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R/V CONRADAND R/V'S PROSPECTADFS IV 48 CHANNELSCRUISE RC24-11AREA NORWEGIAN SEAFORMAT: SEG BLINE NO. NBT-1LINE TYPE ESPSOURCE 3000 IN³/30 GUNS
R/V PROSPECTABPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
232	21:30	824	001	552	60	4	39	10	FIRST SHOT TPX-2 DT1: DT3: DT5: DT2: DT4: DT6:
20 AUG/83	2203	824	33						TPX2
	2203	825	34	538	60	4	39	10	FIRST SHOT TPX-1
	2208	825	39					8	DELAY TO 8 SEC
	2234	825	65					5	DELAY TO 5 SEC
	2236	826	67	518	60	4	39	5	BEGIN 826 TPX2
	2309	826	99						END 826
	2309	827	100	495	60	4	39	5	BEGIN 827 TPX-1
	2316	827	107						39 SEC CAMERA RECORD
	2336	827	127					0	END 827 DELAY 0 SEC
	2342	828	132						BEGIN 828 TPX-2 END 827
	2342	828	133	470	60	4	39	0	BEGIN 828 TPX-2
233	0011								DEPTHS #1=40', #2=37', #3=40', #4=38', #5=35', #6=40'
21	0016	828	166						END 828
Aug	0016	829	167	446	60	4	39	0	BEGIN 829 0024 ALTER COURSE TO 216°
83	0020								BEGINNING TO RECEIVE TONES FROM PROSPECTA ON AUG 23
	0048	829	199						END 829
	0049	830	200	436	60	4	39	0	BEGIN 830
	0122	830	233						END 830

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PAGE NO. 2RV CONRADAND RV'S PROSPEKTACRUISE 2411AREA NORWEGIAN SEALINE NO NGT-1LINE TYPE ESPSOURCE 3000 IN 3 / 30 GUNSRV PROSPEKTA SHOOTING.DFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
233	0126	831	234	424	60	4	39	0	BEGIN 831 MISSED 4 SHOTS ON SWITCH. TPX-1
21 AUG	0159	831	266						END 831
83	0159	832	267	421	60	4	39	0	BEGIN 832
	0232	832	299						END Depth: #1=39, #2=36, #3=39, #4=38, #5=36, #6=42
	0232	833	300	405	60	4	39	0	BEGIN 833
	0305	833	332						END 833
	0305	834	333	395	60	4	39	0	BEGIN 834
	0310		338					5	DELAY TO 5.0 SEC.
	0338	834	365						END 834
	0338	835	366	382	60	4	39	5	BEGIN 835
	0411	835	398						END 835
	0411	836	399	366	60	4	39	5	BEGIN 836 DT1: 38 DT3: 41 DT5: 37 DT2: 35 DT4: 38 DT6: 39
	0419	836	407						Delay to 8.0 SEC
		836	432						END 836
	0445	837	433	362	60	4	39	8	BEGIN 837
	0518	837	465						END 837
	0518	838	466	347	60	4	39	8	BEGIN 838
	0522		470						Delay to 10 SEC DT1: 40 DT3: 42 DT5: 37 DT2: 37 DT4: 39 DT6: 39
	0552	838	499						END 838

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AND R/V'S PROSPEKTA

AREA Norwegian Sea

LINE TYPE ESP SOURCE 3000 / 30 Gauss

DFS IV 48 CHANNELS

FORMAT: SEG 13

BPI 1600[illegible]

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PAGE NO. (4)RV CONRADAND RV'S PROSPEKTADFS IV 4P CHANNELSCRUISE 24-11AREA NORWEGIAN SEAFORMAT: SEG BLINE NO NLT-3LINE TYPE ESPSOURCE 3000 in³ / 30 GUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
233	1931	841	001	618	60	4	39	10	First shot TPX-1 DT1: 39 DT2: 37 DT3: 42 DT4: 41 DT5: 38 DT6: 42
21 Aug	20								
83	2004	841	33						END TAPE 841
	2004	842	34	635	60	4	39	10	BEGIN TAPE 842 DT1: 38 DT2: 36 DT3: 40 DT4: 39 DT5: 37 DT6: 42
	2010	842						8	Set to 8 sec del.
	2037	842	66						END TAPE 842 2010 Delay from 10 to 8 sec.
	2037	843	67	638	60	4	39	8	BEGIN TAPE 843 DT1: 38 DT2: 36 DT3: 40 DT4: 39 DT5: 37 DT6: 41
	2042	843	72					5	Set to 5 sec delay.
	2109	843	79						END TAPE 843 2042 Delay from 8 to 5 sec.
	2110	844	100	652	60	4	39	5	BEGIN TAPE 844 TPX-2 DT1: 40 DT2: 36 DT3: 38 DT4: 38 DT5: 38 DT6: 42
	2143	844	132						END TAPE 844
	2143	845	133	667	60	4	39	5	BEGIN TAPE 845 TPX-1 DT1: 41 DT2: 36 DT3: 38 DT4: 37 DT5: 38 DT6: 42
	2217	845						0	Set to 0 sec. Delay
	2219	845	165						End tape 845 TPX-1
	2219	846	166	682	60	4	39	0	BEGIN TAPE 846 TPX-2 DT1: 38 DT2: 36 DT3: 42 DT4: 39 DT5: 39 DT6: 42
	2250	846	198						End tape 846 TPX-2
	2250	847	199	678	60	4	39	0	BEGIN TAPE 847 TPX-1 DT1: 39 DT2: 36 DT3: 38 DT4: 38 DT5: 37 DT6: 40
	2323	847	231						End tape 847 TPX-1
	2323	848	232	715	60	4	39	0	BEGIN TAPE 848 TPX-2 DT1: 39 DT2: 36 DT3: 40 DT4: 38 DT5: 38 DT6: 42

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AND R/V'S PROSPEKTA

DFS IV 48 CHANNELS

AREA Norwegian Sea

FORMAT: 3EG B

LINE TYPE ESP

SOURCE 3000 in 3/30 guns

BPI 1600

[illegible]

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R/V CONRADAND R/V'S PROSPEKTADFS IV 48 CHANNELSCRUISE 24-AAREA NORWEGIAN SEAFORMAT: SEG BLINE NO NGT-5LINE TYPE ESPSOURCE 3000 m³/30 gunsBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
234	1200	856	001	1037	60	4	39	10	F.S. TPX-2 DT1: 40 DT2: 35 DT3: 39 DT4: 39 DT5: 41 DT6: 41
22	1233	856	033	1022	60	4	39	10	End Tape 856 TPX-2
Aug	1233	857	034						DT1: 39 DT2: 38 DT3: 37 Begin Tape 857 TPX-1 DT4: 37 DT5: 38 DT6: 39
83	1238	857						8	Begin 8 sec. Delay
	1305	857	065	1015	60	4	39	8	End Tape 857 TPX-1
	1305	858	066						DT1: 40 DT2: 39 DT3: 36 Begin Tape 858 TPX-2 DT4: 36 DT5: 36 DT6: 46
	1317	858						5	Begin 5 sec. delay
	1320								TAIL WATERBREAK DETECTOR ON AUX CH. 1 FILTER 50-500 Hz
	1338	858	098	1015	60	4	39	5	End Tape 858 TPX-2
	1338	859	099						DT1: 40 DT2: 39 DT3: 37 Begin Tape 859 TPX-1 DT4: 38 DT5: 38 DT6: 38
	1409	859	130						END TAPE 859 TPX-1 DT1/41 3/36 5/38 2/35 4/37 6/40
	1410	860	131	1014	60	4	39	5	BEGIN TAPE 860 TPX-2
	1442	860	163						END TAPE 860 TPX-2
	1443	861	164	1005	60	4	39	5	BEGIN TAPE 861 TPX-1 DT1/40 3/36 5/36 2/34 4/36 6/40
	1445	861	166					0	ZERO DELAY ON TAPE 861 @ 1445
	1514	861	195						END TAPE 861 TPX-1
	1515	862	196	990	60	4	39	0	DT1/41 3/38 5/38 BEGIN TAPE 862 TPX-2 2/35 4/39 6/41
	1547	862	228						END " " "
	1548	863	229	979				0	DT1/46 3/35 5/36 BEGIN TAPE 863 TPX-1 2/34 4/36 6/41

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RV CONRADAND R/V'S PROSPEKTACRUISE 24-11AREA NORWEGIAN SEALINE NO NGT-5LINE TYPE ESPSOURCE 3000 IN³ / 30 GUNSDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
234	1619	863	260		60	4	39	0	END TAPE 863
22	1620	864	261	955	60	4	39	0	BEGIN TAPE 864 TPX-2 DT1/39 3/35 5/38 2/35 4/38 6/38
AUG	1652	864	293						END " " "
1983	1653	865	294	932	60	4	39	0	BEGIN TAPE 865 TPX-1 DT1/40 3/35 5/38 2/33 4/37 6/40
	1658	71	299					5	BEGIN 5 Sec DELAY
	1724	865	325						END TAPE 865
	1725	866	326	918	60	4	39	5	BEGIN TAPE 866 TPX-2 DT1/38 3/38 5/40 2/35 4/39 6/40
	1757	866	358						END TAPE 866
	1758	867	359	900	60	4	39	5	BEGIN TAPE 867 TPX-1 DT1: 39 DT2: 34 DT3: 38 DT4: 39 DT5: 39 DT6: 40
	1823	867	384					8	8 sec time delay
	1829	867	390						END TAPE 867
	1830	868	391	879	60	4	39	8	BEGIN TAPE 868 TPX-2 DT1: 39 DT2: 34 DT3: 37 DT4: 38 DT5: 39 DT6: 40
	1902	868	423						END TAPE 868
	1903	869	424	859	60	4	39	8	BEGIN TAPE 869 TPX-1 DT1: 40 DT2: 35 DT3: 37 DT4: 38 DT5: 38 DT6: 40
	1928	869	450					10	Delay to 10 sec.
	1934	869	455						END TAPE 869
	1935	870	456		60	4	39	10	BEGIN TAPE 870 TPX-2 DT1: 41 DT2: 35 DT3: 36 DT4: 38 DT5: 37 DT6: 41
	1954	870	477	840					END OF LINE NGT-5 Last shot at 1951

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R/V CONRADAND R/V'S PROSPECTACRUISE 24-11AREA NORWEGIAN SEALINE NO NGT-7LINE TYPE ESTSOURCE 3000 m³ / 30 GUNSDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
235	0330	871	1	1082	60	4	39	10	BEGIN 871; TPX-1; DT1: 36 DT2: 36 DT3: 38 DT4: 37 DT5: 37 DT6: 37
23	0402	871	32						END 871
444	0402	872	33	1082	60	4	39	16	BEGIN 872; TPX-2; DT1: 38 DT2: 32 DT3: 38 DT4: 37 DT5: 37 DT6: 41
83	0415	872	46					8	Delay to 8 SEC
	0435	872	65						END 872
	0435	873	66	1104	60	4	39	8	BEGIN 873; TPX-1; DT1: 38 DT2: 32 DT3: 37 DT4: 37 DT5: 38 DT6: 41
	0441	873	72					5	DELAY TO 5 SEC
	0507	873	97						END 873
	0507	874	98	1114	60	4	39	5	BEGIN 874; TPX-2; DT1: 38 DT2: 32 DT3: 38 DT4: 37 DT5: 37 DT6: 40
	0540	874	130						END 874
	0540	875	131	1140	60	4	39	5	BEGIN 875; TPX-1; DT1: DT2: DT3: DT4: DT5: DT6:
	0612	875	163						END 875
	0613	876	164	1169	60	4	39	5	BEGIN 876; TPX-2; DT1: 39 DT2: 31 DT3: 36 DT4: 37 DT5: 39 DT6: 42
	0624	876	175					0	DELAY to 0 SEC.
	0645	876	196						END 876
	0646	877	197	1169	60	4	39	0	BEGIN TAPE 877 TPX-1; DT1: 39 DT2: 30 DT3: 37 DT4: 37 DT5: 36 DT6: 40
	0718	877	229						END 877
	0719	878	230	1181	60	4	39	0	BEGIN 878; TPX-2; DT1: 39 DT2: 32 DT3: 37 DT4: 37 DT5: 38 DT6: 40
	0751	878	262						END 878

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R/U CONRAD

AND R/V'S PROSPEKTA

DFS IV 48 CHANNELS

CRUISE 24-11

AREA NORWEGIAN SEA

FORMAT: SEG B

LINE NO UGT-7

LINE TYPE ESP

SOURCE 3000 in³/30 Guns

BFI 1600

[illegible]

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JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
235	2215	886	001	1288	³⁰ 60	4	20	0	F.S. NGT 8 TAPE 886 TPX2 DT1: 40 DT2: 35 DT3: 40 DT4: 39 DT5: 37 DT6: 42
23 Aug	2225	886	19						DATA LOGGER CRASH
1983	2233	886	20						UP AGAIN ABOUT 10 SHOTS LOST.
	2255	886	063						LAST SHOT TXP1
	2255	887	064	1276	³⁰ 60	4	20	0	FIRST SHOT TXP2 DT1: 40 DT2: 35 DT3: 40 DT4: 40 DT5: 39 DT6: 42
	2325	887	124		³⁰ 60				LAST SHOT TXP2 NO SHOTS LOST
	2325	888	125	1253	³⁰ 60	4	20	0	FIRST SHOT TXP1 DT1: 40 DT2: 35 DT3: 40 DT4: 37 DT5: 36 DT6: 42
	2353	888	187						LAST SHOT TXP1 NO SHOTS LOST
	2353	889	188	1254	³⁰ 60	4	20	0	FIRST SHOT TXP2 DT1: 37 DT2: 39 DT3: 37 DT4: 36 DT5: 36 DT6: 42
236	0015	889	224						BAD TAPE (MEMOREX) NOISE ON RECORDS ABORTED.
24 Aug	0015	890	225	1238	³⁰ 60	4	20	0	FIRST SHOT TPX-2 DT1: 40 DT2: 35 DT3: 38 DT4: 39 DT5: 37 DT6: 43
1983	0047	890	288						LAST SHOT TPX-2 NO SHOTS LOST
	0047	891	289	1222	³⁰ 60	4	20	0	FIRST SHOT TXP-1 DT1: 38 DT2: 39 DT3: 38 DT4: 37 DT5: 36 DT6: 42
	0118	891	349						LAST SHOT TXP-1 1 SHOT LOST
	0118	892	350	1201	³⁰ 60	4	20	0	FIRST SHOT TXP-2 DT1: 40 DT2: 34 DT3: 38 DT4: 36 DT5: 37 DT6: 42
	0119	892	353						5/B #1 A LAUNCH FROM PROSPEKTA ON AUX CH 1 *10 ON AUX CH 2.
	0130	892	364						5/B 1A FAILED AFTER ABOUT 11 SHOTS.
	0149	892	411						LAST SHOT TXP-2 NO SHOTS LOST
	0149	893	412	1180	³⁰ 60	4	20	0	LAST SHOT TXP-1 DT1: 40 DT2: 34 DT3: 34 DT4: 38 DT5: 33 DT6: 42

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R/V CONRAD

AND R/V'S PROSPECTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO. NGT-8

LINE TYPE ~~EST~~ WASP

SOURCE 3000 m³/30 gms

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
236	0146	893							SONOBUOY #1 LAUNCHED FROM PROSPECTA
24 Aug	0158	893	430						TAPE ABORTED EARLY BY MISTAKE *TPX-1
1983	0158	894	431	1175	30	4	20	200	FIRST SHOT TPX-2 DT1 39 DT2 35 DT3 40 DT4 40 DT5 36 DT6 42
	0230	894	492						END 894
	0230	895	493	1154	30	4	20	0	BEGIN 895; First shot lost; DT1: 40 DT2: 35 DT3: 38 DT4: 39 DT5: 37 DT6: 43
	0300	895	553						END 895
	0300:30	896	554	1138	30	4	20	0	BEGIN 896; TPX-2 DT1: 38 DT2: 34 DT3: 38 DT4: 38 DT5: 39 DT6: 42
	0331	896	615						END 896
	0331:30	897	616	1110	30	4	20	0	BEGIN 897; TPX-1 DT1: 40 DT2: 35 DT3: 40 DT4: 38 DT5: 37 DT6: 43
	0401:30	897	676						END 897
	0402:00	898	677	1075	30	4	20	0	BEGIN 898; TPX-2 DT1: 39 DT2: 35 DT3: 38 DT4: 38 DT5: 37 DT6: 44
	0432:30	898	738						END 898
	0433:00	899	739	1036	30	4	20	0	BEGIN 899; TPX-1 DT1: 40 DT2: 35 DT3: 40 DT4: 40 DT5: 38 DT6: 43
	0500								SONOBUOY #2 LAUNCHED FROM PROSPECTA ON AUX CH 1 X10 OIL AUX 2
	0503	899	799						END 899
	0503:30	900	800	1013	30	4	20	0	BEGIN 900; TPX-2 DT1: 40 DT2: 35 DT3: 40 DT4: 38 DT5: 40 DT6: 43
	0534:00	900	861						END 900
	0534:30	901	862	972	30	4	20	0	BEGIN 901; TPX-1; DT1: 40 DT2: 34 DT3: 38 DT4: 39 DT5: 37 DT6: 43
	0604:30	901	932						END 901

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JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
236	0605	902	923	937	30	4	20	0	BEGIN TAPE 902 TPX-2; DT1: 39 DT2: 33 DT3: 39 DT4: 37 DT5: 36 DT6: 41
24 Aug	0636	902	985						END 902
1983	0636:30	903	986	895	30	4	20	0	BEGIN TAPE 903 TPX-1; DT1: 39 DT2: 33 DT3: 37 DT4: 38 DT5: 38 DT6: 41
	0706:30	903	1047		30	4	20	0	END 903
	0707	904	1048	850	30	4	20	0	BEGIN TAPE 904 TPX-2; DT1: 40 DT2: 33 DT3: 38 DT4: 39 DT5: 37 DT6: 42
	0737:30	904	1109						END 904
	0738	905	1110	815	30	4	20	0	BEGIN TAPE 905; TPX-1; DT1: 38 DT2: 33 DT3: 39 DT4: 38 DT5: 37 DT6: 42
	0808	905	1170						END 905
	0808:30	906	1171	780	30	4	20	0	BEGIN TAPE 906; TPX-2; DT1: 40 DT2: 33 DT3: 40 DT4: 38 DT5: 37 DT6: 42
	0839	906	1232						END 906
	0839:30	907	1233	755	30	4	20	0	BEGIN TAPE 907; TPX-1; DT1: 40 DT2: 33 DT3: 38 DT4: 40 DT5: 37 DT6: 43
	0909:30	907	1293						END 907
	0910	908	1294		30	4	20	0	BEGIN TAPE 908; TPX-2; DT1: 41 DT2: 36 DT3: 40 DT4: 40 DT5: 40 DT6: 45
	0940:30	908	1355						END 908
	0941	909	1356	710	30	4	20	0	BEGIN TAPE 909; TPX-1; DT1: 40 DT2: 36 DT3: 38 DT4: 40 DT5: 39 DT6: 44
	01011	909	1416						END 909
	01011	910	1417	690	30	4	20	0	BEGIN TAPE 910; TPX-2; DT1: 40 DT2: 37 DT3: 38 DT4: 38 DT5: 40 DT6: 38
	1042:40	910	1478						END TAPE 910
	1042:40	911	1479	667	30	4	20	0	BEGIN TAPE 911; TPX-1; DT1: 40 DT2: 35 DT3: 38 DT4: 39 DT5: 35 DT6: 42

TAPE MSLABEL
'900" UNTIL
FILE #421

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R/V. CONRADAND R/V'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. 16T-8LINE TYPE WASPSOURCE 3000 IN³/30 GUNSDFS IV 48 CHANNELSFORMAT: SEG BBPI. 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
236 236	1113	911	1539		30	4	20	0	END TAPE 911
24 AUG	1113	912	1540	642	30	4	20	0	BEGIN 912; TPX-2; DT1:40 DT2:35 DT3:40 DT4:38 DT5:37 DT6:42
83	1143:30	912	1600						END 912
	1143:30	913	1601	621	30	4	20	0	BEGIN 913; TPX-1; DT1:40 DT2:35 DT3:40 DT4:39 DT5:38 DT6:42
	1213	913	1661						END 913; BLAST PHONE #3 DEAD ~1205Z EXACT TIME UNKNOWN
	1213	914	1662	602	30	4	20	0	BEGIN 914; TPX-2; DT1:40 DT2:35 DT3:40 DT4:38 DT5:36 DT6:43
	1245	914	1723						END 914
	1245	915	1724	587	30	4	20	0	BEGIN 915; TPX-1; DT1:40 DT2:35 DT3:39 DT4:39 DT5:37 DT6:43
	1315:30	915	1784						END 915
	1315:30	916	1785	572	30	4	20	0	BEGIN 916; TPX-2; DT1:40 DT2:35 DT3:38 DT4:38 DT5:37 DT6:43
	1322	916							SONOBUOY #2 OFF
	1329	916							BLAST PHONE #3 OBSERVED TO BE ON LINE AGAIN
	1342	916							BLAST PHONE #3 DEAD AGAIN
	1346:30	916	1784b						END 916
	1346:30	917	1847	550	30	4	20	0	BEGIN 917; TPX-1; DT1:40 DT2:34 DT3:40 DT4:40 DT5:35 DT6:40
	1400 1415	917 918	1813 1906						START SONOBUOY #3 (MISSED SHOTS 908-911)
	14	918	1907						BEGIN TAPE #918 } BAD TAPE!! SKIP
	1422:30	919	1911	537	30	4	20	0	BEGIN TAPE 919-TPX-1 DT1:40 DT2:34 DT3:39 DT4:35 DT5:39 DT6:40
	1453:00	919	1971						END TAPE 4 "

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R/V CONRADAND R/V'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. NGT-8LINE TYPE WASP (COP) SOURCE ARGON 3000 in³/30 GUNSDFS IV 48 CHANNELSFORMAT: SEGBBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
236	14:53:30	920	972	522	30	4	20	0	BEGIN TAPE 920 DTI/40 3/40 5/37 TPX-2 2/34 4/32 6/41
24	15:22:30	920	034						
AUG	15:23:00	921	035	508	30	4	20	0	BEGIN TAPE 921 DTI/40 3/40 5/38 TPX-1 2/33 4/40 6/41
1983	1525	921	039						SONDBUOY ST #A START
	1553:00	921	095						END TAPE 921
	1553:30	922	096	493	30	4	20	0	BEGIN TAPE 922 DTI/40 3/39 5/39 TPX-2 2/35 4/40 6/41
	1625:00	922	159						END " " "
	1625:30	923	159	472	30	4	20	0	BEGIN TAPE 923 DTI/40 3/40 5/39 TPX-1 2/35 4/39 6/42
	1655:30	923	220						END " " "
	1656:00	924	221	460	30	4	20	0	BEGIN TAPE 924 DTI/40 3/39 5/39 TPX-2 2/33 4/40 6/43
	1727:00	924	281						CHANNEL 26 DEAD 17:30 BACK ON LINE.
	1727:30	925	282	453	30	4	20	0	BEGIN TAPE 925 DTI/40 3/39 5/38 TPX-1 2/34 4/38 6/41
	1730	925							TRACE 26 APPEARS DEAD
	1757:30	925	342						END TAPE 925 TPX-1
	1758:00	926	343	432	30	40	20		BEGIN TAPE 926 DTI/40 3/38 5/39 TPX-1 2/33 4/36 6/42
	1811	926	375						
	1758:30	927	344						BEGIN TAPE 927
	1809	927	375	423					END " " GUNS OFF
	17								

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R/V CONRADAND R/V'S PROSPEKTACRUISE RC24-1AREA NORWEGIAN SEALINE NO. 9LINE TYPE COP
(WASP)SOURCE 3000 IN³/30 GUNS
AIR GUNSDFS IV 48 CHANNELSFORMAT: SEGBBPL 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
236	1931	928	1	426	30	4	20	Ø	START TAPE 927, 1ST SHOT LINE NGT-9 DT/40, 33, 37, 38, 35, 42
24 AUG	2001:30	927	62						END TAPE 927
83	2002	928	63	452	30	4	20	Ø	START TAPE 928 DT/40, 35, 40, 38, 35, 43
	2030	928	119						START SB#5
	2032	928	123						END TAPE 928
	2032:30	929	124	471	30	4	20	Ø	START TAPE 929 DT/40, 33, 39, 37, 35, 44
	2102:30	929	184						END TAPE 929
	2103	930	185	490	30	4	20	Ø	START TAPE 930 DT/39, 35, 40, 38, 36, 43
	2133:30	930	246						END TAPE 930
	2134	931	247	502	30	4	20	Ø	START TAPE 931
	2204	931	307	527	30	4	20	Ø	LAST SHOT TXP-1 NO SHOTS LOST
		932	308						FIRST SHOT TXP-2 DT1:40 DT2:35 DT3:38 DT4:37 DT5:35 DT6:42
	2235	932	369						LAST SHOT TXP-2 NO SHOTS LOST
	2235	933	370	538	30	4	20	Ø	FIRST SHOT TXP-1 DT1:40 DT2:35 DT3:40 DT4:37 DT5:35 DT6:42
	2306	933	430						LAST SHOT TXP-1 NO SHOTS LOST
	2306	934	431	563	30	4	20	Ø	FIRST SHOT TXP-2 DT1:40 DT2:35 DT3:38 DT4:39 DT5:37 DT6:42
	2337	934	492						LAST SHOT TXP-2 NO SHOTS LOST
	2337	935	493	581	30	4	20	Ø	FIRST SHOT TXP-1 DT1:40 DT2:35 DT3:38 DT4:39 DT5:36 DT6:42

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RV CONRADAND RV'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. 9LINE TYPE COPSOURCE 3000 m³/30 guns
Air gunsDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
237	0008	935	554						LAST SHOT TXP-1 NO SHOTS LOST
25 Aug	0008	936	555	602	30	4	20	Ø	FIRST SHOT TXP-2 DT1: 40 DT2: 39 DT3: 38 DT4: 41 DT5: 37 DT6: 42
1983	0028	936	~595						END SONO #5
	0030	936	~599						BEGIN SONO #6A (DIDN'T WORK)
	0039	936	616						LAST SHOT TXP-2 NO SHOTS LOST
	0039	936	617	625	30	4	20	Ø	FIRST SHOT TXP-1 DT1: 40 DT2: 39 DT3: 38 DT4: 38 DT5: 35 DT6: 43
	0100	936	~659		30				BEGIN SONO #6B (DIDN'T WORK)
	0109	936	677						LAST SHOT TXP-1 NO SHOTS LOST
	0109	938	678	672	30	4	20	Ø	FIRST SHOT TXP-2 DT1: 39 DT2: 34 DT3: 40 DT4: 40 DT5: 35 DT6: 41
	0131	938	721						LAUNCH SONO #6
	0140	938	739						LAST SHOT TXP-2 NO SHOTS LOST
	0140	939	740	684	30	4	20	Ø	FIRST SHOT TXP-1 DT1: 39 DT2: 35 DT3: 40 DT4: 39 DT5: 37 DT6: 43
	0211	939	801						LAST SHOT ON 939
	0211:30	940	802	690	30	4	20	Ø	First shot on 940; TXP-2; DT1: 40 DT2: 35 DT3: 38 DT4: 39 DT5: 39 DT6: 45
	0242	940	863						END 940
	0242:30	941	864	700	30	4	20	Ø	First shot on 941; TXP-1; DT/ 40, 34, 39, 40, 37, 43
	0313	941	924						END 941
	0313	942	925	710	30	4	20	Ø	BEGIN 942 on TXP-2; DT/ 40, 35, 40, 38, 39, 44
	0325	942	949						END of LINE NOT 9

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RV CONRADAND R/V'S PROSPEKTADFS IV 48 CHANNELSCRUISE RC 24-11AREA NORWEGIAN-SEAFORMAT: SEG-2LINE NO NGT-10 (ESPG) LINE TYPE ESPSOURCE AIRGUN ~ 2270 in³BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
2372	0448	943	001						BEGIN LINE NGT 10 // RESET TAPE AND FILE COUNTER
25 AUG									BECAUSE OF SYSTEM DOWN
1983	0457	943	001	740	60	4	39	0	1. SHOT ON 943; TPX-1; 1 BAD TAPE OR
		943	4						TAPE TRANSPORT (TPX-1) FAILED; 8 SHOTS MISSED
	0509	944	6	705	60	4	39	0	BEGIN 944; AGAIN ON TPX-1; WD: (1-6) 39, 37, 42, 39, 38, 43
	0542	944	38						END TAPE 944
	0542	945	39	737	60	4	39	0	BEGIN 945 ON TPX-2; WD (1-6): 37, 34, 38, 38, 38, 43
	0543	945	40					5	DELAY TO 5.0 SEC
	0614	945	71						END TAPE 945
	0615	946	72	710	60	4	39	5	BEGIN TAPE 946; TPX-1; DT1: 39 DT2: 33 DT3: 39 DT4: 39 DT5: 38 DT6: 41
	0647	946	104						END 946
	0648	947	105	755	60	4	39	5	BEGIN 947; TPX-2; DT1: 37 DT2: 34 DT3: 38 DT4: 38 DT5: 37 DT6: 42
	0720	947	137						END 947
	0721	948	138	756	60	4	39	5	BEGIN 948; TPX-1; DT1: 40 DT2: 32 DT3: 38 DT4: 37 DT5: 36 DT6: 41
	0753	948	170						END 948
	0754	949	171	764	60	4	39	5	BEGIN 949; TPX-2; DT1: 40 DT2: 34 DT3: 36 DT4: 38 DT5: 36 DT6: 44
	0826	949	203						END 949
	0827	950	204	760	60	4	39	5	BEGIN 950; TPX-1; DT1: 40 DT2: 35 DT3: 39 DT4: 37 DT5: 37 DT6: 44
	0859	950	236						END 950 . END of Line NGT-10

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R/V CONRADAND R/V'S PROSPEKTACRUISE 24-11AREA NOKWEGIAN SEALINE NO NAT-11
(ESP6A)LINE TYPE ESPSOURCE 3000 in³/300msDFS IV 48 CHANNELSFORMAT: SEG BBPI. 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
237	1103	951	001	758	60	4	39	10	BEGIN NAT-11, 951 DT1:38 DT2:35 DT3:39 FIRST SHOT TPX 2 DT4:39 DT5:37 DT6:37
25	1126:50	951	034						RESYNCHRONIZED W/PROSPEKTA @ #24 → #34
AUG	1127:40	951	035						2 SHOT #35'S - RESYNCHRONIZATION
1983	1135	951	042						END TAPE 951
	1135:40	952	043	755	60	4	39	10	BEGIN TAPE 952, TPX-1; DT1:37 DT2:35 DT3:40 DT4:39 DT5:36 DT6:42
	1158:50	952	061					8	C/DELAY TO 8 SEC
	1208:40	952	075						END TAPE 952
	1208:50	953	076	762	60	4	39	8	BEGIN TAPE 953, TPX-2; DT1:38 DT2:35 DT3:39 DT4:39 DT5:38 DT6:38
	1211:	953	79						AFT LAB CLOCK RESYNCHRONIZED W/DRY LAB CLOCK 00 → 140
	1225	953	92					5	C/DELAY → 5 SEC
	1241:50	953	108						END TAPE 953
	1242	954	109	754	60	4	39	5	BEGIN TAPE 954, TPX-1; DT1:39 DT2:35 DT3:38 DT4:36 DT5:35 DT6:40
	1300	954	127					0	C/DELAY → 0 SEC
	1314:40	954	141						END TAPE 954
	1314:50	955	142	744	60	4	39	0	BEGIN TAPE 955, TPX-2; DT1:37 DT2:35 DT3:40 DT4:38 DT5:38 DT6:42
	1347	955	174						END TAPE 955
	1348	956	175	696	60	4	39	0	BEGIN TAPE 956, TPX-1; DT1:36 DT2:34 DT3:40 DT4:37 DT5:37 DT6:42
	1420	956	207						END TAPE 956
	1421	957	208	720	60	4	39	0	BEGIN TAPE 957, TPX-2 DT1:35 DT2:35 DT3:41 DT4:36 DT5:38 DT6:40

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R/V CONRAD

AND R/U'S PROSPEKTA

CRUISE RC 24-11

AREA NORWEGIAN SEA

LINE NO NGT-11
(ESPØGA)

LINE TYPE ESD

SOURCE 3000 in³ / 30 guns Pros

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600[illegible]

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R/V CONRADAND R/V'S PROSPEKTACRUISE RL 24-11AREA NORWEGIAN SEA 2227LINE NO NGT 12LINE TYPE COPSOURCE 3000 in³ / 30 guns Prospekta
3000 in³ / 4 guns ConradDFS IV 48 CHANNELSFORMAT: SEG 13BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
237	1643:30	959	801	735	60	4	20	0	BEGIN NGT 12 BEGIN TAPE 959, TPX-2 CONRAD GUN 4 OFF LINE → 1920 in ³ source DT1: 38 DT2: 36 DT3: 40 DT4: 40 DT5: 38 DT6: 41
25	1706								
AUG 83	1714:00	959	56						END TAPE 959
	1714:30	960	57	742	60	4	20	0	BEGIN TAPE 960, TPX-1 DT1: 37 DT2: 36 DT3: 40 DT4: 38 DT5: 38 DT6: 41
	1745:30	960	117						END TAPE 960 GUN 4 ON LINE 1745
	1746:00	961	118	750	60	4	20	0	BEGIN TAPE 961, TPX-2 DT1: 37 DT2: 35 DT3: 40 DT4: 40 DT5: 37 DT6: 41
	1800	961							START SB# 7A
	1816:30	961	179						END TAPE 961
	1817	962	180	753					START TAPE 962 TPX-1 DT/37,35,40,37,37,40
	1825	962							SB# 7A ABORTED NEW SB 7A IN WATER
	1847	962	240						END TAPE 962
	1847:30	963	241	757					START TAPE 963 DT/37,33,40,40,37,40 TPX-2
	1908	963	302						END TAPE 963
	1918:30	964	303	745					START TAPE 964 DT/37,35,40,37,36,40 TPX-1
	1948:30	964	363						END TAPE 964
	1949	965	364	749					START TAPE 965 DT/37,35,39,40,38,41 TPX-2
	2019:30	965	425						END TAPE 965 DT/37,34,38,37,36,40
	2020	966	426	695					START TAPE 966 TPX-1
	2050	966	486						END TAPE 966

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R/V CONRAD
CRUISE RC 24-11
LINE NO NGT-12

AND R/V'S PROSPEKTA
AREA NORWEGIAN SEA
LINE TYPE COP SOURCE

3000 m ³ /30 guns	Prospecta
3000 m ³ /4 guns	Canad

DFS IV 48 CHANNELS
FORMAT: SEGB
BPI 1600

[illegible]

RECORDING LOG

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO. NGT-12

LINE TYPE COP

SOURCE 2227 in³/30 guns Prospekta
3000 in³/4 guns Conrad

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
238	0057	974	981						LAST SHOT TXP-1 NO SHOTS LOST
25	0057	975	982	560	30	4	20	✓	FIRST SHOT TXP-2 DT1: 37 DT2: 35 DT3: 39 DT4: 39 DT5: 38 DT6: 41
Aug	0127	975	1044						LAST SHOT TXP-2 NO SHOTS MISSED
83	0127	976	1045	526	30	4	20	✓	FIRST SHOT TXP-1 DT1: 35 DT2: 34 DT3: 39 DT4: 38 DT5: 38 DT6: 40
	0158	976	1105						LAST SHOT TXP-1 NO SHOTS LOST
	0158	977	1106	462	30	4	20	✓	FIRST SHOT TXP-2 DT1: 36 DT2: 35 DT3: 40 DT4: 40 DT5: 40 DT6: 41
	0229:30	977	1168						LAST SHOT TXP-2
	0230:00	978	1169	438	30	4	20	✓	FIRST SHOT TXP-1 DT1: 37 DT2: 35 DT3: 41 DT4: 40 DT5: 38 DT6: 41
	0230	978							Sonoboy #8 - LAUNCHED
	0300	978	1224						LAST SHOT TXP-1
	0300:30	979	1230	387	30	4	20	✓	BEGIN 979 on TXP-2 DT1: 36 DT2: 36 DT3: 41 DT4: 38 DT5: 35 DT6: 42
	0331	979	1291						END 979
	0331:30	980	1292	332	30	4	20	✓	BEGIN 980 on TXP-1 DT1: 39 DT2: 37 DT3: 42 DT4: 39 DT5: 40 DT6: 42
	0402	980	1353						END 980 NO SHOTS LOST
	0402:30	981	1354	310	30	4	20	✓	BEGIN 981 on TXP-2 DT1: 38 DT2: 38 DT3: 41 DT4: 39 DT5: 41 DT6: 43
	0413	981	??						Tape runs backwards for several records; these are lost!!
	0413:30	982	1369	260	30	4	20	✓	BEGIN 982 on TXP-2; DT(1-6): 38, 38, 42, 39, 37, 42
	0440								GUN #4 AGAIN WORKING; BLASTPHONE #1 AND #3 DEFECT?
	0444	982	1429						END 982 NO SHOTS LOST GUN #1 O/C

RECORDING LOG

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RV CONRADAND R/V'S PROSPERITACRUISE RC24-11AREA NORWEGIAN SEALINE NO. NGT-12LINE TYPE COPSOURCE 2227 m³ / 30 guns PROSPERITA
3500 m³ 14 guns CONRADDFS IV 48 CHANNELSFORMAT SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
									A third seismic ship is working in the area
238 z	0444	983	1430	186	30	4	20	0	BEGIN 983 on TPX-2; DT(1-6): 38, 35, 40, 40, 38, 42
26. Feb	0514:30	983	1491						END 983; NO SKOTS LOST
1983	0515:00	984	1492	180 200	30	4	20	0	BEGIN 984 on TPX-1; WD(1-6): 38, 36, 41, 40, 38, 42
	0525								SONO # 9 OFF
	0545	984	1552						END 984
	0545:30	985	1553	178	30	4	20	0	BEGIN 985 on TPX-2; WD(1-6): 37, 35, 41, 39, 40, 40
	0616	985	1614						END 985
	0616:30	986	1615	164	30	4	20	0	BEGIN 986; TPX-1; DT(1-6): 40, 40, 42, 40, 39, 42
	0646:30	986	1675						END 986
	0647	987	1676	170	30	4	20	0	BEGIN 987; TPX-2; DT(1-6): 37, 35, 41, 40, 40, 42
	0717:30	987	1737						END 987
	0718	988	1738	169	30	4	20	0	BEGIN 988; TPX-1; DT(1-6): 36, 35, 41, 40, 40, 42
	0734	988	1770						END SONOBODY # 10
	0740	988	1782						BEGIN SONOBODY # 11
	0748	988	1798	158					END 988
	0748:30	989	1799		30	4	20	0	BEGIN 989, TPX-2; DT(1-6): 39, 35, 40, 37, 39, 40
	0818:30	989	1859						END 989
	0819	990	1860	158	30	4	20	0	BEGIN 990; TPX-1; DT(1-6): 39, 35, 40, 38, 37, 43
	0837	990							SONOBODY # 11

TAPE WAS LABELED 980 UNTIL SHIP 1868

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R/V CONRAD

AND R/U'S PROSPEKTA

CRUISE 24-11

AREA NORWEGIAN SEA

LINE NO NAT-12

LINE TYPE COP

SOURCE 2227 in³ / 30 Guns PRODEKITA
3000 in³ / 30 Guns CORVED

DFS IV 42 CHANNELS

FORMAT: SE6 IS

BPT 1600[illegible]

RECORDING LOG

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RV CONRADAND R/V'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. NGT-13LINE TYPE ESP-7SOURCE 3000 IN³/30 GUNSDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
238	1200	996	001	149	60	4	39	0	BEGIN 996, TPX-1; DT(1-6) 39, 35, 40, 40, 37, 40
26 AUG	1232	996	33						END 996
1983	1233	997	34	140	60	4	39	0	BEGIN 997, TPX-2; DT(1-6) 37, 35, 40, 38, 37, 42
	1306	997	66						END 997
	1306	998	67	136	60	4	39	5	BEGIN 998, TPX-1, C/DELAY → 5 SEC, DT(1-6) 38, 35, 40, 40, 38, 43
	1338	998	98						END 998
	1338	999	99	162	60	4	39	5	BEGIN 999, TPX-2, DT(1-6) 39, 35, 40, 38, 38, 41
	1410	999	131						END 999
	1411	1000	132	155	60	4	39	5	BEGIN 1000 TPX-1 DT(1-6) 39, 35, 40, 39, 38, 41
	1446	1000	163						END 1000 (MISSED 3 SHOTS, BAD TAPE, SWITCH TO TPX-1)
	1449	1001	166	168	60	4	39	5	BEGIN 1001 TPX-1 DT(1-6) 38, 35, 40, 39, 39, 40
	1454	1001							CHANGE DELAY → 8 SEC
	1521	1001	197						END 1001 TPX-1
	1522	1002	198	215	60	4	39	8	START 1002 TPX-2 DT1: 37 DT2: 35 DT3: 40 DT4: 40 DT5: 40 DT6: 41
	1529	1002							CHANGE DELAY → 10 SEC
	1553	1002	230						END 1002
	1554	1003	231	207	60	4	39	10	BEGIN 1003 DT1: 40 2/36 3/40 4/39 5/38 6/41 TPX-1
	1625	1003	262						END 1003
	1626	1004	263	209	60	4	39	10	BEGIN 1004 DT1: 40 2/36 3/40 4/39 5/37 6/43 TPX-2

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO. NGT-13/14

LINE TYPE ESP

SOURCE 3000 IN³/30 AIRGUNS

DFS IV 48 CHANNELS

FORMAT: SEG B

BFI 1600

[illegible]

RECORDING LOG

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R/V 24 CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-14
ESP 7A

LINE TYPE ESP

SOURCE AIRGUNS 3000 m³/30

DFS IV 48 CHANNELS

FORMAT: SEGB

BPI 16a[illegible]

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R/U CONRAD

AND R/U'S PROSPEISTA

CRUISE RC24-11

AREA NO

LINE NO. N6T-14

LINE TYPE ESP 7A

SOURCE

DFS IV 48 CHANNELS

FORMAT: SEGB

BPI 1600[illegible]

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RV CONRADAND RV'S PROSPEKTACRUISE 24-11AREA NORWEGIAN SEALINE NO 1VGT-15LINE TYPE COPSOURCE CONRAD TAG @ 3000m TOTAL 1500psi
PROSPEKTA AIR GUN ARRAYDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
239	0341:30	1015	001	158	30	4	20	0	START TAPE 1015; 1. SHOT PROSPEKTA = 0343:00
8	0411:30	1015	061						END TAPE 1015 WD(1-6): 38, 35, 38, 38, 37, 42
27	0412:00	1016	062	150	30	4	20	0	START TAPE 1016 on TPX-2; WD(1-6): 38, 34, 37, 38, 37, 42
83	0442:30	1016	123						END TAPE 1016
	0443:00	1017	124	147	30	4	20	0	START 1017 on TPX-1; WD(1-6): 37, 34, 38, 38, 37, 42
	0513	1017	184						END TAPE 1017
	0513:30	1018	185	125	30	4	20	0	START 1018 on TPX-2; WD(1-6): 37, 33, 38, 38, 36, 42
	0544:00	1018	246						END 1018
	0544:30	1019	247	145	30	4	20	0	START 1019 on TPX-1; WD(1-6): 35, 33, 37, 37, 36, 42
	0600	1019							SONO # 12 LAUNCHED
	0614:30	1019	307		30	4	20	0	END 1019
	0615	1020	308	145	30	4	20	0	START 1020; TPX: 2 DT(1-6): 35, 30, 35, 36, 38, 42
	0632	1020							Lost system crash, (Conrad) Gun out for 2 shots. (~343-345)
	0649:30	1020	368						END 1020
	0650	1021	369	153	30	4	20	0	START 1021; TPX-1; DT(1-6): 21, 10, 5, 25, 30, 40
	0700	1021	389						END SONO BOUY # 12
	0720	1021	429						END 1021
	0720:30	1022	430	180	30	4	20	0	START 1022; TPX-2; DT(1-6): 32, 25, 30, 43, 40, 50
	0750	1022	489						END 1022

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R/V CONRAD

AND R/V'S PROSPERTA

CRUISE 24-11

AREA NORWEGIAN SEA

LINE NO NGT-15

LINE TYPE COP

CONRAD 4 R/G @ 3000 in³
SOURCE PROSPEKTA AIRGUN ARRAY 2223 in³

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600[illegible]

RECORDING LOG

PAGE NO. (31)RAV CONRADAND RAV'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. N6T-15ALINE TYPE COPSOURCE 2227 in³/30 Guns Prospekta
3000 in³/4 Guns ConradDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
243	0516	1027	001	158	30	4	20	0	FIRST SHOT TPX1 DT1 40 DT3 42 DT5 43 DT2 32 DT4 42 DT6 50
31	0520	1027	009		30	4	20	0	FIRST SHOT WITH PROSPEKTA
AUG	0546	1027	061						END 1027 NO SHOT LOST
83	0546:30	1028	062	149	30	4	20	0	FIRST SHOT TPX2; DT1 40 DT3 44 == DT5 45 DT2 33 DT4 43 DT6 49
	0616	1028	121						END 1028
	0616:30	1029	122	160	30	4	20	0	START 1029; TPX-1; DT(1-6) 40, 33, 42, 42, 42, 50
	0647	1029	183						END 1029
	0647:30	1030	184	173	30	4	20	0	START 1030; TPX-2; DT(1-6) 43, 34, 42, 41, 44, 50
	0700	1030	185						SOUND BOWL #13, PROFILE STARTED
	0718:30	1030	246						END 1030
	0719	1031	247	189	30	4	20	0	START 1031; TPX-1; DT(1-6) 42, 32, 42, 41, 44, 50
	0749	1031	307						END 1031
	0749:30	1032	308	199	30	4	20	0	START 1032; TPX-2; DT(1-6) 40, 35, 44, 43, 43, 50
	0820	1032	369						END 1032
	0820:30	1033	370	211	30	4	20	0	START 1033; TPX-1; DT(1-6) 42, 35, 43, 43, 45, 52
	0850:30	1033	430						END 1033
	0851	1034	431	214	30	4	20	0	START 1034; TPX-2; DT(1-6) 41, 35, 42, 42, 44, 50
	0922	1034	493						END 1034
	0922:30	1035	494	219	30	4	20	0	START 1035; TPX-1; DT(1-6) 43, 36, 45, 43, 45, 52

RECORDING LOG

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R/V CONRADAND R/V'S PROSPEKTACRUISE RC24-11AREA NOKWEGIAN SEALINE NO. NGT-15ALINE TYPE EOPSOURCE 2227 m³/30 GUNS Prospekta
3000 m³/4 GUNS ConradDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
243	0951:20	1035	554						END 1035
31	0953	1036	555	199	30	4	20	0	START 1036; TPX-2; DT(1-6) 40, 36, 45, 43, 45, 49
AUG	1005	1036	571						END SONO. #13
1983	1015	1036	599		30	4	20	0	BEGIN SONO #14
	1023	1036	615						LAST SHOT TXP-2 NO SHOTS LOST
	1023	1037	616	208	30	4	20	0	FIRST SHOT TXP-1 DT1:40 DT2:39 DT3:44 DT4:42 DT5:44 DT6:50
	1053	1037	675						LAST SHOT TXP-1
	1053	1038	676	206	30	4	20	0	FIRST SHOT TXP-2 DT1:41 DT2:38 DT3:45 DT4:45 DT5:46 DT6:49
	1124	1038	736						LAST SHOT TXP-2
	1124	1039	737	220	30	4	20	0	FIRST SHOT TXP-1 DT1:40 DT2:35 DT3:44 DT4:44 DT5:46 DT6:57
	1154	1039	796						LAST SHOT TXP-1
	1154	1040	797	213	30	4	20	0	FIRST SHOT TXP-2 DT1:41 DT2:35 DT3:44 DT4:43 DT5:44 DT6:48
	1224	1040	856						LAST SHOT TXP-2
	1224	1041	857	203	30	4	20	0	FIRST SHOT TXP-1 DT1:40 DT2:36 DT3:45 DT4:45 DT5:45 DT6:51
	1248	1041	904						* DAMAGED * TAPE GETTING LOST ONE SHOT BENT
	1248	1042	905	200	30	4	20	0	FIRST SHOT TXP-2 DT1:42 DT2:35 DT3:44 DT4:44 DT5:46 DT6:52
	1315	1042	958						SONO #14 OFF
	1319	1042	966						LAST SHOT TXP-2
	1319	1043	967	187	30	4	20	0	FIRST SHOT TXP-1 DT1:42 DT2:35 DT3:44 DT4:44 DT5:45 DT6:50

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R/U CONRAD

AND R/U'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO. NGT-15A

LINE TYPE CCP

SOURCE $\frac{2227 \text{ in}^3}{30 \text{ guns (PROSPEKTA)}}$
 $\frac{3000 \text{ in}^3}{4 \text{ guns (CONRAD)}}$

DFS IV 90 CHANNELS

FORMAT: SEG B

BRI 1600

[illegible]

RECORDING LOG

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R/U CONRAD

AND R/U' S. PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-15B

LINE TYPE CoP

SEA 2227 in / 30 guns [Prospecta]
SOURCE 3000 in / 4 guns [control]

DFS IV 48 CHANNELS

FORMAT: SEGB

BRI 1600

[illegible]

RECORDING LOG

PAGE NO. 35RV CONRADAND RV'S PROSPEKTACRUISE RC 2411AREA NORWEGIAN SEALINE NO. NOT-16LINE TYPE ESP 8 SOURCE _____DFS IV 48 CHANNELSFORMAT: SEGBBPI 11000

	JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
243	31	2116	1050	2	178	60	4	39	0	STARTLINE 16 ESP8 TAPE 1050 TPX 2 DT/45, 35, 45, 43, 43, 50
	AUG	2148	1050	34						END TAPE 1050
		2149	1051	35	184	60	4	39	0	START TAPE 1051 TPX 1 DT/ 44, 35, 42, 44, 45, 53
		2221:40	1051	87						END 1051
		2222	1052	68	185	60	4	39	0	START TAPE 1052 TPX-2 DT(1-6): 45, 35, 43, 45, 46, 54
		2246	1052	93					5	C/DELAY → 5 SECONDS (DELAY CHANGED AT 2246, FILE 92 BUT NOT NOTED TILL 2247, FILE 93)
		2254:40	1052	100						END 1052
		2255	1053	101	190	60	4	39	5	BEGIN 1053, TPX-1, DT(1-6) 45, 35, 42, 42, 44, 54
		2327:50	1053	133						END 1053
		2328	1054	134	197	60	4	39	5	BEGIN 1054, TPX-2, DT(1-6) 45, 35, 43, 45, 45, 55
244		0000:50	1054	166						END 1054
1 SEPT		0001	1055	167	189	60	4	39	5	BEGIN 1055, TPX-1, DT(1-6) 42, 35, 45, 45, 44, 48
83		0006	1055	173					8	C/DELAY → 8 SEC. (CHANGED NOTED FILE #173; CHANGE & FILE #172)
		0029	1055	196					10	C/DELAY → 10 SEC (CHANGE NOTED FILE #196; CHANGE & FILE #195)
		0034	1055	199						END 1055
		0034	1056	200	199	60	4	39	10	BEGIN 1056, TPX-2, DT(1-6) - 42, 35, 45, 44, 45, 53
		0107	1056	232						END 1056
		0107	1057	233	203	60	4	39	10	BEGIN 1057; TPX-1, DT(1-6) 43, 37, 45, 44, 46, 53
		0128	1057							MIDDLE OF CONRAD STREAMER AT END POINT OF LINE

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R/V CONRAD

AND R/U'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-16

LINE TYPE ESP8 SOURCE _____

DFS IV 4 CHANNELS

FORMAT: SEG B

BPI 1600[illegible]

RECORDING LOG

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RAV CONRADAND RAV'S PROSPERITACRUISE RC 24-11AREA NORWEGIAN SEALINE NO. NGT-17LINE TYPE ESPSOURCE 2227 in² / 30 gamsDFS IV 48 CHANNELSFORMAT: SEG 8BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
244	0315	1059	001	204	60	4	39	10	1. SHOT ON TPK-1; WD(1-6): 42, 36, 45, 45, 47, 55
1.		1059	033						END OF 1059
SEPT	0348	1060	034	203	60	4	39	10	START ON TPK-2; WD(1-6): 42, 35, 45, 45, 47, 53
1983	0408	1060	054					8	Change DELAY TO 8 sec
	0411	1060	066						END OF 1060
	0421	1061	067	190	60	4	39	8	START ON TPK-1; WD(1-6): 40, 35, 44, 44, 43, 52
	0436	1061	82					5	Change DELAY TO 5 sec
	0454	1061	99						END OF 1061
	0454	1062	100	198	60	4	39	5	START ON TPK-2; WD(1-6): 40, 35, 44, 43, 46, 51
	0527	1062	132						END OF 1062
	0527	1063	133	196	60	4	39	5	START ON TPK-1; WD(1-6): 41, 35, 43, 44, 46, 52
	0541	1063	147					0	CH. DELAY TO 0 SEC
	0600	1063	165						END OF 1063
	0600	1064	166	187	60	4	39	0	START ON TPK-2; WD(1-6): 42, 35, 44, 44, 46, 53
	0632	1064	198						END 1064
	0633	1065	199	183	60	4	39	0	START 1065; TPK-1; PT(1-6) 40, 35, 45, 45, 46, 52
	0705	1065	231						END 1065
	0706	1066	232	180	60	4	39	0	START 1066; TPK-2; PT(1-6) 41, 35, 44, 44, 46, 50
	0730	1066	256	183					LAST SHOT Line NGT-17, TAPE 1066

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RAV CONRAD

AND RAV'S PROSPEKTA

CRUISE RE24-11

AREA NORWEGIAN SEA

LINE NO NAT-18

LINE TYPE COP

SOURCE 2227 m³/30 Guns - Prospekta
3000 m³/40 Guns - Conrad

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
244	0810	1067	001		30	4	20	0	START LINE NAT-18, TAPE 1067; TPX-1; DT(1-6) 42, 31, 45, 45, 47, 54
1.	0812 ³⁰	1067	006	180					CONRAD start shooting
SEPT	0828 ⁰⁰		032						STOP TAPE 1067. Not recording.
1983	0830 ³⁰	1068	034	182	30	4	20	0	START 1068, Lost 5 shots; TPX-2; DT(1-6) 44, 35, 44, 44, 46, 55
	0901	1068	094						END 1068
	0901:30	1069	095	192	30	4	20	0	START 1069; TPX-1; DT(1-6) 45, 36, 44, 45, 46, 57
	0930	1069	152						START S.B. #15C
	0931:30	1069	155						END 1069
	0932	1070	156	237	30	4	20	0	START 1070; TPX-2; DT(1-6) 45, 36, 44, 45, 46, 55
	0937	1070	166						S.B. #15C ENDED FAILED - CAUGHT ON PROSPECT STREAMER
	1000	1070	200						S.B. #15 LAUNCHED
	1007	1070	206						LAST SHOT TPX-2
	1010	1071	247	263	30	4	20	0	FIRST SHOT TPX-1 DT1: 45 DT2: 35 DT3: 45 DT4: 45 DT5: 46 DT6: 56
	1032	1071	278						LAST SHOT TPX-1
	1032	1072	279	283	30	4	20	0	FIRST SHOT TPX-2 DT1: 45 DT2: 36 DT3: 44 DT4: 44 DT5: 46 DT6: 56
	1104	1072	340						LAST SHOT TPX-2
	1104	1073	341	295	30	4	20	0	FIRST SHOT TPX-1 DT1: 44 DT2: 36 DT3: 45 DT4: 45 DT5: 47 DT6: 55
	1135	1073	402						LAST SHOT TPX-1
	1135	1074	403	316	30	4	20	0	FIRST SHOT TPX-2 DT1: 44 DT2: 36 DT3: 44 DT4: 44 DT5: 46 DT6: 52

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-18

LINE TYPE COP

SOURCE 2227 in 3/36 guns - Prospekta
3000 in 7/4 guns - Conrad

DFS IV 48 CHANNELS

FORMAT: SEGB

BFI 1600

[illegible]

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-19

LINE TYPE ESP 9

SOURCE ALGON 3000 m²/30 gms

DFS IV 48 CHANNELS

FORMAT: SEG-B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
(244)	1551	1080	1	518	60	4	39	0	BEGIN TAPE#1080 TPX-2 DT/44 3/43 5/46 2/35 4/44 6/54
1 SEPT	1623	1080	33						END TAPE#1080 MISSED ONE S407 1624
83	1625	1081	34	514	60	4	39	0	BEGIN TAPE#1081 TPX-1 DT/44 3/45 5/47 2/36 4/46 6/56
	1657	1081	66						END " " "
	1658	1082	67	510	60	4	39	0	BEGIN TAPE#1082 TPX-2 DT/43 DT3/45 5/48 DT4/35 4/45 6/55
	1709	1082	78		60	4	39	5	CHANGE DELAY → 5.0 sec
	1730	1082	99						END TAPE 1082
	1731	1083	100	517	60	4	39	5	BEGIN TAPE#1083 TPX-1 DT/44 3/44 5/46 2/35 4/45 6/53
	1803	1083	132						END TAPE 1083
	1804	1084	133	519				5	START TAPE 1084 TPX 2 DT/45, 35, 45, 44, 45, 54
	1823	1084						8	C/DELAY → 8 sec
	1836	1084	165						END TAPE 1084
	1837	1085	166	526				8	START TAPE 1085 TPX1 DT/45, 35, 43, 44, 45, 55
	1900	1085						10	C/DELAY → 10 sec
	1909	1085	198						END TAPE 1085
	1910	1086	199	523				10	START TAPE 1086 TPX2 DT/47, 35, 43, 45, 45, 55
	1942	1086	231						END TAPE 1086
	1943	1087	232	507				10	START TAPE 1087 TPX1 DT/44, 35, 45, 45, 46, 52
	2009	1087	258						END TAPE 1087 LINE 19 ESP 9A

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RV CONRAD

AND RV'S PROSPEKTA

CRUISE RC2411

AREA NORWEGIAN SEA

LINE NO. NGT-20

LINE TYPE ESP 9A SOURCE AIRGUNS

DFS IV 48 CHANNELS

FORMAT: SEGB

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
244 1 SEPT	2140	1088	1	510	60	4	39	10	START LIVE 20 TAPE 1088 TPX 2 DT/41, 35, 45, 45, 46, 51
1983	2213	1088	33						END 1088
	2213	1089	34	524	60	4	39	10	BEGIN 1089, TPX-1 DT(1-6) 43, 37, 45, 45, 47, 52
	2230	1089	51					8	C/DELAY → 8 SEC. (NOTED ON FILE #53)
	2246	1089	66						END 1089
	2246	1090	67	526	60	4	39	8	BEGIN 1090, TPX-2, DT(1-6) 43, 35, 45, 45, 46, 54
	2302	1090	83					5	C/DELAY → 5 SEC
	2319	1090	99						END 1090
	2319	1091	100	519	60	4	39	5	BEGIN 1091, TPX-1, DT(1-6) 43, 35, 45, 45, 47, 54
	2352	1091	132						END 1091
	2352	1092	133	519	60	4	39	5	BEGIN 1092, TPX-2, DT(1-6) 43, 35, 45, 45, 45, 52
245 2 SEPT	0025	1092	165						END 1092
1983	0025	1093	166	515	60	4	39	5	BEGIN 1093, TPX-1 DT(1-6) 42, 36, 45, 45, 46, 53
	0042	1093	183					0	C/DELAY → 0 SEC (NOTED ON FILE #186)
	0058	1093	198						END 1093
	0058	1094	199	511	60	4	39	0	BEGIN 1094, TPX-2, DT(1-6) 42, 35, 45, 45, 47, 53
	0131	1094	231						END 1094
	0131	1095	232		60	4	39	0	BEGIN 1095, TPX-1, DT(1-6) 43, 36, 45, 45, 46, 53
	0158	1095	257		60	4	39	0	END 1095 TAPE DRIVE STOPPED RECORDING APPROX 3 2

END OF NET.

RECORDING LOG

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R/V CONRADAND R/V'S PROSPEKTACRUISE RL 24-1AREA NORWEGIAN SEALINE NO. NGT-21LINE TYPE COPSOURCE AIRGUNSPROSPEKTA 4227 m³
CONRAD 3000 m³DFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
249	0313	1096	001	577	30	4	20	0	BEGIN TAPE 1096 DELETED MISSED 5-10 SHOTS ON BEGIN NGT-21 TPX-1 START-UP.
02									WD (1-6): 37, 28, 47, 47, 47, 52
83	0343	1096	61						END OF 1096
	0343:30	1097	62	560	30	4	20	0	START ON TPX-2: WD (1-6): 44, 37, 46, 47, 48, 55
	0414	1097	123						END OF 1097
	0414:30	1098	124	593	30	4	20	0	START ON TPX-1: WD (1-6): 45, 38, 47, 47, 47, 55
	0445	1098	185						END OF 1098
	0445:30	1099	186	625	30	4	20	0	START ON TPX-2: WD (1-6): 44, 36, 45, 45, 48, 54
	0516	1099	247						END OF 1099
	0516:30	1100	248	653	30	4	20	0	START ON TPX-1: WD (1-6): 45, 37, 45, 46, 47, 56
	0530		275						SOBO #16 Launched
	0547	1100	309						END OF 1100
	0547:30	1101	310	676	30	4	20	0	START ON TPX-2 WD (1-6): 44, 37, 45, 45, 47, 53
	0618	1101	371						END 1101
	0618:30	1102	372	699	30	4	20	0	START 1102; TPX-1; DT (1-6) 44, 36, 45, 46, 48, 54
	0648:30	1102	432						END 1102
	0649	1103	433	712	30	4	20	0	START 1103; TPX-2; DT (1-6) 45, 38, 46, 46, 47, 54
	0719:30	1103	494						END 1103
	0720	1104	495	717	30	4	20	0	START 1104; TPX-1; DT (1-6) 45, 37, 46, 46, 47, 55

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R/V COWRADAND R/V'S PROSPEKTACRUISE RC 24-11AREA NORWEGIAN SEALINE NO. NGT-21LINE TYPE EOPSOURCE 2227 m³ / 30 Gums Prospekta
3000 m³ / 14 Gums CowradDFS IV 48 CHANNELSFORMAT: SEG BBPT. 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
245	0750	1104	555		30	4	20	0	END 1104
02.	0750:30	1105	556	717	30	4	20	0	START 1105; TPX-2; DT(1-6) 45, 36, 45, 45, 48, 55
SEPT	0821	1105	617						END 1105
83	0821:30	1106	618	693	30	4	20	0	START 1106; TPX-1; DT(1-6) 45, 37, 45, 45, 48, 54
	0833	1106	641						S.B. # 16 ENDED
	0851:30	1106	678						END 1106
	0852	1107	679	701	30	4	20	0	START 1107; TPX-2; DT(1-6) 45, 37, 45, 45, 47, 55
	0900	1107	695						S.B. # 17 in water
	0922:30	1107	740						END 1107
	0923	1108	741	760	30	4	20	0	START 1108; TPX-1; DT(1-6) 46, 39, 47, 47, 50, 55
	0953	1108	801						END 1108
	0953	1109	802	800	30	4	20	✓	START 1109 TPX-2 DT(1-6) 45, 39, 48, 49, 50, 50
	1024	1109	862						LAST SHOT TPX-2
	1024	1110	863	790	30	4	20	✓	FIRST SHOT TPX-1 DT1: 45 DT2: 38 DT3: 44 DT4: 45 DT5: 48 DT6: 55
	1055	1110	925						LAST SHOT TPX-1 LOST ~2 SHOTS IN MIDDLE
	1055	1111	926	798	30	4	20	✓	FIRST SHOT TPX-2 DT1: 45 DT2: 36 DT3: 45 DT4: 45 DT5: 48 DT6: 55
	1126	1111	987						LAST SHOT TPX-2 LOST 1 SHOT @ Beg.
	1126	1112	988	789	30	4	20	✓	FIRST SHOT TPX-1 DT1: 46 DT2: 37 DT3: 45 DT4: 45 DT5: 47 DT6: 55

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT 21

LINE TYPE COP

SOURCE 2227 in 3/30 guns Prospector
3000 in 3/4 guns Conrad

DFS IV 48 CHANNELS

FORMAT: SEG B

BFI 1600

[illegible]

RECORDING LOG

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R/V CONRADAND R/V'S PROSPEKTADFS IV 48 CHANNELSCRUISE RC24-11AREA NORWEGIAN SEAFORMAT: SEB BLINE NO. NGT-22LINE TYPE ESP 10SOURCE 2227 in³/30 guns ProspektaBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. MSEC	TRIP DEL. SEC	COMMENTS
245	1350	1114	001	783	60	4	39K	15	FIRST SHOT TPX-2 DT1: 44 DT3: 46 DT5: 48 DT2: 38 DT4: 46 DT6: 53
2	1422	1114	033	780	"	"	"	"	LAST SHOT TPX-2
SEPT.	1423	1115	034	780	60	4	39K	15	FIRST SHOT TPX-1 DT1: 45 DT3: 46 DT5: 48 DT2: 40 DT4: 46 DT6: 54
83	1447	1115	058	775	"	"	"	5	CHANGE DELAY → 5 SEC
	1455	1115	066	775	"	"	"	"	LAST SHOT TPX-1
	1456	1116	067	775	60	4	39K	5	FIRST SHOT TPX-2 DT1: 44 DT3: 45 DT5: 48 DT2: 37 DT4: 47 DT6: 55
	1528	1116	099		"	"	"	"	LAST SHOT TPX-2
	1529	1117	100	769	60	4	39K	5	FIRST SHOT TPX-1 DT1: 45 DT3: 46 DT5: 48 DT2: 38 DT4: 45 DT6: 54
	1601	1117	132	765	60	4	39K	5	LAST SHOT TPX-1
	1602	1118	133	765	60	4	39K	5	FIRST SHOT TPX-2 DT1: 45 DT3: 46 DT5: 48 DT2: 38 DT4: 45 DT6: 55
	1622	1118	153	761	"	"	"	8	CHANGE DELAY → 8 SEC
	1634	1118	165	759	"	"	"	8	LAST SHOT TPX-2
	1635	1119	166	759	60	4	39K	8	FIRST SHOT TPX-1 DT1: 45 DT3: 45 DT5: 48 DT2: 38 DT4: 45 DT6: 56
	1700	1119	191	755	"	"	"	10	CHANGE DELAY → 10 SEC
	1707	1119	198	751	"	"	"	"	LAST SHOT TPX-1
	1708	1120	199	751	60	4	39K	10	FIRST SHOT TPX-2 DT1: 47 DT3: 44 DT5: 48 DT2: 39 DT4: 45 DT6: 57
	1740	1120	231	747	"	"	"	"	LAST SHOT TPX-2
	1741	1121	232	746	60	4	39K	10	FIRST SHOT TPX-1 DT1: 45 DT3: 45 DT5: 47 DT2: 38 DT4: 45 DT6: 55
	1757	1121	248	747	"	"	"	"	LAST SHOT TPX-1 END NIGHT 22 (BPI 10)

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R/V CONRADAND R/V'S PROSPEKTADFS IV 48 CHANNELSCRUISE RC 24-1AREA NORWEGIAN SEAFORMAT: SEG BLINE NO NGT-23LINE TYPE ESP 10ASOURCE 2227-INT³/30GUNS (Prospecta)BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
245	1925	1122	001	750	60	4	39	10	BEGIN NGT-23, START RECORDING TPX 2 FIRST FILE DT1: 44 DT3: 42 DT5: 45 DT2: 31 DT4: 43 DT6: 54
2	1930	1122	6						1ST PROSPEKTA SHOT
400 83	1957	1122	033						END TAPE 1122
	1958	1123	034	756					START TAPE 1123 TPX 1 DT/ 40, 30, 43, 43, 45, 50
	2013		49					8	C/DELAY → 8 SECS
	2030	1123	66						END TAPE 1123
	2031	1124	67	761					START TAPE 1124 TPX 2 DT/ 40, 30, 44, 43, 45, 50
	2044	1124	80					5	A/DELAY → 5 SECS
	2103	1124	99						END TAPE 1124
	2104	1125	100	767					START TAPE 1125 TPX 1 DT/ 39, 30, 43, 43, 45, 49
	2136	1125	132						END TAPE 1125
	2137	1126	133	770				5	START TAPE 1126 TPX 2 DT/ 39, 30, 43, 42, 45, 50
	2210	1126	165						END 1126
	2210	1127	166	776				5	BEGIN 1127 TPX-1, DT(1-6) 43, 30, 42, 43, 44, 50
	2219	1127	175					0	C/DELAY → 0 SEC
	2243	1127	198	7					END 1127
	2243	1128	199	781				0	BEGIN 1128, TPX-2 DT(1-6) 40, 30, 40, 43, 45, 50
	2316	1128	231						END 1128
	2316	1129	232	783				0	BEGIN 1129 TPX-1 DT(1-6) 40, 38, 40, 42, 45, 50

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R/V CONRADAND R/V'S PROSPEKTADFS IV 48 CHANNELSCRUISE RC 24-11AREA NORWEGIAN SEAFORMAT: SEG BLINE NO. NGT-23LINE TYPE ESP10A SOURCE 2227 IN³/30 GUNS (PROSPEKTA)BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
245	2349	1129	264						END 1129
2 SEPT	2349	1130	265	785	60	4	39	0	BEGIN 1130, TPX-2, DT(1-6) 35, 30, 41, 43, 45, 50
246 3 SEPT	0022	1130	297						END 1130
	0022	1131	298	791	60	4	39	0	BEGIN 1131, TPX-1 DT(1-6) 30, 25, 42, 43, 45, 50
	0026	1131	302					5	C/DELAY → 5 SEC
	0055	1131	330						END 1131
	0055	1132	331	785	60	4	39	5	BEGIN 1132, TPX-2 DT(1-6) 31, 32, 41, 41, 42, 49
	0128	1132	363						END 1132
	0128	1133	364	763	60	4	39	5	BEGIN 1133, TPX-1 DT(1-6) 40, 35, 41, 40, 43, 50
	0157	1133	393					8	C/DELAY TO 8 SEC
	0201	1133	396						END 1133
	0201	1134	397	727	60	4	39	8	BEGIN 1134, TPX-2, DT(1-6): 35, 30, 41, 42, 42, 47
	0229	1134	425					10	C/ Delay to 10 sec
	0234	1134	429						END 1134
	0234	1135	430	683	60	4	39	10	BEGIN 1135 on TPX-1, DT(1-6) 37, 32, 40, 43, 43, 48
	0307	1135	462						END 1135
	0307	1136	463	660	60	4	39	10	BEGIN 1136 on TPX-2, DT(1-6), 38, 35, 41, 41, 43, 50
	0329	1136	485						END of 1136; END OF LINE NGT-23

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AND ^{S/V} R/V'S PROSPEKTA

AREA NORWEGIAN SEA

LINE TYPE ESP 11 SOURCE 227 IN³/30 gals

DFS IV 42 CHANNELS

FORMAT: SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
246	0711	1137	001	675	60	4	39	10	START RECORDING.
03	0715	1137	005						START 1137; TPK-1, FIRST SHOT PROSPEKTA AT 0715.
58PT	0743	1137	033						FIRST SHOT, PROSPEKTA, NGT-25, ESP 11
1983	0744	1138	034	686	60	4	39	10	END 1137
	0759	1138	049					8	START 1138; TPK-2; DT(1-6) 40, 30, 42, 44, 44, 57
	0816	1138	066						DELAY TO 8 SEC.
	0817	1139	067	685	60	4	39	8	END 1138
	0831	1139	081					5	START 1139; TPK-1; DT(1-6) 40, 34, 42, 44, 46, 50
	0849	1139	099						DELAY TO 5 SEC.
	0850	1140	100	680	60	4	39	5	END 1139
	0922	1140	132						START 1140; TPK-2; DT(1-6) 40, 35, 43, 45, 45, 53
	0923	1141	133	680	60	4	39	5	END 1140
	0955	1141	165						START 1141; TPK-1; TD(1-6) 42, 36, 45, 46, 47, 56
	0958	1142	166	672	60	4	39	5	END 1141
	1006	1142	176					Ø	START 1142 TPK-2; DT(1-6) 40, 35, 45, 47, 49, 55
	1038	1142	198						DELAY TO Ø SEC.
	1029	1143	199	653	60	4	39	Ø	LAST SHOT TPK-2
	1100	1143	231						FIRST SHOT TXP-1 DT1: 44 DT2: 35 DT3: 45 DT4: 45 DT5: 47 DT6: 56
	1107	1144	232	644	60	4	39	Ø	LAST SHOT TPK-1
									FIRST SHOT TXP-2 DT(1-6) 43, 31, 45, 41, 47, 5-

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RAV CONRADAND RAV'S PROSPEKTACRUISE RL24-11AREA NORWEGIAN SEALINE NO. NGT-25LINE TYPE ESP 11SOURCE 2227 m³/30 gunsDFS IV 48 CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
246	1134	1144	264						LAST SHOT
03	1135	1145	265	641	60	4	39	Ø	FIRST SHOT TXP-1 DT (1-6) 43, 35, 45, 45, 48, 56
Sept.	1207	1145	297						LAST SHOT
83	1208	1146	298	635	60	4	39	Ø	FIRST SHOT TXP-2 DT (1-6) 44, 37, 45, 45, 46, 54
	1240	1146	330					Ø	LAST SHOT
	1241	1147	331	624	60	4	39	5	FIRST SHOT TXP-1 DT (1-6) 43, 37, 46, 45, 47, 55 Delay → 05 sec
	1312	1147	362						LAST SHOT
	1313	1148	363	631	60	4	39	5	FIRST SHOT TXP-2 DT (1-6) 43, 36, 46, 45, 47, 53
	1342	1148	392						Delay → 08 sec
	1345	1148	395						LAST SHOT
	1346	1149	396	663	60	4	39	8	FIRST SHOT TXP-1 - DT (1-6) 45, 35, 44, 44, 45, 56
	1415	1149	425					10	DELAY → 10
	1418	1149	428						END TAPE # 1149-TXP-1
	1419	1150	429	655	60	4	39	10	BEGIN TAPE 1150 TXP-2 DT 1/44 3/46 5/45 2/38 4/45 6/56
	1451	1150	461						
	1452	1151	462	664	60	4	39	10	BEGIN TAPE 1151 TXP-1 DT 1/43 3/48 5/45 2/35 4/45 6/57
	1511	1151	481		60	4	39	10	LAST SHOT @ 1511Z FILE # 481 TAPE 1151

R/V CONRADCRUISE RC 24-11LINE NO. NGT-27AND R/V'S PROSPEKTAAREA NORWEGIAN SEALINE TYPE ESP 12SOURCE 2227 IN³/30 GUNS

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DFS IV 48 CHANNELSFORMAT: SEG-RBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
246	2246	1152	001						BEGIN 1152, TPX-2
3 SEPT	2250	1152	005	775	60	4	39	10	FIRST SHOT NGT-27, ESP 12, DT(1-6) 46, 39, 46, 45, 48, 58
1983	2319	1152	033						END 1152
	2319	1153	034	795	60	4	39	10	BEGIN 1153 TPX-1, DT(1-6) 45, 40, 50, 48, 46, 55
	2330	1153	045					8	C/DELAY → 8 SEC. (NOTED ON FILE #46)
	2351	1153	065						END 1153
	2351	1154	066	822 782	60	4	39	8	BEGIN 1154, TPX-2, DT(1-6) 44, 37, 47, 45, 45, 54
247	0004	1154	079					5	C/DELAY → 5 SEC. (NOTED ON FILE #81)
4 SEPT	0024	1154	98						END 1154
1983	0024	1155	99	850	60	4	39	5	BEGIN 1155, TPX-1, DT(1-6) 45, 43, 45, 45, 46, 57
	0056	1155	130						END 1155
	0056	1156	131	871	60	4	39	5	BEGIN 1156, TPX-2, DT(1-6) 46, 37, 45, 48, 45, 56
	0112	1156	147					0	C/DELAY → 0 SEC. (NOTED ON FILE #148)
	0129	1156	163						END 1156
	0129	1157	164	874	60	4	39	0	BEGIN 1157, TPX-1, DT(1-6) 43, 39, 48, 47, 45, 56
	0201	1157							END 1157
	0201	1158	196	912	60	4	39	0	BEGIN 1158, TPX-2, DT(1-6) 42, 37, 47, 47, 47, 57
	0234	1158	228						END 1158
	0234	1159	229	958	60	4	39	0	BEGIN 1159, TPX-1, DT(1-6) 50, 40, 45, 42, 47, 57

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RAV CONRADAND RAV'S SV PROSPERITACRUISE RC24-11AREA NORWEGIAN SEALINE NO. N6T-27LINE TYPE ESPSOURCE 2227 m³ / 30 gunsDFS IV 48 CHANNELSFORMAT: SEG BBPT. 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
247		1159							END 1159
4 Sept	0306	1160	261	993	60	4	39	0	BEGIN ON TPX-2. WD(1-6): 46, 40, 46, 47, 46, 57
1983	0339	1160	293						END 1160
	0339	1161	294	1023	60	4	39	0	BEGIN ON TPX-1; WD(1-6): 46, 40, 46, 49, 49, 61
	0409	1161	323					5	C/DELAY TO 5 SEC
	0412	1161	326						END of 1161
	0412	1162	327	978	60	4	39	5	BEGIN ON TPX-2; WD(1-6): 45, 39, 47, 50, 48, 61
	0445	1162							END OF 1162
	0445	1163	360	952	60	4	39	5	BEGIN OF TPX-1; WD(1-6): 46, 38, 45, 48, 48, 59
	0513	1163	388					8	C/DELAY TO 8 SEC
	0518	1163	392						END OF 1163
	0518	1164	393	928	60	4	39	8	BEGIN ON TPX-2. WD(1-6) 46, 43, 46, 49, 48, 58
	0545	1164	420					10	C/DELAY TO 10 SEC
	0551	1164	425						END OF 1164
	0551	1165	426	918	60	4	39	10	BEGIN ON TPX-1; WD(1-6): 47, 40, 46, 47, 45, 52
	0623	1165	458						END 1165
	0624	1166	459	935	60	4	39	10	START 1166, TPX-2; DT(1-6) 48, 40, 47, 49, 49, 60
	0640	1166	475						END OF LINE N6T-27, ESP 12.

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R/V CONRAD

AND R/V'S PROSPECTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO NGT-29

LINE TYPE ESP 13 SOURCE 2227 in / 30 Guns

DFS IV 48 CHANNELS

FORMAT SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	* 1ST PROSPECTA SHOT ACTUALLY AT 1431
									COMMENTS
247	1426	1167	001	1656	60	4	39	10	FIRST SHOT OF NGT 29 (ESP-13)
4	1457	1167	0032		60	4	39	10	FIRST FILE ON NGT-29 IS # 5 AT 1430Z DT1: 42 DT2: 30 DT3: 44 DT4: 44 DT5: 44 DT6: 54 TPX1
SEPT 83	1458	1168	0033	1640	60	4	39	10	LAST FILE NO SHOTS LOST FIRST FILE SHOT DT1: 41 DT3: 44 DT5: 44 TPX-2 DT2: 29 DT4: 44 DT6: 54
	1530	1168	065		60	4	39	10	LAST SHOT NONE MISSING DT1: 40 DT3: 45 DT5: 43 DT2: 31 DT4: 44 DT6: 53
	1531	1169	066	1650	60	4	39	10	FIRST SHOT TPX-1
	1602	1169	097		60	4	39	10	LAST SHOT NONE MISSING DT1: 40 DT3: 45 DT5: 43 DT2: 31 DT4: 44 DT6: 52
	1603	1170	098	1657	60	4	39	10	FIRST SHOT TPX-2
	1610	1170	105		"	"	"	8	CHANGE DELAY → 8 SEC
	1624	1170	129		60	4	39	0	LAST SHOT DT1: 40 DT3: 45 DT5: 44 NONE FIRST SHOT TPX-1 DT2: 30 DT4: 45 DT6: 52 MISSING
	1635	1171	130	1662	60	4	39	8	FIRST SHOT TPX-1 DT1: 40 DT3: 45 DT5: 44 DT2: 30 DT4: 45 DT6: 52
	1640	1171	135		"	"	"	5	CHANGE DELAY → 5 SEC.
	1709	1172	164					0	CHANGE DELAY → 0 SEC.
	1707	1171	162		60	4	39	5	END → LAST SHOT NONE MISSING DT1: 40 DT3: 45 DT5: 44 DT2: 29 DT4: 44 DT6: 54
	1708	1172	163	1661	60	4	39	5	FIRST SHOT
	1740	1172	195		60	4	39	0	LAST SHOT NONE MISSING SHOTS DT1: 41 DT3: 45 DT5: 45 DT2: 30 DT4: 46 DT6: 53
	1741	1173	196	1650	60	4	39	0	FIRST SHOT
	1813	1173	228						END TAPE 1173
	1814	1174	229	1640					START TAPE 1174 TPX2 DT1: 41, 29, 44, 43, 43, 52
	1831	1174	249						CHANGE DELAY → 5 SECS

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R/V CONRAD

CRUISE RC2411

LINE NO 4N6T-29

AND R/U'S PROSPEKTA

AREA NORWEGIAN SEA

LINE TYPE ESP 13 SOURCE AIR buns

DFS IV 48 CHANNELS

FORMAT: SEGB

BPI 1600[illegible]

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC2411

AREA NORWEGIAN SEA

LINE NO. NET-30

LINE TYPE COP

SOURCE AIRGUNS

DFS IV 48 CHANNELS

FORMAT: SEB B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
248	0337	1180	001	1683	30	4	20	Ø	ON TPX-2; WD (1-6) 38, 30, 39, 40, 40, 47. FIRST PROSPEKTIN SHOT WAS AT 0333;
	0350	1180	022						1. CONRAD-SHOT COMPUTER RELEASED; [SHOTS BEFORE = HAND RELEASED]
	0410:30	1180	062						END OF 1180
	0411:00	1181	063	1675	30	4	20	Ø	BEGIN ON TPX-1; WD (1-6) - 42, 32, 39, 41, 38, 47
	0442	1181	123						END OF 1181
	0442	1182	124	1665	30	4	20	Ø	BEGIN ON TPX-2; WD (1-6): 41, 30, 38, 41, 41, 48
	0445	1182	130						SORBO #18 LAUNCHED
	0512:30	1182	186						END OF 1182
	0513:00	1183	187	1660	30	4	20	Ø	BEGIN ON TPX-1; WD (1-6): 44, 32, 39, 41, 40, 48
	0543:30	1183	248						END OF 1183
	0544:00	1184	249	1588	30	4	20	Ø	BEGIN ON TPX-2; WD (1-6) 36, 27, 38, 41, 37, 46
	0614:30	1184	310						END 1184
	0615	1185	311	1525	30	4	20	Ø	BEGIN 1185; TPX-1; WD (1-6) 40, 36, 40, 41, 39, 45
	0645:30	1185	372						END 1185
	0646	1186	373	1480	30	4	20	Ø	BEGIN 1186; TPX-2; WD (1-6) 39, 35, 40, 41, 40, 45
	0717	1186	435						END 1186
	0717:30	1187	436	1380	30	4	20	Ø	BEGIN 1187; TPX-1; WD (1-6) 37, 35, 40, 40, 49, 47
	0748	1187	497						END 1186

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RV CONRADAND RV'S PROSPEKTACRUISE RC24-11AREA NOKWEGIAN SEALINE NO. N61-30LINE TYPE COPSOURCE AIRGUNSDFS IV 48 CHANNELSFORMAT: SE6 BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
248	0748:30	1188	498	~	30	4	20	0	START 1188; TPX-2; DT(1-6) 37, 35, 40, 40, 40, 46
05	0819	1188	559						END 1188
SEPT	0819:30	1189	560	1262	30	4	20	0	START 1189; TPX-1; DT(1-6) 38, 35, 40, 40, 40, 47
83	0850	1189	621						END 1189
	0850:30	1190	622	1170	30	4	20	0	START 1190; TPX-2 DT(1-6) 37, 35, 40, 40, 40, 46
	0842								END S.B. # 18
	0845								START S.B. # 19.
	0921	1190	683						END 1190
	0921:30	1191	684	1100	30	4	20	0	START 1191, TPX-1; DT(1-6) 39, 35, 40, 40, 40, 45
	0952	1191	745						END 1191
	0952:30	1192	746	1022	30	4	20	0	START 1192; TPX-2; DT(1-6) 39, 35, 40, 40, 39, 46
	1023	1192	807						END 1192
	1023	1193	808	1022	30	4	20	0	START 1193 TPX-1 DT(1-6) 39, 35, 39, 41, 40, 45
	1054	1193	869						END 1193
	1054	1194	870	1026	30	4	20	0	START 1194 TPX-2 DT(1-6) 36, 34, 39, 40, 37, 47
	1126	1194	932						END 1194
	1126	1195	933	1013	30	4	20	0	START 1195 TPX-1 DT(1-6) 35, 34, 40, 40, 39, 46
	1157	1195	994						END 1195
	1157	1196	995	957	30	4	20	0	START 1196 TPX-2 DT(1-6) 37, 35, 40, 40, 38, 46

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R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC2441

AREA NORWEGIAN SEA

LINE NO NGT-30

LINE TYPE COP

SOURCE 2227 m³/30 guns - Prospekta
3000 m³/4 guns Conrad

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
248	1213	1196	1028		30	4	20	Ø	END SONO # 19
05	1228	1196	1058						END TAPE 1196
83	1228	1197	1059	941	30	4	20	Ø	START 1197 TXP-1 DT(1-6) 36, 34, 37, 41, 40, 46
	1230	1197	1063						START SONO SONO # 20A (ENDED 1243)
	1250	1197	1102						START SONO # 20B (CHAN 21) ENDED 1357
	1259	1197	1120						END 1197
	1259	1198	1121	938	30	4	20	Ø	START 1198 TXP-2 DT(1-6) 38, 35, 39, 40, 39, 45
	1330	1198	1182						END 1198
	1330	1199	1183	934	30	4	20	Ø	START 1199 TXP-1 DT(1-6) 37, 38, 40, 41, 41, 46
	1355	1199	1232						START SONO. # 21
	1357	1199	1237						END SONO # 20B STOPPED TRANSMITTING ??
	1400	1199	1242						START SONO. # 21
	1401	1199	1243						END 1199 LOST 12 SHOTS POSSIBLY TAPED OVER SOME SHOTS ON 1199
	1406	1200	1244	875	30	4	20	Ø	START 1200 TXP-2 DT(1-6) 36, 34, 40, 40, 41, 47
	1420								SONO BUOY # 20 START TRANSMITTING AGAIN?
	1436:30	1200	305						END 1200
	1437	1201	306	814	30	4	20	Ø	BEGIN TAPE # 1201 TXP-1 DT 1/36 3/40 5/39 2/34 4/40 6/45
									END TAPE 1201
	1507	1202	367	775	30	4	20	Ø	BEGIN TAPE 1202 TXP-2 DT 1/34 3/40 5/39 2/34 4/40 6/45

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R/V R.V. CONRADAND R/V'S PROSPEKTACRUISE RC24-11AREA NORWEGIAN SEALINE NO NGT-30LINE TYPE COPSOURCE CONRAD 3000in³/2000psi
PROSPEKTA 2227in³/2000psiDFS IV 48 CHANNELSFORMAT: SEG-BBPT. 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
(248)	1538:30	1202	429		30	4	20	Ø	END 1202 DT1/35 3/40 5/40
05 SEP 1	1539	1203	430	755	30	4	20	Ø	BEGIN TP#1203/TPX-1 2/34 4/40 6/45
1983	1609	1203	490						END 1203 DT1/35 3/40 5/40
	1609:30	1204	491	712	30	4	20	Ø	BEGIN TP#1204/TPX-2 2/32 4/40 6/45
	1639	1204	550						END 1204 DT1/34 3/38 5/40
	1639:30	1205	551	694	30	4	20	Ø	BEGIN TP#1205/TPX-1 DT2/35 4/40 6/46
	1709	1205	640						END TP 1205
	1709:30	1206	611	690	30	4	20	Ø	BEGIN TP#1206/TPX-2 DT1/37 3/40 5/41
	1739:30	1206	672						END TP 1206 DT2/35 4/40 6/47
	1740	1207	623	695	30	4	20	Ø	BEGIN TP#1207/TPX-1 DT1/32 3/40 5/40
	1811	1207	734						END TP 1207 2/33 4/41 6/45
	1811:30	1208	735	708	30	4	20	Ø	START TAPE 1208 TPX2 DT/33, 32, 32, 38, 38, 45
	1842:30	1208	797						END TAPE 1208
	1843	1209	798	719	30	4	20	Ø	START TAPE 1209 TPX1 DT/35, 33, 38, 40, 38, 45
	1913:30	1209	859						END TAPE 1209
	1914	1210	860	694	30	4	20	Ø	START TAPE 1210 TPX2 DT/34, 32, 38, 40, 37, 45
	1943:30	1210							LAST SHOT BEFORE TURN TO SEG BETWEEN ESP11 & 10
	1945	1210	922	647					END TAPE 1210
1945:30	1945:30	1211	923	697	30	4	20	Ø	START TAPE 1211 TPX1 DT/35, 34, 40, 39, 40, 45

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R/V CONRADAND R/V'S PROSPECTACRUISE RC24-11AREA NORWEGIAN SEALINE NO. NGT-30LINE TYPE COPSOURCE MIRGUNSDFS IV 48 ⁽⁵⁸⁾ CHANNELSFORMAT: SEGBBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
(2485) SEPT 83	2000								START SB # 21A
	2016	1211	984	691	30	4	20	Φ	END TAPE 1211
	201630	1212	985						START TAPE 1212 TPX2 DT/35, 35, 39, 40, 38, 45
	204730	1212	1048						END TAPE 1212
	2048	1213	1049	730					START TAPE 1213 TPX1 DT/32, 32, 38, 40, 39, 45
	2101								END SB # 21A
	2105								START SB # 21
	219:30	1213	1110						END TAPE 1213
	2119	1214	1111	760					START TAPE 1214 TPX2 DT/35, 33, 40, 40, 37, 45
	2149:30	1214	1172						END TAPE 1214
	2150	1215	1173	765					START TAPE 1215 TPX1 DT/35, 32, 37, 40, 33, 45
	2221	1215	1234						END TAPE 1215
	2221	1216	1235	772					START TAPE 1216 TPX-2 DT(1-6) 32, 33, 40, 40, 39, 45
	2252:30	1216	1297						END TAPE 1216
	2252:30	1217	1298	783					START TAPE 1217 TPX-1 DT(1-6) 35, 33, 40, 40, 40, 45
	2323:30	1217	1389						END TAPE 1217
	2323:30	1218	1360	787	30	4	20	6	START TAPE 1218, TPX-2 DT(1-6) 35, 35, 40, 40, 38, 45
	2349	1218	1411						AT MIDPT (END OF LINE), TO CONTINUE FOR 10 KM
	2354:30	1218	1421						END TAPE 1218
	2354:30	1219	1422	791					START TAPE 1219, TPX-1 DT(1-6) 34, 35, 40, 40, 40, 45

RECORDING LOG

PAGE NO.

R/V CONRAD

AND R/V'S PROSPEKTA

CRUISE RC24-11

AREA NORWEGIAN SEA

LINE NO. NGT-30

LINE TYPE CDP

SOURCE AIRGUNS

DFS IV 48 CHANNELS

FORMAT: SEG B

BPI 1600[illegible]