

①

Line: 301

DFS IV

Format: SEGB

BPI: 1600

Honolulu - Honolulu

[illegible]

R/V ~~VERA~~

Conrad

August 1982

RECORDING LOG

Hono-Hono.

Conrad + K.K.

DFS IV

(2)

Cruise: C 23°08'

Line: 301

File # reading at beginning of tape but
this does not represent true shot count
due to lost shots

Format: SEG-B

BPI: 1600

Date	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate Sec	Samp. Rate ms	Rec. L Sec	Trip Del. sec	O/D	P/E	Comments
Julian day 227	689	1538	12		30	4	20	0			lost shots due TPX-2
		1605									Failure of A/C 240°
	750	1609	13	2300							
	File 811	1641	14	2275							missed some shots due TPX-2
	872	1712	15	2500							missed one shot on choppy
	934	1743	16	2490							lost shots due TPX-2 + trip
	995	1817	17	2465							sonoboy #9 in at 1900Z
	57	1848	18	2445							
	120	1822	19	2429							
	129	1931		2430							switched to TRV-1
		1934		2430							DFS IV down
	136	1941	20	2429							
		1951		2428							c/c 238°
		2005		2430							sonoboy #10 off
	201	2014	21	2430							missed some shots
	203	2049	22	2396							

RECORDING LOG

R/V VEMA CONRAD

August 1982

HONO - HONO

Conrad + KK

DFS IV

Cruise: C2308

Format: SEG. B

Line: 301.

BPI: 1600

③

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
Julian day 227		2106	22		5						Power failure, Tape off
			23								
227	295	2150	23		30	4	20	0			Resume line 301
227	358	2222									TPX 2 ECT FAIL.
227	361		24	2368	30	4	20	0			
		2255									Smobuoy on Channel 1 #11
		259	25		30	4	20	0			TPX 1
		2302	25	2367 fm	30	4	20	0			MISSED SOME SHOTS TPX 1
		2321	25		30	4	20	0			TPX 1 FAILURE
	465	2323	26	2351	30	4	20	0			end 2354
		2354	27		30	4	20	0			some delay at start
228		0000?	28	2351	30	4	20	0			end 0058
	656	000	29		30	4	20	0			missed start - lost a few shots
		0132	30	2330	30	4	20	0			
		0204	31	2305	30	4	20	0			
228		0235	32	2337	30	4	20	0			
228		0300									AUX CH 1 5/13 #12 OVER. (KK)
228		0306	33	2337	30	40	20	0			
228		0338	34	2335	30	40	20	0			
228		0410	35	2335	30	40	20	0			
228		441	36	2335	30	40	30	0			

④

Cruise: RC 230.8

Aug 1982 Hono-Hono

CONRAD + K.K.

DFS IV

Format:

Line: 301

RANGE
3600 M

BPI:

[illegible]

5

R/V ~~VEMA~~

Hawai Hawaii

DFS IV

Format: *SEGB*

BPI: 160

[illegible]

Line: 302

Aug 82

RECORDING LOG

Hawa - Hona

CONRAD = KK

DFS IV

Format:

BPI: 1600

6

[illegible]

⑦

R/V ~~VEMA~~

Apr 82 Honolulu

DFS IV

CONRAD + KK

Format:

BPI:

FIRING CONTRA AIRCRAFT ON THE MINUTE EXCEPT ON 10 MIN WHEN ^{BPI:}

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
											KK FIRES 60 LB EXPLOSIVE
229		0400	69		1	4	39	0			RANGE TO KK 70KM
229		0415	69								10 SEC DELAY ON KK SHOT
229		0438	70		1	4	39	0*			* 10 SEC ON KK SHOT.
229		0450	70								RANGE 411.54
229		0500									KK DELAY → 0 SEC
		0510									RANGE 33866
229		0511	71	2400	1	4	39	0			
229		0544	72	2400	1	4	39	0			
229		0605	73	2400	1	4	20	0			0600 LAST KK SHOT CHANGE RECORD LENGTH
229		0649	74	2400	1	4	20	0			
229		0720	75		1	4	20	0			
229		0751	76		1	4	20	0			
229		0822	77		1	4	20	0			
229		0853	78		1	4	20	0			
229		0925	78 OFF		1	4	20	0			ABORTED. TPX2 NOT RECORDING PROPERLY.
229		0925	79								THE TAPE WAS NOT COMPLETELY USED.
229		0956	80								
		10 27	88	LAST							

⑧

HONOLULU TO HONOLULU

Format:

Line: 303

BPI:

[illegible]

RECORDING LOG

R/V ~~VEMA~~ *Comrad*

Cruise: C23-08

Line: 304

Day 229 1982 Gant

Honolulu Honolulu

C.O.P:

16 km separation

DFS IV

Format: SEG-B

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate sec	Samp. Rate sec	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
Day 229	001	1854	84	2460	30	4	20	0			TPX 1
	64	1926									lost several shots due to TX 2 failure
	65	1928	85	2460							TPX-1
	127	1959	86	2450							
		2000	86								Sonobuoy #18
	187	2030	87								
	250	2100	87								
	311	2131	89								
		2202									bet 2202 + 2206
	373	2206	90	2340							
	436	2238	91	2347							
	498	2313	92	2366							lost 2309-2313 TAPE POPPED
	560	2344	93	2369							
230	623	0016	94								Tape 94 may have no data on it but probably has 213 on it
	666	0044	95	2280							changing rapidly
	728	0115	96	2335							
	790	0146	97	2339							
	852	0217	98								S.B. #19 ON AT 0200Z
230	913	0248	99	2330							
		0300									S/B FRANK K K #20
	977	0329	100	2300	30	4	20	0			
	39	0351	101								
	100	0422	102		30	4	20	0			

230/1982 {Note - Sonobuoy ch 1 0050 ch 8 0200 "}

RECORDING LOG

R/V ~~VENA~~ CONRAD

Cruise: RC 2308

Line: 304 - 305

HONO - HONO AUG 82
CONRAD + KK 16 KM SEPARATION

DFS IV

Format:

BPI: 1100'

(10)

Date GMT	Shot Point #	Time	Tape #	Depth FM	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
230		0453	103		30	4	20	0			
		0515	103								END OF LINE.
230		0713	104		60	4	39	0			START LINE 305
230		0744	105		60	4	39	0			first shot 0716 (from
230		0816	106	off	60	4	39	0			K.K.)
230		0823	106 on								some shots were missed
											between 0816 and 0823.
230		0854	107		60	4	39	0			TPX2 problems.
230		0927	108		60	4	39	0			
230		0959	109		60	4	39	0			
230		1029	110		60	4	39	0			
	1058 →	1029		LAST							
		1103	111		60	4	39	0			
		1114									tape stopped (TPX1)
	444	1243	112		60	4	39	0			
	477	1315		LAST							
	477	1321	113		60	4	39	0			INTERNAL TIME BREAK
	488	1331		LAST							
	489	1342	114	2200	60	4	39	0			INTERNAL TIME BREAK
	1	1414	11								TPX2 failed on switch
	521	1417	115				39				TPX1
	551	1447	116	2350							

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Line: 304

DFS IV

Format: *SELB*

BPI: 1600

[illegible]

RECORDING LOG

R/V ~~VENA~~ CONRAD

Cruise: PC 2308

Line: 306-307

Honolulu - Honolulu

Conrad & KR C.O.P. 16 Km SEPARATION

CSE 038

DFS IV

Format:

BPI:

(12)

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O / D	P / E	Comments
		0235									
231		1535	125	2322	30	4	20	0			
		0306									
231		0235	126	2322	30	4	20	0			
		0250									
		0306	127	2320	30	4	20	0			S/B 22 FROM KR ON AUX CH. 1
	298	0337	128	2320	30	4	20	0			
		0400									S/B 23 FROM KR ON AUX CH. 4
		0408	129	2320	30	4	20	0			
		0439	130	2320	30	4	20	0			
		0510	131	2350	30	4	20	0			
		0541	132								
		but 589	132	end line 306 but							end line 306
				we will continue to record until							
				end of tape for test purposes.							
231		0730	133	2305	60	4	39	0			new line 307 ESP3
231		0802	134	2360	60	4	39	0			
231		0835	135	2357	60	4	39	0			
231		0907	136	2340	60	4	39	0			
231		0939	137	2320	60	4	39	0			
231		1011	138		60	4	39	0			

RECORDING LOG

R/V ~~VEMA~~ CONRAD

Cruise: RL2308

Line: 307

Honolulu - Honolulu

DFS IV

Format: SEG B

BPI: 1600

Date GMT	File Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L. sec	Trip Del. sec	O/D	P/E	Comments
231	777	1012	138		60	4	39	0			
	805	1040		LAST							
	805	1041	139		60	4	39	0			
	836	1110		LAST							
	836	1111	140		60	4	39	0			
	866	1140		LAST							
	866	1141	141		60	4	39	0			
	889	1206		LAST							tapes shut down 12:06
	891	1333	142		60	4	39	0			
	921	1403		LAST							3:36 local time
	925 1	1404	143		60	4	39	0			airguns on
	925	1411		LAST							
	925	1411	144	2250	60	4	39	0			
	957	1443	145	2250							
	989	1515	146	2250							
	022	1547	147	2300							
	055	1620	148	2300							
	087	1652	149	2300							
	120	1725	150	2350							
		1759	151	2380							
	167	1812	11	2359			39 20				change to 20 sec
	204	1832	152	2365							
	264	1902	153	2365							

RECORDING LOG

R/V VEMA Conrad

DFS IV

Cruise: 2308

Honolulu - Honolulu

Format:

Line: 307 - 308

BPI: 1600

MS

Date	Shot Point #	Time	Tape #	Depth FM	Pop Rate	Samp. Rate	Rec. L. Sec	Trip Del.	O/D	P/E	Comments
231/1982	324	19 32	154	2363							
	382	20 08	155	2365							
	449	20 51	156	2362							
	509	21 22	157	2360							
	571	21 53	158	2363							
	634	22 27	159	2365							missed some shots at begin.
	697	23 04	160	2363							missed 5 min - malfunction.
		2335	shut down for C/C								
232/82	0830	161	4	20							Line 308
232/1982		0840	161	2365		4	20				Line 308
232		0911	162	2369		4	20				tape 161 probably
232		0942	163	2377		4	20				shot only until 0900
232	944	10 13	164	LAST		4	20				
	944	10 13	164		30	4	20	0			
	1008	10 44		LAST							
	1008	10 45	165		30	4	20	0			
	1071	11 16		LAST							
	1071	11 16	166		30	4	20	0			
	1134	11 47		LAST							
	1134	11 47	167		30	4	20	0			
	1197	12 19		LAST							

15

DFS IV

Anole - Anole

Format: SEG-B

BPI: 1600

[illegible]

16

Conrad.

Q 23-08

309 + 310

Format: SEG B

BPI: 1600

[illegible]

17

Hono - Hono Aug 82.

CONRAD & K.K.

LINE 370 COP. 3.6 KM SEPARATION

Line: 310

DFS IV

Format: SEG B.

BP1: 1802

[illegible]

RECORDING LOG

(18)

R/V ~~VEMA~~ Conrad

Cruise: Conrad 23-08

Line: 311

Hono - Hono
Conrad + K.K.
Line 311:

DFS IV

Format: SEG B

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
1608	001	1608	200	~2500	60	4	20	0			
Day 233	062	1639	201	~2500							
	123	1709	202	~2450							
	184	1740	203	2488							
	244	1810	204	~1900							
	304	1840	205	1400							
	364	1910	206	920							
	424	1940	207	280							
	484	2010	208	280							
	544	2041	209	290							
	604	2122	210	270							
	664	2152	211	260							
	725	2226	212	249							
	735	2235	213	251							
	—	2250	—	—							
	798	2306	214	251							
	856	2334	215	251							
Day 234	917	0006	216	276							
	978?	0039	217	301							
		0056									
		0106									
	41	0109	218	329							
	103	0141	219	352							

stopped at file #559 20:50
 11 due to failure in computer
 started at file #560 21:00
 stopped for 30 sec. at
 21:00:30 to 21:01:00
 LOST 3 min
 Sonobuoy launched ch 14

5
 Tape malf.

TRX
 missed after 5 shots at charge
 over
 TOOK STREAMER DOWN TO 65 FT
 returned to 40 ft

19

BPI: 1600

[illegible]

20

DFS IV

Format: *SEGB*

ESP. S

BPI: 1600

[illegible]

RECORDING LOG

21

R/V ~~VEMA~~

Cruise: C28-08

Line: 313

Control & KK ESP 5

DFS IV

Format: SEGB

BPI: 1600

Date Gant	Shot Point #	Time Gant	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del. ms	O/D	P/E	Comments
Day 234	001	0958	230	220	60	4	39	0			KK starts exposures every
1982	021	1018	231	~600							10 minutes
	049	1046	232	588							
	080	1117	233	~200							
	110	1147	234	~200							
	140	1217	235	~200							
	170	1247	236	~200							
	190	1308	237	~200							TPX1, quit writing - had to
	219	1337	238	~200							switch to TPX-2
	246	1404	239		60	4	39 20	0			last exposure shot at 1400
	306	1441	240		60	4	20	0			
	369	1512	241		60	4	20	0			5:07 KK started airguns
	432	1543	242		"	"	"	"			
	497	1616	243		60	4	20	0			
	557	1646	244		60	4	20	0			
	618	1719	245		60	4	20	0			
	681	1752	246		60	4	20	0			
	741	1822	247		60	4	20	0			
	802	1853	248		60	4	20	0			
	865	1925	249		60	4	20	0			
	927	1955	250		60	4	20	0			
	989	2027	251		60	4	20	0			
	52	2054	252		60	4	20	0			

22

Cruise:

C23-08

Conrad Honolulu-Honolulu

Line:

313.

KK LEADING 3.6 Km

DFS IV

Format:

BPI: 1600

[illegible]

RECORDING LOG

(23)

R/V VEMA

Conrad

DFS IV

Cruise:

RC 2308

Honolulu to Honolulu

Format:

SEB B

Line:

314

K.K. Leading 3.6 kms.

BPI:

1600

Date	Shot Point #	Time	Tape #	Depth FM	Pop Rate	Samp. Rate 70 SEC	Rec. L. SEC	Trip Del.	O/D	P/E	Comments
235	2	0715	271	2570	30	4	20	0			Start line 314
11	64	0746	272	2587	30	4	20	0			
11	126	0817	273	2617							
	188	0848	274	2618							
	250	0919	275	2614							
	312	0950	276	2600							
	381	1024	277		30	4	20	0			
	439	1053	278		30	4	20	0			
	501	1125	279								
	563	1158	280								
	626	1232	281								
	686	1303	282								
	750	1334	283								
	810	1404	284	end of tape 283							
	813	1408	284	2500							TPX-2 wouldn't accept tape
	876	1439	285	2470							lost several shots
	937	1510	286	2460							KK SB# 35 over at 1515
	987	1535	287	2450							TPX1 wouldn't stop running
	050	1606	288								switch to TPX-2
	052	1612	288	2440							TPX-1 wouldn't stop - missed after
	114	1643	289	2420							shots.
	176	1714	290	2410							
	237	1744	291	2400							

RECORDING LOG

(24)

R/V VEMA *Comuf*

Cruise: C23-08

Line: 314

*Honolulu - Honolulu**KK leading 3.6 km.
SHIPS FIRING ALTERNATELY*

DFS IV

Format: *SEGB*

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate per min	Samp. Rate ms	Rec. L sec	Trip Del. ms	O/D	P/E	Comments
235	297	1814	292	2390	30	4	20	0			
	357	1844	293	2380							
	417	1914	294	2380							
	477	1944	295	2370							
	537	2015	296	2360							
	597	2045	297	2360							
	657	2115	298	2355							
	717	2145	299	2355							
	779	2216	300	2349							at 2220 Sonob. ch4 57A
	840	2246	301	2347							SB 37
	902	2317	302	2346							
	963	2348	303	2347							
Day 236	25	0018	304	2348							
	87	0049	305	2340							
	149	0120	306	2346							Sonob. at 0115 ch2 57A
		0151	307	2340							SB 38
	250	0217	308		30	4	20	0			ABORTED 307. TAPX-1
	312	0248	309	23109							WOUNDED? STOP
	372	0319	310	2310							SB 39 FROM KR AT 0310
	434	0350	311	2310							ATTA T Aux CR 1
	496	0421	312	2310							SB 40 FROM KR AT 0425
	559	0453	313	2270							frap ch 1
	621	0524	314	2250	30	4	20	0			

RECORDING LOG

25

R/V VEMA CONRAD

HONO-HONO CONRAD + KK

DFS IV

Cruise: RC2308

Format: SEG B

Line: 314 + 315

Line 314: COP KK LEADING AT 3.6 KM
SHIPS FIRE ALTERNATELY

Line 315:
ESP

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O / D	P / E	Comments
236 82	621	0524	314	2250	30	4	20	0			
236	683	0555	315	2305	30	4	20	0			
236	745	0626	316	2315							
	807	0657	317	2316							
	869	0728	318	2328							
	931	0759	319	2334							LOBIS RESET RADIOIST
	974	0801	320								
	995	0831	320	2325							
236		0849	320	2312							End of line 314
Tape 320 was not completely used.											
		starting time									
236	001	1131	321		60	4	39	0			
	034	1203	322		60	4	34	0			
	066	1235	323								
	099	1308	324								
	131	1341	325	2360							
	164	1413	326	2340							
	196	1445	327	2362							missed one shot at changeover
	211	0500	"								end line 315

TX2
didn't
accept
tape

150 local

RECORDING LOG

(26)

R/V VEMA

Conrad

Cruise: C 23-08

Line: 316

C 23-08 Conrad and K.K.
 ESP#6 Conrad shooting Airgun;
 KK shoots explosives every 10 minutes

DFS IV

Format: SEG-B

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate all	Samp. Rate ms	Rec. L	Trip Del. ms	O/D	P/E	Comments
Day 236, 1982	001	1624	328	2375	60	4	39	0			
	029	1657	329	2220							
	059	1727	330	2350							
	089	1757	331	2380							
	119	1828	332	2325							
	151	1859	333	2340							
	182	1930	334	2335							
	212	2000	335	2320	60	4	20	0			
	273	2030	336	2335							
	334	2101	337	2340							
	395	2131	338	2350							
	456	2202	339	2350							Short tape
	518	2232	340	2320							short tape
	—	2245	—								TPX1 run away 5 min lost
	536	2250	341	2332							
	597	2320	342	2350							
	660	2352	343	2344							
	721	0023	344	2341							
	783	0054	345	2332							
	815	0110									3450 FT START TURN

2245

RECORDING LOG

23

R/V ~~VEMA~~ CONRAD

Cruise: RC 2308

Line: 317

Honolulu - Honolulu
CONRAD + KE 16 Km separation

DFS IV

Format: seg B

BPI: 1800

Date <i>GMT</i>	Shot Point #	Time <i>GMT</i>	Tape #	Depth <i>FM</i>	Pop Rate <i>sec</i>	Samp. Rate <i>ms</i>	Rec. <i>sec</i>	Trip Del. <i>sec</i>	O / D	P / E	Comments
237	001	0603	346	2240	30	4	20	0			
237	008	0614	347	2250	30	4	20	0			ABORTED 346 TPL 1 NOT STOPPING
237		0620									S/B 43 ON AUXCH 1.
237	070	0645	348	2330							
237	132	0716	349	2322							
237	194	0747	350	2310							
237	256	0818	351	2299							
237	318	0849	352	2291							S/B 0916 ch 2
237	380	0920	353	2280							
237	442	0951	354	2296							
	503	1024	355		30	4	20	0			
	566	1055	356		30	4	20	0			
	628	1136	357		30	4	20	0			
	691	1210	358		30	4	20	0			
	753	1241	359		30	4	20	0			
	815	1312	360		30	4	20	0			
	877	1343	361	2350	30	4	20	0			
	938	1413	362	2350							
	851	1444	363								missed several shots -
	081	1447	363	2350							TPL-2 failed
237	103	1517	364	2350							
	124	1548	365	2350							
	185	1618	366	2350							

28

BPI: 1600

[illegible]

29

Conrad.

K 23'-08

318

Hondulu - Hondulu

KK shooting airgun, Conrad receiving
ESP. - (7)

DFS IV

Format: SEG B

BPI: 1600

[illegible]

RECORDING LOG

30

R/V VEMA Conrad

DFS IV

Cruise: RC2308

Format: SEGB

Line: 319-320

Conrad shooting aligun + receiving
KK explosives
ESP 7 Cont'd

BPI: 1600

Date	Shot Point #	Time	Tape #	Depth Fm	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
238	001	0100	377	2386	60	4	30	0			first couple of shots at 20?
	35	0132	378	2390							
	68	0205	379	2390'	60	4	39				
	100	0238	380	2390'							
	127	0304	380		60	4	20				CHANGE RECORD LENGTH.
	140	0312	381	2390	60	4	20				
	201	0342	382	2390	60	4	20				
	263	0413	383	2390							
		0430									KK GUNS FIRING.
	326	0445	384	2390	60	4	20				
		0505									5/13# ON RUD. 1
	388	0516	385	2370	60	4	20				
	450	0547	386	2370	60	4	20				
	513	0618	387	2370	60	4	20				
238	575	0650	388	2374	60	4	20				
238	636	0720	389	2323	60	4	20				
	699	0752	390	2320	60	4	20				
	761	0823	391	2370	60	4	20				
238		0833	391	2370	60	4	20				End of line 319
	784	1340	392	2390	60	4	20	0			Begin line 320 - COP
	846	1811	393	2390							
	908	1442	394	2390							
	952	1509	395	2390							Switch to TRX-2-TRX-1 last run in - missed

31

Line: 370

Conrad + KK
Honolulu Honolulu

DFS IV

Format: SEG-B

BPI: 1600

[illegible]

(32)

Conrad

Conrad + KK

ESP #8

DFS IV

Format: SE6B

BPI: 1600

[illegible]

RECORDING LOG

R/V ~~VEMA~~

Conrad

Cruise:

RC 2308

Line:

322

ISP #8

Conrad + K.K. Conrad
Shooting airguns and
K.K.: Explosives

DFS IV

Format:

SEGB

BPI:

1600

Date	File Shot Point #	Time	Tape #	Depth F.M.	Pop Rate	Samp. Rate	Rec. L SEC	Trip Del. sec	O/D	P/E	Comments
239	001	0928	417		60	4	20				
	003				60	4	39				CHANGE TO 39 SEC
	034	1001	418					0			
	067	1034	419					0			
	098	1105	420					0			
	131	1138	421		60	4	39	0			GUN #2 OFF TEMP
	164	1211	422		60	4	39	0			
		1229					20				next shot - record length changed to 20
	211	1245	423		60	4	20	0			
	274	1320	424		60	4	20	0			
	334	1351	425	2550	60	4	20	0			
	395	1422	426	2550							missed one shot at change
	456	1452	427	2550							
	518	1523	428	2550							
	579	1554	429	2550							
	639	1624	430	2550							Snowbird #49 on at 1640Z
	700	1654	431	2550							
	760	1724	432	2550							
	820	1754	433	2550							
	881	1825	434	2525							
	943	1856	435	2535							
	005	1926	436	2515							
	067	1957	437	2525							
	077	2002	437	2530							off end

RECORDING LOG

34

R/V ~~VEMA~~ ^{CONRAD}

Cruise: RC-23-08

Line: 323-324

C.O.P. # I 16 Km separation
conrad + K.K. both shooting w/
airguns

DFS IV

Format: SEGB

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
240	001	0200	438	2500	30	4	20	0			
1982	062	0230	439	2500							
	0124	0301	440	2535							0255 S/A 50 ON AUX 1
	185	0330	441	2550							
	247	0403	442	2560							
	307	0434	443	2580	30	4	20	0			0430 S/B 50 ON AUX 1
	371	0505	444	2590							
	434	0536	445	2600							
	476	0607	446								
	559	0639	447								
	620	0709	448								
	682	0740	449								
	744	0811	450								
	806	0842	451								Conrad airguns off at
		0913	451	off (End of the tape)							0911. End of line
											323.
240	868	1237	452		60	4	39	0			Begin line 324
	900	1309	453		60	4	39	0			KK (only) firing. Conrad
	931	1340	454	2590 F	60	4	39	0			not firing. All guns
	962	1411	455	2590							
	994	1443	456	2600							
	026	1514	457	2600							
	057	1545	458	2600							

35

Conrad + KK
Hondulu - Hondulu

DFS IV

Format: SEG-B

BPI: 1600

[illegible]

(36)

DFS IV

CONRAD & K.K. Honolulu - Honolulu

Format: SEE B

Explosives + Airgun

BPI: 1600

[illegible]

RECORDING LOG

37

R/V AEMA Conrad

Cruise: RC2308

Line: 326

Cop within ESP9

single channel

DFS IV

Format:

BPI: 1600

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
Day 240	1	2305	470	2580	30	4	20	0			hot up to range yet
	63	2336	471	2549							2320 - KK in range
Day 241	124	0007	472	2533							2339 all lined up w/ KK
	186	0038	473	2552							
	249	0109	474	2564							
	312	0141	475	2592							
	375	0212	476	2582							
	436	0243	477	2595	30	4	20	0			
	499	0314	478	2600							
	562	0346	479	2535							
	625	0417	480	2550							
	688	0449	481	2518							
	749	0519	482	2538							
	792	0540	483	2518	30	4	20	0			ABORTED 482 TPX/NO STOP
	854	0617	484	2345							
	916	0648	485	~2000							
	978	0719	486	2063							
	041	0750	487	1647							
	103	0821	488	1871							
	165	0852	489	2034							
	227	0923	490	1962							
	289	0954	491	1752							
	356	1027	492		30	4	20	0			

35

Honolulu - Honolulu

Cruise: RC2308

Format: SEG-13

Line: 326

BPI: 1600

[illegible]

39

DFS IV

Handwritten: Handwritten - Handwritten

Format: $S \in G \setminus B$

ESP to Explorer

BPI: j300

[illegible]

RECORDING LOG

R/V ~~WEMA~~ Conrad

COP bet. Esp 10+11

DFS IV

Cruise: RC2308

Format:

Line: ~~222~~ 328

36Km bet RCH KR

BPI: 1600

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
Day 242	201	224	516		30	4	20	0			SHIPS FIGHT REJECTED
		0234									ABORTED LINE START
	001	0303	516	1800	30	4	20	0			START LINE
	63	0334	517	1800	30	4	20	0			SWITCH ENGINES RANGE 400Y
	125	0406	518	2020							MISSED 2 SHOTS BEFORE #186
	186	0438	519	2090	30	4	20	0			ENGINE TROUBLE RANGE
	299	0509	520	2075							VARYING 3.6-4.5 Km.
242	309	0540	521	2240	30	4	20	0			MISSED A COUPLE BEFORE 309
	371	0611	522		30	4	20	0			
	434	0643	523								
	497	0714	524								
	560	0746	525								
	623	0817	526								
	685	0848	527								
	747	0919	528		↓	↓					
	809	0950	528 off		↓	↓	✓	✓			
	812	0956	529	10	30	4	39	0	Record		length has been
	844	1028	530		30	4	39	0			changed to 39 sec. Con-
	877	1101	531		30	4	39	0			rad stopped shooting at
	910	1136	532		11	11	11	11			~0953 when both ships
	943	1209	533		11	11	11	11			got together at the
	975	1241	534		11	11	11	11			middle point.
	009	1314	535		30	4	39	0			

④

Honolulu - Honolulu

Format: SEGB

Line: 328

ESP # 1

BP1: 1600

[illegible]

RECORDING LOG

R/V ~~VEMA~~ Conrad

Cruise: C23-08

Line: 329

Honolulu Honolulu
Conrad only

DFS IV

Format: SEG-B

BPI: 1600

(42)

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del. ms	O/D	P/E	Comments
Day 242	001	1510	539	2240	20	4	12	4K			
1982	106	1545	540	2300							
	210	1619	541	2300							
	315	1654	542	2300							
30 AUG	377	1719	543	2300							TPX-1 kept running -
	481	1753	544	2350							switch to TPX-2
	587	1828	545	2443							
	692	1903	546	2350							
	797	1939	547	2305							
		1954	"	2444							missed several shots -
	902	2016	548	2395							power supply turned off
	010	2052	549	2315							
	117	2129	550	-*Tape	LOST	- recorded					missed several shots
	130	2139	550	2228							TPX-1 refused to start
	236	2214	551	2194	Tape	run away					TPX-1 randomly picks shots
	?	~2237	552	2160							
	393	2311	553	2111	run away!						
	420	2321	554	2150							
	525	2356	555	2180							
Day 243	630	0031	556	2200							
	734	0106	557	2232							
	-	0136	-								
	839	0141	558	2220							Gun 2 off, Gun 1 on

* Tape was recorded over - i.e. Tape renumbered as up recorded over tape didn't exist - lost about 10 min. who ended in for number in tapes 550-552

RECORDING LOG

R/V ~~VITA~~ CONRAD

Cruise: RE 2368

Line: 329

HONOLULU - HONOLULU
Aug 82

DFS IV

Format: 8E-9 B

BPI: 1800

43

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate	Samp. Rate ms	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
243	839	0141	558	2200	20	4	12	4			
1982	945	216	559	2300							
	052	0252	560	2270	20	4	12	4			
	157	0327	561	2300							
31 AUG	262	0402	562	2300							
	368	0437	563	2230	20	4	12	4			
	474	0512	564	2350							
	579	0547	565	2350	20	4	12	4			
		0622	565	2352							→ problems to start tape
	678	0636	566	2352	20	4	12	4			566 in TPX2
	783	0711	567	2352							
	894	0746	568	2349							
	001	0821	569	2357	20	4	12	4			many shots missed.
	025	0847	570	2358							TPX9 did not stop to
	130	0922	571	2359							wait for other shot.
	236	0958	572		20	4	12	4			
	340	1032	573		11	4	11	11			
	446	1108	574		11	11	11	11			
	551	1143	575		11	11	11	11			
	656	1218	576		11	11	11	11			
	761	1253	577		11	11	11	11			TPX1 BEHAVING STRANGELY
	821	1329	578		11	11	11	11			TAPE 577 MAY HAVE PROBLEMS
	925	1404	579	2370							

RECORDING LOG

R/V ~~VERNA~~

Cruise:

Line:

DFS IV

Format:

BPI:

ts

[illegible]

RECORDING LOG

R/V ~~WEMA~~ *Conrad*

Cruise: C 23-08

Line: 330

Honolulu - Honolulu

DFS IV

Format: *SECB*

BPI: *1600*

45

Date <i>Gmt</i>	Shot Point #	Time <i>Gmt</i>	Tape #	Depth <i>Fm</i>	Pop Rate	Samp. Rate <i>ms</i>	Rec. L <i>ms</i>	Trip Del <i>ms</i>	O / D	P / E	Comments
Day 244	001	0440	594	2500	20	4	12	4.0			
1982-91	101	0514	595	2500	20	4	12	4.0			
	212	0550	596	2450							
	312	0624	597	2455	20	4	12	4.0			
	423	0701	598	2431							
	523	0734	599	2420	20	4	12	4.0			
	634	0811	600	2480							
	736	0845	601	2368							
	848	0922	602	2388	20	4	12	4.0			
	949	0956	603								
	62	1040	604		20	4	12	4			TPX1 FAILED TO START
	172	1116	605		20	4	12	4			For tape 604 - SHIFTED to TPX2
	279	1153	606		20	4	12	4			1131 AIRGUN #3 ON
	391	1231	607		20	4	12	4			
	483	1302	608								
	595	1340	609	2278	20	4	12	4			Steamer depths: head = 34,
	678	1413	"								50, 40, 42, 32 52 (tail)
	696	1413	610	2270							
	807	1450	611	2260							
	907	1523	612	2245							
	018	1600	613	2250							
	117	1633	614	2280							
	228	1710	615	2300							

RECORDING LOG

R/V ~~WEMA~~ *Conrad*Cruise: *C 23-08*Line: *330**C 23-08*
Honolulu - Honolulu

DFS IV

Format: *SEGB*BPI: *1800*

(46)

Date GMT	Shot Point #	Time GMT	Tape #	Depth FM	Pop Rate rel	Samp. Rate ms	Rec. L sec	Trip Del. sec	O/D	P/E	Comments
<i>Day 244</i>	<i>327</i>	<i>1743</i>	<i>615</i>		<i>20</i>	<i>4</i>	<i>12</i>	<i>4.0</i>			<i>shut down to replace a card.</i>
<i>1982</i>	<i>328</i>	<i>1745</i>	<i>616</i>	<i>2300</i>							<i>missed ~ 6 or 7 shots</i>
	<i>431</i>	<i>1820</i>	<i>617</i>	<i>2315</i>							
	<i>536</i>	<i>1855</i>	<i>618</i>	<i>2325</i>							
	<i>641</i>	<i>1930</i>	<i>619</i>	<i>2330</i>							
	<i>745</i>	<i>2004</i>	<i>620</i>	<i>2330</i>							
	<i>851</i>	<i>2040</i>	<i>621</i>	<i>2330</i>							
	<i>956</i>	<i>2115</i>	<i>622</i>	<i>2330</i>							
	<i>062</i>	<i>2150</i>	<i>623</i>	<i>2210</i>							
	<i>* 167</i>	<i>2225</i>	<i>624</i>								<i>missed 1 shot * up to 191 fouled up</i>
	<i>183</i>	<i>2232</i>	<i>624</i>	<i>2370</i>							
	<i>288</i>	<i>2307</i>	<i>625</i>	<i>2375</i>							
	<i>393</i>	<i>2342</i>	<i>626</i>	<i>2405</i>							
<i>Day 245 -</i>	<i>500</i>	<i>0018</i>	<i>627</i>	<i>2436</i>							<i>1 minute lost 0017-0018</i>
	<i>604</i>	<i>0053</i>	<i>628</i>	<i>2453</i>							
	<i>710</i>	<i>0128</i>	<i>629</i>	<i>2491</i>							
	<i>814</i>	<i>0203</i>	<i>630</i>	<i>2460</i>							
	<i>922</i>	<i>0239</i>	<i>631</i>	<i>2475</i>							
	<i>030</i>	<i>0315</i>	<i>632</i>	<i>2478</i>							
	<i>0136</i>	<i>0350</i>	<i>633</i>	<i>2483</i>							
	<i>224</i>	<i>0419</i>	<i>633</i>		<i>20</i>	<i>4</i>	<i>12</i>	<i>0.0</i>			<i>DELAY TO 0.0 SEC.</i>
	<i>243</i>	<i>0428</i>	<i>634</i>	<i>2482</i>							<i>BAD TAPE ABORTED EARLY</i>
	<i>336</i>	<i>0457</i>	<i>635</i>	<i>2430</i>							

RECORDING LOG

R/V VEMA CONRADCruise: RC2308Line: 330RC 2308
HONOLULU TO HONOLULU

#1, #4 GUNS = 1000

#2, #3 GUNS = 466

DFS IV

Format: SFC B

BPI: 1800

(47)

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
DAY 295 82	336	0457	635	2430	20	4	12	0			2-466 1-1000
	0442	0532	636	2342							2-1000
	548	0607	637	2263							
	654	0643	638	2284							
	760	0718	639	1736							
	865	0753	640	1243							
	971	0828	641	360							
	078	0904	642	292							
	184	0939	643		20	4	12	0			#2#3#4 GUNS ON
	291	1014	644		20	4	12	0			#1 GUN OFF
	396	1050	645		20	4	12	0			
	502	1125	646		20	4	12	0			
	608	1200	647		20	4	12	0			
	714	1236	648		20	4	12	0			
	822	1311	649		20	4	12	0			
	926	1350	650	295	20	4	12	0			
	013		"								A/C 054°
	032	1425	651	300							
	103	1449	652	300							Bad tape - switch to TTX-2
	206	1524	653	350							missed (- 2 shots
	311	1559	654	330							0600 A/C 066°
	409	1631	655	320							1706: A/C 076°
	515	1707	656	320							

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Honolulu - Honolulu

DFS IV

Format: *SEGB*

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate mins	Rec. L sec	Trip Del. sec	O / D	P / E	Comments
Day 245	620	1742	657	220#	20	4	12	0			streamer dphs - Head = 30,
1982	725	1817	658	143							40, 40, 45, 33 49 (fail).
		1828		137							* Air gun #4 - shut off
	830	1852	859	190							for service
	877	1908									System shut for repair
		1908									during turn
		1909		266							Switched on Gun #4 - on
	890	1930	660	320							TPX-1 run again
	995	1955	661	422							TPX-2 had problem starting
	104	2038	662	525							switched again to TPX-1
	210	2013	663	1294							
	215	2148	664	1653							
	419	2223	665	21600							
	525	2258	666	1650							
	631	2334	667	1560							
Day 246	737	0009	668	1773							
	843	0044	669	2006							
	949	0120	670	2027							
	054	0154	671								
	159	0230	672	2300							TAPE DIDNT STOP MISSED
	241	0305	673	2450							SOME SHOTS.
	347	0340	674	2400							
	452	0415	675								END TAPE 674 & LINE

99

Honolulu Honolulu

DFS IV

Format: *SEGR*

BPI: 1600

Date GUT	Shot Point #	Time GUT	Tape #	Depth Fm	Pop Rate	Samp. Rate	Rec. Sec	Trip Del	O/D	P/E	Comments
246	452	0415	675	2500	20	4	12	0			
	477	0424	675		20	4	12	4			CHANGE TO 4 SEC DELAY
	557	0450	676	2515	20	4	12	4			
	662	0525	677	2485	20	4	12	4			
	771	0604	678	2520	20	4	12	4			
	876	0639	679	2515	20	4	12	4			
	981	0714	680	2511							making a turn between
	088	0749	681	2525							~0730 and ~0800
	193	0824	682	2529							
	298	0859	683	2520							
	403	0934	684	2495	20	4	12	4			
	509	1010	685	2480	20	4	12	4			
	616	1046	686	2450	20	4	12	4			
	721	1122	687	2430							
	739 *	1147	688	2420							* FILE COUNT SEEMS LOW
	846	1224	689	2415							(SHOULD BE 839?)
	954	1301	690	2400							
	999	1320	691	2400							TAPE 690 APPEARED TO
	84	1355	692	2395							BE RUNNING BACKWARDS
	189	1430	693	2390							
	263	1455	694	2300							Had to switch to TAX-2; TAX-1
	368	1530	695	2350							running -
	473	1605	696	2340							

RECORDING LOG

R/V ~~VEMA~~ *Conrad*
 Cruise: *C23-08*
 Line: *331*

Honolulu - Honolulu

1610 Z
Steamer depths:
Head = 25'
40'
40'
42'
33'
tail = 50'

DFS IV

Format: *SEG-B*BPI: *1600*

(50)

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del sec	O / D	P / E	Comments
<i>Day 246</i>	<i>579</i>	<i>1640</i>	<i>697</i>	<i>2325</i>	<i>20</i>	<i>4</i>	<i>12</i>	<i>4.0</i>			
<i>GMT</i>	<i>615</i>	<i>1653</i>	<i>698</i>	<i>2325</i>							<i>TPX-1 kept running - Switch</i>
	<i>720</i>	<i>1728</i>	<i>"</i>			<i>system #</i>	<i>for card change</i>				<i>TPX-2</i>
	<i>721</i>	<i>1729</i>	<i>699</i>	<i>2320</i>		<i>misses</i>	<i>after shots</i>				
	<i>826</i>	<i>1804</i>	<i>700</i>	<i>2310</i>							<i>GUN # 1 ON GUN # 2, 3 off</i>
		<i>1831</i>									
	<i>931</i>	<i>1839</i>	<i>701</i>	<i>2310</i>							<i>TPX-1 was running w/out</i>
	<i>981</i>	<i>1902</i>	<i>702</i>	<i>2300</i>							<i>recording</i>
	<i>987</i>	<i>1937</i>	<i>703</i>	<i>2300</i>							
	<i>192</i>	<i>2012</i>	<i>704</i>	<i>2300</i>							<i>lost all pressure - airgun off</i>
	<i>214</i>	<i>2019</i>									<i>gun on - # 1, # 4</i>
	<i>296</i>	<i>2047</i>	<i>705</i>	<i>2300</i>							
	<i>404</i>	<i>2123</i>	<i>706</i>	<i>2300</i>							
	<i>508</i>	<i>2158</i>	<i>707</i>	<i>2300</i>							
	<i>613</i>	<i>2233</i>	<i>708</i>	<i>2308</i>							
	<i>718</i>	<i>2308</i>	<i>709</i>	<i>2309</i>							
	<i>823</i>	<i>2343</i>	<i>710</i>	<i>2310</i>							
<i>DAY 247</i>	<i>927</i>	<i>0018</i>	<i>711</i>	<i>2309</i>							
	<i>33</i>	<i>0053</i>	<i>712</i>	<i>2305</i>	<i>20</i>	<i>4</i>	<i>12</i>	<i>4.0</i>			
	<i>137</i>	<i>0127</i>	<i>713</i>	<i>2070</i>	<i>20</i>	<i>4</i>	<i>12</i>	<i>3.0</i>			<i>0152 delay to 3 sec</i>
	<i>242</i>	<i>0203</i>	<i>714</i>	<i>1650</i>	<i>20</i>	<i>4</i>	<i>12</i>	<i>3.0</i>			<i>lost one shot</i>
	<i>348</i>	<i>0238</i>	<i>715</i>	<i>2182</i>							<i>2232 - Airgun 2, 3, 4 on</i>
	<i>454</i>	<i>0314</i>	<i>716</i>	<i>2290</i>	<i>20</i>	<i>4</i>	<i>12</i>	<i>3.0</i>			

RECORDING LOG

R/V ~~VEMA~~ CONRAD

Cruise: RC 2308

Line: 331

Honolulu to Honolulu
Aug - Sept 82

DFS IV

Format: 585 B

BPI: 1 ft

(57)

Date CMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del sec	O/D	P/E	Comments
247	454	0314	716	2290	20	4	12	3.0			
1982	560	0349	717	2300							MISSING
	156	0421	718	2300							missed 10 th SHOTS
	695	0434	"								turned system off to change
	696	0435	"								cards.
	763	0458	719	2300	20	4	1.2	30			turned system on again.
	869	0533	720	2350							
	949	0600									DOWN TO 1 GUN (#4)
	976	0609	721	2163							
	055	0643	722	2389							on line #2 #3 and #4
	163	0719	723	2400							off #1 (GUNS). Some
	269	0754	724	2388							shots when starting
	376	0830	725	2394							tape 722 are missed.
	430	0854	725	2330	TPX-1	not working					TPX-1 run away
					properly.	System					start making a turn
											in ~10 minutes (0906)
	438	1043	726	2378	20	4	12	3			SYSTEM ON (line 332)
	544	1118	727	2394	20	4	12	3			GUNS #2, #3, #4 ON
	650	1153	728	2401	20	4	12	3			
	771	1230	729	2270	20	4	12	3			
	865	1330	730	2285	20	4	12	3			tape 729 took long time
	972	1405	731	2390							to finish
	079	1440	732	2390							

RECORDING LOG

R/V VEMA *Conrad*

Cruise: C23-08

Line: 338

Honolulu - Honolulu

DFS IV

Format: SEGB

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del sec	O/D	P/E	Comments
Day 247	186	1516	733	2350	20	4	12	3			
1982	276	1550	734								TPX-1 ran away misclafew
		1556	"								H/C
	384	1626	735	2300							
	491	1701	736	2240							
	599	1738	737	2350							
	705	1813	738	2350							
	812	1848	739	2320							
	919	1925	740	2340							TPX-1 didn't start shift
	031	2003	741	2370							again for TPX-2
	140	2039	742	2365							
	245	2114	743	2370							
	352	2150	744	2370							
	458	2225	745	2377							
	564	2301	746								
	669	2336	747	2387							
Day 248	776	0011	748	2390							
	882	0047	749	2393							
	988	0122	750	2406							
	094	0157	751	2416							
	201	0233	752	2438	20	†	12	3			
	306	0308	753	2450							
	413	0343	754	2460							

RECORDING LOG

R/V ~~WEMA~~ CONRAD

Cruise: RC2308

Line: 332

Honolulu to Honolulu

DFS IV

Format: SECS

BPI: 1600

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L	Trip Del.	O/D	P/E	Comments
248/82	413	0343	754	2460	20	4	12	3			
	518	0419	755	2480							
	625	0454	756	2500	20	4	12	3			
	731	0530	757	2525							
	838	0603	758	2525	20	4	12	3			
	943	0640	759	2532							
	051	0716	760	2531	20	4	12	3			
	156	0751	761	2547							
	263	0827	762	2568	20	4	12	3			
	369	0902	763	2566	1	1	1	1			
	476	0938	764	2575							
	582	1013	765	2584	20	4	12	3			
	689	1049	766	2575	1	1	1	1			
	794	1124	767	2587							
	901	1200	768	2585	20	4	12	3			
	009	1236	769	2590	20	4	12	3			
	116	1313	770	2585							
	223	1348	771	2400	20	4	12	3			
	333	1428	772	2350							streamer depth = Head 2.41
			"								35.40, 42 33 50 (A/C)
			"								1424: A/C 272°
	365	1439	773	2300							TPX-1 ran on - lost 22
	472	1515	774	2100							shots

RECORDING LOG

R/V VEMA

Cruiser: C23-08

Honolulu Honolulu

DFS IV

Format: SEGB

Line: 332

BPI: 1600

Date GMT	Shot Point #	Time GMT	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. L sec	Trip Del sec	O/D	P/E	Comments
Day 248 1982	578	1550	775	2100	20	4	12	3			Streamers depths: Head: 35
	684	1626	776	1900				3			45, 40, 42, 35, 50 (tail)
	731	1642	"					3/0	change delay to 6		Sea temp = 82°F (28°C)
	789	1701	777	1400				0			
	896	1736	778	1075							
	003	1812	779	1590							
	109	1847	780	1980							1835-1900 - only Gun #4 - on
	214	1922	781	1770							1900 - back to Gun #2, 3, 4
	320	1957	782	1600							
	425	2032	783	1700							
	531	2108	784	1670							
	636	2143	785	1560							
	746?	2218?	786	1600							
	847	2253	787	1660							
	953	2328	788	1740							
Day 249 1982	59	0003	789	1860							
	165	0039	790	1827							
	270	0114	791	1900							lots of sync errors first 10 files run away - lost ~ 4 min.
	375	0149	792	2005							
	401	0201	793	1990							
	509	0238	794	2215							MISSED 4 SHOTS AT SWITCH
	720	0348	795	2440							
			796								

RECORDING LOG

R/V VENA Coral

Cruise: C 23-08

Line: 332

Hawaii - Hawaii

DFS IV

Format: 806-B

BPI: 1600

Date Gmt	Shot Point #	Time Gmt	Tape #	Depth Fm	Pop Rate sec	Samp. Rate ms	Rec. Sec	Trip Del. sec	O/D	P/E	Comments
24 th	617	0213	795	2305							
6 SEPT	720	0348	796	2440	30	4	12	0			
	825	0422	797	2500							
	859	0435	797		30	4	12	4			DELAY TO 4 SEC.
	931	0459	798	2500							
	37	0534	799	2530	30	4	12	4			
	143	0609	800	2530							TPX-1 run away about
	226	0642	801	2523	20	4	12	4			0600. shots ~200-225
	332	0717	802	2527							probably are not recorded.
	437	0752	803	2322	20	4	12	4			
	543	0827	804	2518							
	648	0903	805	2500	20	4	12	4			
	755	0938	805								
			807								
	755	0938	805	2427	20	4	12	4			TPX-1 run away from
	758	0952	806	2370							0938 till 0952
	864	1028	807	2285	20	4	12	4			
	973	1105	808	2245							
	83	1145	809	2240	20	4	12	4			TPX-1 not starting properly
	192	1225	810	2275							tape ⁸⁰⁰ loaded on TPX-2
	299	1302	811	2250							
	407	1338	812	2290	20	4	12	4			
	513	1413	813	2360							

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Conrad

Honolulu - Honolulu

DFS IV

Format: *SEGB*

BPI: 1600

[illegible]

RECORDING LOG

CONRAD
R/V ~~CONRAD~~

DFS IV

Format:

BPI:

Cruise: RC 2308

Line: ~~CONRAD~~ ON/OFF

LOG FOR SONOBUOY ONLY

Date	Spot ON/OFF	Time— ON/OFF	Tape #	Depth	Rate	Samp. Rate	Rec. L.	Trip Del.	O / D	P / E	Comments
16 AUGUST	ON	22:12	23-214								
1982 19 AUG	ON	03:34:28	23-215								Shut off 2nd tape drive pulley
18 AUG 1982	ON	04:55	23-216								
	OFF	05:48									
18 AUG 1982	ON	05:59	23-217								15:30 last shift break 15:30 change to SP 1 17:55 change for 1 chan, SB 22:59 to zero samples 03:43 2 channels for SB SP3 15:15 day 232
(232) 20 AUG 1982	ON	0017	23-218								
23 21 AUG	OFF	0930									
233 21 AUG	ON	0937	23-219								
21 AUG	OFF	2048	23-219								PREC. HUNG
(233) 21 AUG	ON	2100	23-220								
23 AUG. '82	OFF	1807	23-220								
23 AUG. '82	ON	1812	23-221								
(237) 23 AUG 82	OFF	0547	23-221								
(237) 23 AUG 82	ON	0549	23-222								
23 AUG 82	OFF	0956	23-222								
23 AUG 82	OFF	0958	23-223								
23 AUG 82	OFF	0200	"								
28 AUG 82	ON	0203	23-224								
		1830									Individual tape in, off line
29 AUG 82	OFF	0340	23-224								
29 AUG 82	ON	0347	23-225								

RECORDING LOG

DATA LOGGER

R/V ~~VEMA~~ CONRAD

Cruise: RC 2308

Line: ON/OFF

LOG FOR SENSORS
ON 44

DFS IV

Format:

BPI:

(2)

Date	Shot Point #	Time	Tape #	Depth	Pop Rate	Samp. Rate	Rec. L.	Trip Del.	O/D	P/E	Comments
(244) SEPT 1	OFF	03:05	23-225								
SEPT 1	ON	03:08	23-226								
(246) 3 SEPT	OFF	11:22	23-226								
(246) 3 SEPT	ON	11:25	23-227								247:0730 SPD/DIST IN MIN RANGE
(248) 5 SEPT	OFF	20:44	23-226								
(248) 5 SEPT	ON	20:46	23-227								C DB
250 7 SEPT	OFF	00:13	23-227								FLT 9K/10T 110 Hz 4P
250 7 SEPT	ON	00:15	23-228	10.2							COYT 20 ft 40000
											0054 TO=400
											1800 psi, 20 ft depth
											21:10 10 ft depth
											21:10 10 ft depth
											21:10 10 ft depth
											21:10 10 ft depth
	OFF	21:16									21:16 10 ft depth
250 7 SEPT	ON	21:20	23-229	Reptd		1340	Buttons				21:25 and Rest-guns off
											21:46 NS = 20000
											21:46 Hydrophone 100 meters
											21:50 C DB
											21:50 10 ft depth
											21:50 10 ft depth
											22:00:55 guns to 25 feet
											22:01:33 guns at 25 ft
											22:05:12 guns at 1600 psi
											Pressure slowly decreasing to 1400

DATA LOG-ENTER

Cruise: RC 2308

Line:

DFS IV

Format:

BPI:

[illegible]