VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen	DB02-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
001	64	40.23 N	168	14.05 W	08	08	18	09	24	39.2

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	34	2[illegible]	X		X 1	283 FCM					
2	Bot-2	34						X		X		X
3	Bot-2	34										
4	Bot-2	34										
5	30	30.5				X 2	283 FCM					
6	30	30.5								X		
7	20	20.6	274			X 3	281 FCM					
8	20	20.6						X		X		
9	15	15.4				X 4	285 FCM SF					
10	15	15.4								X	4L	X
11	10	10.3		X		X 5	282 FCM					
12	10	10.3								X	4L	X
13	Surf	1.5	305	X		X 6	281 FCM SF					
14	Surf	1.5						X		X	4L	X
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen	

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
002	64	51.00 N	168	24.08 W	08	Aug	18	19	32	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Surf	3.3										
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fan	DBO 2-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
003	64	59.5	N	169	8.76	W	08	August	18	21	36	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics	
1	bottom	44.8											Jackie Dro ✓
2	bottom	44.8											
3	bottom	44.8		✓									
4	bottom	44.8	264'							X		✓	
5	bottom	44.8				7	281	✓					
6	bottom	44.8											
7	40	40.8				8	282						
8	40	↓								X			
9	30	30.4				9	285	✓					
10	30	↓								X		✓	
11	20	20.8		✓		10	281						
12	20	↓	276'							X	3.5L	✓	
13	10	10.5		✓		11	283						chl max
14	10	↓	302'							X	3.5L		
15	Surf	4.1		✓		12	283	✓					
16	Surf	↓	302'							X	3.5L	✓	
17													
18													
19													
20													
21													
22													
23													
24													

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Leah	DB02-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
004	64	57.6	N	169	53.9	W	09	Aug	18	00	35	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bottom	44.8	—	—	X	—	—					—
2			—	—	X	—	—					—
3				✓								
4			243									✓
5						13	281 FCM	✓				
6										X		
7	40	40.7				14	282 FCM					
8	40	"								X		
9	30	30.6				15	285 FCM					
10	30	"								X		✓
11	20	20.5		✓		16	281 FCM					
12	20	"	270							X		
13	10	10.2		✓		17	283 FCM SF	✓				
14	10	"	273							X	3.5	✓
15	Surf	2.4		✓		18	283 FCM SF	✓				
16	Surf	"	311							X	3.5	✓
17												
18												
19												
20												
21												
22												
23												
24												

Chl max

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiarqiang	

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
005	64	40.34 N	169	55.52 W	09	Aug	18	03	29	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.1										
2	bot-2	↓										
3	bot-2	↓	[illegible]	✓								
4	bot-2	↓	237									✓
5	bot-2	↓				019	288	✓				
6	bot-2	↓								X		
7	40	34.7	[illegible]	✓		020	281					
8	40	↓	282							X		
9	30	30.5				021	282					
10	30	↓								X		
11	20	20.3				022	285	✓				
12	20	↓								X		✓
13	15	14.9	[illegible]	✓		023	281					
14	15	14.9	272							X	3.5L	✓
15	10	10.7				024	283					
16	10	10.7								X	3.5L	
17	Surf	2.8	[illegible]	✓		025	283	✓				
18	surf	2.8	309							X	3.5L	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangiang	DB02-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
006	64	60.81 N	169	5.99 W	08	Aug	18	06	52	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	41.8										
2	bot-2											✓
3	bot-2			✓								
4	bot-2											
5	bot-2		310			026	281 FCM	✓				
6	bot-2									X		
7	40	37.6	173/306			027	282 FCM					
8	40	37.6								X		
9	30	30.6	234			028	285 FCM					
10	30	30.6								X		
11	20	20.5	171	✓		029	281 FCM SF	✓				
12	20	20.5								X		✓
13	10	9.6	211/187			030	283 FCM					
14	10	9.6								X	3.5L	✓
15	surf	2.8	176	✓		031	283 FCM SF	✓				
16	surf	2.8								X	3.5L	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen	T-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
007	66	25.02 N	168	40.64 W	09	Aug	18	15	48	57

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	53.8										
2	Bot-2	53.8										
3	Bot-2	53.8				032		X				
4	Bot-2	53.8								X		✓
5	50	50.5				033	281					
6	50	50.5								X		
7	40	40.5				034	282					
8	40	40.5								X		
9	30	30.3				035	285	X				
10	30	30.3								X		✓
11	25	25.2				036	288					
12	25	25.2								X	X	✓
13	20	20.1				037	281					
14	20	20.1								X		
15	10	10.4	207			038	283					
16	10	10.4								X	X	
17	Surf	3.7				039	283	X				
18	Surf	3.7								X	X	✓
19												
20												
21												
22												
23												
24												

SCM

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	T2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
008	67	09.86 N	168	39.75 W	09	08	18	21	06	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	43.6										
2	bot-2											
3	bot-2		133			040	288	✓				
4	bot-2									X		✓
5	40	40.7				041	281 FCM					
6	40									X		
7	30	30.2				042	282 FCM					
8	30									X		✓
9	20	20.5				043	285 FCM					
10	20									X	3.5	✓
11	15	15.5				044	281 FCM SF					
12	15									X		
13	10	10.5				045	283 FCM	✓				
14	10									X	3.5	
15	surf.	3.2				046	283 FCM SF	✓				
16	surf									X	3.5	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangiang	PB03-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
009	68	18.07 N	166	55.85 W	10	08	18	04	33	35

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	31.8		✓								
2	Bot-2	↓										✓
3	Bot-2	↓				47	282	✓				
4	Bot-2	↓								X		
5	20	20.2				48	285					
6	20	↓								X		
7	15	15.1				45	281					
SCM 8	15	↓								X		✓
9	10	10.3		✓		50	283	✓				
10	10	↓								X	3.5L	✓
11	Surf	2.7				51	283	✓				
12	Surf	↓	//	✓						X	3.5L	✓
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangiang	DBO3-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
010	68	14.79 N	167	97.56 W	10	08	18	06	27	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	40.7		✓								
2	bot-2	40.7										✓
3	bot-2	40.7	072*			052	281 FCM	✓				
4	bot-2	40.7								X		
5	30	32.7				053	282 FCM					
6	30	32.7										
7	20	20.4		✓		054	285 FCM					
8	20	20.4								X		✓
9	15	15.4				055	281 FCM SF					
10	15	15.4								X	3.5	✓
11	10	10.3				056	283 FCM	✓				
12	10	10.3								X	3.5	
13	Surf	2.7		✓		057	283 FCM SF	✓				
14	Surf	2.7		✓						X	3.5	✓
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

5cm

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801			

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
011	68	11.41 N	167	18.20 W	10	August	18	08	10	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	botton	45.42		/								
2	botton	↓								X		✓
3	botton	↓				058	281	X				
4	botton	↓										
5	40	40.49				059	288					
6	40	↓										
7	30	30.38		/		060	282					
8	30	↓										✓
9	20	20.41				061	285					
10	20	↓								X		
11	15	15.44		/		062	281					
12	15	↓								X	✓	✓
13	10	10.57				063	283	X				
14	10	↓								X	✓	
15	Surf	3.14		/		064	283	X				
16	Surf	↓	280							X	✓	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801			DBO 3-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
012	68	8.14 N	167	29.55 W	10	August	18	10	29	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	46.99		✓								
2	bottom	↓	22*							X		✓
3	bottom	↓				065	281	X*				
4	bottom	↓										
5	40	41.7				066	282					
6	40	↓										
7	30	30.44				067	281					
8	30	↓								X		
9	20	20.01				068	285					
10	20	↓								X		✓
11	10	10.1		✓		069	283	X*				
12	10	↓								X	X	✓
13	Surf	2.51		✓		070	283	X*				
14	Surf	↓								X	X	✓
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801			DB03-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
013	68	09.92 N	167	52.80 W	10	August	18	13	43	51.

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	51.05		✓								
2	bottom	↓								X*		✓
3	bottom	↓	247*			071	281	X*				
4	bottom	↓										
5	40	40.094				072	282					
6	40	↓										
7	30	30.3				073	285					
8	30	↓										✓*
9	20	21.186				074	285					
10	20	↓								X*		
11	15	15.225		✓*		075	281	X*				
12	15	15.225								X*	⊙	✓
13	10	10.335				076	283					
14	10	↓								X*	⊙	
15	surf	2.017		✓*		077	283*	X*				
16	surf	↓								X*	⊙	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	DBO 3-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
014	67	53.81 N	168	14.95 W	10	Aug	18	18	04	59

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	55.9	316	✓					✓			
2	bottom											
3	bottom					078		✓				
4	bottom	↓								X		✓
5	50	51.8				079	288		✓			
6	50	↓										
7	40	40.4				080	281		✓			
8	40	↓		✓								
9	30	30.5				081	282		✓			
10	30	↓								X		
11	25	25.2				082	285		✓			
SCM 12	25	↓		✓						X	2 LITRES	✓
13	20	20.3				083	281	✓	✓			
14	20	↓								X	(1) 3.5L	✓
15	10	10.5				084	283		✓			
16	10	↓								X	(1) 3.5L	
17	Surf	2.9	016			085	283	✓	✓			
18	Surf	↓		✓						X	(1) 3.5L	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

Acast-2 ☆

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Pergen & Jiangtang	DB03-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
014	67	53.79 N	168	14.32 W	10	08	18	21	45	59

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	~~Bot-2~~	~~55.1~~										
2	Bot-2				X							
3	Bot-2				X							
4	Bot-2											
5	Bot-2											
6	Bot-2											
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Tianqiang & Reison	DB03-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
015	67	47.11 N	168	36.02 W	11	08	18	01	12	51

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	46.3	—	—	X	—	—	—	—	—	—	—
Jackie 2	Bot-2	↓	—	—	X	—	—	—	—	—	—	—
3	Bot-2	↓		/								
4	Bot-2	↓										
5	Bot-2	↓				086	288	X				
6	Bot-2	↓								X		
7	40	40.5				087	281					
8	40	↓										
9	30	30.4				088	282					
10	30	↓								X		
11	24	24.3		/		089	285					
SCM 12	24	↓								X	3.5L	
13	20	20.3				090	281	X				
14	20	↓								X		
15	10	10.4		/		091	283					
16	10	↓	317							X	3.5L	
17	Surf	2.7		/		092	283	X				
18	Surf	↓								X	3.5L	
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangjiang & Peigen	DB03-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
016	67	40.61 N	168	57.40 W	11	08	18	05	04	51

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	47.8	—	—	X	—	—	—	—	—	—	—
2	bot-2		—	—	X	—	—	—	—	—	—	—
3	bot-2			✓								
4	bot-2											✓
5	bot-2					93	288 FCM	✓				
6	bot-2									X		
7	40	40.4				94	281 FCM					
8	40											✓
9	30	30.3				95	282 FCM					
10	30									X		
11	25	23.9		✓		96	285 FCM SP	✓				
12	25									X	3.5L	✓
13	20	20.1				97	281 FCM					
14	20									X		
15	10	10.3		✓		98	283 FCM					
16	10									X	3.5L	
17	Surf	3.1		✓		99	283 FCM SP	✓				
18	Surf		315 ✓							X	3.5L	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangiang & Peigen	C11

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
017	70	00.96 N	166	51.31 W	11	08	18	22	03	50

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.5	—	—	X	—	—			—		
2	bot-2	↓	—	—	X	—	—			—		
3	bot-2	↓							X			
4	bot-2	↓										✓
5	bot-2	↓				100	281					
6	bot-2	↓										
7	42	42.1	313			101	282, 288		X			
8	42											
9	30	30.0				102	285		X			
10	30											✓
11	20	20.1				103	281		X			
12	20										4L	✓
13	10	10.1				104	283		X			
14	10										3.5 L	
15	Surf	4.9				105	283		X			
16	Surf										3.5 L	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangjiang & Jorgen	C10

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
018	70	13.18 N	167	47.60 W	12	Aug	18	04	14	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	45.1			X							
2	Bot-2				X							
3	Bot-2								X			
4	Bot-2											✓
5	Bot-2					111	281					
6	Bot-2											
7	43	43.2	314			110	282 288		X			
8	43											✓
9	30	30.2				109	285		X			
10	30										3.5	✓
11	20	20.3				108	281		X			
12	20										2	
13	10	10.1				107	283		X			
14	10										3.5	
15	Surf	3.0				106	283		X			
16	Surf										3.5	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	IC1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
019	71	49.80 N	165	58.19 W	12	August	18	13	22	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	42.68										
2	bottom											
3	bottom											
4	bottom									X		✓
5	bottom		318			112	281	X				
6	bottom											✓
7	30	30.33	319			113	282					
8	30									X		
9	25	25.41	320			114	285					
10	25									X	3.5M	✓
11	20	20.36	321			115	281	X				
12	20									X		
13	10	10.44	322			116	283					
14	10										3.5M	
15	Surf	2.49	323			117	283	X				
16	Surf									X	3.5M	✓
17												
18												
19												
20												
21												
22												
23												
24												

5cm

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
0209	71	49.78 N	166	43.37 W	12	Aug	18	17	54	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42.09										
2	bot-2											
3	bot-2											
4	bot-2											
5	bot-2		310			118	288					
6	bot-2											
7	40	40.68	376			119	281					
8	40											
9	30	30.34	324			120	282					
10	30											
SCM 11	23	23.45				121	285					
12	23										2.5L	
13	20	20.68	325			122	281					
14	20											
15	10	10.33	327			123	283					
16	10										3.2L	
17	surf	2.82	326			124	283					
18	surf										3.5L	
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangjiang & Peigen	IC-1.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
021	71	45.84 N		165	47.07 W		12	08	18	21	18	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	40.5	—	—	X	—						—
2	Bot-2		—	—	X	—						—
3	Bot-2			/								
4	Bot-2			/								
5	Bot-2					125	281					
6	Bot-2											
7	30	30.0	187			126	282					
8	30	30.0										
9	25	25.2				127	285					
10	25											
11	20	20.1				128	281					
12	20											
13	10	10.0				129	283					
14	10	10.0										
15	Surf	2.8		/		130	283					
16	Surf	2.8										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Drydock

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Wangrevs & Reison	IC-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
022	71	42.32 N	165	36.18 W	12	08	18	22	16	43

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	39.7			X							
2	Bot-2				X							
3	Bot-2			✓	✓			✓				
4	Bot-2											
5	Bot-2					131	282 FCM					
6	Bot-2									X		
7	30	30.0				132	285 FCM SF					
8	20									X	3.5L	
9	20	19.8		✓		133	281 FCM					
10	20							✓		X		
11	10	12.0				134	283 FCM					
12	10									X	3.5L	
13	Surf	2.8		✓		135	283 FCM SF					
14	Surf	2.8	176					✓		X	3.5L	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peisen & Jiangiang	IC-2.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN				LONGITUDE DEG	LONGITUDE MIN				DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
023	71	39	.	30	N	165	27	.	30	W	12	08	18	23	57	42

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	28.6	—	—	X	—	—					
2	Bot-2		—	—	X	—	—					
3	Bot-2			/								
4	Bot-2											
5	Bot-2					134	281	✓				
6	Bot-2	↓										
7	30	29.8	207			137	282					
8	30	↓										
9	25	25.2				138	285					
10	25	↓										
11	20	20.3				139	281	✓				
12	20	↓										
13	10	10.0				140	283					
14	10	↓										
15	Surf	3.2		/		141	283	✓				
16	Surf	↓										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Jiangiang	IC - 3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
024	71	39.27 N	165	27.46 W	13	08	18	01	00	43

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	39.3			X							
2	bot-2				X							
3	bot-2			✓								
4	bot-2											✓
5	bot-2					142	281 FCM	X				
6	bot-2	✓								X		
7	30	30.1		✓		143	282 FCM					
8	30	↓										✓
9	25	24.8				144	285 FCM SF					
10	25	↓								X	3.5L	✓
11	20	20.0		✓		145	281 FCM	X				
12	20	↓								X		
13	10	10.2				146	283 FCM					
14	10	↓								X	3.5L	
15	Surf	2.9		✓		147	283 FCM SF	X				
16	Surf	↓	133							X	3.5L	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Jiangiang	IC-3-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
025	71	31.32 N	165	05.50 W	13	08	18	03	04	44

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	40.2	—	—	X	—	—	—	—	—	—	—
2	bot-2	↓	—	—	X	—	—	—	—	—	—	—
3	bot-2	↓		✓	✓							
4	bot-2	↓						✓				
5	bot-2	↓	72			148	281					
6	bot-2	↓										
7	30	30.1				149	282					
8	30											
9	25	24.9				150	285					
10	25											
11	20	20.0				151	281					
12	20	20.0						✓				
13	10	10.1				152	283					
14	10	10.1										
15	Surf	2.6		✓		153	283					
16	Surf	2.6						✓				
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		peigen & Jiangiang	IC-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
026	71	26.91 N	164	55.12 W	13	08	18	04	16	43

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	39.7	—	—	X	—	—	—	—	—	—	—
2	bot-2		—	—	X	—	—	—	—	—	—	—
3	bot-2			/								
4	bot-2		306			154	281 FCM	/				
5	bot-2		306									
6	bot-2									X		
7	30	30.1	111									
8	30					155	282 FCM			X		
9	25	24.9	280	/		156	285 FCM SF					
10	25		280							X	3.5L	
11	20	20.1				157	281 FCM					
12	20		173					/		X		
13	10	10.1		/		158	283 FCM					
14	10		221							X	3.5L	
15	Surf	2.9		/		159	283 FCM SF					
16	Surf	2.9	016					/		X	3.5L	
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes
5 had open valve
7 had open valve

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peisen & Jiamiang	IC-4.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
027	71	24.01 N	164	46.59 W	13	08	18	06	30	44

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	40.2	—	—	X	—	—	—	—	—	—	—
2	bot-2	↓	—	—	X	—	—	—	—	—	—	—
3	bot-2	↓		/								
4	bot-2	↓										
5	bot-2	↓				160	281					
6	bot-2	↓						/		X		
7	30	30.2				161	282					
8	30	↓								X		
9	25	25.2					285					
10	25	↓		/		162	285	/		X		
11	20	19.9				163	281					
12	20	↓								X		
13	10	10.0	317/315			164	283					
14	10	↓								X		
15	surf	4.2		/		165	283					
16	surf	↓						/		X		
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes
9 valve was open

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		peigen & jiangiang	IC-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
028	71	20.19 N		164	36.75 W		13	08	18	07	37	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	41.5		✓								
2	bot-2											
3	bot-2				X							
4	bot-2				X							
5	bot-2		313/314			166	282	✓				
6	bot-2											✓
7	30	29.9		✓		167	285					
8	30										3.5L	✓
9	20	20.0				168	281	✓				
10	20											✓
11	10	9.8		✓		169	283					
12	10										3.5L	
13	Surf	3.1		✓		170	283	✓				
14	Surf										3.5L	✓
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes
Bottle 2 lower cap not seated

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	IC-5.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
029	71	16.48 N	164	25.86 W	13	Aug	18	09	29	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.18										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓				171	282	X				
6	bot-2	↓										
7	30	30.2				172	285					
8	30	↓										
9	20	20.3				173	281	X				
10	20	↓										
11	10	10.2				174	283					
12	10	↓										
13	surf	3.3	318			175	283	X				
14	surf	↓										
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	IC-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
030	71	11.71 N	164	12.11 W	13	Aug	18	1	042	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	39.0										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓								X		
5	bot-2	↓	322			176	282	X				
6	bot-2	↓										
7	30	30.5				177	285					
8	30	↓	321							X	MEC	
9	20	20.5	234			178	281	X				
10	20	↓								X		
11	10	10.5	320			179	283					
12	10	↓								X	MEC	
13	surf	3.3				180	283	X				
14	surf	↓								X	MEC	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	IC-6.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
031	71	08.68 N	163	59.87 W	13	Aug	18	12	18	44

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	40.2										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓				181	281	X				
6	bot-2	↓										
7	30	29.9				182	282					
8	30	↓										
9 (SCM)	25	25.2				183	285					
10	25	↓										
11	20	20.2				184	281	X				
12	20	↓										
13	10	10.3				185	283					
14	10	↓										
15	surf	3.0	319			186	283	X				
16	surf	↓										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	1C-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
032	71	05.09 N	163	48.14 W	13	August	18	13	19	44

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	40.73										
2	bottom	↓										
3	bottom	↓		✓								
4	bottom	↓										✓
5	bottom	↓	171			187	281	X				
6	bottom	↓										
7	35	35.34		✓		188	282					
8	35	↓									M&C	✓
9	30	30.15				189	285					
10	30	↓										✓
11	20	20.02		✓		190	281	X				
12	20	↓										
13	10	10.23				191	283					
14	10	↓									M&C	
15	Surf	2.80		✓		192	283	X				
16	Surf	↓									M&C	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	C2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
033	71	13.94 N	164	13.26 W	13	August	18	17	51	44

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	40.91										
2	bottom											
3	bottom								/			
4	bottom									X		
5	bottom					193	281					
6	bottom											
7	39	39.59	333/446			194	282					
8	39	↓							/	X		
9	37	37.53	211			195						
10	37	↓							/			
11	35	35.43				196	285					
12	35	↓							/			
13	30	30.28				197	281					
14	30	↓							/	X	/	
15	20	20.62				198						
16	20	↓							/	X		
17	14	14.33				199	283					
18	14	↓							/			
19	10	10.31	242			200	283					
20	10	↓							/	X	/	
21	surf	2.73				201						
22	surf	↓							/	X	/	
23												
24												

SCM

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangjiang	IC-7.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
034	71	01.93 N	163	40.99 W	14	08	18	02	04	46

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42.1			X							
2	bot-2	↓			X							
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓	269			202	282	✓				
6	bot-2	↓								X		
7	30	30.1				203	285					
8	30	↓								X		
9	20	20.1				204	281	✓				
10	20	↓								X		
11	10	10.1				205	283					
12	10	↓								X		
13	Surf	3.8		✓		206	283	✓				
14	Surf	3.8								X		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peisen & Jiangiang	IC-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
035	70	58.34	N	163	33.93	W	14	08	18	03	02	46

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42.7			X							
2	bot-2				X							
3	bot-2			/								
4	bot-2							/				
5	bot-2					207	282 FCM					
6	bot-2	↓								X		
7	30	29.9		/		208	285 FCM SF					
8	30									X	3.5	
9	20	20.0		/		209	281 FCM					
10	20							/		X		
11	10	10.2				210	283 FCM					
12	10									X	3.5	
13	Surf	3.7	278	/		211	283 FCM SF					
14	Surf							/		X	3.5	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		peisen & Jiangiong	IC-8.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
036	70	54.82 N	163	22.30 W	14	08	18	05	01	46

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42.8	—	—	X	—	—	—	—			
2	bot-2		—	—	X	—	—	—	—			
3	bot-2			/								
4	bot-2							/				
5	bot-2					212	281					
6	bot-2	↓										
7	30	30.0				213	282					
8	30											
9	25	25.0				214	285					
10	25							/				
11	20	20.1				215	281					
12	20											
13	10	10.2	305			216	283					
14	10											
15	Surf	4.3		/		217	283					
16	Surf							/				
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peizen & Jiangiang	IC-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
037	70	50.94 N	163	11.24 W	14	08	18	06	08	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42			X							
2	bot-2				X							
3	bot-2			—								
4	bot-2											✓
5	bot-2					218	282 FCM	—				
6	bot-2	↓	307							X		
7	30	30.0		—		219	285 FCM SF	—				
8	30	↓	243							X		✓
9	20	20.1		—		220	281 FCM					
10	20	↓	264							X	3.5L	✓
11	10	9.9				221	283 FCM					
12	10	↓	308							X	3.5L	
13	Surf	3.7		—		222	283 FCM SF	—				
14	surf	3.7	270							X	3.5L	✓
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

4

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		peigen & Jiangiang	IC-9.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
038	70	47.29	N	163	00.59	W	14	08	18	07	49	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	42.3			X							
2	bot-2				X							
3	bot-2			/								
4	bot-2									X		
5	bot-2					223	282	X				
6	bot-2											
7	30	29.8		/		224	~~285~~	X				
8	30									X		
9	20	19.5				225	281					
10	20									X		
11	10	10.0	276			226	283					
12	10										2L	
13	surf	3.3		/		227	283	X				
14	surf	3.6								X	2L	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

3 layer system!
35-45m ← what am I?
25-35m
0-25m

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	1C-10

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
039	70	43.04 N	162	51.43 W	14	August	18	08	53	43

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	40.22										
2	bottom	↓										
3	bottom			/								
4	bottom									X		
5	bottom		273			228	281	X				
6	bottom	↓										
7	30	30.04				229	282	X				
8	30	↓								X		
9	25	24.72		/		230	285					
10	25	↓								X	✓	
11	20	20.21		/		231	281					
12	20	↓								X		
13	10	10.47				232	283					
14	10	↓									✓	
15	Surf	3.45		/		233	283	X				
16	Surf	↓								X	✓	
17											✓	
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	K-1015

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
040	70	39.17 N	162	39.98 W	14	August	18	10	42	41

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	34.93										
2	bottom	↓										
3	bottom											
4	bottom											
5	bottom					234	282	X				
6	bottom	↓										
7	30	29.87				235	285	X				
8	30	↓									✓	
9	20	20.03				236	281					
10	20	↓										
11	10	10.05	311			237	293					
12	10	↓									✓	
13	surf	3.58				238	283	X				
14	surf	↓									✓	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	IC-11

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
041	70	34.80 N	162	29.52 W	14	August	18	11	54	39

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	36.44										
2	bottom	↓										
3	bottom	↓		✓								
4	bottom	↓								X		✓
5	bottom	↓	232			239	281	X				
6	bottom	↓										
7	30	30.24	272			240	282					
8	30	↓								X		✓
9	25	25.46		✓		241	285	X				
10	25	↓								X		✓
11	20	20.45		✓		242	281					
12	20	↓								X		
13	10	10.42	282			243	283					
14	10	↓									✓	
15	Surf	2.86	309	✓		244	283	X				
16	Surf	↓								X	✓	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	C-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
042	70	50.18	N	163	06.87	W	14	Aug	18	18	15	46

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	41.9										
2	bot-2	↓										
3	bot-2	↓							✓			
4	bot-2	↓										
5	bot-2	↓				245	288					
6	bot-2	↓										
7	40	40.8	37/376			246	281		✓			
8	40	↓										
9	30	30.5				247	282		✓			
10	30	↓										
11	25	25.5				248	285		✓			
12	25	↓										
13	20	20.5				249	281		✓			
14	20	↓										
15	10	10.4				250	283		✓			
16	10	↓										
17	surf	3.0				251	283		✓			
18	surf	↓										
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Jiangtang	C4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
043	71	02.90 N	160	28.93 W	15	08	18	07	16	53

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	49.6										
2	Bot-2	↓										
3	Bot-2	↓							X			
4	Bot-2	↓										
5	Bot-2	↓				252	288					
6	Bot-2	↓										
7	44	43.8	310/325			253			X			
8	44	↓										
9	42	41.8				254	281		X			
10	42	↓										
11	30	30.0				255	282		X			
12	30	↓										
13	25	25.1				256	285		X			
14	25	↓										
15	25	↓										
16	25	↓									3.5L	
17	20	20.1				257	281					
18	20	↓										
19	10	10.3				258	283					
20	10	↓									3.5L	
21	Surf	2.6				259	283					
22	Surf	2.6									3.5L	
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
044	71	05.40 N	161	11.59 W	15	Aug	18	09	39	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.34										
2	bot-2	↓										✓
3	bot-2	↓		✓								
4	bot-2	↓										
5	bot-2	↓				260	281	X				
6	bot-2	↓								X		
7	40	40.14	187			261	282					
8	40	↓								X		
9	30	30.45	207			262	285					
10	30	↓								X		✓
11	22	22.20	324	✓		263	281	X				
12	22	↓								X	MIC	✓
13	20	20.61				264						
14	20	↓										✓
15	10	10.19	326			265	283					
16	10	↓								X	MIC	
17	surf	3.14	176	✓		266	283	X				
18	surf	↓		✓						X	MIC	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	PB04-2N

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
045	71	13.42 N	161	17.34 W	15	August	18	12	17	50

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	46.48			X							
2	bottom	↓			X							
3	bottom	↓		/								
4	bottom	↓								X		✓
5	bottom	↓	133			267	288	X				
6	bottom	↓										
7	40	40.09				268	281					
8	40	↓								X		✓
9	30	30.10				269	282					
10	30	↓										✓
11	25	25.18		/		270	285					
12	25	↓								X	✓	
13	20	20.17				271	281	X				
14	20	↓								X		
15	10	10.14		/		272	283					
16	10	↓								X	✓	
17	Surf	3.72		/		273	283	X				
18	Surf	↓								X	✓	✓
19												
20												
21												
22												
23												
24												

SCM

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	D1304 - 3N

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
046	71	21.02 N	161	23.77 W	15	Aug	18	15	56	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	44.2			X							
2	bottom	↓			X							
3	bottom	↓		/								
4	bottom	↓								X		✓
5	bottom	↓	22/306			274	286	X				
6	bottom	↓										
7	40	40.5				275	281					
8	40	↓										
9	30	30.4	016			276	282					
10	30	↓								X		✓
11	20	20.6				277	285					
12	20	↓								X		
13	15	15.6		/		278	281	X				
14	15	↓									MSC	✓
15	10	10.3				279	285					
16	10	↓								X	MSC	
17	surf	5.1	072			280	283	X				
18	surf	↓		/						X	MSC	✓
19												
20												
21												
22												
23												
24												

Weather log:
WICKER PISSAH STAWM
WINDS ~35 KNOTS
SOME LSO. CHUNKS SEA ICE, WALRI

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Foi	DB04-4N

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
047	71	28.83 N	161	30.25 W	15	August	18	18	41	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom				X							
2	bottom				X							
3	bottom	44.71										
4	bottom	↓										✓
5	bottom	↓				281	288	X				
6	bottom	↓								X		
7	40	40.79				282	281					
8	40	↓										
9	30	30.55				283	282					
10	30	↓								X		✓
11	25	25.49				284	285					
12	25	↓								X	✓	✓
13	20	20.20				285	281	X				
14	20	↓								X		
15	10	10.37				286	283					
16	10	↓								X	✓	
17	surf	3.04	269			287	283	X				
18	surf	↓								X	✓	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Tiangyang	UAF-CSO

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
048	71	35.99 N	161	33.04 W	15	08	18	21	30	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	36	36.2	325			288	281					
2	36		173			289	282					
3	36		280			290	285					
4	36		310			291	281					
5	36		327			292	283					
6	36		376			293	283					
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigan & Tanginey	DB04-5R

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
049	71	36.62 N	161	36.90 W	15	08	18	22	10	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	43.3	—	—	X	—	—	—	—	—	—	—
2	bot-2	↓	—	—	X	—	—	—	—	—	—	—
3	bot-2	↓		/				/				
4	bot-2	↓		/								✓
5	bot-2	↓				294	288 FCM					
6	bot-2	↓								X		
7	40	40.3				295	281 FCM					
8	40	↓										
9	30	30.0				296	282 FCM					
10	30	↓								X		✓
11	25	25.4				297	285 FCM SF					
12	25	↓								X	3.5	✓
13	20	20.0		/		298	281 FCM	/				
14	20	↓								X		
15	10	9.9				299	283 FCM					
16	10	↓								X	3.5	
17	surf	3.2		/		300	283 FCM SF	/				
18	surf	↓	278							X	3.5	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Tianyiang	DBO4-6N

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
050	71	46.52	N	161	35.18	W	16	08	18	02	12	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics	
1	bot-2	40.4			X								done
2	bot-2				X								
3	bot-2												
4	bot-2											✓	
5	bot-2		305			301	281						
6	bot-2									X			
7	30	29.9				302	282						
8	30									X		✓	
9	25	25.0				303	285						
10	25									X	3.5L	✓	
11	20	19.9				304	281						
12	20									X			
13	10	9.9				305	283						
14	10									X	3.5L		
15	Surf	2.8				306	283						
16	Surf									X	3.5L	✓	
17													
18													
19													
20													
21													
22													
23													
24													

Weather log:

cloudy ice

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Jiangiang	S1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
051	71	43.16 N	161	08.39 W	16	08	18	06	11	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	40.6										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓	243			307	281 FCM					
6	bot-2	↓										
7	30	30.1				308	282 FCM					
8	30	↓										
9	25	25.1				309	285 FCM SF					
10	25	24.6										
11	20	19.9				310	281 FCM					
12	20	↓										
13	10	10.1				311	283 FCM SF					
14	10	↓										
15	surf	2.2				312	283 FCM SF					
16	surf	2.6										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Tiangiang & Peiyan	

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
052	71	38.54	N	160	47.65	W	16	Aug	18	07	52	50

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	46.0										
2	Bot-2	↓										
3	Bot-2	↓										
4	Bot-2	↓										
5	Bot-2	↓				336	288					
6	Bot-2	↓										
7	40	39.9				337	281					
8	40	↓										
9	30	29.4				338	282					
10	30	↓										
11	25	24.7				339	285					
12	25	↓										
13	20	19.7				340	281					
14	20	↓										
15	10	9.9				341	283					
16	10	↓										
17	Surf	2.9	270			342	283					
18	Surf	↓										
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	CTD53

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
053	71	33.80 N	160	26.49 W	16	August	18	09	23	51

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	46.02										
2	bottom	↓										
3	bottom	↓										
4	bottom	↓										
5	bottom	↓	264			343	288					
6	bottom	↓										
7	40	40.48				344	281					
8	40	↓										
9	30	29.77				345	282					
10	30	↓										
11	26	26.18				346	285					
12	26	↓										
13	20	19.98				347	281					
14	20	↓										
15	10	10.74				348	283					
16	10	↓										
17	Surf	2.18				349	283					
18	Surf	↓										
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	CTD54

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
054	71	29.15 N	160	05.75 W	16	August	18	11	07	53

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	45.48										
2	bottom	↓										
3	bottom											
4	bottom											
5	bottom					350	288					
6	bottom	↓										
7	40	40.55				351	281					
8	40	↓										
9	30	30.48				352	282					
10	30	↓										
11	24	24.51				353	285					
12	24	↓										
13	20	20.54				354	281					
14	20	↓										
15	10	10.46				355	283					
16	10	↓										
17	Surf	4.01	307			356	283					
18	Surf	↓										
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	CTD 55

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
055	71	24.40	N	159	44.64	W	16	Aug	18	12	36	51

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot	45.5										
2	bot	↓										
3	bot	↓										
4	bot	↓										
5	bot	↓	308/276			357	283					
6	bot	↓										
7	40	40.3				358	282					
8	40	↓										
9	30	30.5				359	285					
10	30	↓										
11	20	20.4				360	281					
12	20	↓										
13	10	10.5				361	283					
14	10	↓										
15	Surf	4.2				362	283					
16	Surf	↓										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	CTD56

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
056	71	19.68 N	159	24.47 W	16	August	18	13	53	56

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	51.59										
2	bottom	↓										
3	bottom	↓										
4	bottom	↓										
5	bottom	↓				363	281					
6	bottom	↓										
7	40	40.37				364	282					
8	40	↓										
9	30	31.57				365	285					
10	30	↓										
11	20	20.18				366	281					
12	20	↓										
13	10	10.30				367	283					
14	10	↓										
15	Surf	5.76	273			368	283					
16	Surf	↓										
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

need to scan

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	C5

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
057	71	12.27	N	158	0.85	W	16	Aug	18	18	45	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.8										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓										
6	bot-2	↓										
7	44	44.0	311			369	281					
8	44	↓										
9	40	40.5				370	282					
10	40	↓										
11	30	30.4				371	285					
12	30	↓										
13	20	20.2				372	281					
14	20	↓										
15	10	10.2				373	283					
16	10	↓										
17	Surf	4.9				374	283					
18	Surf	↓										
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Tianqiang	PB05-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
058	71	14.82	N	157	08.09	W	17	08	18	00	59	45

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	41.6	—	—	X	—	—					
2	bot-2		—	—	X	—	—					
3	bot-2			/								
4	bot-2											✓
5	bot-2		278			375	282 FCM	✓				
6	bot-2	↓								X		
7	30	30.2		/		376	285 FCM SF					
8	30	↓								X		
9	20	20.3		/		377	281 FCM			/		
10	20	↓		/						X		✓
11	10	10.5				378	283 FCM					
12	10	↓								X	3.5	✓
13	Surf	2-7		/		379	283 FCM SF	✓				
14	Surf	↓								X	3.5	✓
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Deigen & Jiangiang	DB05-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
059	71	17.35 N	157	13.25 W	17	Aug	18	02	55	56

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-2	53	—	—	X	—	—	—	—	—	—	
2	Bot-2	↓		—	X	—	—	—	—	—	—	—
3	Bot-2	↓		/								
4	Bot-2	↓										✓
5	Bot-2	↓				280	281	/				
6	Bot-2	↓								X		
7	40	40.1				381	282					
8	40	↓								X		
9	30	30.1		/		282	285	/				
10	30	↓								X	3.5L	✓
11	20	20.2		/		383	281					
12	20	↓								X		✓
13	10	10.2				284	283					
14	10	↓								X	3.5L	✓
15	Surf	3.6	205	/		385	283	/				
16	Surf	↓								X	3.5L	✓
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Jiang Tang	DB05-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
060	71	19.57 N	157	18.40 W	17	08	18	04	36	89

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	84.6	—	—	X	—	—					—
2	bot-2	↓	—	—	X	—	—					—
3	bot-2	↓		/								
4	bot-2	↓										X
5	bot-2	↓	243			386		X				
6	bot-2	↓								X		
7	75	75.1				387						
8	75	↓										
9	50	50.1		/		388	281 FCM					
10	50	↓								X		
11	40	39.8		/		389	282 FCM					
12	40	↓		/						X		X
13	30	30.0				390	285 FCM SF					
14	30	↓								X		
15	20	20.0		/		391	281 FCM					
16	20	↓								X		X
17	10	9.7				392	283 FCM					
18	10	↓								X	X	
19	surf	3.5		/		393	283 FCM SF	X				
20	surf	↓								X	X	X
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Jiangiang	DB05-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
061	71	22.36 N	157	22.83 W	17	08	18	06	30	116

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	108.3		/								
2	bot-2	↓										X
3	bot-2	↓										
4	bot-2	↓										
5	bot-2	↓	264/270			394						
6	bot-2	↓						/		X		
7	75	75.0		/		395						
8	75	↓										X
9	50	50.1		/		396	281					
10	50	↓								X		
11	40	40.0		/		397	282					
12	40	↓								X		X
13	30	30.5		/		398	285					
14	30	↓								X		
15	20	20.1				399	281					
16	20	↓								X		
17	10	10.0				400	283					
18	10	↓								X	X	
19	surf	3.3		/		401	283					
20	surf	↓						/		X	X	X
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	DB05-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
062	71	24.57 N	157	26.99 W	17	August	18	08	29	131

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	123.71										
2	bottom											x
3	bottom											
4	bottom									X		
5	bottom		307			402						
6	bottom											
7	100	100.51	316			403						
8	100									X		x
9	75	75.40	[illegible]			~~404~~						
10	75		309			404				X		
11	50	50.72	233			405	281					
12	50											
13	40	40.42	327			406	282					
14	40									X		
15	30	30.45	272			407	285					
16	30											
17	20	20.08	[illegible]			408	281					
18	20		282							X		x
19	10	10.57	276			409	283				✓	
20	10											
21	Surf	4.55	[illegible]			410	283					
22	Surf		308							X	✓	x
23												
24												

Weather log:

Rosette Notes
#9 not sealed

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	DB05-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
063	71	27.25 N	157	33.21 W	17	August	18	10	29	120

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	112.76										
2	bottom											✓
3	bottom											
4	bottom									X		
5	bottom		187			411		X				
6	bottom											
7	100	100.70				412						
8	100											✓
9	75	75.74				413						
10	75									X		
11	50	50.37				414	281	X				
12	50									X		
13	40	40.50				415	282					
14	40									X		
15	30	30.56				416	285					
16	30											x
17	20	20.10				417	281					
18	20									X		
19	10	10.46				418	283					
20	10									X	✓	
21	surf	3.30				419	283	X				
22	surf									X	✓	x
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	DB05-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
064	71	29.72 N	157	37.60 W	17	Aug	18	12	15	96

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	83.2										
2	bot-2	↓										X
3	bot-2	↓		/								
4	bot-2	↓								X		
5	bot-2	↓	324			420		X				
6	bot-2	↓										
7	75	75.5				421						
8	75	↓										X
9	50	50.5		/		422	281					
10	50	↓								X		
11	40	40.3				423	282					
12	40	↓										
13	30	30.3				424	285					
14	30	↓								X		
15	20	20.5		/		425	281					
16	20	↓										X
17	10	10.3				426	283					
18	10	↓								X	MX	
19	surf	3.4		/		427	283	X				
20	surf	↓								X	MX	X
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	DB05-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
065	71	32.17 N	157	42.69 W	17	August	18	13	48	75

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics	
1	bottom												misfired
2	bottom	68.82										X	
3	bottom												
4	bottom												
5	bottom			✓									
6	bottom									X			
7	bottom	↓				428		X					
8	50	50.36								X			
9	50	↓				429	281						
10	40	40.31								X	✓	X	
Scm 11	40	↓		✓		430	282						
12	30	30.61								X		X	
13	30	↓				431	285						
14	20	20.60											
15	20	↙		✓		432	281						
16	10	10.31								X	✓		
17	10	↘				433	283						
18	surf	3.16								X	✓	X	
19	surf		176	✓		434	283	X					
20													
21													
22													
23													
24													

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	DBO 5-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
066	71	35.02 N	157	49.00 W	17	August	18	15	27	66

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	60.4										
2	bottom	↓										x
3	bottom	↓		↓								
4	bottom	↓								X		
5	bottom	↓	326			435		X				
6	bottom	↓										
7	50	50.4				436	281					
8	50	↓										
9	40	40.6		↓		437	282					
10	40	↓								X		x
11	30	30.5				438	285					
12	30	↓										x
13	20	19.8				439	281					
14	20	↓								X		
15	10	10.3		↓		440	283					
16	10	↓								X		
17	surf	3.3		↓		441	283	X				
18	surf									X		x
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	DB05-10

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
067	71	37.56	N	157	53.95	W	17	Aug	18	17	42	64

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	58.34			X							
2	bottom	↓			X							
3	bottom	↓		/								✓
4	bottom	↓										
5	bottom	↓				442		X				
6	bottom	↓								X		
7 (50m)	50	50.60		/		443	281					
8 (50m)	50	↓								X		
9	40	40.34		/		444	282					
10	40	↓								X	MEC	✓
11	30	30.41		/		445	285					
12	30	↓								X		
13	20	20.12				446	281					
14	20	↓								X		✓
15	10	10.28	133/207			447	283					
16	10	↓								X	MEC	
17	surf	3.14		/		448	283	X				
18	surf	↓								X	MEC	✓
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS4-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
070	72	01.19 N	153	15.14 W	18	August	18	08	28	

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	300	300.32		/		449						
2	300	↓										
3	250	250.45										
4	250	↓										
5	S=33.1	207.0		/		450		X				
6	S=33.1	↓										
7	150	150.86		/		451						
8	150	↓										
9	100	100.48		/		452						
10	100	↓										
11	50	50.27		/		453						
12	50	↓										
13	Surf	2.87		/		454		X				
14	Surf	↓									MAC	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS4-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
071	71	57.02 N	153	21.56 W	18	August	18	1	006	1397

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bottom	1255.87			X							
2	Bottom				X							
3	Bottom			✓		✓ 455			✓		0.1 mL	
4	Bottom	↓	311/317									✓
5	1000	1000.30	315			✓ 456			✓			
6	750	750.38	314	✓		✓ 457						
7	600	600.48	313						✓			
8	500	500.49	318									
9	400	400.54	234	✓		✓ 458			✓			
10	300	300.48	322/320			✓ 459						✓
11	300	↓		✓					✓			
12	S=33.1	190.39		✓		✓ 460		X				
13	150	150.47	321						✓			
14	100	100.39	319	✓		✓ 461						
15	75	75.28	179			✓ 462			✓			
16	50	50.53	242									
17	50	↓		✓		✓ 463	281 FCM		✓			
18	40	40.50	266				282 FCM					
19	30	30.20							✓			
20	30	↓	323			✓ 464	285 FCM SF					✓
21	20	20.46	211			✓ 465	281 FCM		✓		X	
22	10		72			✓ 466	283 FCM				X	
23	Surf			✓			283 FCM SF		✓			
24	Surf		224			✓ 467		X			X	✓

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS4-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
072	71	53.56 N	153	27.72 W	18	Aug	18	13	12	727

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	500	500.4		✓		468						
2	500	↓	269									
3	350	350.5	325			469						
4	350	↓										
5	250	250.4	16/306			470						
6	200	200.4		✓		471						
7	Sal331	176.2				472		X				
8	Sal331	↓										
9	125	125.2		✓		473						
10	100	100.6				47						
11	100	↓				474						
12	75	75.2										
13	75	↓				475						
14	50	50.3		✓		476	281					
15	40	40.2				477	282					
16	40	↓										
17	30	30.3				478	285					
18	30	↓										
19	20	20.1		✓		479	281					
20	20	↓										
21	10	10.3				480	283					
22	10	↓										
23	surf	2.5		✓		481	283	X				
24	surf	↓										

Weather log:

Rosette Notes

50

300

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	054-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
073	71	50.29 N	153	32.96 W	18	August	18	15	04	200

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	188.8	280.	✓		482.						
~~2~~	~~bottom~~	~~↓~~										
3	5=33.1	180.2						X				
4	5=33.1	↓										
5	125	125.2	376.	✓		483						
6	100	100.2										
7	100	↓				484						
8	75	75.2		✓								
9	75	↓				485						
10	50	50.3										
11	50	↓				486.	281					
12	40	39.6										
13	40	↓				487.	282					
14	30	30.2										
15	30	↓		✓		488	285					
16	20	20.2										
17	20	↓		✓		489	281					
18	10	10.2										
19	10	↓				490	283					
20	surf	2.5	173.			491	283	X				
21	surf	↓		✓								
22												
23												
24												

Weather log:

Rosette Notes bottle 2 - not sealed on bottom - leaking when it came up.

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS4-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
074	71	47.11 N	153	38.52 W	18	August	18	16	49	139

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	130.4				492						
2	bottom	↓										
3	125	125.7				493						
4	125	↓										
5	100	100.7				494						
6	100	↓										
7	75	75.4				495						
8	75	↓										
9	50	50.2				496	281					
10	50	↓										
11	40	40.4				497	282					
12	40	↓										
13	30	29.9	310			498	285					
14	30	↓								X		
15	20	20.4				499	281					
16	20	↓								X		
17	10	10.4				500	283					
18	10	↓								X		
19	Surf	2.3				501	283	X				
20	Surf	↓								X		
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS4-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
075	71	43.15 N	153	44.22 W	18	Aug	18	17	59	56

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot	50.5		/		502						
2	bot	↓										
3	bot	↓										
4	bot	↓										
5	40	40.7		/		503						
6	40	↓										
7	30	30.5				504						
8	30	↓										
9	20	19.9		/		505						
10	20	↓										
11	10	10.2				506						
12	10	↓										
13	surf	3.3		/		507		X				
14	surf	↓										
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	054-J

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
076	71	39.42 N	153	50.61 W	18	August	18	18	52	50

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bottom	43.3										
2	bottom	↓										
3	bottom					568	282 FCM					
4	bottom	↓										
5	30	30.4				5.9	285 FCM					
6	30	↓										
7	20	20.3				510	281 FCM SF					
8	20	↓									M11	
9	10	10.3				511	283 FCM					
10	10	↓									M12	
11	Surf	2.7				512	283 FCM SF	X			M	
12	Surf	↓									M11	
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

SCM

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Tiangiang	054-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
077	71	35.84 N	153	56.34 W	18	08	18	19	45	47

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.9										
2	bot-2	↓		✓								
3	bot-2	↓				513						
4	bot-2	↓										
5	40	40.1										
6	40	↓										
7	30	29.8										
8	30	↓										
9	20	20.0				514						
10	20	↓		✓								
11	10	10.1				515						
12	10	↓		✓								
13	surf	2.4				516						
14	surf	↓		✓				✓				
15												
16												
17												
18												
19												
20												
21												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangjiang & Reisen	OS4-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
078	71	32.32 N	154	02.26 W	18	08	18	20	35	48

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	44.8	—		X	—	—					
2	bot-2	↓	—		X	—						
3	bot-2	↓		/			281 FCM					
4	bot-2	↓				517						
5	40	40.1		/			282 FCM					
6	40	↓				518						
7	30	29.9		/			285 FCM					
8	30	↓				519				X		
9	20	20.0		/			281 FCM SF					
10	20	↓				520				X		
11	10	10.0		/			283 FCM					
12	10	↓				521				X		
13	Surf	2.5		/			283 FCM SF	/				
14	Surf	↓				522				X		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Tianqiang & Peigen	053-

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
079	71	29.75	N	154	28.37	W	18	08	18	22	04	39

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	35.2										
2	bot-2	↓										
3	bot-2	↓										
4	bot-2	↓										
5	30	30.1										
6	30	↓								X		
7	20	20.0										
8	20	↓								X		
9	10	10.1										
10	10	↓								X	✓	
11	Surf	3.0						✓				
12	Surf	↓								X	✓	
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigan & Jiangiang	OS 3-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
080	71	33.86 N	154	29.38 W	18	08	18	22	49	39

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	surf	2.9						✓				
2	surf	↓										
3												
4												
5												
6												
7												
8												
9												
10												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Tianqiang	OS3-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
081	71	37.90	N	134	29.62	W	18	08	18	23	31	43

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	bot-2	2.9										
2	bot-2	↓										
3												
4												
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Jiangjiang	053-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
082	71	41.79 N	154	30.19 W	19	Aug	18	01	13	49

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Surf	2.8						✓				
2	Surf	↓										
3												
4												
5												
6												
7												
8												
9												
10												
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21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		peigen & Jiangiang	053-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
083	71	45.90 N	154	31.79 W	19	18	18	00	57	124

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	surf	2.6										
2	surf	↓										
3												
4												
5												
6												
7												
8												
9												
10												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peiyan & Jiangiang	OS3-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
084	71	49.98 N	154	32.72 W	19	08	18	01	41	177

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Bot-5	166.9										
2	Bot-5	↓										
3	Bot-5	↓										
4	Bot-5	↓										
5	125	124.9										
6	125	↓										
7	100	100.2										
8	100	↓										
9	75	75.1										
10	75	↓										
11	50	50.1										
12	50	↓										
13	40	40.1										
14	40	↓										
15	30	30.2										
16	30	↓								X		
17	20	20.3										
18	20	↓								X	X	
19	10	10.0										
20	10	↓								X	X	
21	Surf	2.8										
22	Surf	↓						X		X	X	
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS 3-10

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
085	71	54.10 N	154	34.19 W	19	August	18	11	03	205

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	135.6						X				
2	Sal 33.1	↓										
3	Surf	2.6						X				
4	Surf	↓										
5												
6												
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS3-11

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
086	71	58.05 N	154	35.12 W	19	August	18	11	58	310

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	133.8						X				
2	Sal 33.1	↓										
3	Surf	2.7						X				
4	Surf	↓										
5												
6												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS 3-12

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
087	72	2.14 N	154	35.04 W	19	Aug	18	12	56	912

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	144.5						X				
2	S=33.1	↓										
3	Surf	2.7						X				
4	Surf	↓										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	053-13

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
088	72	06.19 N	154	35.82 W	19	August	18	13	53	1418

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	158.3						X				
2	Sal 33.1	↓										
3	Surf	3.0						X				
4	Surf	↓										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS 3-14

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
089	72	10.13 N	154	36.74 W	19	Aug	18	14	47	1172

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	160.4						X				
2	S=33.1	↓										
3	Surf	2.8						X				
4	Surf	↓										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS3-1.5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
090	72	14.08 N	154	37.62 W	19	August	18	15	45	1680

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	155.4						X				
2	Sal 33.1	↓										
3	30	30.3										
4	30	↓								X		
5	20	20.4										
6	20	↓								X	[illegible]	
7	10	10.4										
8	10	↓								X	[illegible]	
9	Surf	2.2						X				
10	Surf	↓								X	[illegible]	
11												
12												
13												
14												
15												
16												
17												
18												
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SDM

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS2-1

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
091	72	18.05 N	154	38.44 W	19	Aug	18	16	40	2115

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	162.3						X				
2	Sal 33.1	162.3										
3	Surf	2.4						X				
4	Surf	↓										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS2-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
092	72	15.64 N	154	49.60 W	19	August	18	18	30	1867

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1 (a~17°)	159.3						X				
2	Sal 33.1	↓										
3	Surf	2.4						X				
4	Surf	↓										
5												
6												
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS2-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
093	72	13.50 N	155	00.03 W	19	August	18	19	21	1185

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1 (160)	160.5										
2	Sal 33.1	↓										
3	Surf	2.7										
4	Surf	↓										
5												
6												
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Jiangiang & Peisen	OS2-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
094	72	11.13 N	155	11.03 W	19	08	18	20	16	1052

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	150	150.1										
2	150	↓										
3	Surf	2.7										
4	Surf	↓										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peisen & Mangiang	052-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
095	72	08.92	N	155	21.67	W	19	08	18	21	13	428

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	145	145.1						✓				
2	145	↓										
3	surf	2.8						✓				
4	surf											
5												
6												
7												
8												
9												
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24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Jiangjiang	Fill-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
097	72	03.63	N	154	51.96	W	19	Aug	18	23	50	466

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	145	145.1						✓				
2	145	↓										
3	Surf	2.9						✓				
4	Surf	↓										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peterson & Tiangiang	Fill-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
098	71	57.45 N	154	51.95 W	20	08	18	00	58	394

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	115	114.6										
2	115	↓										
3	Surf	2.6										
4	Surf	↓										
5												
6												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigan & Thompson	Fill-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
099	71	57.43 N	155	09.82 W	20	08	18	02	00	282

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	115	115.6						✓				
2	115	↓										
3	Surf	2.5						✓				
4	Surf	↓										
5												
6												
7												
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24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Tianqiang	Fill-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
100	71	57.47 N	155	27.51 W	20	08	18	03	15	196

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	125	125.1						✓				
2	125	↓										
3	Surf	2.3						✓				
4	Surf	↓										
5												
6												
7												
8												
9												
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23												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Raigon & Jiangiang	Fill-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
101	71	51.12 N	155	09.54 W	20	08	18	04	42	245

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	110	108.5						✓				
2	60	108.3										
3	Surf	2.5						✓				
4	Surf	2.5										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS2-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
102	72	06.55 N	155	32.39 W	20	Aug	18	09	29	288

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	138.5						X				
2	S=33.1	↓										
3	30	30.0										
4	30	↓								X		
5	20	20.1										
6	20	↓								X	✓	
7	10	10.1										
8	10	↓								X	✓	
9	surf	2.5						X				
10	surf	↓								X	✓	
11												
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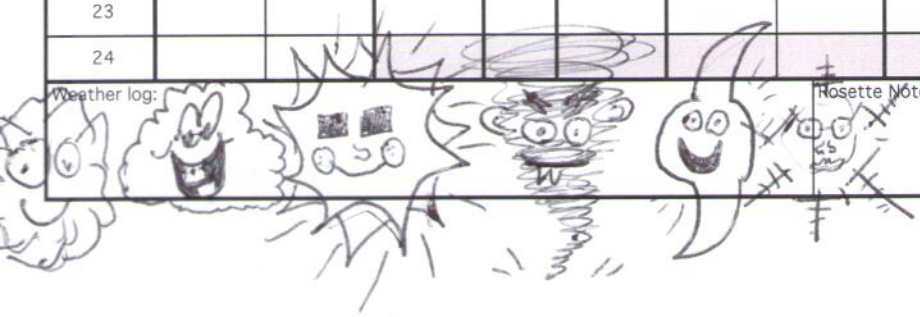
Weather log:



Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	052-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
103	72	42.28 N	153	43.77 W	20	August	18	10	34	213

NISKIN	DEPTH DESIRED (m) -140	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.1	140.7						X				
2	Sal 33.1	↓										
3	Surf	2.5						X				
4	Surf	↓										
5												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	052-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
104	72	02.17 N	155	54.74 W	20	Aug	18	11	24	164

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sa/33.1	135.2						X				
2	Sa/33.1	↓										
3	Surf	2.5						X				
4	Surf	↓										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Feo	OS2-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
105	71	59.77 N	156	05.80 W	20	August	18	12	19	77

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Surf	2.8										
2	Surf	↓						X				
3												
4												
5												
6												
7												
8												
9												
10												
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23												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS.2-10

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
106	71	57.41 N	156	16.73 W	20	Aug	18	13	09	63

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	surface	2.7										
2	surface	↓						X				
3												
4												
5												
6												
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS1-2

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
107	71	56.85 N	156	36.16 W	20	August	18	13	57	73

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	35	36.3										
2	35	↓								X	na	
3	30	30.9										
4	30	↓								X		
5	20	20.6										
6	20	↓								X		
7	10	9.9										
8	10	↓								X	na	
9	Surf	2.4						X				
10	Surf	↓								X	na	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS1-3

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
108	72	00.82 N	156	36.20 W	20	Aug	18	14	45	106

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Surf	3.0										
2	Surf	↓						X				
3												
4												
5												
6												
7												
8												
9												
10												
11												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	051-4

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
109	72	04.83	N	156	36.08	W	20	Aug	18	15	40	143

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	Sal 33.11	123.9										
2	Sal 33.11	↓										
3	Surf	2.7										
4	Surf	↓										
5												
6												
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	051-5

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
110	72	09.03 N	156	36.36 W	20	August	18	16	46	200

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	5=33.1	130.9										
2	5=33.1	↓										
3	Surf	2.5										
4	Surf	↓										
5												
6												
7												
8												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS 1-6

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
111	72	13.06 N	156	36.01 W	20	Aug	18	17	45	245

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	133.8						X				
2	S=33.1	↓										
3	30	30.4										
4	30	↓								X		
5	20	20.2										
6	20	↓								X	X	
7	10	10.4										
8	10	↓								X	X	
9	Surf	2.8						X				
10	Surf	↓								X	X	
11												
12												
13												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Ryan	OS1-7

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
112	72	17.09 N	156	36.01 W	20	Aug	18	18	43	314

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	142.8						\				
2	S=33.1	↓										
3	Surf	2.9						\				
4	Surf	↓										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Fei	OS1-8

CONSC STN #	LATITUDE DEG	LATITUDE MIN					LONGITUDE DEG	LONGITUDE MIN						DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
113	72	21	.	1	0	N	156	35	.	3	9	W		20	Aug	18	19	38	370

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	S=33.1	148.8						✓				
2	S=33.1	↓										
3	surf	2.8						✓				
4	Surf	↓										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Deigen & Wangtang	051-9

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
114	72	25.34 N	156	35.93 W	20	08	18	20	38	738

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	300	301.3						✓				
2	300	↓						✓				
3	160	160.1						✓				
4	160	↓										
5	Surf	3.1						✓				
6	Surf	3.1										
7												
8												
9												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Peigen & Tianqiang	OS1-1D

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
115	72	29.26 N		156	36.15 W		21	08	18	01	18	837

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	177	176.8						✓				
2	177	↓										
3	Surf	2.8						✓				
4	Surf	↓										
5												
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7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reigen & Dieuzeide	OS1-11

CONSC STN #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE (UTC) DAY	MO	YR	TIME (UTC) HR	MIN	BTM DEPTH (m)
116	72	23.30	N	156	36.27	W	21	Aug	18	02	23	1626

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d180	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	178	178.2										
2	178	178.2										
3	Surf	2.4										
4	Surf	2.4										
5												
6												
7												
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Weather log:

Rosette Notes

VESSEL	CRUISE ID	STARTING SCAN #	CTD CONSOLE DRIVER	STATION NAME
USCGC Healy	HLY 1801		Reisend Jiangyang	051-12

CONSC STN #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE (UTC) DAY	DATE (UTC) MO	DATE (UTC) YR	TIME (UTC) HR	TIME (UTC) MIN	BTM DEPTH (m)
117	72	37.19 N	156	36.13 W	21	Aug	18			1570

NISKIN	DEPTH DESIRED (m)	DEPTH ACTUAL (m)	Wisegarver O2	Cross DIC / TA	Grebmeier Incubation	Wisegarver Nuts	Wisegarver Chl	Cooper d18O	Pickart Salts	Creamean Particles	Fachon HABS	Collins Genomics
1	180	179.9										
2	180	179.9						X				
3	45	45.1										
4	45	45.1									X	
5	30	30.1								X		
6	30	30.1										
7	20	20.1								X		
8	20	20.1										
9	10	10.0								X		
10	10	10.0								X	X	
11	Surf	2.6								X		
12	Surf	2.6						X			X	
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

Surf
10
20
30.
Sent 4.
Rec 13

Weather log:

Rosette Notes