

RV CONRAD

AND R/V'S _____

CRUISE RC26-14AREA S. CHINA SEALINE NO. 637 638LINE TYPE CDPSOURCE 1-350, 1-500, 1466, 1-700DFS IV 3 CHANNELSFORMAT: SEG BBPI 16000

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FT M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
352	0930	97700	1		20	4	12	0	DT1-43 DT2-48 DT3-48 DT4-48 DT5-50 DT6-57
	1005	97700	102		20	4	12	0	
	1005	97710	103		20	4	12	0	DT1-43 DT2-48 DT3-47 DT4-48 DT5-50 DT6-60
	1039	97710	—						MISSED SHOTS ON CHANGE. TPX / ERROR.
	1039	97720	200		20	4	12	0	DT1-42 DT2-48 DT3-46 DT4-45 DT5-47 DT6-38
	1113	97720	301		20	4	12	0	
	1113	97730	302		20	4	12	0	DT1-44 DT2-50 DT3-48 DT4-46 DT5-46 DT6-56
	1147	97730	402		20	4	12	0	
	1147	97740	403		20	4	12	0	DT1-42 DT2-51 DT3-48 DT4-46 DT5-47 DT6-48
	1223	97740	—						POWER FAILURE MISSED SHOTS ON CHANGE OUT
	1223	97750	503	4358	20	4	12	0	DT1-60 2-50 3-46 4-46 5-50 DT6-43
	12:57	97750	603		20	4	12	0	
	12:57	97760	604	4366	20	4	12	0	DT1 44 DT2 51 DT3 50 DT4 46 DT5 47 DT6 57
	13:30	97760	703		20	4	12	0	
	13:30	97770	704	4358	20	4	12	0	DT1 45 DT2 50 DT3 50 DT4 47 DT5 46 DT6 54
	14:04	97770	804		20	4	12	0	
	14:04	97780	805	4365	20	4	12	0	DT1 45 DT2 51 DT3 49 DT4 48 DT5 47 DT6 53
	14:38	97780	906		20	4	12	0	
	14:38	97790	907	4353	20	4	12	0	DT1 45 DT2 52 DT3 49 DT4 48 DT5 48 DT6 56

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R/V CONRADAND R/V'S —CRUISE RC26-14AREA S. China SeaLINE NO. 637 638LINE TYPE CDPSOURCE 1-350 1-500 1-466 1-700DFS 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
352	15:04	97794	954		20	4	12	0	TPX-1 Problem Change TPX-2
	15:04	97800	955	4366	20	4	12	0	DT1 44 DT2 51 DT3 49 DT4 47 DT5 48 DT6 57
	15:39	97800	1056		20	4	12	0	
	15:39	97810	1057	4360	20	4	12	0	DT1 45 DT2 52 DT3 49 DT4 47 DT5 49 DT6 61
	16:12	9781	1157						
	16:12	9782	1158	4363	20	4	12	0	1-66, 2-54 3-50 4-50 5-54 6-47
	16:45	9782	1259						
	16:45	9783	1260	4362	20	4	12	0	1-58, 2-50 3-49 4-50 5-52 6-44
	17:20	9783	1357						
	17:20	9784	1358	4362	20	4	12	0	1-42 2-47 3-48 4-52 5-53 6-48
	17:53	9784	1459						
	17:53	9785	1460	4360	20	4	12	0	1-47 2-49 3-49 4-52 5-53 6-47
	1828	9785	1560						
	1828	9786	1561	4361	20	4	12	0	1-44 2-48 3-49 4-51 5-52 6-46
	1801	9786	1662						
	1901	9787	1663	4360	20	4	12	0	1-46 2-47 3-48 4-52 5-53 6-48
	1934	9787	1763						
	1934	9788	1764	4363	20	4	12	0	1-46 2-48 3-49 4-50 5-52 6-48
	2009	9789	—						BAD TAPE SEVERAL SHOTS MISSED.

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RV ComradAND R/V'S —

CA 27431

BAD DFS IV 78 CHANNELSCRUISE RC 26-14AREA S CHINA SEAFORMAT: SEB 0LINE NO 632 638LINE TYPE CDFSOURCE 350 466 500 700BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
352	2014	9789	869	4344	20	4	12	0	RESTART 9789 BAD TAPE ON TPX 1
150FC	2048	9789	969	4320					1-42 2-52 3-49 4-48 5-49 6-50
85	2048	9790	970		20	4	12	0	1-45 2-52 3-49 4-47 5-46 6-45
	2123	9790	1074						
	2123	9791	1075	4360	20	4	12	0	1-45 2-52 3-50 4-47 5-46 6-46
	2150	9791	1154						TPX1 have problem
	2150	9792	1155		20	4	12	0	1-46 2-52 3-50 4-48 5-45 6-47
	2225	9792	1256						
	2225	9793	1257	4251	20	4	12	0	1-44 2-51 3-48 4-46 5-45 6-48
	2258	9793	1357						
	2258	9794	1358	4207	20	4	12	0	1-44 2-52 3-49 4-47 5-45 6-46
	2332	9794	1459						1-44
	2332	9795	1460	4431	20	4	12	0	2-51 3-49 4-48 5-47 6-46
	00:06	9795	1560						
	00:06	9796	1561	4431	20	4	12	0	DT1 44 DT2 51 DT3 48 DT4 47 DT5 48 DT6 50
	00:19	9796	1583						Lost 11 S.P. TPX2 have problem
	00:19	9797	1584	4430	20	4	12	0	DT1 44 DT2 52 DT3 49 DT4 47 DT5 49 DT6 51
	00:57	9797	1684						
	00:57	9798	1688	4430	20	4	12	0	DT1 45 DT2 52 DT3 50 DT4 47 DT5 47 DT6 45

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CRUISE RE26-14AREA S. China SeaDFS IV 40 CHANNELSFORMAT: SEBLINE NO 637 638 LINE TYPE CDPSOURCE 1-350 1-500 1-666 1-700BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM (M)	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
353	01:32	9798C	1789						
19-Dec	01:32	9799C	1790	4158	20	4	12	φ	DT1 45 DT2 50 DT3 49 DT4 48 DT5 48 DT6 49
1985	02:06	9799C	1890						
	02:06	9800C	1891	4288	20	4	12	φ	DT1 49 DT2 52 DT3 50 DT4 47 DT5 46 DT6 46
	02:40	9800C	1992						
	02:40	9801C	1993		20	4	12	φ	TP1 problem
	02:45	9801C	1996						
	02:55	9802C	2005	4224	20	4	12	φ	DT1 45 DT2 51 DT3 50 DT4 46 DT5 46 DT6 46
	02:29	9802C	2105		20	4	12	φ	No FILE, missed twelve S.P.
	03:33	9803C	2106	4324	20	4	12	φ	DT1 45 DT2 51 DT3 50 DT4 49 DT5 46 DT6 46
	04 06	9803	2207						
	04 06	9804	2208	4250	20	4	12	0	1-50 2-49 3-48 4-49 5-52 6-48
	04 41	9804	2308						
	04 41	9805	2309	4311	20	4	12	0	1-51 2-49 3-48 4-50 5-52 6-45
	05 14	9805	2410						
	05 14	9806	2411	4240	20	4	12	0	1-50 2-49 3-48 4-51 5-53 6-47
	05 40	9806	2511						
	05 48	9807	2512	4310	20	4	12	0	1-48 2-50 3-48 4-52 5-54 6-48
	06 23	9807	2612						

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PAGE NO. 5R/V CONRADAND R/V'S DFS IV 70 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO. 637 638 LINE TYPE CDP SOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
353	0623	9808	2613	4309	20	4	12	0	1-50 2-48 3-49 4-50 5-54 6-47
	0655	9808	2713						
	0655	9808	2714	4305	20	4	12	0	1-50 2-48 3-48 4-52 5-53 6-46
	0730	9808	2815						
	0730	9808	2816	4300	20	4	12	0	1-53 2-49 3-49 4-50 5-52 6-45
	0804	9810	2916						
	0804	9811	2917	4300	20	4	12	0	1-44 2-51 3-49 4-47 5-48 6-36
	0838	9811	3019						
	0838	9812	3020	3800	20	4	12	0	1-43 2-51 3-48 4-46 5-47 6-53
	0902	9812	3021						
	0912	9813	3022	4240	20	4	12	0	1-45 2-51 3-48 4-47 5-47 6-52
	0946	9813	3222						
	0946	9814	3223	4286	20	4	12	0	1-43 2-51 3-48 4-47 5-47 6-50
	1020	9814	3323						
	1020	9815	3324	4279	20	4	12	0	1-43 2-51 3-48 4-46 5-47 6-51
	1054	9815	3425						
	1054	9816	3426	4280	20	4	12	0	1-45 2-52 3-48 4-46 5-48 6-53
	1127	9816	3526						
	1127	9817	3527	4276	20	4	12	0	1-44 2-52 3-50 4-49 5-47 6-55

R/V CONRADAND R/V S. CRUISE RC26-14AREA S. CHINA SEALINE NO. 637-638LINE TYPE CDPSOURCE AIRGUNSDFS IV 8 CHANNELSFORMAT: SEG-BBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM (M)	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
19 DEC 85 JD353	1201	9817	3628		20	4	12	0	
	1201	9818	3629	4273					1-44 2-52 3-48 4-46 5-46 6-54
	12:35	9818C	3729						
	12:35	9819C	3730	4247	20	4	12	φ	DT1.45 DT2.51 DT3.50 DT4.48 DT5.48 DT6.54
	13:09	9819C	3831						
	13:09	9820C	3832	4223	20	4	12	φ	DT1.45 DT2.52 DT3.49 DT4.46 DT5.47 DT6.54
	13:43	9820C	3933						
	13:43	9821C	3934	3619	20	4	12	φ	DT1.48 DT2.54 DT3.51 DT4.47 DT5.46 DT6.46
	14:18	9821C	4037						
	14:18	9822C	4038	2224	20	4	12	φ	DT1.45 DT2.51 DT3.50 DT4.48 DT5.45 DT6.47
	14:51	9822C	4138						
	14:51	9823C	4139	3323	20	4	12	φ	DT1.45 DT2.51 DT3.49 DT4.47 DT5.47 DT6.50
	15:26	9823C	4241						
	15:26	9824C	4243	3535	20	4	12	φ	DT1.45 DT2.50 DT3.50 DT4.47 DT5.47 DT6.47
	1559	9824	4342						
	1559	9825	4343	3572	20	4	12	0	1-47 2-48 3-49 4-51 5-52 6-46
	1633	9825	4444						
	1633	9826	4445	3090	20	4	12	0	1-49 2-48 3-47 4-50 5-52 6-48
	1651	9826	4498						END LINE 637

RV CONRADAND R/V'S DFS IV 70 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO. 638-639 LINE TYPE CDP SOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
353	1714	9827	001	3000	20	34	12	0	BEGIN LINE 638
	1747	9827	101						
	1747	9828	103	3200	20	4	12	0	1-37 2-41 3-47 4-50 5-54 6-49
	1822	9828	201						TAPE REWOUND MISSED 18 NOT
	1822	9829	202	3000	20	4	12	0	1-37 2-40 3-48 4-49 5-53 6-48
	1856	9829	303						MISSED A FEW SHOTS - TPX 1 WAS "BROKE DICK"
	1858	9830	305	3430	20	4	12	0	1-38 2-40 3-45 4-50 5-54 6-50
	1932	9830	406						
	1932	9831	407	2378	20	4	12	0	1-30 2-31 3-40 4-49 5-53 6-49
	2006	9831	506						TPX#1 HAVE A PROBLEM
	2006	9832	507		20	4	12	0	1-48 2-53 3-44 4-43 5-42 6-39
	2040	9832	609						
	2040	9833	610		20	4	12	0	1-48 2-54 3-44 4-42 5-38 6-39
	2108	9833	688						TPX#1 HAVE SOME PROBLEM
	2108	9834	689		20	4	12	0	
	2141	9834	790						
	2141	9835	791						TPX#1 bad
	2145	9835	792	3305	20	4	12	0	on TPX#2 1-10 2-15 3-9 4-5 5-14 6-24

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AND R/U'S _____

AREA S CHINA SEA

SOURCE AIRGUNS

DFS IV 3 CHANNELS

FORMAT: SEGB

BPI 1600

[illegible]

RV SWANAND R/V'S —CRUISE RC 26-14AREA S. CHINA SEALINE NO 639 640LINE TYPE CDPSOURCE AIRGUNSDFS IV D CHANNELSFORMAT: 5FG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM (M)	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
353	2330	9838C	002	2718	20	4	12	0	START LINE 639.
100 06C	00:06	9838C	101						1-45 2-54 3-38 4-31 5-32 6-40
85	00:06	9839C	102	348	20	4	12	0	DT145 DT255 DT345 DT439 DT540 DT645
354	00:40	9839C	205						
	00:40	9840C	206	4080	20	4	12	φ	DT145 DT246 DT346 DT431 DT545 DT646
	1:10	9840C	292						
	1:10	9841C	293	3645	20	4	12	φ	DT146 DT254 DT345 DT437 DT541 DT645
	0130								2 port-side guns tangled; off for approx 1 hour
	1:44	9841C	395						TPX-1 problem
	1:47	9842C	396	3227	20	4	12	φ	DT145 DT253 DT337 DT432 DT537 DT645
	2:04								1 port-side gun get on deck, 1 port-side gun work
	2:18	9842C	486						
	2:18	9843C	487	3610	20	4	12	φ	DT145 DT254 DT341 DT435 DT538 DT640
	2:50	9843C	583						
	2:50	9844C	584	3152	20	4	12	φ	DT145 DT254 DT340 DT431 DT536 DT644
	3:24	9844C	681						
	3:24	9845C	682	3893	20	4	12	φ	DT145 DT255 DT342 DT433 DT538 DT643
	03:58	9845	784						721 PARITY
	03:58	9846	785	4272	20	4	12	0	1-40 2-40 3-39 4-40 5-54 6-49

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DFS IV 70 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO. 639690LINE TYPE CDPSOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
354	0432	9846	885						
	0432	9847	886	4294	20	4	12	0	1-40 2-39 3-30 4-44 5-56 6-48
	0506	9847	987						
	0506	9848	988	4297	20	4	12	0	1-45 2-43 3-48 4-52 5-67 6-60
	0540	9848	1088						
	0540	9849	1080	4290	20	4	12	0	1-47 2-50 3-52 4-55 5-66 6-61
	0614	9849	1192						
	0614	9850	1193	4287	20	4	12	0	1-41 2-49 3-54 4-56 5-67 6-64
	0647	9850	1293						
	0647	9851	1294	4292	20	4	12	0	1-45 2-48 3-54 4-56 5-65 6-62
	0722	9851	1395						@ 0708Z FOUR GUNS FIRING
	0722	9852	1396	4300	20	4	12	0	1-44 2-49 3-56 4-56 5-68 6-62
	0756	9852	1497						
	0756	9853	1498	4302	20	4	12	0	1-43 2-49 3-54 4-56 5-68 6-62
	0828	9853	1592						
	0828	9854	1593	4300	20	4	12	0	1-61 2-65 3-54 4-55 5-47 6-44
	0901	9854	1693						1-61 2-62 3-54 4-51 5-47 6-45
	0901	9855	1694	4300	20	4	12	0	1-62 2-66 3-54 4-55 5-46 6-44

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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
20 DEC 85 JD354	0936	9856C	1796	4303	20	4	12	0	1-55 2-66 3-35 4-57 5-52 6-45
	1009	9856	1896						
	1009	9857	1897	4312	20	4	12	0	1-55 2-65 3-52 4-56 5-49 6-40
	1043	9857	1998						
	1043	9858	1999	4311	20	4	12	0	1-55 2-65 3-54 4-56 5-57 6-45
	1117	9858	2099						
	1117	9859	2100	4310	20	4	12	0	1-47 2-58 3-50 4-49 5-45 6-45
	1151	9859	2202						
	1151	9860	2203	4309					1-47 2-58 3-50 4-49 5-42 6-40
	12:24	9860C	2303						2275 PARITY 2290 PARITY
	12:24	9861C	2304	4298	20	4	12	φ	DT ₁ 46 DT ₂ 55 DT ₃ 50 DT ₄ 49 DT ₅ 45 DT ₆ 40
	12:59	9861C	2406						
	12:59	9862C	2407	3888	20	4	12	φ	DT ₁ 46 DT ₂ 55 DT ₃ 50 DT ₄ 48 DT ₅ 45 DT ₆ 40
	13:32	9862C	2507						
	13:32	9863C	2508	4031	20	4	12	φ	DT ₁ 46 DT ₂ 60 DT ₃ 51 DT ₄ 50 DT ₅ 45 DT ₆ 41
	14:06	9863C	2609						
	14:06	9864C	2610	4431	20	4	12	φ	DT ₁ 46 DT ₂ 56 DT ₃ 51 DT ₄ 50 DT ₅ 46 DT ₆ 40
	14:40	9864C	2710						
	14:40	9865C	2711	4389	20	4	12	φ	DT ₁ 46 DT ₂ 55 DT ₃ 50 DT ₄ 49 DT ₅ 47 DT ₆ 46

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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
<u>20 Dec 1985</u>	<u>15:14</u>	<u>9865C</u>	<u>2812</u>						
<u>JD 354</u>	<u>15:14</u>	<u>9866C</u>	<u>2813</u>	<u>4059</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>DT1 46 DT2 57 DT3 51 DT4 49 DT5 45 DT6 42</u>
	<u>15:48</u>	<u>9866</u>	<u>2913</u>						
	<u>15:48</u>	<u>9867</u>	<u>2914</u>	<u>4090</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-40 2-48 3-50 4-53 5-60 6-50</u>
	<u>16:21</u>	<u>9867</u>	<u>3015</u>						
	<u>16:21</u>	<u>9868</u>	<u>3017</u>	<u>4260</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-40 2-47 3-50 4-53 5-59 6-47</u>
	<u>16:55</u>	<u>9868</u>	<u>3115</u>						<u>MISSED 1 SHOT - TAPE REWOUND</u>
	<u>16:55</u>	<u>9869</u>	<u>3116</u>	<u>4400</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-42 2-48 3-49 4-52 5-60 6-50</u>
	<u>17:29</u>	<u>9869</u>	<u>3217</u>						
	<u>17:29</u>	<u>9870</u>	<u>3218</u>	<u>4408</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-42 2-48 3-50 4-54 5-59 6-49</u>
	<u>17:51</u>	<u>9870</u>	<u>3275</u>						<u>MISSED 2 SHOTS - TAPE REWOUND</u>
	<u>17:51</u>	<u>9871</u>	<u>3276</u>		<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-42 2-49 3-50 4-54 5-60 6-50</u>
	<u>18:25</u>	<u>9871</u>	<u>3377</u>						
	<u>18:25</u>	<u>9872</u>	<u>3378</u>		<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-46 2-49 3-50 4-52 5-60 6-48</u>
	<u>18:59</u>	<u>9872</u>	<u>3478</u>						<u>MISSED 1 SHOT - TAPE REWOUND</u>
	<u>18:59</u>	<u>9873</u>	<u>3479</u>		<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-42 2-45 3-50 4-56 5-60 6-49</u>
	<u>19:33</u>	<u>9873</u>	<u>3578</u>						<u>C/C @ 1948Z NEW LINE</u>
	<u>19:33</u>	<u>9874</u>	<u>3579</u>		<u>20</u>	<u>4</u>	<u>12</u>	<u>0</u>	<u>1-45 2-47 3-50 4-52 5-60 6-48</u>
	<u>2000</u>	<u>9874</u>	<u>3659</u>						<u>END OF LINE 639</u>

R/V CONRADAND R/V'S —CRUISE RC 26-14AREA S CHINA SEALINE NO. 640LINE TYPE CDPSOURCE AIRGUNSDFS IV 40 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
20 DEC 85	2000	9875	3660	4355	20	4	12	0	1-48 2-60 3-49 4-48 5-42 6-36
JD354	2034	9875	3761						
	2034	9876	3762	4349	20	4	12	0	1-46 2-58 3-50 4-48 5-43 6-35 TAXI MALFUNCTION SHOTS MISSED ON CHANGE OVER,
	2116	9876	3866						
	2116	9876	3867	4346	20	4	12	0	1-46 2-58 3-50 4-50 5-44 6-40
	2149	9877	3967						
	2149	9878	3968	4347	20	4	12	0	1-46 2-59 3-48 4-48 5-45 6-40
	2223	9878	4070						
	2223	9879	4071	4346	20	4	12	0	1-46 2-58 3-47 4-48 5-45 6-41
	2257	9879	4171						
	2257	9880	4172	4345	20	4	12	0	1-46 2-58 3-50 4-50 5-45 6-39
	2231	9880	4273						
	2231	9881	4274	4345	20	4	12	0	1-46 2-58 3-50 4-48 5-43 6-40
JD355	00:04	9881C	4374						
	00:04	9882C	4375	4341	20	4	12	φ	DT1 45 DT2 60 DT3 54 DT4 52 DT5 45 DT6 40
	00:38	9882C	4475						4473 4474 PARITY
	00:38	9883C	4476	4340	20	4	12	φ	DT1 48 DT2 60 DT3 50 DT4 49 DT5 45 DT6 40
	1:10	9883C	4570						
	1:10	9884C	4571	4341	20	4	12	φ	DT1 47 DT2 58 DT3 51 DT4 50 DT5 45 DT6 40

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AREA S CHINA SEA

LINE TYPE CDP SOURCE AIRGUNS

DFS IV 48 CHANNELS

FORMAT: SEG-B

BFI 1600

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R/V CONRADAND R/V'S DFS IV 48 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO 641 642LINE TYPE CDPSOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
355	0549	9892	001	2750	20	4	12	0	BEGIN LINE 641
	0622	9892	102						
	0622	9893	103	3400	20	4	12	0	1-42 2-46 3-50 4-51 5-60 6-49
	0656	9893	202						
	0656	9894	203	4000	20	4	12	0	1-40 2-47 3-49 4-50 5-58 6-48
	0730	9894	304						
	0730	9895	305	4257	20	4	12	0	1-46 2-49 3-54 4-53 5-60 6-48
	0732	9895	310						
	0732	9896	311	4257	20	4	12	0	TAPE REWOUND - NO SHOTS MISSED
	0806	9896	412						
	0806	9897	413		20	4	12	0	1-45 2-58 3-50 4-50 5-45 6-45
	0840	9897	513						
	0840	9898	514	4324	20	4	12	0	1-45 2-58 3-50 4-50 5-48 6-45
	0914	9898	615						
	0914	9899	616	4337	20	4	12	0	1-45 2-58 3-50 4-48 5-45 6-45
	9:48	9899C	716						
	9:48	9900C	717	4334	20	4	12	φ	DT ₁ 47 DT ₂ 58 DT ₃ 49 DT ₄ 50 DT ₅ 48 DT ₆ 45
	1022	9900	818						
	1022	9901	819	4331	20	4	12	0	1-45 2-57 3-48 4-48 5-46 6-47

R/V CONRAD

AND R/V S

CRUISE RC 26-14AREA S CHINA SEALINE NO. 641642LINE TYPE CDPSOURCE AIRGUNSDFS IV 78 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
21 DEC 85	1055	9901	919	4333	20	4	12	0	1-45 2-58 3-49 4-50 5-47 6-45
JD355	1055	9902	920						
	1129	9902	1021	4336	20	4	12	0	1-46 2-58 3-50 4-50 5-45 6-43
	1129	9903	1022						
	12:03	9903C	1122						missed 1122.
	12:03	9904C	1123	4337	20	4	12	φ	DT ₁ 46 DT ₂ 57 DT ₃ 50 DT ₄ 50 DT ₅ 48 DT ₆ 44
	12:37	9904C	1225						1197, 1223 PARITY
	12:37	9905C	1226	4335	20	4	12	φ	DT ₁ 46 DT ₂ 57 DT ₃ 50 DT ₄ 49 DT ₅ 45 DT ₆ 44
	13:10	9905C	1322						
	13:10	9906C	1323	4334	20	4	12	φ	DT ₁ 45 DT ₂ 57 DT ₃ 46 DT ₄ 47 DT ₅ 45 DT ₆ 45
	13:44	9906C	1425						
	13:44	9907C	1426	4338	20	4	12	φ	DT ₁ 44 DT ₂ 56 DT ₃ 47 DT ₄ 47 DT ₅ 47 DT ₆ 45
	14:18	9907C	1526						
	14:18	9908C	1527	4337	20	4	12	φ	DT ₁ 45 DT ₂ 58 DT ₃ 49 DT ₄ 48 DT ₅ 45 DT ₆ 45
	14:52	9908C	1628						1614, 1627, 1628 PARITY
	14:52	9909C	1629	4339	20	4	12	φ	DT ₁ 45 DT ₂ 57 DT ₃ 48 DT ₄ 47 DT ₅ 45 DT ₆ 45
	15:25	9909C	1728						
	15:25	9910C	1729	4281	20	4	12	φ	DT ₁ 45 DT ₂ 57 DT ₃ 50 DT ₄ 48 DT ₅ 45 DT ₆ 45
	15:59	9910	1830						

R/V CONRADAND R/V S DFS IV D CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO 641642LINE TYPE CDP SOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
355	1559	9911	1831	4330	20	4	12	0	1-48 2-49 3-49 4-50 5-60 6-48
	1633	9911	1931						
	1633	9912	1932	4328	20	4	12	0	1-50 2-50 3-50 4-50 5-58 6-45
	1707	9912	2034						
	1707	9913	2035	4329	20	4	12	0	1-53 2-49 3-50 4-50 5-59 6-45
	1740	9913	2035						
	1740	9914	2136	4328	20	4	12	0	1-55 2-49 3-49 4-50 5-58 6-46
	1814	9914	2237						
	1814	9915	2238	4336	20	4	12	0	1-53 2-49 3-50 4-50 5-57 6-48
	1848	9915	2338						
	1848	9916	2339	4328	20	4	12	0	1-55 2-49 3-50 4-50 5-59 6-47
	1922	9916	2439						
	1922	9917	2440	4324	20	4	12	0	1-49 2-50 3-54 4-55 5-59 6-48
	1956	9917	2540						
	1956	9918	2541	4120	20	4	12	0	1-42 2-45 3-50 4-51 5-60 6-46
	2029	9918	2641						
	2029	9919	2642	4302	20	4	12	0	1-45 2-58 3-48 4-50 5-46 6-45
	2106	9919	2742						
	2106	9920	2743	4302	20	4	12	0	1-45 2-56 3-47 4-47 5-44 6-45

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CRUISE RC26-14

AREA S CHINA SEA

LINE NO. 641

LINE TYPE CDP 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
21 DEC 1985	2140	9920	2847	4301	20	4	12	0	1-45 2-56 3-48 4-48 5-45 6-49
JD355	2140	9921	2848						
	2213	9921	2948	4300	20	4	12	0	1-45 2-57 3-48 4-48 5-45 6-45
	2213	9922	2949						
	2246	9922	3048	4298	20	4	12	0	1-45 2-57 3-49 4-48 5-45 6-45
	2246	9923	3049						
	2258	9923	3076	4309	20	4	12	0	1-45 2-58 3-51 4-48 5-45 6-45
	2258	9924	3077						
	2331	9924	3177	4296	20	4	12	0	1-45 2-57 3-49 4-50 5-46 6-44
	2331	9925	3178						
	00:06	9925C	3278						
JD356	00:06	9926C	3279	4293	20	4	12	φ	DT1,46 DT2,57 DT3,50 DT4,50 DT5,45 DT6,45
	00:39	9926C	3380						
	00:39	9927C	3381	4286	20	4	12	φ	DT1,46 DT2,58 DT3,50 DT4,50 DT5,46 DT6,46
	1:12	9927C	3477						3472-3473-3474 PARITY
	1:12	9928C	3478	4283	20	4	12	φ	DT1,45 DT2,58 DT3,50 DT4,49 DT5,44 DT6,44
	1:46	9928C	3579						
	1:46	9929C	3580	4277	20	4	12	φ	DT1,46 DT2,57 DT3,49 DT4,49 DT5,45 DT6,44
	2:19	9929C	3680						

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AREA S. CHINA SEA

LINE NO

LINE TYPE CDY

SOURCE AIRGUNS

DFS IV 40 CHANNELS

FORMAT: SEG-B

BFI 1600

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AND R/V'S C

DFS IV 48 CHANNELS

CRUISE 26-14

AREA S CHINA SEA

FORMAT: SEG B

LINE NO ~~526~~ 12

LINE TYPE CDP SOURCE AIRGUNS

BFI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
356	0638	9938	001		20	4	12	0	BEGIN LINE 642
	0712	9938	102						
	0712	9939	103		20	4	12	0	1-40 2-52 3-62 4-61 5-74 6-66
	0745	9939	203						
	0745	9940	204		20	4	12	0	1-40 2-49 3-60 4-59 5-75 6-65
	0809	9940	305						
	0825	9941	305	3862	20	4	12	0	#1 TPX is bad 1-65 2-65 3-45 4-40 5-41 6-40
	0838	9941	414		20	4	12	0	1-63 2-68 3-35 4-28 5-32 6-32
	0858	9942	415	4148					
	0919	9942	475		20	4	12	0	1-62 2-67 3-39 4-30 5-36 6-36
	0919	9943	476	4183					
	0953	9943	577	4178	20	4	12	0	1-62 2-68 3-38 4-30 5-36 6-36
	0953	9944	578						
	1027	9944	678	4081	20	4	12	0	1-66 2-68 3-36 4-25 5-31 6-34
	1027	9945	679						
	1101	9945	780	4034	20	4	12	0	1-60 2-65 3-42 4-31 5-34 6-30
	1101	9946	781						
	1135	9946	881						

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DFS IV 28 CHANNELSCRUISE RL 2674AREA South China SeaFORMAT: SEGBLINE NO 643LINE TYPE CDPSOURCE AirgunsBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
356	1135	9947C	001	4223	20	4	12	0	1-61 2-72 3-52 4-46 5-45 6-46
	12:08	9947C	101						
	12:08	9948C	102	4225	20	4	12	φ	DT1 65 DT2 74 DT3 55 DT4 48 DT5 45 DT6 41
	12:42	9948C	202						
	12:42	9949C	203	4233	20	4	12	φ	DT1 65 DT2 73 DT3 53 DT4 46 DT5 45 DT6 44
	13:16	9949C	304						
	13:16	9950C	305	4237	20	4	12	φ	DT1 46 DT2 58 DT3 50 DT4 50 DT5 45 DT6 47
	13:49	9950C	405						
	13:49	9951C	406	4247	20	4	12	φ	DT1 47 DT2 58 DT3 51 DT4 52 DT5 44 DT6 41
	14:23	9951C	507						
	14:23	9952C	508	4253	20	4	12	φ	DT1 48 DT2 57 DT3 51 DT4 50 DT5 43 DT6 40
	14:55	9952C	601						
	14:55	9953C	602	4256	20	4	12	φ	DT1 47 DT2 59 DT3 51 DT4 50 DT5 44 DT6 42
	15:29	9953C	704						
	15:29	9954C	705	4266	20	4	12	φ	DT1 46 DT2 58 DT3 51 DT4 50 DT5 44 DT6 38
	16:03	9954C	804						
	16:03	9955C	805	4274	20	4	12	φ	DT1 47 DT2 58 DT3 50 DT4 50 DT5 43 DT6 36
	1627	9955	906						
	1637	9956	907		20	4	12	0	1-36 2-42 3-50 4-53 5-60 6-49

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AND RV'S _____

CRUISE 26-14AREA S CHINA SEALINE NO. 5436LINE TYPE COP SOURCE AIRGUNSDFS IV 1-0 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
356	1711	9956	1009						
	1711	9957	1016		20	4	12	0	1-40 2-44 3-50 4-54 5-59 6-48
	1745	9957	1110						
	1745	9958	1111		20	4	12	0	1-37 2-43 3-49 4-52+ 5-60 6-49
	1804	9958	1162						
	1804	9959	1163						MISSED 1 SHOT TAPE REWOUND
	1838	9959	1264						
	1838	9960	1265		20	4	12	0	1-35 2-42 3-50 4-52+ 5-60 6-48
	1812	9960	1365						
	1912	9961	1366		20	4	12	0	1-40 2-44 3-50 4-52 5-60 6-49
	1946	9961	1467						MISSED 4 SHOTS - TAPE REWOUND
	1946	9962	1468						
	1946	9962	1469						
	1946	9963	1470		20	4	12	0	
	2021	9963	1569						
	2021	9964	1570	4303	20	4	12	0	1-47 2-58 3-49 4-49 5-42 6-36
	2049	9964	1651						
	2049	9963	1652	4303	20	4	12	0	1-46 2-60 3-49 4-48 5-42 6-36
	2122	9965	1751						Gun #2 () FIRING LINE INTERMITTENT.

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AND R/V'S

DFS IV 40 CHANNELSCRUISE RC26-14AREA S CHINA SEAFORMAT: SEG BLINE NO. 643LINE TYPE CDPSOURCE AIRGUNSBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM (M)	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
	2125	9966	1753	4303	20	4	12	0	1-45 2-59 3-49 4-48 5-42 6-35
	2159	9966	1851						
	2159	9967	1852	4304	20	4	12	0	1-45 2-58 3-49 4-48 5-40 6-35
	2231	9967	1851						
	2231	9968	1952	4297	20	4	12	0	1-46 2-58 3-51 4-47 5-35 6-35
	2305	9968	2053						
	2305	9969	2054	4315	20	4	12	0	1-46 2-58 3-50 4-48 5-37 6-36
	2338	9969	2148						
	2338	9970	2149	4311	20	4	12	0	1-47 2-57 3-50 4-47 5-38 6-39
JD357	00:12	9970C	2251						
	00:12	9971C	2252	4308	20	4	12	φ	DT ₁ 48 DT ₂ 58 DT ₃ 50 DT ₄ 48 DT ₅ 35 DT ₆ 35
	00:18	9971C	2256						missed more ten sp TPX-1 problem
	00:18	9972C	2257	4309	20	4	12	φ	DT ₁ 48 DT ₂ 58 DT ₃ 50 DT ₄ 48 DT ₅ 37 DT ₆ 39
	00:52	9972C	2358						
	00:52	9973C	2359	4306	20	4	12	φ	DT ₁ 47 DT ₂ 58 DT ₃ 51 DT ₄ 47 DT ₅ 35 DT ₆ 38
	0103								4 guns on line again
	1:26	9973C	2459						
	1:26	9974C	2460	4303	20	4	12	φ	DT ₁ 46 DT ₂ 58 DT ₃ 50 DT ₄ 45 DT ₅ 45 DT ₆ 37
	2:00	9974C	2561						

R/V CONRAD

AND R/V'S _____

CRUISE RL26-14AREA S CHINA SEALINE NO. 643 644LINE TYPE CDP SOURCE AIRGUNSDFS IV 40 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
23 Dec 85	2:00	9975C	2562	4303	20	4	12	Ø	DT148 DT259 DT350 DT447 DT534 DT638
JD 357	2:34	9975C	2662						
	2:34	9976C	2663	4306	20	4	12	Ø	DT147 DT258 DT350 DT445 DT535 DT639
	3:08	9976C	2764						
	3:08	9977C	2765	4304	20	4	12	Ø	DT147 DT257 DT347 DT447 DT534 DT636
	3:41	9977C	2865						
	3:41	9978C	2866	4302	20	4	12	Ø	DT147 DT258 DT350 DT445 DT535 DT640
	04:15	9978	2967						
	0415	9979	2968		20	4	12	0	1-35 2-35 3-45 4-50 5-60 6-48
	0449	9979	3069						
	0449	9980	3070		20	4	12	0	1-35 2-32 3-45 4-52 5-60 6-48
	0526	9980	3172						
	0526	9981	3173		20	4	12	0	1-35 2-33 3-45 4-54 5-60 6-49
	0557	9981	3270						MISSED 1 SHOT - TAPE REWOUND
	0557	9982	3271						
	0557	9982	3272						MISSED 3 SHOTS - TAPE REWOUND
	0558	9983	3273						
	0635	9983	3375						
	0635	9984	3376		20	4	12	0	1-36 2-31 3-45 4-50 5-60 6-48

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DFS IV 4B CHANNELS

CRUISE 26-14

AREA S. CHINA SEA

FORMAT: SEG-B

LINE NO 643

LINE TYPE COP SOURCE AIRGU

SOURCE AIRGUNS

BFI 1600[illegible]

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AND R/V'S

DFS IV 48 CHANNELSCRUISE RC 26-141AREA S CHINA SEAFORMAT: SEG BLINE NO. 6440LINE TYPE CDPSOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
23 DEC 1985	1153	9993	1	3835	20	4	12	0	1-45 2-57 3-50 4-47 5-42 6-45
JD357	12:28	9993C	102						missed seven S.P., Because TPA-1 light not R/Vent
	12:30	9994C	103	4082	20	4	12	φ	DT ₁ 47 DT ₂ 58 DT ₃ 49 DT ₄ 48 DT ₅ 42 DT ₆ 47
	13:04	9994C	203						
	13:04	9995C	204	4214	20	4	12	φ	DT ₁ 45 DT ₂ 57 DT ₃ 50 DT ₄ 46 DT ₅ 42 DT ₆ 45
	13:38	9995C	304						300 PARITY
	13:38	9996C	305	4239	20	4	12	φ	DT ₁ 45 DT ₂ 59 DT ₃ 50 DT ₄ 48 DT ₅ 43 DT ₆ 48
	14:11	9996C	404						
	14:11	9997C	405	4253	20	4	12	φ	DT ₁ 46 DT ₂ 57 DT ₃ 50 DT ₄ 49 DT ₅ 44 DT ₆ 45
	14:46	9997C	507						489.491. PARITY
	14:46	9998C	508	4265	20	4	12	φ	DT ₁ 45 DT ₂ 57 DT ₃ 50 DT ₄ 47 DT ₅ 41 DT ₆ 45
	15:19	9998C	608						548-549.
	15:19	9999C	609	4258	20	4	12	φ	DT ₁ 46 DT ₂ 57 DT ₃ 50 DT ₄ 49 DT ₅ 44 DT ₆ 45
	15:53	9999C	710						
	15:53	10000C	711	4255	20	4	12	φ	DT ₁ 45 DT ₂ 58 DT ₃ 50 DT ₄ 47 DT ₅ 42 DT ₆ 45
	16:27	10000	811						
	16:27	10001	812		20	4	12	0	1-46 2-43 3-48 4-50 5-59 6-46
	17:01	10001	913						
	17:01	10002	914		20	4	12	0	1-47 2-42 3-50 4-52 5-60 6-48

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DFS IV 40 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO. 644LINE TYPE COP SOURCE AIRGUNSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
357	1735	10002	1015						
	1735	10003	1016		20	4	12	0	1-49 2-45 3-49 4-50 5-60 6-46
	1809	10003	1117						
	1809	10004	1118		20	4	12	0	1-55 2-44 3-46 4-50 5-58 6-47
	1842	10004	1217						
	1842	10005	1218		20	4	12	0	1-54 2-45 3-50 4-52 5-60 6-48
	1916	10005	1319						
	1916	10006	1320		20	4	12	0	1-48 2-44 3-48 4-50 5-60 6-48
	1950	10006	1419						
	1950	10007	1420	4284	20	4	12	0	1-44 2-53 3-57 4-50 5-50 6-47
	2024	10007	1521						
	2024	10008	1522	4275	20	4	12	0	1-48 2-59 3-50 4-46 5-40 6-40
	2056	10008	1619						
	2056	10009	1620	4281	20	4	12	0	1-45 2-59 3-49 4-47 5-43 6-45
	2130	10009	1721						
	2130	10010	1722	4274	20	4	12	0	1-45 2-59 3-50 4-47 5-42 6-47
	2204	10010	1821						2200 Gun #2 OFF (MALFUNCTION)
	2204	10011	1822	4276	20	4	12	0	1-45 2-58 3-48 4-47 5-42 6-43
	2236	10011	1919						

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R/V CONRADAND R/V'S DFS IV 48 CHANNELSCRUISER C26-14AREA S CHINA SEAFORMAT: SEG 8LINE NO. 644LINE TYPE CDP SOURCE BPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
	2236	10012	1920	4272	20	4	12	0	1-45 2-58 3-49 4-47 5-42 6-44
	2310	10012	2021						
	2310	10013	2022	4269	20	4	12	0	1-45 2-58 3-50 4-46 5-42 6-45
	2344	10013	2123						
	2344	10014	2124	4268	20	4	12	0	1-45 2-38 3-50 4-46 5-41 6-43
	0018	10014	2224						
	0018	10015	2225	4256	20	4	12	0	1-45 2-58 3-50 4-47 5-42 6-45
	00:51	10015C	2326						
	00:51	10016C	2327	4270	20	4	12	φ	DT1 45 DT2 57 DT3 47 DT4 48 DT5 43 DT6 47
	1:25	10016C	2427						
	1:25	10017C	2428	4152	20	4	12	φ	DT1 45 DT2 57 DT3 46 DT4 47 DT5 42 DT6 44
	2:00	10017C	2530						
	2:00	10018C	2531	4270	20	4	12	φ	DT1 45 DT2 57 DT3 48 DT4 45 DT5 40 DT6 40
	2:11	10018C	2537						TPX-1 Problem
	2:11	10019C	2538	4270	20	4	12	φ	DT1 44 DT2 57 DT3 49 DT4 47 DT5 42 DT6 41
	2:45	10019C	2639						
	2:45	10020C	2640	4270	20	4	12	φ	DT1 45 DT2 58 DT3 50 DT4 48 DT5 46 DT6 43
	3:12	10020C	2719						MISSED 2 SHOTS — TAPE REWOUND
	3:12	10021C	2720	4261	20	4	12	φ	DT1 45 DT2 58 DT3 49 DT4 47 DT5 40 DT6 45

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CRUISE R626-14AREA S. CHINA SEALINE NO. 664 65LINE TYPE CDPSOURCE AIRGUNSDFS IV 20 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
	0356	10021	2821						
	0356	10022	2822		20	4	12	0	1-48 2-44 3-48 4-50 5-58 6-46
	0419	10022	2922						
	0419	10023	2923		20	4	12	0	1-45 2-45 3-49 4-51 5-60 6-47
	0453	10023	3024						
	0453	10024	3025		20	4	12	0	1-43 2-43 3-47 4-50 5-59 6-48
	0527	10024	3125						
	0527	10025	3126		20	4	12	0	1-46 2-45 3-48 4-52 5-60 6-46
	0601	10025	3227						
	0601	10026	3228		20	4	12	0	1-45 2-43 3-47 4-50 5-58 6-46
	0634	10026	3327						PARITY ERROR ON LAST 4-5 FILES
	0634	10027	3328		20	4	12	0	1-49 2-44 3-45 4-49 5-57 6-47
	0708	10027	3429						
	0708	10028	3430		20	4	12	0	1-57 2-45 3-45 4-50 5-56 6-45
	0742	10028	3530						
	0742	10029	3531		20	4	12	0	1-49 2-44 3-47 4-50 5-60 6-47
	0812	10029	3619						
	0812	10030	3620	4261	20	4	12	0	1-45 2-37 3-49 4-46 5-40 6-42
	0844	10030	3717						

R/V CUNRADAND R/V S —CRUISE RC26-14AREA S CHINA SEALINE NO. 646LINE TYPE CDPSOURCE AIRGUNSDFS IV — CHANNELSFORMAT: SEG BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
358	0844	10031	3718	4238	20	4	12	0	1-44 2-57 3-48 4-45 5-40 6-40
	0918	10031	3816						
	0918	10032	3817	4212	20	4	12	0	1-43 2-57 3-49 4-45 5-42 6-41
	0951	10032	3917						
	0951	10033	3918	3811	20	4	12	0	1-45 2-58 3-48 4-45 5-40 6-47
	1026	10033	4020						
	1026	10034	4021	4164	20	4	12	0	1-45 2-57 3-48 4-47 5-42 6-48
	1058	10034	4118						
	1058	10035	4119	4150	20	4	12	0	1-45 2-58 3-48 4-46 5-42 6-47
	1132	10035	4220						
	1132	10036	4221	4149	20	4	12	0	1-45 2-58 3-49 4-47 5-43 6-48
	12:05	10036C	4320						until 4287 not change 10036
	12:05	10037C	4321	3942	20	4	12	φ	DT146 DT257 DT350 DT447 DT542 DT646
	12:39	10037C	4422						
	12:39	10038C	4423	3991	20	4	12	φ	DT145 DT258 DT349 DT445 DT542 DT650
	13:13	10038C	4523						
	13:13	10039C	4524	3993	20	4	12	φ	DT145 DT258 DT349 DT447 DT541 DT646
	13:47	10039C	4625						
	13:47	10040C	4626	3998	20	4	12	φ	DT146 DT258 DT349 DT449 DT541 DT644

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AND R/V'S.

AREA S. CHINA SEA

LINE TYPE CDP

SOURCE AIRGUNS

DFS IV 40 CHANNELS

FORMAT: SEG-B

BRI 1600

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DFS IV 48 CHANNELSCRUISE 26-14AREA S. CHINA SEAFORMAT: SEG BLINE NO. 645 ⁶⁴⁶LINE TYPE COP SOURCE ARGONSBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
358	1733	10046	001	2933	20	4	12	0	BEGIN LINE 645
	1806	10046	100						
	1806	10047	101	2988	20	4	12	0	1-45 2-47 3-54 4-52 5-61 6-53
	1840	10047	202						
	1840	10048	203	3355	20	4	12	0	1-45 2-47 3-54 4-52 5-60 6-53
	1842	10048	204						MISSED 4 SHOTS - TAPE REWOUND
	1843	10049	205	3355	20	4	12	0	1-45 2-47 3-54 4-52 5-61 6-53
	1916	10049	306						
	1916	10050	307	3936	20	4	12	0	1-45 2-47 3-55 4-52 5-62 6-53
	1948	10050	401						
	1948	10051	402	3989	20	4	12	0	1-44 2-46 3-55 4-54 5-61 6-54
	2022	10051	503	3991					
	2028	10052	540	3991	20	4	12	0	1-53 2-62 3-54 4-54 5-46 6-45
	2102	10052	611						
	2102	10053	612	3991	20	4	12	0	1-51 2-62 3-52 4-54 5-45 6-45
	2136	10053	712						
	2136	10054	713	3977	20	4	12	0	1-50 2-60 3-51 4-54 5-48 6-45
	2209	10054	813						
	2209	10055	814	3988	20	4	12	0	1-50 2-60 3-51 4-54 5-44 6-40

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CRUISER C26-14AREA S CHINA SEALINE NO. 645 646LINE TYPE CDPSOURCE AIRGUNSDFS IV 42 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
358	2243	10055	913						
	2243	10056	914	4099	20	4	12	0	1-49 2-61 3-47 4-49 5-50 6-58
	2317	10056	1016						
	2317	10057	1017	4113	20	4	12	0	1-51 2-60 3-50 4-52 5-44 6-42
	2350	10057	1115						
	2350	10058	1117	4097	20	4	12	0	1-50 2-60 3-50 4-53 5-43 6-44
DD 359	00:24	10058C	1218						
	00:24	10059C	1219	4096	20	4	12	φ	DT152 DT261 DT351 DT452 DT545 DT644
	00:57	10059C	1318						
	00:57	10060C	1319	4110	20	4	12	φ	DT151 DT260 DT352 DT454 DT544 DT642
	1:31	10060C	1418						
	1:31	10061C	1419	4144	20	4	12	φ	DT150 DT261 DT350 DT452 DT543 DT640
	2:04	10061C	1518						
	2:04	10062C	1519	4186	20	4	12	φ	DT152 DT261 DT351 DT453 DT543 DT640
	2:38	10062C	1620						
	2:38	10063C	1621	4185	20	4	12	φ	DT151 DT261 DT350 DT451 DT542 DT640
	3:11	10063C	1720						
	3:11	10064C	1721	4225	20	4	12	φ	DT152 DT260 DT351 DT452 DT540 DT637
	3:45	10064C	1821						

R/V CONRADAND R/V'S CRUISE R126-14AREA S. CHINA SEALINE NO. 645 ⁶⁴⁶LINE TYPE CDP SOURCE AIRGUNSDFS IV 70 CHANNELSFORMAT: SEG-BBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
25 Dec 85	3:45	100650	1822	4245	20	4	12	φ	DT ₁ 52 DT ₂ 61 DT ₃ 50 DT ₄ 50 DT ₅ 40 DT ₆ 35
TD 358	0419	10065	1922						
	0419	10066	1923	4242	20	4	12	0	1-36 2-44 3-54 4-52 5-62 6-53
	0453	10066	20 24						
	0453	10067	20 25	4040	20	4	12	0	1-35 2-42 3-50 4-52 5-59 6-50
	0526	10067	2125						
	0526	10068	2126	4246	20	4	12	0	1-38 2-44 3-50 4-52 5-60 6-48
	0600	10068	2227						
	0600	10069	2228	4240	20	4	12	0	1-35 2-45 3-50 4-50 5-60 6-50
	0634	10069	2328						
	0634	10070	2329	4229	20	4	12	0	1-40 2-43 3-50 4-52 5-60 6-50
	0708	10070	2430						
	0708	10071	2431	4232	20	4	12	0	1-37 2-42 3-50 4-52 5-60 6-49
	0742	10071	2531						
	0742	10072	2532	4218	20	4	12	0	1-40 2-45 3-50 4-53 5-60 6-50
	0815	10072	2631						
	0815	10073	2632	4208	20	4	12	0	1-47 2-57 3-40 4-47 5-42 6-39
	0848	10073	2731						
	0848	10074	2732	4206	20	4	12	0	1-47 2-60 3-50 4-47 5-42 6-39

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CRUISE RC26-14AREA S CHINA SEALINE NO. 645LINE TYPE CDP SOURCE AIRGUNSDFS IV 10 CHANNELSFORMAT: SEG BBPT 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
	0922	10074	2833						
	0922	10075	2834	4203	20	4	12	0	1-47 2-60 3-50 4-48 5-42 6-39
	9:56	10075C	2934						
	9:56	10076C	2935	4203	20	4	12	0	DT1 47 DT2 58 DT3 50 DT4 47 DT5 43 DT6 40
	1030	10076	3037						
	1030	10077	3038	4202	20	4	12	0	1-47 2-57 3-48 4-46 5-38 6-34
	1103	10077	3137						1-
	1103	10078	3138	4203	20	4	12	0	1-46 2-60 3-51 4-47 5-41 6-40
	1137	10078	3239						
	1137	10079	3240	4202	20	4	12	0	1-47 2-58 3-48 4-46 5-41 6-40
	12:11	10079C	3340						
	12:11	10080C	3341	4200	20	4	12	0	DT1 49 DT2 59 DT3 50 DT4 47 DT5 36 DT6 39
	12:45	10080C	3442						
	12:45	10081C	3443	4199	20	4	12	0	DT1 47 DT2 59 DT3 49 DT4 46 DT5 39 DT6 40
	13:18	10081C	3543						
	13:18	10082C	3544	4181	20	4	12	0	DT1 47 DT2 58 DT3 50 DT4 45 DT5 35 DT6 37
	13:52	10082C	3645						
	13:52	10083C	3646	4176	20	4	12	0	DT1 48 DT2 58 DT3 49 DT4 45 DT5 38 DT6 40
	14:26	10083C	3745						

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RV CONRADAND RV'S —CRUISE RL26-14AREA S. CHINA SEALINE NO. 645LINE TYPE CDPSOURCE AIRGUNSDFS IV 48 CHANNELSFORMAT: SEG-BBPI 1600

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS
25 Dec 83	14:26	10084C	3746	4173	20	4	12	φ	DT1 46 DT2 58 DT3 50 DT4 46 DT5 38 DT6 40
TD 359	15:00	10084C	3847						
	15:00	10085C	3848	4171	20	4	12	φ	DT1 46 DT2 59 DT3 50 DT4 45 DT5 32 DT6 37
	15:34	10085C	3948						
	15:34	10086C	3949	4185	20	4	12	φ	DT1 47 DT2 60 DT3 50 DT4 42 DT5 32 DT6 34
	16:07	10086C	4051						
	16:07	10087C	4052	3934	20	4	12	φ	DT1 49 DT2 58 DT3 45 DT4 39 DT5 28 DT6 32
	1641	10087	4152						
	1641	10088	4153	3921	20	4	12	0	1-35 2-25 3-30 4-48 5-60 6-50
	1715	10088	4254						
	1715	10089	4255	3557	20	4	12	0	1-38 2-49 3-59 4-52 5-73 6-68
	1749	10089	4355						
	1749	10090	4356	3170	20	4	12	0	1-40 2-50 3-60 4-53 5-75 6-67
	1823	10090	4457						
	1823	10091	4458	2810	20	4	12	0	1-40 2-53 3-62 4-55 5-74 6-68
	1857	10091	4558						
	1857	10092	4559	2620	20	4	12	0	1-40 2-54 3-60 4-53 5-75 6-67
	1930	10092	4659						
	1930	10093	4660	2376	20	4	12	0	1-40 2-54 3-62 4-52 5-75 6-66

