast to 200 m**	All samples
	14:00	Hyperpro cast to 50 m	Light environment
	15:00	Follow surface drifter (1 hour)	Air-sea gas flux
	18:30	Microstructure profiler	Fine scale physics
	19:00	**Cast to 200 m**	All samples
	21:00	**SF6 surveys**	
	23:30	Microstructure profiler	Fine scale physics
10/2/14	**0:00**	**Cast to 200 m**	All samples
	1:30	**SF6 surveys**	
	5:30	Microstructure profiler	Fine scale physics
	6:00	**Cast to 200 m**	Productivity and genetics
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry

	10:00	Recover and redeploy sediment traps	Particle flux	
	11:30	Microstructure profiler	Fine scale physics	
	12:00	**Cast to 200 m**	All samples	
	14:00	Hyperpro cast to 50 m	Light environment	
	15:00	Follow surface drifter (1 hour)	Air-sea gas flux	
	18:30	Microstructure profiler	Fine scale physics	
	19:00	**Cast to 200 m**	All samples	
	21:00	**SF6 surveys**		
	23:30	Microstructure profiler	Fine scale physics	
10/3/14	**0:00**	**Cast to 200 m**	All samples	
	1:30	**SF6 surveys**		
	5:30	Microstructure profiler	Fine scale physics	
	6:00	**Cast to 200 m**	Productivity and genetics	
	7:30	**Cast to 200 m**	Dissolved gases and geochemistry	
	10:00	Recover sediment traps	Particle flux	No redployment of traps
	11:30	Microstructure profiler	Fine scale physics	
	12:00	**Cast to 200 m**	All samples	
	14:00	Hyperpro cast to 50 m	Light environment	
	14:30	Follow surface drifter (30 min)	Air-sea gas flux	
	15:00	Worden lab cast		All bottles tripped at surface
	17:00	Arrive ML		