

MULTICHANNEL LOG

PAGE NO. 7

CRUISE RL30-05 LINE 1 NUMBER OF SHIPS 1 THIS SHIP Conrad
 CDP _____ COP _____ AIRGUNS ✓ EXPLOSIVES _____
 RECEIVING SHIPS Conrad _____
 NUMBER OF TRACES 96 _____
 GROUP SPACING 25m _____
 SHOOTING SHIPS Conrad _____
 SHOT INTERVAL 20,25 _____
 APPROXIMATE SHOT TIME (SES) _____
 DATE APR 7 TIME GMT 2034 LATITUDE ~40° 17' N LONGITUDE 73° 11' W DATATAPE NO. 1 LOGTAPE NO. _____
 START LINE 097 END LINE 099 ALBANY 31

DISTANCES WHERE APPLICABLE

SHIP	AIRGUN TO 1ST RECEIVER	MINIRANGER TO AIRGUNS	ANTENNA TO 1ST RECEIVER	RADIST TO AIRGUNS	ANTENNA TO 1ST RECEIVER
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

RECORDING LOG

PAGE NO. 7.....R/V ConradAND R/V'S MONITOR TR 91

116 CHANNELS

CRUISE RC30-05AREA HUDSON RIVERDES IV 90 CHANNELSLINE NO. 846LINE TYPE CDPSOURCE AIR GUNS

FORMAT: _____

BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP	COMMENTS
B7C	1713	001	1713	20	12	1	5	0		COL. FORGOT SOL DATA. SINGLE CH.
										GUNS 5+6 ONLY 1600 PSI
097	2034	001	001	30	20	4	16	0	006	START HUDRIS MCS. DRIVE A.
	2056				25				~071	CHANGE POP RATE
	2105									~2000 PSI
7	21259	^{END} 001	128						133	
APR	21224	002	129						134	
89	221519	^{END} 002	0256	30	25				261	
	221544	003	0257	30	25				262	
	2237									Turning streamer off
7	224134	003	0310						323	streamer on
	~2303									GUNS 1,2,3+4 ON
	~2306									ALL 10 GUNS ON
	231159	^{END} 003	0384	30	25				397	2000 PSI
	231224	004	0385						398	
✓	231609		394		24				394 407	CHANGE POP RATE
098 8 APRIL	000322	^{END} 004	0512						525	525
89	000346	005	0513						526	526
	000928		525		30					Change POP RATE Port side portable compressor blow an air hose.

RECORDING LOG

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R/V CONRAD

AND R/V' S

116 CHANNELS

DFS IV 96 CHANNELS

CRUISE 12C3005

AREA HUDSON RIVER

FORMAT: SEG Y

LINE NO 2

LINE TYPE COP

SOURCE 10 - AIRLINES

БР 16250

346

JULIAN DATE	TIME GMT	TAPE # + DRIVE	FILE COUNT	DEPTH FTH M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP	COMMENTS
098	0022		553		24	4	16	0	566	CHANGE POP INTERVAL
	0027									CHANGE BIDS AT CANS 1,2,4,6 FROM 20 TO 10
	0034									DIESEL COMP FIXED TONLINE, ELECT OFF
	005709	5A	640	24					654	
	005733	6B	641						655	
	0149	6B	768						782	ALTER COURSE
		7A	769						783	
	024024	7A	896	22					890	~0320 SET BIDS TO 40 FT
		8B	897						891	
	033154	8B	1024						1039	
		9A	1025						1040	
	042245	9A	1152						1167	
	042309	10B	1153						1168	
	051357	10B	1280						1295	
	051424	11A	1281						1296	
	060510	11A	1408						1423	
	060534	12B	1409						1424	SP1476 0626 LOW PRESSURE ALARM ALL GUNS OFF
	065623	12B	1536						1551	SP1502 @ 0637 9 GUNS ON #10 OFF
										~SP1564 @ 0700 GUN 6 OFF

RECORDING LOG

PAGE NO. 3.....RV CONRAD

AND R/V'S _____

CRUISE 3005AREA HUDSON RIVERLINE NO. X
846LINE TYPE CDP SOURCE 10-AIRGUNSDFS IV 96 CHANNELSFORMAT: SEGYBPT. 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH -FT M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP	COMMENTS
98		13A 12B	1537		24	4	16	0	1552	
	074735	13A	1664						1679	
8	074759	14B	1665						1680	
APR		—							1720	GUN 6 ON #10 STILL OFF
89	0812								~1745	ALL GUNS ON
	0818								~1758	GUN 5 DOWN
	083847	END 14B	1792						1807	
	083911	15A	1793						1808	
	0917								~1803	GUN 7 DOWN
	0925								~1922	GUN 1 DOWN
	0927		~1912						~1927	GUNS 5+7 ON
	092159	END 15A	1920						1935	
	093023	16B	1921						1936	
	093958	END 16B	1943						1958	ET
	093958		1943						1958	LAST SHOT - Containing ship hit tail buoy.
	102510	17A	0001						2073	
	1025		001		24	4	16		2073	RESTART AFTER STREAMER LOSS.
	103511	17A	0026						2098	BACK END VERY LOW, PROBABLY DRAGGING
	104317		0041					LAST SHOT	2098	→ GUNS OFF FOR TUNNELS

RECORDING LOG

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AND R/V'S _____

CRUISE 3005AREA HUDSON RIVERLINE NO. 1LINE TYPE CDPSOURCE 10 - AIRGUNSDFS IV 96 CHANNELSFORMAT: SEG YBPI. 6250

847

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP	COMMENTS
098	1053	next 18								3636 Pull pull in streamer, clean up + re-deploy streamer
	202805	186	5		25	4	16		3636	all 10 guns firing + recording. Start just N of G.W. Bridge. Very shallow water (~10m) Change pop rate
	2047				26					
	2048								~SP 3685	Streamer dragging on bottom
	2056				25				~SP 3705	" off bottom
	214001	END 18B	0177						3809	
	214051	19A	0178						3811	Streamer steady ~20ft.
	225411	END 19A	0354						3987	
	225436	20B	0355						3988	
	000731	END 20B	0530						4163	
	000756	21A	0531						4164	
	012050	END 21A	0706						4339	
	012115	22B	0707						4340	
	023411	END 22B	0882						4515	
	023436	23A	0883						4516	

APK
89

RECORDING LOG

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R/V CONRAD

CRUISE 3005

LINE NO. 847

AND R/V'S

AREA

LINE TYPE

SOURCE 10 AIR GUNS

DSS240

~~BFS-IV~~ 64 CHANNELS

FORMAT: SEG-Y

BPI 6250

APR
189

[illegible]

FIGURE 10.2. *Continued*

AND R/V' S.

DFS IV _____ CHANNELS

AREA HUDSON RIVER

FORMAT: _____

LINE NO. _____

LINE TYPE SCS

SOURCE WATER GUNS

BPI_____

[illegible]

[illegible]

DATE	TIME	PIT LOG	CSE	SPD	DEPTH	REMARKS	A		B		C	
							SWP	DEL/LO	HI	SWP	DEL/LO	HI
097	0600	80.30	76.8	3.8	29							
7 APR 89	0630	82.17	75.6	3.6	32							
	0700	84.05	103.4	4.1	32							
	0730	85.79	104.9	3.2	33							
	0800	87.28	106.8	3.0	34							
	0830	88.87	105.6	3.4	38							
	0900	90.65	106	3.6	38							
	0930	92.19	107	3.3	38							
	1000	93.85	105	3.5	41							
	1030	95.44	106	3.2	41							
	1100	97.23	105	4.0	40							
	1130	99.12	107	3.7	43							
	1200	101.00	107	3.8	46							
	1330	106.64	106	3.8	52							
	1400	108.42	133	3.2	54	Streamer deployment complete - turning to head ~ west						
	1430	110.23	225	4.2	51							
	1500	112.33	290	4.1	50							
	1530	114.39	290	3.9	49							
	1600	116.24	290	3.3	48	Ship end too deep around can 16						
	1630	117.78	289	2.0	44							
	1700	119.00	289	2.8	44	streamer pulled on board & ~ can 14 & lighted ship end						
	1730	120.42	290	2.8	43							
	1800	121.90	290	3.1	43							
	1830	123.44	290	3.0	40							
	1900	125.01	290	3.3	40							
	1914	125.8	290	3.3		COMMAND ALL BIRDS → 20'						
	1918					C/S 4.5 KTS						
	1930	126.9	290	4.1	38	FIRE DRILL						

[illegible]

DATE	TIME	PIT LOG	CSE	SPD	DEPTH	REMARKS	A		B		C	
							SWP DEL	LO HI	SWP DEL	LO HI	SWP DEL	LO HI
098	1950					Streamer in water 16 active cans (64 CHANNELS)						
8						increasing speed						
APR 89	2000	229.01	31°	3.7	-17	deploy guns						
	2028					on line + shooting						
	2030	231.17	32°	4.4	10							
	2100	233.13	016	4.4	8							
	2130	235.41	016	4.6	10							
	2200	237.96	015	5.1	9							
	2230	240.56	010	5.4	12	* note, speed of current downstream is ~3.2 KTS so that effective water drag is ~8.5 KTS.						
	2300		002	5.7	9							
	2330	246.36	006	5.6	8							
099	0000	249.16	320	6.2	7							
APR 9	0030	252.39	334°	6.3	7.5	Hard bottom in dredged channel						
	0100	255.49	333°	6.4	12							
	0107					Topographic focussing,						
	0114					turning - gun floats hitting streamer.						
	0130	258.43	43°	5.5	15							
	0200	261.35	329°	6.0	26							
	0230	264.43	6°	6.3	24							
	0300	267.81	341°	6.8	19	Sound source detected by West Point Security						
	0330	271.50	348°	7.3	8							
	0400	275.23	10°	8.2	8.5							
	0430	279.06	11°	8.4	15							
	0500	282.11	3	8.9	13							
	0530	287.25	7	8.6	14							
	0600	291.32	4	8.4	13							
	0630	295.47	22	7.9	26							
	0700	299.52	15	8.1	10							
	0730	303.54	14	8.0	9							

LDGO
MAIN LAB LOG

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CRUISE Rc-3005

LDGO
MA LAB LOG

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