

Date	Cast	Depth	Samples	Bottles
8/4	CTD1	500 m	Shakedown (trip all bottles to test)	24
	TM1	150 m	Shakedown TM cast to fill all bottles: MC/SJ/DR (12@150m)	12
8/5			No CTD or TM casts (Underway CTD mapping)	
8/6	CTD2	1000m	PB (3@1000,125m; 2@10m)	8
	CTD3	500 m	CORE cast-1 (2@5,45,75,100,125,150,175,200,300m), PB (0.25L@?)	20
	TM2	500 m	MC (12@150m)	12
	TM3	500 m	DR (6L@15,75,100,125,150,200,250,300,350,400,450,500), SJ (2L@same depths)	12
8/7	CTD4	500 m	PP array-1 (3@5,25,45,75,100,125 m), chl, FCM, DIC	18
	CTD5	500 m	ED (4L@25,150,175,200,300 m), JZ(4@25 m, 4@DCM)	13
	CTD6	500 m	SD (7@25 m)	7
	TM4	500 m	DR (2L@15,75,100,125,150,200,250,300,350,400,450,500), MC (4L@15, 150,300)	12
8/8	CTD7	500 m	DC (2@25,125,150 m)	6
	CTD8	500 m	Nfix-array-1 (3@5,25,45,75,100,125 m)	18
	TM5	500 m	MC (12@150m)	12
	CTD9	500 m	PB (8@DCM), DC (4@150 m), BVM 4L @ 15, 45, 75, DCM, 150, 300	18
	CTD10	500 m	SD (7@25 m), JZ(1@5,25,45,75,100,125,150, 175)	15
	CTD11	500 m	High Res 1: DK 6L all depths (DO, Nuts, DOC, LLN, TDN, TDP, ATP, PPO4), PB (0.25L@ all depths)	24
8/9	CTD12	500 m	BVM 4L @ 15, 45, 75, DCM, 150, 300	6
	TM6	500 m	SJ (5L @ 15, 75, 100, 125, 150, 200, 250, 300, 400, 500; 2@ 150)	12
	TM7	500 m	DR (6L @15,75,100,125,150,200,250,300,350,400,450,500)	12
8/10	CTD13	500 m	PP array-2 (3@5,25,45,75,100,125 m), chl, FCM, DIC	18
	TM8	500 m	DR (2L@15,125(2Lx2),150,200(2Lx2),250(2Lx2),300,400(2Lx2),500), MC (4L@15,150,300m), SJ (4@175m)	12
	CTD14	500 m	SD (7@25m), JZ (4@25m, 4@DCM), DC (4@175 m)	19
	CTD15	500 m	DC (2@25,125,150 m), AW (3@BLM, DCM), JZ(1@25m, DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	20
8/11	CTD16	500 m	Nfix-array-2 (3@5,25,45,75,100,125m)	18
	CTD17	500 m	AW (3@BLM, 3@DCM), JZ(1@25m, 1@DCM), DC (4@150m), BVM (4L @ 15,45,75,DCM,150, 300)	18
	TM9	500 m	DR (2L@15,125(2Lx2),150,200(2Lx2),250(2Lx2),300,350,400,500), SJ (3@200m)	12
	CTD18	500 m	AW (3@BLM, 3@DCM), JZ(1@25m, 4@DCM), DC(4@200 m)	15
	CTD19	500 m	AW (3@BLM, DCM), JZ(1@25m, DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	14
	CTD20	500 m	CORE cast-2 (5L@5,25,45,75,100,125,150,175,200,300m), PB (0.25L@?)	20
8/12	TM10	500 m	MC(12@150m)	12
	TM11	500 m	MC(12@150m)	12

	TM12	500 m	DR (6L @ 15,125(+2L),150, 200(+2L), 250, 300, 350, 400, 450, 500), SJ (2@300m)	12
	CTD21	500 m	JZ (1@5,25,45,75,100,125,150,175m); DC (4@300 m), BVM (4L@15,45,75,DCM,150,300)	18
8/13	CTD22	500 m	PP array-3 (3@5,25,45,75,100,125 m), chl, FCM, DIC	18
	CTD23	500 m	BVM (4L @ 15,45,75,DCM,150,300), DR (1@5, 2@25, 1@50, 1@100, 1@DCM-10m, 1@DCM-5m, 2L@DCM, 1@DCM+5m, 1@DCM+10m, 2L@150, 1@200m, 2L@300, salinity minimum, 500)	18
	TM13	500 m	DR (2L@15,75,100,125,150,200,250,300,350,400,450,500), MC (4L@15, 150,300)	12
	CTD24	500 m	SD (7@25 m), JZ (1@5,25,45,75,100,125,150,175 m)	15
	CTD25	500 m	BVM (4L @ 15,45,75,DCM,150,300)	6
8/14	CTD26	500 m	DC (2@25,125,150 m)	13
	CTD27	500 m	Nfix-array-3 (3@5,25,45,75,100,125 m)	18
	CTD28	500 m	PB-2 (6@DCM), JZ@(4@25 m, 4@DCM), DC(4@150 m), BVM (4L @ 15,45,75,DCM,150,300)	24
	CTD29	500 m	High Res 2: DK 6L@all depths (DO, Nuts, DOC, LLN, TDN, TDP, ATP, PPO4), PB (0.25L@?)	24
8/15	TM14	500 m	SJ (8L @ 15,75,100,125,150,200,250,300,350,400,450,500)	12
	CTD30	500 m	CORE cast-3 (5L@5,25,45,75,100,125,150,175,200,300 m)	21
8/16	CTD31	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
	CTD32	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
	CTD33	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
	CTD34	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
8/17	CTD35	500 m	AW (3@BLM, 3@DCM)	
	CTD36	500 m	ED (4L@25,150,175,200,300 m)	13
	CTD37	500 m	AW (3@BLM, 3@DCM)	6
	CTD38	500 m	High Res 3: DK 6L@all depths (DO, Nuts, DOC, LLN, TDN, TDP, ATP, PPO4); PB (0.25L@?)	24
	CTD39	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
	CTD40	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300)	12
	CTD41	500 m	AW (3@BLM, 3@DCM), BVM (4L @ 15, 45, 75, DCM, 150, 300), AI (4@25 m)	16
8/18	TM15	500 m	SJ (12@300 m)	12

PB=Paul Berube, DC=Dave Caron, MC=Matt Church, ED=Ed DeLong, SD=Sonya Dyhrman, SJ=Seth John, DK=Dave Karl, DR=Dan Repeta, AW=Angel White, JZ=Jon Zehr, BVM = Ben Van Mooy, AI = Anitra Ingalls