

VESSEL	CRUISE ID	PROJECT & LEG	FILE NAME	STATION NO. or alt. name
NOAA R/V Oscar Dyson	DY1309	GOA-IERP Sept 2013	CTTD001	401
CONSECUTIVE CAST # (CTD#)	LATITUDE	LONGITUDE	DATE (GMT)	TIME (GMT)
DEG	MIN	DEG	MIN	DAY MO YR HR MIN
8 21 57 02.61 N	152 53.42 W	24 Sep	1 3	23 13 8.7 .
SBE 9+	AKST Date and Time = 24 Sep 1 3	REMARKS	MAX. DEPTH = 85 m	
PRESS SN	94 S/N 0772	FLUOR S/N		
PRI TEMP SN	HC S/N 2985	SBE43-Oxy (prime)		
SEC TEMP SN	34 S/N 2336	Transmissometer		
PRI COND SN	HC S/N 3127	PAR S/N		
SEC COND SN	3TS/N 4374			
Niskin No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEI	PROD EXP
1	75	269	2259	
2	50		2260	L 2
3	40		2261	L 3
4	30		2262	L 4
5	20	NO PIN	2263	L 5
6	10	NO PIN	2264	L 6
7	0		2265	L 7
8				
9				
10				
11				
12				

VESSEL	CRUISE ID	PROJECT & LEG	FILE NAME	STATION NO. or off. name							
NOAA R/V Oscar Dyson	DY1309	GOA-JERP Sept 2013	CTD002	402							
CONSECUTIVE CAST # (CTD#)	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE (GMT) DAY MO YR	TIME (GMT) HR MIN °C							
2 02	56 49.1	52 27.8	25 SEP 13	101.9 10.4 00							
				x x 206 208 x x 0175 hP181							
			AKST Date and Time = 25 SEP 1 3 10	MAX. DEPTH = 166 m							
SBE 9+	FLUOR S/N	REMARKS									
PRESS SN	SBE43-Ory (prime)										
PRI TEMP SN											
SEC TEMP SN											
PRI COND SN	Transmissometer										
SEC COND SN	PAR S/N										
Niskin No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL	PROD EXP	Strom/Fredrickson	Comments	NIS No.				
1	166			Sal Btl #	Nut Btl #	O ₂ Btl #	Chl. Btl #	Phyto Btl #	MZ Bottle #		
2	100			2266	315						1
3	50			2267							2
4	40			2268							3
5	30			2269							4
6	20			2270							5
7	15			2271							6
8	12		X				S8				7
9	10			2272			S9	2	8		8
10	6						S10				9
11	4						S11				10
12	B			2273			S12				11
											12

SST=

SSSal=

VESSEL		CRUISE ID	PROJECT & LEG		FILE NAME		STATION NO. or alt. name									
NOAA R/V Oscar Dyson		DY1309	GOA-IERP Sept 2013		CTD 063		404									
CONSECUTIVE CAST # (CTD#)	LATITUDE		LONGITUDE		DATE (GMT)	TIME (GMT)	DRY BULB (°C)	WET BULLB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN												
9 03 56.3	47.71	N	152 02.54	W	25 Sep	13 22 53	9.5	010	1012.5	22525	25	x	x	0104	Met 181	

NOAA R/V Oscar Dyson		DY1309		GOA-IERP Sept 2013		C-TOO04		405															
CONSECUTIVE CAST # (CTD#)		LATITUDE		LONGITUDE		DATE (GMT)		TIME (GMT)		79%		PRESSURE		SEA STATE		WIND		CLOUD (amt)		WEATHER		STATION NO or alt. name	
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	°C	(°C)	(mb)	*	*	DIRN.	SPD.	TYPE	DEPTH	STA. NAME/ID						
0045	17.35N	152.28	64W	26	5	02	10.0	0.5	2.64	10	x	x	13	1.3	10	x	88HL185						
										AKST Date and Time = 26 Sep 13													
SBE 9+		FLUOR S/N																					
PRESS SN		SBE43-Oxy (prime)																					
PRI TEMP SN		Transmissometer																					
SEC TEMP SN		PAR S/N																					
PRI COND SN																							
SEC COND SN																							
Niskin No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		PROD EXP		Strom/Fredrickson		Comments		NIS No.											
1	78			Sal Btl #		Nut Btl #	O ₂ Btl #	Chl Btl #		Phyto Btl #	MZ Bottle #												
2	50			2282																			
3	40	leaking		2283				S2															
4	30			2284				S3															
5	25			2285				S4															
6	20			2286				S5															
7	10			2287				S6															
8	6							S7															
9	2			2288		B14	X	S8															
10								S9															
11																							
12																							

62 314
Sniper

HR-195

VESSEL		CRUISE ID		PROJECT & LEG		FILE NAME		STATION NO. or alt. name	
NOAA R/V Oscar Dyson		DY1309		GOA-IERP Sept 2013		CTD 605		406	
CONSECUTIVE CAST # (CTD#)		LATITUDE		LONGITUDE		DATE (GMT)	TIME (GMT)	PRESSURE	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN	DRY BULB	WET BULB
005	57	03.84	N	15202.00	W	2005	10.4	82.1	82.1
								(°C)	(°C)
								(mb)	(mb)
								*	*
								SEA STATE	VISIBILITY
								DIRN.	WIND SPD.
								(deg)	(kts)
								*	*
								TYPE	WEATHER
								(m)	(m)
								BOTTOM	STA. NAME/ID
AKST Date and Time =		1	3						
SBE 9+									
PRESS S/N									
PRI TEMP S/N									
SEC TEMP S/N									
PRI COND S/N									
SEC COND S/N									
Rosette Notes		Hydro Team-PMEL		PROD EXP	Strom/Fredrickson		Comments		Nis
Niskin No.	DEPTH DESIRED	Sal Btl #	Nut Btl #	O ₂ Btl #	Chl. Btl #	Phyto Btl #	MZ Bottle #		No.
1	65		2289						1
2	50		2290		S2				2
3	40	ROVING	2291		S3				3
4	30		2292		S4				4
5	20		2293		S5				5
6	10		2294		S6				6
7	0	ROVING	271	2295	S7				7
8									8
9									9
10									10
11									11
12									12
SST=		SSSal=							

VESSEL		CRUISE ID	PROJECT & LEG		FILE NAME		STATION NO. or alt. name												
NOAA R/V Oscar Dyson		DY1309	GOA-JERP Sept 2013		CTD OC6		407												
CONSECUTIVE CAST # (CTD#)		LATITUDE		LONGITUDE		DATE (GMT)	TIME (GMT)	87%	PRESSURE	WIND DIRN.	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH,	STA. NAME/ID				
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	DRY BULB (`C)	WET BULB (`C)	(mb)	*	*	(deg)	(kts)				
0	0	6	56	49.39 N	151	37.32 W	27	Sep	1	3	0104	8.3	.	03	x	24024	x	x	511H7185
AKST Date and Time = 26 Sep 13															MAX. DEPTH = 201 m				
SBE 9+		FLUOR S/N		SBE43-Oxy (prime)		REMARKS													
PRES S/N																			
PHT TEMP S/N																			
SEC TEMP S/N																			
PHT COND S/N																			
SEC COND S/N																			
Mission		Rosette Notes		Hydro Team-PMEL		PROD EXP		Strom/Fredrickson		Comments		Nis							
No.	DEPTH DESIRED			Sal Bul #	Nut Bul #	O ₂ Bul #		Chl Bul #	Phyto Bul #	MZ Bottle #			No.						
1	25			2296	313								1						
2	15			2297									2						
3	25			2298				53					3						
4	45			2299			54						4						
5	35			2300			55						5						
6	25			2301			56						6						
7	15			2302			57						7						
8	25			2303			58						8						
9													9						
10													10						
11													11						
12													12						

SST=

SSSal=

VESSEL		CRUISE ID		PROJECT & LEG		FILE NAME		STATION NO. or alt. name			
NOAA R/V Oscar Dyson		DY1309		GOA-IERP Sept 2013		CTD 007		408			
CONSECUTIVE CAST # (CTD#)	LATITUDE			DATE (GMT)	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE * VISIBILITY		
		DEG	MIN							DEG	MIN
0 0 75 2 09.1 4 N	152 37.3 0 W	047	1	100	1	.	.	X X	• • • (deg) (kts) (m)		
				AKST Date and Time = 1 3							
SBE 9+				FLUOR S/N							
PRESS SN				SBE43-Oxy (prime)							
PRI TEMP SN				Transmissometer							
SEC TEMP SN				PAR S/N							
PRI COND SN											
SEC COND SN											
Niskin	DEPTH	Rosette Notes		Hydro Team-PMEL		PROD EXP		Stromy/Fredrickson		Comments	
No.	DESIRED										
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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VESSEL		CRUISE ID	PROJECT & LEG		FILE NAME		STATION NO. or site name									
NOAA R/V Oscar Dyson		DY1309	GOA-IERP Sept 2013		CTD008		409									
CONSECUTIVE CAST # (CTD#)	LATITUDE		LONGITUDE		DATE (GMT)	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE * VISIBILITY DIRN.	WIND SPD (kts)	WIND DIRN. (deg)	CLOUD (amt) TYPE	WEATHER DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN		DAY	MO	HR	MIN							
008	57	31.85	N	152	02.25	W	27	SEP	13	1727	8.0	.	97	x	31d15x	71HLIB1
AKST Date and Time = 27 Sep 13															HL189	
SBE 9+																
PRESS SN																
PRI TEMP SN																
SEC TEMP SN																
PRI COND SN																
SEC COND SN																
Rosette Notes		Hydro Team-PMEL		PROD EXP		Strom/Fredrickson		Comments		REMARKS					MAX. DEPTH = 62 m	
Niskin No.	DEPTH DESIRED			Sal Btl #	Nut Btl #	O. Btl #		Chl. Btl #	Phyto Btl #	MZ Bottle #						
1	62			272	2304											
2	50				2305			S2							1	
3	40					2306		S3							2	
4	30					2307		S4							3	
5	20					2308		S5							4	
6	15						X	S6							5	
7							X	S7							6	
8								S8							7	
9							X	S9							8	
10							X	S10							9	
11							X	S11							10	
12															11	
															12	

SST=

SSSal=

get gmt & depth from travel summary
in Walker et
McConway

VESSEL		CRUISE ID	PROJECT & LIES		FILE NAME		STATION NO. or ST. NAME										
NOAA R/V Oscar Dyson		DM1309	GOA-NERP Sept 2013		CTD 310		J-2										
CONSECUTIVE CAST # (CTDN)		LATITUDE		LONGITUDE		DATE (GMT)	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRNL SPD	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN									
16	38.35	152.3	56	W	28	5	13	14	2.8	22	x	33.0	009	x	x	192	
						LAST Date and Time = 22		13 06									
SBE 9+		FLUOR S/N		REMARKS													
PRESS SN		SBE43-Oxy (prime)															
PRI TEMP SN		Transmitter															
SEC TEMP SN		PAR S/N															
PRI COND SN																	
SEC COND SN																	
Niskin	DEPTH	Rosette Notes		Hydro Team-PMEL		PROD EXP		Strom/Friedrickson		Comments		Nis					
No.	DESIRED	Sal Btl #	Nut Btl #	O ₂ Btl #		Chl. Btl #	Phyto Btl #	MZ Bottle #			No.						
1	184	273									1						
2											2						
3											3						
4											4						
5											5						
6											6						
7											7						
8											8						
9											9						
10											10						
11											11						
12											12						
SST=		SSSal=															

camera Drop CTD
Salt Sampling only

VESSEL	CRUISE ID	PROJECT & LEG	FILE NAME	STATION NO. or alt. name				
NOAA R/V Oscar Dyson	DY1309	GOA-IERP Sept 2013	CTD 012	414				
CONSECUTIVE CAST # (CTD#)	LATITUDE	LONGITUDE	DATE (GMT)	TIME (GMT)				
DEG	MIN	DEG	MIN	DAY MO YR HR MIN (°C) (mb)				
012	57 46.40 N	151 36.70 W	28 SEP 1 3	23 52 7.4 . 85 x x 31225 x x 51H4193				
SBE 9+	FLUOR S/N	AKST Date and Time =	1 3	MAX. DEPTH = 41 m				
PRESS SN	SBE43-Oxy (prime)	REMARKS						
PRI TEMP SN	Transmissometer							
SEC TEMP SN								
PRI COND SN	PARS/N							
SEC COND SN								
Niskin No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL	PROD EXP	Strom/Fredrickson	Comments	Nis No.	
1	40		Sal Btl #	Nut Btl #	O ₂ Btl #	Chl. Btl #	Phyto Btl #	MZ Bottle #
2	30		2326	2327	51	52	18	17
3	20		2328	2329	53	54	19	20
4	10				5			
5	B		2330	319	55			
6								
7								
8								
9								
10								
11								
12								
		SST*						
		6664d=						

NOAA R/V Oscar Dyson		CRUISE ID	PROJECT & LEG	FILE NAME	STATION NO. or site name
DY1309 - Leg 2		GOA-IERP Oct 2013	CTD001	13KEP-41A	
CONSECUTIVE CAST # (CTD#)	LATITUDE	LONGITUDE	DATE (GMT)	TIME (GMT)	86%
DEG	MIN	DEG	MIN	DAY	DRY BULB (°C)
				MO	WET BULB (°C)
				HR	(mb)
001	59°01.37'N	151°54.65'W	27 OCT	13	*
				0256	*
				8.5	24
				.	*
					109529
					X X X
					196
AKST Date and Time = 1 3		MAX. DEPTH = 190 m		REMARKS	
SITE 94 S/N PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN	0772 17.SN 0222 3t sn 2326 3t sn 4379 4cav 2485 4cav 3227	FLUOR S/N SBET3-Oxy (prime) Transistor PARS/N	868 0904 1961		
Niskin No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PWEL	PROD EXP	Strom/redfickson Comments
1	100		274	2331	
2	75		2332		
3	50		2333		
4	40		2334		
5	30		2335		
6	20		2336		
7	15		2337		
8	10		2338		
9			2339		
10					
11					
12					

VESSEL	CRUISE ID	PROJECT & LEG	FILE NAME	STATION NO. or alt. name
NOAA R/V Oscar Dyson	DY1309 - Leg 2	GOA-IERP Oct 2013	cTD_c03	13-C5P-1P
CONSECUTIVE CAST # (CTD#)	LATITUDE	LONGITUDE	DATE (GMT)	TIME (GMT)
DEG	MIN	DEG	MIN	DAY
003	58	08.90	136	34.59
		N		W
SBE 9+ SN	0772			AKST Date and Time =
PRESS SN	97.5N	0222		1/3
PRI TEMP SN	31.5N	2316		
SEC TEMP SN	31.5N	4379		
PRI COND SN	46.5N	2985		
SEC COND SN	46.5N	3123		
Niskin No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL	PROD EXP
1	85		Sal Btl #	Nut Btl #
2	190		O ₂ Btl #	
3	75			
4	50			
5	40			
6	30			
7	20			
8	10			
9	0			
10				
11				
12				

SST=

SSSal=

SBE 9+ SN 0772
 PRESS SN 97.5N 0222
 PRI TEMP SN 31.5N 2316
 SEC TEMP SN 31.5N 4379
 Transmissometer
 PRI COND SN 46.5N 2985
 SEC COND SN 46.5N 3123

PAR S/N 70481
 Altimeter installed

REMARKS

m. J. J. C. Cross S. S. N.

MAX. DEPTH = 292 m

Comments	NIS No.
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12

658

633

Last CTD For Log 2