

MULTICHANNEL LINE LOG

PAGE NO. 1....

CRUISE 2911 LINE 805 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP _____ COP ✓ AIRGUNS 5820 in³ EXPLOSIVES _____

RECEIVING SHIPS CONRAD CHARCOT _____
 NUMBER OF TRACES 96 96 _____
 GROUP SPACING 25 m. 25 m. _____

SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 30 s. _____
 APPROXIMATE SHOT TIME (SEC) _____

SHOT TIME = RECORDED TIME

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>6 NOV JD 311</u>	<u>2302:31</u>	<u>38° 47.664' N</u>	<u>2° 35.045' E</u>	<u>1</u>	<u>4</u>
END LINE	<u>7 NOV 88 JD 312</u>	<u>2106:00</u>	<u>40° 19.523' N</u>	<u>1° 23.062' E</u>	<u>22</u>	<u>5</u>

DISTANCES WHERE APPLICABLE

SHIP	AIRGUN TO 1ST RECEIVER	MINIRANGER TO AIRGUNS	ANTENNA TO 1ST RECEIVER	RADIST TO AIRGUNS	ANTENNA TO 1ST RECEIVER
<u>CONRAD</u>	_____	_____	_____	_____	_____
<u>CHARCOT</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

MULTICHANNEL LINE LOG

PAGE NO. 2

CRUISE 2911 LINE 806 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP NO COP 2 AIRGUNS 5821 in³ EXPLOSIVES NO

RECEIVING SHIPS CONRAD CHARLOT*
 NUMBER OF TRACES 96
 GROUP SPACING 25m.
 *CONRAD ONLY AFTER JD 314 00:20

SHOOTING SHIPS CONRAD
 SHOT INTERVAL 30s.
 APPROXIMATE SHOT TIME (SEC) 01s. 31s.

SHOT TIME = RECORDED TIME

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>JD 313 (8 NOV)</u>	<u>02:40</u>	<u>40° 18' 18.02</u> <u>40° 18' 18.02</u>	<u>01° 18.6067 (GPS)</u>	<u>23</u>	<u>5</u>
END LINE	<u>JD 314 (9 NOV)</u>	<u>06:30:30</u>	<u>41° 13.213</u>	<u>4° 04.637 (DR)</u>	<u>50</u>	<u>8?</u>

DISTANCES WHERE APPLICABLE

SHIP	AIRGUN TO 1ST RECEIVER	MINIRANGER TO AIRGUNS	ANTENNA TO 1ST RECEIVER	RADIST TO AIRGUNS	ANTENNA TO 1ST RECEIVER
<u>CONRAD</u>					
<u>CHARCOT</u>					

MULTICHANNEL LINE LOG

PAGE NO. 3...

CRUISE 2911 LINE 807 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP YES CDP 2 AIRGUNS 5821 m³ EXPLOSIVES NO
ESP
 RECEIVING SHIPS CONRAD (CDP) CHARCOT (ESP) _____
 NUMBER OF TRACES 96 _____
 GROUP SPACING 25 m _____

SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 60 SEC _____
 APPROXIMATE SHOT TIME (SEC) 0 SEC _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
JD 314						
START LINE	<u>9 NOV 88</u>	<u>1003Z</u>	<u>41° 11.4' N</u>	<u>04° 01.7' E</u>	<u>51</u>	<u>05</u>
END LINE	<u>9 NOV 88</u>	<u>1601:01</u>	<u>40° 59.173' N</u>	<u>3° 28.098' E</u>	<u>53</u>	<u>5</u>

DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 4....

CRUISE 2911 LINE 808 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP _____ COP 3 AIRGUNS 5821 in³ EXPLOSIVES —
 RECEIVING SHIPS CONRAD CITARCOT * _____
 NUMBER OF TRACES 96 96 _____
 GROUP SPACING 25 m 25 m _____
 * CONRAD TO CONRAD ONLY FROM JD 315 22:15
 SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 30 sec _____
 APPROXIMATE SHOT TIME (SEC) 0 _____
30
 DATE _____ TIME GMT _____
 LATITUDE _____ LONGITUDE _____ DATATAPE NO. _____ LOGTAPE NO. _____
 START LINE JD 315 (11/10/88) 04:18:29 41° 29.52 03° 30.161' (GPS) 54 5
 END LINE JD 316 (11/11/88) 04:00:01 39° 48.515 03° 37.450 (GPS) 77 5

DISTANCES WHERE APPLICABLE

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

PAGE NO. 3

	<u>CONRAD</u>	<u>CHARCOT</u>		
RECEIVING SHIPS				
NUMBER OF TRACES	<u>96</u>	<u>96</u>		
GROUP SPACING	<u>25m</u>	<u>25m</u>		
SHOOTING SHIPS	<u>CONRAD</u>			
SHOT INTERVAL	<u>60</u>			
APPROXIMATE SHOT TIME (SEC)	<u>0</u>			

SHOT TIME = RECORDED TIME

DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
JD 316 11/11/88	104159	40° 01.518'	03° 09.679'	77	35
START LINE	21:56:01	39° 37.279'	2° 07' 02.6"	82	5
END(COP) JD 316 11/11/88	22:16:01				
END LINE	23:16:01				
END(ESD) JD 316 12 NOV 88					

last shot;
not recording
since 2156:01

DISTANCES WHERE APPLICABLE

last shot;
not recording /
since 2156:01
however,
due to system
failure.

SHIP	AIRGUN TO <u>1ST RECEIVER</u>	MINIRANGER TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>	^D RADIST TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>
_____	_____ 	_____ 	_____ 	_____ 	_____
_____	_____ 	_____ 	_____ 	_____ 	_____
_____	_____ 	_____ 	_____ 	_____ 	_____
_____	_____ 	_____ 	_____ 	_____ 	_____
_____	_____ 	_____ 	_____ 	_____ 	_____

MULTICHANNEL LINE LOG

PAGE NO. 6...

CRUISE 2911 LINE 810 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP _____ COP 4 AIRGUNS 10 EXPLOSIVES _____
 ESP _____

RECEIVING SHIPS CONRAD CHARLOT _____
 NUMBER OF TRACES 96 96 _____
 GROUP SPACING 25m 25m _____
NOT RELOADING

SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 60s _____
 APPROXIMATE SHOT TIME (SEC) 102 _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>JD 317/12 NOV</u>	<u>12.25.02</u> ^{Guns}	<u>~40° 25.103'</u>	<u>~01° 47.018'</u>	<u>88</u>	<u>6</u>
END LINE	<u>JD 318/13 NOV</u>	<u>0012.02</u>	<u>40° 44.972'</u>	<u>02° 54.045'</u>	<u>—</u>	<u>6</u>

12 NOV 88 1930 Z PSEUDO TIME BREAK VIA RELAY 6 CLOSURE.
 DISTANCES WHERE APPLICABLE

15 RECORD TRUE T/B 15 RECORDED TIME + 66 MILLISEC.

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

MULTICHANNEL LINE LOG

PAGE NO. 7...

CRUISE 2911 LINE 811 NUMBER OF SHIPS 1 THIS SHIP Conrad
 CDP _____ COP _____ AIRGUNS 10 (5821 in³) EXPLOSIVES _____

RECEIVING ~~GEOPHONES~~ GEOPHONES IN SPAIN (S1 and S2)

NUMBER OF TRACES

GROUP SPACING

SHOOTING SHIPS

SHOT INTERVAL

APPROXIMATE SHOT
TIME (SEC)

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>JD 318 (13 NOV)</u>	<u>02 34 02</u>	<u>40 51.172</u>	<u>2 53.347</u>	<u> </u>	<u> </u>
END LINE	<u>JD 318 (13 NOV)</u>	<u>07 20 02</u>	<u>41 05.609</u>	<u>2 46.326</u>	<u> </u>	<u> </u>

NOTE SHOT TIME (TIMEBREAK) IS RECORDED TIME + 66mSEC
 DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 8....

CRUISE 2911 LINE 812 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP _____ ~~OSP~~ ESP 5 AIRGUNS 10 EXPLOSIVES _____
 ESP
 RECEIVING SHIPS CONRAD CHARCOT
 NUMBER OF TRACES NOT
 GROUP SPACING RECORDING
 SHOOTING SHIPS CONRAD
 SHOT INTERVAL 60 S
 APPROXIMATE SHOT TIME (SEC) _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	SP DATATAPE NO.	LOGTAPE NO.
START LINE	<u>10318 (13 NOV)</u>	<u>13:01:08</u>	<u>41° 24.932</u>	<u>2° 35.785</u>	<u>14122</u>	<u>6</u>
END LINE	<u>10319 (14 NOV)</u>	<u>00:18:01</u>	<u>41° 00.778</u>	<u>1° 29.346</u>	<u>14799</u>	<u>6</u>

NOTE SHOT TIME (TIME BREAK) IS RECORDED TIME + 66 msec
 DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 9...

CRUISE 2911 LINE 813 NUMBER OF SHIPS 1 THIS SHIP CONRAD
 CDP ✓ COP _____ AIRGUNS 10/5821 in³ EXPLOSIVES _____

RECEIVING SHIPS CONRAD _____
 NUMBER OF TRACES 96 _____
 GROUP SPACING 25m _____

SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 70m _____
 APPROXIMATE SHOT TIME (SEC) 30 _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
DAY	<u>319</u>					
START LINE	<u>319</u> <u>853</u>	<u>0538</u>	<u>40 44.719 N</u>	<u>01 14.669 E</u>	<u>83</u>	<u>6</u>
END LINE	<u>319</u>	<u>120631</u>	<u>40 26.243 N</u>	<u>00 49 653 E</u>	<u>95</u>	<u>7</u>

NOTE (SHOTTIME) TIME REAR IS RECORDED TIME + 66m SEC
 DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 10...

CRUISE 2911 LINE 814 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP V COP ESP 6 AIRGUNS 10 5821 in³ EXPLOSIVES —

RECEIVING SHIPS	<u>CONRAD</u>	<u>CHARCOT</u>		
NUMBER OF TRACES	<u>96</u>	<u>96</u>	<u>—</u>	<u>—</u>
GROUP SPACING	<u>25m</u>	<u>25m</u>	<u>—</u>	<u>—</u>

SHOOTING SHIPS	<u>CONRAD.</u>			
SHOT INTERVAL	<u>60s</u>	<u>—</u>	<u>—</u>	<u>—</u>
APPROXIMATE SHOT TIME (SEC)	<u>101</u>	<u>—</u>	<u>—</u>	<u>—</u>

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
	<u>30319 (14th NOV)</u>					
START LINE	<u>30319</u>	<u>13.14:02</u>	<u>40° 28.063</u>	<u>0° 48.659</u>	<u>96</u>	<u>6</u>
END LINE	<u>30320</u>	<u>01:18:01</u>	<u>41° 05.702</u>	<u>01° 43.497</u>	<u>101</u>	<u>6</u>

NOTE SHOT TIME (TIME BREAK) IS RECORDED TIME + 66m SEC
 DISTANCES WHERE APPLICABLE

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

PAGE NO. 11...

TIME (SEC)	NOTE	TIME GMT	LATITUDE	LONGITUDE	DATA NO.	LOG NO.
	NOT TIME (TIME BREAK) IS RECORDED TIME + 66 M SEC					
START LINE	JD 320 (15 NOV 1958)	02:04:01	41° 05.353	01° 46.085	102	6
END LINE	JD 300	23:22:31	39° 40.478	01° 10.912	130	7

DISTANCES WHERE APPLICABLE

[illegible]

PAGE NO. 12

DISTANCES WHERE APPLICABLE

[illegible]

SHIP	AIRGUN TO <u>1ST RECEIVER</u>	MINIRANGER TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>	RADIST TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

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

THIS SHIP CONRAD

AIRGUNS 10 (5821 cu. in.)

EXPLOSIVES ~~_____~~

CONRAD

CHARCOT

96

96

25m

25m

CONRAD

305

01 - 31

SHOT TIME TIME BREAK IS RECORDING TIME TO MIN SEC
DATE TIME LATITUDE LONGITUDE DE

JD 323 18 NOV
1988

● 2224:01

41° 01.810 N

$$\cos^2 31.387^\circ$$

188

7.

JD 324 19 NOV
1988

03:48

41° 12.2466 N

02° 00' . 4745 E (Gps)

193

7

* 03:19

CHARCOT at the end point, starts the turn

DISTANCES WHERE APPLICABLE

AIRGUN
TO
1ST RECEIVER

MINIRANGER
TO
AIRGUNS

ANTENNA
TO
1ST RECEIVER

RADIST
TO
AIRGUNS

ANTENNA
TO
1ST RECEIVER

[The page contains several horizontal lines, likely representing redacted information or a placeholder for a signature.]

MULTICHANNEL LINE LOG

PAGE NO. 17...

CRUISE 2911 LINE 821 NUMBER OF SHIPS 2 THIS SHIP CONRAD
 CDP V COP V COP 7 AIRGUNS 10 (5821m³) EXPLOSIVES —

RECEIVING SHIPS CONRAD CHARCOT — —
 NUMBER OF TRACES 96 96 — —
 GROUP SPACING 25m 25m — —

SHOOTING SHIPS CONRAD — — —
 SHOT INTERVAL 30s — — —
 APPROXIMATE SHOT TIME (SEC) 01-31s — — —

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>JD 324 (19 NOV. 86)</u>	<u>03:50</u>	<u>41° 12.2466 N</u> (GPS)	<u>02° 00.4745 E</u>	<u>194</u>	<u>7</u>
END LINE	<u>JD 324 (19 NOV)</u>	<u>22:17</u>	<u>39° 50.412 N</u>	<u>002° 39.064 E</u>	<u>210</u>	<u>7</u>

DISTANCES WHERE APPLICABLE

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

ANTENNA
TO
1ST RECEIVER

MULTICHANNEL LINE LOG

PAGE NO. 19.

CRUISE RC 2911LINE 823NUMBER OF SHIPS 1THIS SHIP CONRADCDP ✓

COP _____

AIRGUNS 10 [5821 in³]

EXPLOSIVES _____

RECEIVING SHIPS

CONRAD

NUMBER OF TRACES

96

GROUP SPACING

25m

SHOOTING SHIPS

CONRAD

SHOT INTERVAL

~~24~~ 24 sec
+ changed to 23 secAPPROXIMATE SHOT
TIME (SEC)

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>327/22nd Nov '88</u>	<u>10:51 54</u>	<u>35° 45.713' N</u>	<u>01° 56.745' E</u>	<u>231</u>	<u>11</u>
END LINE	<u>328/23rd Nov '88</u>	<u>02:35 00</u>	<u>36° 46.799</u>	<u>02° 23.864 E</u>	<u>252</u>	<u>12</u>

DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 20...

CRUISE RC 2911 LINE 824 NUMBER OF SHIPS 1 THIS SHIP CONRAD
 CDP ✓ COP _____ AIRGUNS 10 (5821 in³) EXPLOSIVES _____
COP 6.

RECEIVING SHIPS CONRAD _____ _____ _____
 NUMBER OF TRACES 96 _____ _____ _____
 GROUP SPACING 25m _____ _____ _____

SHOOTING SHIPS CONRAD _____ _____ _____
 SHOT INTERVAL 23 secs. _____ _____ _____
 APPROXIMATE SHOT TIME (SEC) _____ _____ _____ _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>328/23rd Nov '88</u>	<u>02 36 49</u>	<u>36° 46 903 N</u>	<u>2° 23.990 E</u>	<u>253</u>	<u>12</u>
END LINE	<u>329/24th Nov '88</u>	<u>02 15 45</u>	<u>35° 19.343 N</u>	<u>3° 11.308 E</u>	<u>286</u>	<u>13</u>

DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO 21....

CRUISE 2911 LINE 825 NUMBER OF SHIPS 1 THIS SHIP CONRAD
 CDP ✓ COP 07 COP _____ AIRGUNS 10 (5821 in³) EXPLOSIVES _____

RECEIVING SHIPS CONRAD _____
 NUMBER OF TRACES 96 _____
 GROUP SPACING 25m _____
 SHOOTING SHIPS CONRAD _____
 SHOT INTERVAL 23 secs _____
 APPROXIMATE SHOT TIME (SEC) _____

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>329/294</u> <u>NOV 88</u>	<u>021745</u>	<u>35° 19' 20"</u>	<u>3° 11' 20"</u>	<u>187</u>	<u>13</u>
ABORT END LINE	<u>329</u>	<u>0645</u>	<u>33° 35' 51"</u>	<u>3° 19' 870</u>	<u>292/294?</u>	<u>13</u>

DISTANCES WHERE APPLICABLE

↗
 restarted for a
 shot while again.

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

PAGE NO. 22...

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

MULTICHANNEL LINE LOG

PAGE NO 23...CRUISE RC 2911LINE 925/COP8NUMBER OF SHIPS 1THIS SHIP CONRADCDP ✓COP AIRGUNS 10 [SSA1:3]EXPLOSIVES

RECEIVING SHIPS

CONRAD

NUMBER OF TRACES

96

GROUP SPACING

25m

SHOOTING SHIPS

CONRAD

SHOT INTERVAL

30W/10134ZHere => 23 secs.APPROXIMATE SHOT
TIME (SEC)

DATE

TIME
GMT

LATITUDE

LONGITUDE

DATATAPE
NO.LOGTAPE
NOSTART LINE SD 331/26 NOV 880035Z36° 42.330' N3° 52' 6.74" E31715END LINE SD 331/26 NOV 88062336° 34.569' N4° 21.417" E32415

DISTANCES WHERE APPLICABLE

SHIP

AIRGUN
TO
1ST RECEIVERMINIRANGER
TO
AIRGUNSANTENNA
TO
1ST RECEIVERRADIST
TO
AIRGUNSANTENNA
TO
1ST RECEIVER

MULTICHANNEL LINE LOG

PAGE NO. 24CRUISE 2911LINE 827/KOP9NUMBER OF SHIPS 1THIS SHIP CONRADCDP ✓

COP _____

AIRGUNS 10 (5821 & 3)

EXPLOSIVES _____

RECEIVING SHIPS

CONRAD

NUMBER OF TRACES

96

GROUP SPACING

25m

SHOOTING SHIPS

CONRAD

SHOT INTERVAL

23 secsAPPROXIMATE SHOT
TIME (SEC)

	DATE	TIME GMT	LATITUDE	LONGITUDE	DATATAPE NO.	LOGTAPE NO.
START LINE	<u>331/26 NOV 88</u>	<u>0625</u>	<u>36 34.489 N</u>	<u>4° 21.591' E</u>	<u>325</u>	<u>15</u>
END LINE	<u>332/27 NOV 88</u>	<u>0100</u>	<u>35° 12.422 N</u>	<u>4° 23.341' E</u>	<u>347</u>	<u>16</u>

DISTANCES WHERE APPLICABLE

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

MULTICHANNEL LINE LOG

PAGE NO. 35..

CRUISE RC 2911LINE 828NUMBER OF SHIPS 1THIS SHIP CONRADCDP ✓~~CDP~~ CDP10AIRGUNS 10 (5821 in³)

EXPLOSIVES _____

RECEIVING SHIPS

CONRAD

NUMBER OF TRACES

96

GROUP SPACING

25m

SHOOTING SHIPS

CONRAD

SHOT INTERVAL

23 SECSAPPROXIMATE SHOT
TIME (SEC)

DATE

TIME
GMT

LATITUDE

LONGITUDE

DATATAPE
NO.LOGTAPE
NOSTART LINE 332/17th Nov 880130Z35° 11.443' N04° 23.828' W34816END LINE 333/27th Nov 881552Z36° 05.929' N05° 00.745' W36516DISTANCES WHERE APPLICABLE

SHIP

AIRGUN
TO
1ST RECEIVERMINIRANGER
TO
AIRGUNSANTENNA
TO
1ST RECEIVERRADIST
TO
AIRGUNSANTENNA
TO
1ST RECEIVER_____

PAGE NO. 26

RECEIVING SHIPS	<u>CONRAD</u>	_____	_____	_____
NUMBER OF TRACES	<u>96</u>	_____	_____	_____
GROUP SPACING	<u>25m</u>	_____	_____	_____
SHOOTING SHIPS	<u>CONRAD</u>	_____	_____	_____
SHOT INTERVAL	<u>235</u>	_____	_____	_____
APPROXIMATE SHOT TIME (SEC)	_____	_____	_____	_____

TIME (SEC)	DATE	TIME GMT	LATITUDE	LONGITUDE	DATA TAPE NO.	LOG TAPE NO.
START LINE	332/27 th Nov 1982	16:22:44	N 36 04.685	W 5 03.322	366	76 ⁹
END LINE	333 ID	164000	N 35 46.855	W 6 58.087	395	7

SHIP	AIRGUN TO <u>1ST RECEIVER</u>	MINIRANGER TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>	RADIST TO <u>AIRGUNS</u>	ANTENNA TO <u>1ST RECEIVER</u>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

RECORDING LOG

PAGE NO. 1

RV COMBATAND RV'S CHARLOTCRUISE 2911AREA GULF OF VALENCIALINE NO 405LINE TYPE COPSOURCE 10 Gun Array 5800 in³DFS IV 96 CHANNELSFORMAT SEG VBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP SP COUNT	TAPE DRIVE	COMMENTS
311	2302:31	1	1	750	30	4	20	Ø	5	A	(tail) START LINE 805 DT: 32/32/31/26/24/22/24/23/20/x START TAPE 2 124/30/19 (5800 in 3) (head)
6 NOV				750							GUN 4 and 10 misfiring, GUN 6 OFF
	2314	1	20							↓	Cable failure → restart. missed ~2 shots
	2314:30								28	A	back online recording.
	2315									↓	Gun 2 misfiring
	2342:02	1								↓	"Nav Black incomplete", Recording failure missed 3 shots
	2344:02	1	76							A	no incrementing, SP's continued all shots appear to be SP Ø "Nav Black" errors
	2350	1									Array appears to be misfiring badly (all but 2 & 5)
	2353	1									recording failure missed 1 shot.
	2353:32	1	92								resume recording seismic.
	2355	1	93								seismic system failure missed 1 or 2 shots.
	2356	2	93								resume recording seismic; "nav black" errors till
	2359:30	1								↓	NO shot
30312	0001:00	1	102							↓	Resumed shooting, but still trouble w/shot sync.
7 NOV	0010:01	1	122		30	4	20	Ø	140	A	END TAPE 1
	0010:31	2	122	750	30	4	20	Ø	141	B	START DT: (head) 30/30/29/27/25/24/27/29/18/x/32/30/29
	0015:00	2									Full source w/ 5821 in ³ . Improved shot sync. due to board replacement.
	0016:02	2	134						151	B	SP incrementation OK again.
	0053:30	2							226		failure in recording system

RECORDING LOG

PAGE NO. 2

R/U CONRAD

AND R/V'S CHARCOT

CRUISE 2911

AREA G. OF VALENCIA

LINE NO 805

LINE TYPE COP

SOURCE 10 GUNS 5821 in³

DFS IV 96 CHANNELS

FORMAT: SEGY

BFI 6250

[illegible]

RECORDING LOG

PAGE NO. 3R/V CONRADAND R/V'S CHARCOTCRUISE 2911AREA VALENIALINE NO. 805LINE TYPE COP 1SOURCE 10 A/G 5821 m³DFS XU 96 CHANNELSFORMAT: SEG YBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
312	024800	4	413		30	4	20	0	455	B	Normal firing
7 Nov	032400	4	438						527	B	EOT 31/31/21/26/24/21/2/23/x/25/21/18
022430	032430	5	486	N900	"	"	"	0	528	A	Start new tape
	0333700		511						553	A	Gun #3 off line (leaking)
	042430		606						648	A	EOT
	042500	6	607	N860	"	"	"	"	649	B	Start new tape
	052220		722						764	B	Gun #3 back on line
	052500	6	727						769	B	EOT 31/31/25/27/24/23/24/20/x/27/22/20
	052530	7	728	N660	"	"	"	"	770	A	Start new tape
	062530	7	845		"	"	"	"	890	A	EOT 31/31/28/26/23/24/25/27/x/30/27/24
	062600	8	849	307	"	"	"	"	891	B	Start new tape
	072602	8	969						1011	B	EOT 31/32/31/28/26/25/25/23/x/24/19/17
	072632	9	970	190	"	"	"	"	1012	A	0734.7 Gun 6 OFF FOR REPAIR. Start new tape
	0758	9								A	Reduced shot volume (Gun 6 still off)
	0758:30	9								A	Normal shot volume (Gun 6 still off)
	0822:10	9								A	Shot vol. reduced (3816) (Guns 7,8 also early)
	0822:54	9								A	normal shot vol (Gun 6 off still)
	08:26:3	9	1090						1132	A	EOT 31/32/32/29/28/25/26/26/x/24/18/18
	08:27:0	10	1091	615					1133	B	Start new tape

PAGE NO. 4

AND R/V'S CHARCO T

DFS IV 96 CHANNELS

AREA VALENCIA

FORMAT: SEG-Y

LINE TYPE COP 1

SOURCE IO GUN ARRAY 5821 in³

BPI 6250

[illegible]

RECORDING LOG

PAGE NO. 5R/V CONRADAND R/V'S CHARGOTDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG YLINE NO. 805LINE TYPE COP 4SOURCE 10 GUN ARRAY 5821 in³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP Count	Tape Driver	COMMENTS
312	13:44				30	4	20	0	Gun no 8	off line	
	13:45								Gun no 8	Back on line	
	13:48								Gun no 7	off line	
	13:49								Gun no 7	Back on line	
	13:55								Gun array misfiring repeatedly av. vol ≈ 4100 in ³		
	14:2932	15	1816	1605	"	"	"	"	1858	A	DT's tail EOT 31/32/33/30/29/26/27/28/33/X 34/32/29 ^{head}
	14:3002	16	1817	1605	"	"	"	"	1859	B	New tape started
	15:3002	16	1937	1620	"	"	"	"	1979	B	EOT 31/32/33/31/30/28/31/28/XX 33/31/29
	15:3032	17	1938	1620	"	"	"	"	1980	A	New tape started
	16:3032	17	2058	1565	"	"	"	"	2100	A	EOT 32/33/34/31/29/28/51/28/XX 32/30/27
	16:3102	18	2059	1565	"	"	"	"	2101	B	New tape started
	17:3101	18	2179	1460	"	"	"	"	2221	B	EOT 32/33/34/30/29/28/31/28/29/X 31/29/26
	17:3131	19	2180	1460	"	"	"	"	2222	A	New tape started
	18:3131	19	2300	1385	"	"	"	"	2342	A	DT's tail EOT 30/32/31/29/28/27/30/28/XX 34/32/31 ^{head}
	18:3201	20	2301	1385	"	"	"	"	2343	B	New tape started
	19:3203	20	2421	1155	"	"	"	"	2463	B	DT's (tail) Tape crumpled at start \Rightarrow may have damaged sensor EOT 31/33/35/32/31/30/31/29/33/X/32/30/28 ^{data}
	19:3233	21	2422	1155	"	"	"	"	2464	A	Start tape Cleaned drive B
	20:3233	21	2542	860					2584	A	DT's 31/33/35/31/30/29/31/28/33/X/34/33/32 (head) EOT
	20:3303	22	2543	860					2585	B	Start tape

RECORDING LOG

PAGE NO.

R/V CONRAD

AND R/V'S CHARLOT

CRUISE 2911

AREA VALENCIA

LINE NO. 805

LINE TYPE COP1 SOURCE 10 GUN ARRAY 5821 in³

DFS IV 26 CHANNELS

FORMAT: SEB ✓

BPI 6250

[illegible]

RECORDING LOG

PAGE NO. 7.....R/V CONRADAND R/V'S CHARCOTDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG YLINE NO. 806LINE TYPE COP 2 SOURCE 10 GUNS 5821 in³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH EX m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS (tail) (head)
313	02:42:00	23	2610	580m	30	04	20	0	2654	A	SOL 806 DT: 32/35/32/30/29/28/32/30/35/X/37/36/34 START TAPE
8 NOV	03:42:31	23	2731						2775	A	EOT
	03:43:00	24	2732	870	"	"	"	"	2778	B	start tape DT: 30/29/31/29/28/27/25/30/X/29/29/28
	04:40:30	"	2846						2891		Shut a compressor, Reduced pressure in gun
	04:43:31	"	2851						2896	B	EOT 29/30/31/30/29/27/28/24/27/X/23/22/20
	04:44:00	25	2852						2897		missed recording 1st shot
	04:44:30	25	2853	1380	"	"	"	"	2898	A	
	04:49:30	26	2863						2904		Gun #1 & #10 off to increase pressure
	05:11:31		2908						2953		" " " back on line, pressure is up
	05:44:30	25	2973						3018	A	EOT
	05:44:30	26	2974	1400m	"	"	"	"	3019	B	start tape dt 30/29/30/30/29/27/31/29/32/X/26/25/23
	06:45:30	26	3094						3139	B	EOT Tape was tangled upon loading
	06:45:00	27	3095	1525	"	"	"	"	3140	A	start tape dt 30/30/30/31/30/29/30/28/30/X/27/25/22
	07:45:01	27	3215						3260	A	EOT 30/29/31/29/28/28/31/29/32/X/29/26/23
	07:45:31	28	3216	1570m	"	"	"	"	3261	B	start new tape.
	08:45:31	28	3336						3381	B	EOT
	08:46:01	29	3337	1650m	"	"	"	"	3382	A	New Tape 29/29/30/29/27/27/30/30/35/X/33/33/34
	09:46:01	29	3457						3502	A	EOT 30/28/27/26/25/25/28/26/27/X/26/27/28
	09:46:31	30	3458	1730m	"	"	"	"	3503	B	New Tape

RECORDING LOG

PAGE NO. 8R/V CONRADAND R/V'S CHARCOTDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG XLINE NO 806LINE TYPE COP 2SOURCE 10 GUNS 5821 in³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
313	10:46:31	30	3578		30	4	20	0	3623	B	EOT (tail) (run)
8 NOV	10:47:01	31	3579	1790	"	"	"	"	3624	A	New tape started 30/30/32/31/30/28/30/21/32/X/28/24/
	11:47:00	31	3699						3744	A	EOT
	11:47:30	32	3700	1815	"	"	"	"	3745	B	New tape started 31/30/32/21/31/29/32/30/28/31/29/24
	12:47:30	32	3820						3865	B	EOT
	12:48:00	33	3821	approx 1950	"	"	"	"	3866	A	1330 MONITOR 741 SEC. 56.147 New tape starts 29/28/30/29/28/26/28/25/X/21/20/2
	13:48:01	33	3941		"	"	"	"	3986	A	EOT IB2 000B 0027 message
	13:48:31	34	3942	1840	"	"	"	"	3987	B	new tape started 30/30/31/29/29/24/24/25/X/22/2
	14:48:31	34	4062		"	"	"	"	4107	B	EOT
	14:49:01	35	4063	1770	"	"	"	"	4108	A	new tape starts 30/29/30/29/28/27/28/25/27/X/23/19/18
	15:49:01	35	4183		"	"	"	"	4228	A	EOT
	15:49:31	36	4184	1615					4229	B	new tape starts 30/29/30/29/28/27/30/28/31/X/29/28/26
	16:49:31	36	4304						4349	B	EOT IB2 000B 0027 message
	16:50:01	37	4305	1935	"	"	"	"	4350	A	tape start DT: 30/29/30/29/28/27/30/29/32/X/30/30/29
	17:50:00	37	4425		"	"	"	"	4470	A	EOT Tape error 002
	17:50:30	38	4426	2035	"	"	"	"	4471	B	tape start DT: 30/30/31/30/29/28/31/29/32/X/3/28/26
	18:50:30	38	4546						4591	B	EOT
	18:51:00	39	4547	2055					4592	A	tape start DT: 30/30/32/30/30/29/31/28/31/X/28/27/24
	19:51:01	39	4667						4712	A	EOT

RECORDING LOG

PAGE NO. 9RV CONRADAND RV'S CHARCOTCRUISE 2911AREA VALENCIALINE NO. 806LINE TYPE COP 2SOURCE 10 GUNS 5821 in³DFS IV 46 CHANNELSFORMAT: SEG 7BPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH SP m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS (tail)
313	195131	40	4668	2200 2200	30	4	20	Ø	4713	B	START DT's 29/29/32/31/31/29/31/28/31/X/29/30/27
8 NOV	205131	40	4788						4833	B	EOT
	205201	41	4789	2310	30	4	20	Ø	4834	A	START DT's: 29/29/30/31/28/29/29/28/29/X/25/25/25
	215201	41	4909						4954	A	EOT
	215231	42	4910	2237	30	4	20	Ø	4955	B	START DT's 30/29/34/31/29/30/30/31/X/24/24/23
	225231	42	5030						5075	B	EOT
	225301	43	5031	2245	30	4	20	Ø	5076	A	START DT's 30/29/32/31/30/29/32/31/38/X/31/31/28
	235300	43	5151						5196	A	EOT
	235330	44	5152	2260	30	4	20	Ø	5197	B	START DT's 30/29/31/30/30/29/30/27/30/X/29/31/31
314	002000	44	5206						5297	B	END OF COP 9. CONRAD CONTINUES ALONG
9 NOV	005330	44	5272						5317	B	EOT
	005400	45	5273		30	4	20	Ø	5318	A	START DT's 30/29/31/30/30/29/31/29/31/X/26/26/25
	015430	45	5393						5438	A	EOT
	015500	46	5394	2353	"	"	"	"	5439	B	START DT 30/29/31/29/28/29/30/27/29/X/25/26/26
	025431	46	5514						5559	B	EOT
	025501	47	5515	2375	"	"	"	"	5560	A	START DT 30/29/31/30/30/30/33/32/34/X/31/31/28
	035501	47	5635						5680	A	EOT
	035531	48	5636	2400	"	"	"	"	5681	B	START DT 30/30/32/31/30/30/32/31/30/X/26/27
	045531	48	5756						5801	B	EOT

RECORDING LOG

PAGE NO. 10

R/V CONRAD

AND R/V'S CHARCOT

DFS IV 96 CHANNELS

CRUISE 2911

AREA G. & VALENCIA

FORMAT: SEG 7

LINE NO 406

LINE TYPE Cop 2

SOURCE 10 GUNS 5821m³

BPI 6250[illegible]

PAGE NO. 11

AND R/V'S CHARCOT

DFS IV 96 CHANNELS

AREA VALENCIA

FORMAT: St.G. y

LINE TYPE ESP

SOURCE 10 GUNS 5821 m³

BPI 6250[illegible]

RECORDING LOG

PAGE NO. 12

RV CONRADAND RV'S CHARCOTCRUISE 2911AREA VALENCIALINE NO. 808LINE TYPE COP 3SOURCE 10 GUNS 5821 in³DFS IV 96 CHANNELSFORMAT: SEG 4BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FA m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP Count	TAPE DRIVE	COMMENTS
315 10 NOV.	04:18:29	54	2971	570 1320	30	4	20	0	6619 7469	A B	TD 30/26/30/28/24/27/30/32/39/31/29/30/31 SOL 808 COP 3 (SP 6619-7468 WERE NOT RECORDED)
315	04:46:00		3026						7524		Charcot returns recording line 805 after deck synchronization was made.
	05:29:01	54	3094						7592	B	EOT
	05:20:30	55	3095		"	"	"	"	7593	A	TD 29/26/30/29/28/27/29/26/28/26/28/29 start tape
	06:19:00	55	3212						7710	A	EOT switched tape deck due to many tape
	06:19:30	56	3213		"	"	"	"	7711	B	start tape TD 127/30/28/30/31/29/31 31/30/30/28/28 error
	07:20:30	56	3335						7833	B	EOT
	07:21:00	57	3336	1355	"	"	"	"	7834	A	start new Tape 32/32/31/30/28/29/32/30/31/22/31/22/29.
	08:22:01	57	3458						7956	A	EOT TE001 at Charcot IF 2.
	08:24:01	58	3459	1350	"	"	"	"	7960	B	start new Tape (lost 3 SP at Charcot) 32/33/32/31/30/29/28/27/30/29/28/26
	09:24:31	58	3580						8081	B	EOT
	09:25:01	59	3581	1435	"	"	"	"	8082	A	start New Tape 31/31/30/29/28/24/26/29/31/24/24/26/27
	10:25:31	59	3702						8203	A	EOT
	10:26:01	60	3702	1525	"	"	"	"	8204	B	New Tape Start 31/31/30/29/28/27/29/27/29/28/26/27/24.
	11:26:31	60	3824						8325	B	EOT
	11:27:01	61	3825	1535	"	"	"	"	8326	A	New Tape Start 32/33/33/31/30/28/30/29/30/31/29/30/29
	12:27:30	61	3946						8447	A	EOT

RECORDING LOG

PAGE NO. 13

RV CONRADAND RV'S CHARCOTDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG-YLINE NO. 808LINE TYPE COP3SOURCE 10 GUNS 5821 in³BPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
315 10 NOV	122800	62	3947	1710	30	4	20	0	8448	B	New TARE STARTED. 30/31/30/34/28/27/29/27/28/29/28/30/2
	132830	62	4068	22470	"	"	"	"	8569	B	EOT Message I82 000B 0027
	132930	63	4069	2295	"	"	"	"	8570	A	N.T. started 31/32/30/29/28/27/30/27/29/30/29/31/
	133500		MESSAGE								I82 000B 0027
	142931	63	4190		"	"	"	"	8691	A	EOT Message LINE 808 (COP3) RTU ADDRESS
	143000	64	4191	2285	"	"	"	"	8692	B	New tape started 32/32/30/29/27/25/26/24/23/21/21/22/
	153031	64	4312		"	"	"	"	8813	B	EOT Message LINE 808
	153101	65	4313	2235	"	"	"	"	8814	A	N.T. started 31/32/29/29/28/27/27/24/26/25/25/25/2
	163131	65	4434		"	"	"	"	8935	A	EOT
	163201	66	4435	2164	"	"	"	"	8936	B	Start TE. 001 (tail) Tape DTs: 31/31/29/29/28/27/29/26/28/28/27/26/21 (head)
	173231	66	4556		"	"	"	"	9057	B	EOT
	173301	67	4557	2040	"	"	"	"	9058	A	N.T. started 31/32/30/29/26/23/25/22/x/16/15/16/16
	183331	67	4678		"	"	"	"	9179	A	EOT
	183401	68	4679	2115	"	"	"	"	9180	B	TE. 001 N.T. started 31/31/30/28/27/26/29/24/x/23/20/19/18
	193430	68	4800						9301	B	EOT
	193500	69	4801	1665	"	"	"	"	9302	A	Start Tape DTs: 31/32/31/30/30/29/32/31/x/28/24/21/16 (head)
	203531	69	4922						9423	A	EOT TAPE ERROR 01 on SP 9423
	203601	70	4923	1335	"	"	"	"	9424	B	Start tape error 01 on SP 9424 Tape DTs: 31/30/30/29/27/26/29/26/x/26/24/25/24
	2116	70	5003						9501	B	gun 8 not firing (540 in ³)

RECORDING LOG

PAGE NO. 14...

RV CONRADAND RV'S CHARLOTCRUISE 2911AREA VALENCIALINE NO. 508LINE TYPE COP 3SOURCE 10 Guns 5821 in³DFS IV 96 CHANNELSFORMAT: SEGYBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	Drive	COMMENTS
315	2136:31	70	5044	1040	30	4	20	0	9545	B	EOT
10 NOV	2137:01	71	5045	1040	"	"	"	"	9546	A	DT's 32/32/31/30/29/26/30/28/x/31/30/30/29 Begin Tape
	2147	71	5061		"	"	"	"	9562	A	Gun 6 OFF (825 in ³)
	2215	71	5122	935	"	"	"	"	9623	A	END OF COP 3, continue COP
	2237:31	71	5166						9667	A	EOT
	2238:01	72	5167	9805	"	"	"	"	9668	B	start tape Bad tape TE 103, SC PP 1
	2240:31	72	5172						9673	B	may have lost 6 SP's forced end of tape
	2241:01	73	5173	713	"	"	"	"	9674	A	start tape TE 001 DT's 31/31/30/29/28/26/29/25/x/23/22/21/21
	2315:00	73	5241						9742	A	Gun 6 ON (825 in ³)
	2341:31	73	5293						9794	A	EOT
	2342:01	74	5294	~190	"	"	"	"	9795	B	start DT's 31/31/30/29/28/26/29/26/x/24/23/23/24 tape TE 001
	2356:31	74	5324	150					9825	B	Sono #2 launched
316 11 Nov.	0012:31	74								B	Gun 8 ON (540 in ³)
	0042:01	74	5415						9916	B	TE 001
	0043:31	74	5416						9917	B	EOT
	0043:01	75	5417	114	"	"	"	"	9918	A	start DT's 32/32/30/30/29/26/29/27/x/25/23/24/23 tape
	0043:30	75	5538						10039	A	EOT
	0044:00	76	5539	90	"	"	"	"	10040	B	start tape DT's 31/32/31/31/30/29/31/28/x/27/26/27/25
	0215:01	76	5601						10102	B	END SB #2

PAGE NO.. 15 ..

AND R/V'S CHARCOT

DFS IV 96 CHANNELS

AREA VALENCIA

FORMAT: SEG 4

LINE TYPE Cop 3

SOURCE 10 GUNS 5821 cm³

BPI 6250[illegible]

RECORDING LOG

PAGE NO. 16

R/V CONRAD

AND R/V'S CHARCOT

CRUISE 2911

AREA VALENCIA

LINE NO 809

LINE TYPE ESP 3

SOURCE 10 A/G 5821m³

DFS IV 96 CHANNELS

FORMAT: SEG Y

BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	DRIVE	COMMENTS
316	1042:59	78	5693	~300m	60	4	20	0	11103	A	SOL New Tape 28/25/17/14/12/11/27/24/23/24/21/28
11 NOV.	11:15:00										ESP started 1115
	12:50:01	78	5814						11230	A	EOT IF 087.
	12:51:01	79	5815	~90m	"	"	"	"	11231	B	Start New Tape 27/22/14/14/13/14/28/25/25/27/31/36
	13:00										MISSED 3 SHOTS
	13:21:01										MISSED 2 SHOTS
	13:52:0										MISSED 1 SHOT
	14:36:01	Message DMA 40A 4032 4840 4840 2933 4083 9952 // BAD CAN 413 MISSED SHOTS									
	17:20:01	80	5907	12m	60	4	20	0	11500	A	UNTIL Restart system
	19:18:0	80	6027						11618	A	EOT AS 410 IF 004 cable parity, DC offset.
	19:19:01	81	6028	12290	"	"	"	"	11619	B	Start tape DT's 30/27/18/9/7/7/24/23/X/19/21/24/28
	21:19:01	81	6148						11739	B	EOT AS 410 2 (cable parity, DC offset)
	21:19:02	82	6149	121					11740	A	Start tape DT's 31/31/20/21/17/13/29/24/X/22/24/27/28
	21:35:01	82	6164						11755	A	Tape ERROR 47
	21:51:01	82	6175						11770	A	System down missed 4 shots
	21:55:01	82	6180						11775	A	System up
	21:56	82	6181	END CDP LINE					11776	A	System down Recovery fail ENOCOP LINE
	21:57	82	6182	→					11777	A	shots not Recorded, operating as normal ^{shots extended}
	23:16			END ESP 3 LINE 809.							

RECORDING LOG

PAGE NO. 17

R/V CONRAD

AND R/U' S _____

CRUISE 2911

AREA VALENCIA

LINE NO 813

LINE TYPE CDP 2 SOURCE 10 Guns 5821 in' array

DFS IV 96 CHANNELS

FORMAT: SEG 4

BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SD COUNT	DRIVE	COMMENTS
											WE HAVENOT BEEN RECORDING ON DSS240 SINCE 12 NOV DUE TO STREAMER PROBLEMS SEE ALSO LAB LOG
310	0538:22	83	6182	105	30	4	20	0	15001	A	SOL SPR SET TO 15000 DUE TO PREVIOUS UNRECORDED SHOTS. ALSO NEW NAV LOG TAPE #7
14 NOV	0620	83	6265	114					15084	A	C/C → 237
	0638	83	?						?	A	STEADY ON COURSE 237°
	0641:01	83	6307						15126	A	EOT. NO TAPE 84, 85, 86 OR 87.
	0648:30	88	6312	114	"	"	"	"	15142	A	start DT: 33/37/43/33/33/36/36/34/38/40/41/34/31 tape missed 15 shots.
	0751:01	88	6437						15266	A	EOT NO TAPE 89, 90 OR 91
	0753:31	92	~6440	101	"	"	"	"	15274	A	start DT: 33/37/43/32/32/35/35/33/37/35/37/29/26 tape missed 8 shots.
	1000:31										DT: 31/34/40/32/35/34/38/33/23/34/33/32/29/28
	0857:31	92	6568						15399	A	EOT
	0858:01	93	6569	80	"	"	"	"	15400	B	start DT's: 33/37/43/32/33/35/35/33/37/35/32/27/26 tape
	1000:31	93	6694						15525	B	EOT
	1001:01	94	6695	74	"	"	"	"	15526	A	start DT's 33/37/45/37/33/35/32/35/35/39/32/30 tape
	1103:31	94	6820						15651	A	EOT
	1104:01	95	6821	68	"	"	"	"	15652	B	start DT's: 30/35/41/32/33/33/34/32/35/34/32/30/28 tape
	1206:31	95	6946						15777	B	EOT END LINE 813

PAGE NO. 18...

DFS IV 96 CHANNELS
FORMAT: SEG-Y
BPI 6250

[illegible]

RECORDING LOG

PAGE NO. 19

R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG yLINE NO. 815LINE TYPE CDP 3SOURCE 10 GUNS 5821³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
320 15 NOV 1988	02:04:01	102	6947	172	30	4	20	0	16627	B	EOT
	03:06:01	102	7072						16752	B	EOT TO 31/32/34/25/16/10/30/31/34/35/35/25/24 start tape
	03:06:31	103	7073	460	"	"	"	"	16753	A	start tape
	02:06 on										CONTINUOUS C/C to avoid obstacles and traffic.
	03:20	103	7101						16781	A	Date logger hung-up
	03:41	103									Reboot computer, New date logger tape
	03:58:30	103	7177						16875	A	Logger tape get running again
	04:09:31	103	7198						16878	A	EOT
	04:10:00	104	7199	665m	"	"	"	"	16879	B	start tape TO 31/37/43/33/32/33/35/33/34/33/32/32/3
	04:12	104	7203						16883	B	on Back on original course 165° for Line 815
	05:12:31	104	7324		*				17004	B	EOT
	05:13:00	105	7325	925	"	"	"	"	17005	A	start tape 30/35/40/32/31/32/35/33/35/36/35/29/25
	06:15:31	105	7450						17130	A	EOT
	06:16:01	106	7451		"	"	"	"	17131	B	start tape TO 28/34/39/32/31/31/34/31/33/36/34/25/25
	06:20:31	106	7460						17140	B	Switched Tape driver after TE 099 appeared in track shot
	06:21:00	107	7461		"	"	"	"	17141	A	start tape
	07:23:31	107	7586	1340					17266	A	EOT
	07:24:01	108	7587	1340	"	"	"	"	17267	B	start tape 29/33/37/31/30/30/34/32/37/32/31/27/24
	08:26:31	108	7712						17392	B	EOT

RECORDING LOG

PAGE NO. 20...

R/U CONRAD

AND R/V' S _____

DFS IV 96 CHANNELS

CRUISE 2911

AREA VALENCIA

FORMAT: SEG-Y

LINE NO 815

LINE TYPE UDP 3

SOURCE 10 GUNS 5821 in³

BFI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
320	82701	109	7713	1468	30	4	20	Ø	17393	A	New Tape Started 30/34/40/33/32/31/36/34/36/33/34/27/2.
15TH NOV 88	92930	109	7838						17518	A	EOT
	93000	110	7839	~1500	"	"	"	"	17519	B	New Tape Started 29/33/36/31/29/28/33/30/32/32/30/26/22
	103230	110	7964						17644	B	EOT
	103300	111	7965	1575	"	"	"	"	17645	A	Start Tape TE025 TE003 29/33/35/34/28/27/33/30/30/29/29/24/3.
	11-3531	111	8090						17770	A	EOT
	113601	112	8091	1585	"	"	"	"	17771	B	Start Tape 29/33/35/36/28/27/33/30/34/28/27/24/22
	123831	112	8216						17896	B	EOT
	123901	113	8217	1585	"	"	"	"	17897	A	Start Tape 30/33/37/31/30/29/35/32/33/30/30/26/24
	13:41:31	113	8342		"	"	"	"	18022	A	EOT
	13:42:01	114	8343	1544	"	"	"	"	18023	B	TE041 ST 31/35/38/31/30/30/34/32/34/32/35/27/24
	14:44:31	114	8468		"	"	"	"	18148	B	EOT Message xxx xxx
	14:45:01	115	8469	1425	"	"	"	"	18149	A	ST 29/33/37/31/29/29/34/32/34/32/34/29/25
	15:18:00	115	8535						18215	A	EOT Lost of tape sequence NO MORE 116, 117 118, 119, 120
	15:20:30	120	8540						18220	B	ST 30/34/38/33/31/30/35/32/33/32/32/27/24
	15:52:30	121	8604						18284	B	EOT
	15:53:00	122	8605						18285	A	ST 30/38/36/31/29/28/34/32/32/32/31/26/24
	16:25:01	122	8669						18349	A	Early EOT
	16:25:31	123	8670						18350	B	

RECORDING LOG

PAGE NO. 21...

R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEGYLINE NO 815LINE TYPE CDP 3SOURCE 10 GUNS 5821 in³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	DRIVE	COMMENTS
320	16:57:31	123	8734		30	4	20	φ	φ18414	B	End of tape early
15th NOV 1989	16:58:01	124	8735	1325	"	"	"	"	φ18415	A	Start tape 31/34/37/31/30/30/31/32/32/32/31/26/24
	17:30:01	124	8799		"	"	"	"	φ18479	A	End of tape early
	17:30:31	125	8800	1360	"	"	"	"	φ18480	B	Start tape 29/35/35/30/29/34/34/32/33/32/26/23 TE φ φ 1
	18:03	125	8864	1340	"	"	"	"	18544	B	SHUT DOWN SYSTEM FOR PC-BOOT.
	18:14	126	8865	1325	30	4	20	φ	18567	B	RESTART AFTER PC-BOOT Missed 24 shots.
	19:12:31	126	8990		"	"	"	"	18692	B	EOT
	19:13:01	127							18693		PRIVE OFF LINE - MISSED SHOT
	19:13:31	127	8991	1382	"	"	"	"	18694	A	start DT's 31/32/35/30/29/29/34/30/32/31/30/25/23 tape
	20:16:01	127	9116		"	"	"	"	18819	A	EOT
	20:16:31	128	9117	1334	"	"	"	"	18820	B	start DT's 29/32/35/30/30/29/34/31/32/31/30/25/22 tape
	21:19:00	128	9242						18945	B	EOT
	21:19:30	129	9243	1378	"	"	"	"	18946	A	start DT's 29/33/38/32/29/28/32/31/31/3/34/25/22 tape
	22:26:01	129	9368						19071	A	EOT TELEMETRY FAULT (I82 EOB 2027)
	22:26:31	130	9369	1384	"	"	"	"	19072	B	start DT's 29/33/34/32/34/29/34/31/32/24/31/27/22 tape
	23:22:31	130	9481						19184	B	EOT EOL 815 FIRED 3 SHOTS AFTEREDL TO EMPTY GUNS

RECORDING LOG

PAGE NO. 22...

R/U CONRAD

AND R/V'S CHARLOT

CRUISE 2911

AREA VALENCIA

LINE NO 816

LINE TYPE ESP 7 SOURCE 10 Guns 5821 in³

DFS IV 96 CHANNELS

FORMAT: SEGY

BFI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
2032100	19:00	131	8866	1350	60	4	20	Ø	19121	A	(tail) SOL 816 DT 30/35/40/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/

RECORDING LOG

PAGE NO. 23

R/V CONRADAND R/V'S CRUISE 2911AREA VALENCIALINE NO. 817LINE TYPE COPSOURCE 10 AIR GUNS 5821 in³DFS IV 96 CHANNELSFORMAT: SEG YBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
											(missed out Tape 137!) SOL 817
321	12:23:00	138	8865	~120	30	24	20	Ø	19948	B	Start tape 33/37/40/35/35/24/34/32/74/35/37/30/26
16TH NOV 88	12:29										Guns 1, 3 and 5 not firing
	12:31										All Guns firing again except no 1 12:35
	13:24:31	138	8990		"	"	"	"	20073	B	EOT
	13:25:01	139	8991	315	"	"	"	"	20074	A	ST 29/33/40/35/33/28/34/31/33/34/33/28/24 TE 001
	13:38:01										Gun 1 on line
	14:29:00	139	9116						20199	A	EOT
	14:29:30	140	9117		"	"	"	"	20204	B	ST 72/31/30/25/18/22/24/24/30/32
	15:31:00										missed records 15:31:00 to 15:34:31Z
	15:35:01	140	9243	780	30	4	20	Ø	20325	B	EOT
	15:36:30	141	9244	779	"	"	"	"	20335	A	ST
	16:37:30	141	9368						20459	A	EOT
	16:38:00	142	9369		"	"	"	"	20460	B	ST 28/34/40/32/35/29/34/31/33/34/35/29/26
	17:40:31	142	9494						20585	B	EOT
	17:41:01	143	9495		"	"	"	"	20586	A	ST 24/31/42/36/31/29/34/32/34/34/34/28/25
	17:45			SP	Ø20	162					GUN NO 1 OFF LINE
	17:50			SP	Ø20	167					GUN NO 1 ON LINE
Extended	1843:31	143	9620						20711	A	EOT
	1844:01	144	9621		"	"	"	"	20712	B	ST 28/33/40/35/34/29/34/32/34/34/34/29/26

PAGE NO. 24

AND R/U' S _____

AREA VALENCIA

LINE TYPE CDP

SOURCE 10 AIRGUNS J821 in 3

DFS IV 96 CHANNELS

FORMAT: SEG Y

BPI 6250[illegible]

RECORDING LOG

PAGE NO. 25...

R/V CONRADAND R/V'S CHARCOTCRUISE 2911AREA VALENCIALINE NO 818LINE TYPE COP 4SOURCE 10 AIRGUNS 5821 m³DFS IV 96 CHANNELSFORMAT: SEG 7BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
322	11:18	149	0151?		30	4	20	0	21242	A	Start Tape 30/34/33/37/37/30/35/32/27/28/30/30
17TH NOV 83	11:43:30	149	151	~600	"	"	"	"	21293	A	ReBooting system - Start Tape again ^{29/34/41/36/36/35/35/32/27/28/30/28}
	12:46:01	149	276				"	"	21417	A	EOT
	12:46:31	150	277	872	"	"	"	"	21418	B	Start Tape 28/33/39/34/33/28/34/32/00/26/27/28/27
	13:49:01	150	402		"	"	"	"	21543	B	EOT
	13:49:31	151	403	1085	"	"	"	"	21544	A	ST 30/35/40/36/36/30/35/33/36/29/30/31/31
	14:52:31	152	529	1160	"	"	"	"	21670	B	ST 31/36/42/35/32/28/35/33/34/29/31/37/33
	15:55:01	152	654						21795	B	EOT
	17:15:31	153	655	1293	"	"	"	"	21796	A	ST 30/36/43/34/35/29/35/33/35/28/28/30/30 TEΦΦ2
	1	153	780						21921	A	EOT
	17:06:01	158	791	1297	"	"	"	"	21937	A	ST/30/37/35/35/33/28/34/32/34/27/28/30/31
	18:08:31	158	916						22062	A	EOT
	18:09:01	159	917	1255	"	"	"	"	22063	B	ST 29/35/39/36/36/30/36/36/40/31/32/33/33 TEΦΦ
	19:11:31	159	1042						22188	B	EOT
	19:12:01	160	1043	1058	"	"	"	"	22189	A	ST 32/32/45/34/37/31/35/34/37/30/30/30/29
	20:14:31	160	1168						22314	A	EOT
	20:15:01	161	1169	984	"	"	"	"	22315	B	ST 30/35/42/36/35/29/35/34/37/30/30/31/30
	21:17:31	161	1294						22440	B	EOT
	21:18:01	162	1295	630	"	"	"	"	22441	A	ST 29/33/40/36/35/39/36/34/39/30/30/29/29

RECORDING LOG

PAGE NO. 26...

R/V CONRAD

AND R/V'S CHARLOT

CRUISE 2911

AREA VALENCIA

LINE NO 318

LINE TYPE COPY

SOURCE 10 AIR GUNS 5821 W.M.

DFS IV 96 CHANNELS

FORMAT: SEE Y

BPI 6250[illegible]

RECORDING LOG

PAGE NO. 27.

R/V CENRADAND R/V'S CHARLOTCRUISE 2911AREA VALENCIALINE NO 819LINE TYPE COP 5SOURCE 10 Air Guns 5821 com.DFS IV 96 CHANNELSFORMAT: SEGYBPI 625

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH 50 m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
323	0027	165			30	4	20	0		B	SOL-ST 34/35/39/33/33/30/36/32/30/28/27/26/2
18 NOV	002731	165	151	94	30	4	20	0	22820	B	AS 0040
1988	002801		152							B	BAD TB AS 0040
	002831	165	153						022822	B	Start tape Recording O.K
	01:2801	165	276						22945	B	EOT
	01:2831	166	277	85	"	"	"	"	22946	A	Start tape 27/32/36/31/30/27/33/32/31/28/29/28/26
	01:3001	"	282	88					22951	A	Gun # 5 (760 m ³) back on line (war off since 23:30)
	02:33:00	166	402						23071	A	EOT
	02:33:30	167	403	78	"	"	"	"	23072	B	Start tape 29/31/37/32/30/28/34/32/32/27/32/31/30
	03:34:01	167	528						23197	B	EOT 30/33/41/33/32/28/34/32/32/27/31/30/29
	03:34:31	168	529	75	"	"	"	"	23198	A	Start tape
	04:30	168	634						23303	A	EOT changed tape because of noisy TE
	04:31	169	635	72	"	"	"	"	23304	B	Start tape
	04:33	169	643						23312	B	also show TE = 097
	04:34	170	644	68	"	"	"	"	23313	A	Start tape
	05:37:00	170	769						23438	A	EOT
	05:37:30	171	770	73	"	"	"	"	23439	B	ST 29/34/40/33/33/30/34/32/32/27/31/30/29
	06:39:30	171	895						23564	B	EOT
	06:40:00	172	896		"	"	"	"	23565	A	ST

RECORDING LOG

PAGE NO. 28

RV CONRADAND RV'S ChartDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG YLINE NO. 819LINE TYPE COP 5SOURCE 10 August 5821 m³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
323	06:42:00	172	900		30	4	20	0	23569	A	TAPE off - GIVES TE 097 for every shot
18 NOV 1988	06:42:30	173	901	75	"	"	"	"	23570	B	Start tape 0730 Firing at 1500 p.s.
	07:43:01	173	1026						23695	B	EOT 0755 Firing at 172.5 p.s.
	07:43:31	174	1027	72	"	"	"	"	23696	BA	Start tape 29/34/38/33/33/30/35/33/34/30/32/31/30.
	08:45:01	174	1152						23821	A	EOT Time is 2 mins behind GMT
	08:46:31	175	1153	72	"	"	"	"	23822	B	Start tape 29/34/38/33/32/29/34/32/32/29/30/29/27
	09:51:01	175	1278						23947	B	EOT
	09:51:31	176	1279	74	"	"	"	"	23948	A	Start tape 28/33/32/25/29/26/27/20/23/25/23/23/24
	10:54:00	176	1404						24073	A	EOT
	10:54:30	177	1405	75	"	"	"	"	24074	B	ST 29/33/35/26/29/25/25/24/30/29/30/25/26
	11:57:01	177	1530						24199	B	EOT
	11:57:31	178	1531	75	"	"	"	"	24200	A	ST 29/33/30/22/25/24/27/27/30/28/27/24/24
	12:59:51	178	1655						24324	A	EOT
	13:00:01	179	1656	77	"	"	"	"	24325	B	ST 29/35/33/24/24/25/28/26/29/28/28/26/24
	13:33:01	→ 13:34:01			Missed shots			SP	24391-24392-24393		F 1722-1723-1724
	13:45:31	→ 13:47:01			Missed shots			SD	24419-24422		F 1755-1758
	14:07:31	179	1782						24460	B	EOT
	14:08:01	180	1783	77	"	"	"	"	24461	A	ST 28/33/32/24/28/25/28/27/31/29/30/24/23
	14:15:31	→ 14:17:01			Missed shots			SP	024476-24479		

RECORDING LOG

PAGE NO. 29

R/V CONRAD

AND R/V'S CHARCOT

DFS IV 90 CHANNELS

CRUISE 2911

AREA VALENCIA

FORMAT: SEE-Y

LINE NO. 819

LINE TYPE COP 5

SOURCE 10 AIRGUN 5821 iu3

BPI 6270

[illegible]

RECORDING LOG

PAGE NO. 36

R/U CONTRA

AND R/V'S CHARLOT

CRUISE 294

AREA VALENCIA

LINE NO. ~~819~~ 820

LINE TYPE CSP 6

SOURCE 10 Aki Gung 5821 w.m.

DFS IV 96 CHANNELS

FORMAT: SEG 4

BFI 6250

[illegible]

RECORDING LOG

PAGE NO. 51

RV CONRADAND RV'S CHARCOTDFS IV 46 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEGYLINE NO 821LINE TYPE COP 7SOURCE 10 GUNS 5821 m³BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
324	03:50:30	194	2754	60	30	4	20	0	26106	A	ST SOL 821 (COP 7)
19 NOV. 1988	04:46	194	2865						26217	A	Both ships finished turn and are on line
	0453	194	2879						26231	A	EOT
	0453:30	195	2880		"	"	"	"	26232	B	ST 33/36/44/33/32/28/29/32/32/31/31/29/28
	0556	195	3005						26357	B	EOT
	0556:30	196	3006		"	"	"	"	26358	A	ST 32/36/43/33/32/29/30/32/33/31/32/30/28
	06:59	196	3131						26483	A	EOT
	06:59:3	197	3132	1009	"	"	"	"	26484	B	ST 32/37/42/33/33/29/30/32/35/31/35/31/30
	0802:30	197	3257						26610	B	EOT
	0803:20	198	3258	1280	"	"	"	"	26611	A	ST 30/30/19/30/31/28/29/30/31/31/30/31/30/28
	090501	198	3383						26735	A	EOT
	090531	199	3384	1475	"	"	"	"	26736	B	ST 31/31/28/31/31/27/29/30/30/30/28/28/25
	100801	199	3509						26861	B	EOT
	100831	200	3510	1515	"	"	"	"	26862	A	ST 32/32/26/28/27/25/29/33/34/32/34/32/32
											FILE 3513 445 COM DOWN 60 SEC CLK
	11:20-25										Missed 5 shots due to Telerec failure in the Streamer.
	114801	200	3635						26993	A	EOT
	114901	201	3636	1776	"	"	"	"	26994	B	ST 31/33/31/31/31/28/34/32/32/30/29/26/23
	1210										Resumed to 30 sec Pop rate

RECORDING LOG

PAGE NO. 34

R/V CONRADAND R/V'S CHARCOTDFS IV 96 CHANNELSCRUISE 2911AREA VALENCIAFORMAT: SEG 7LINE NO 821LINE TYPE COP 7 SOURCE 10 GUNBPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
324	130631	201	3761		30	4	20	0	27124	B	EOT
KNOW 1988	130731	202	3762	1905	"	"	"	"	27125	A	ST 31/32/33/30/30/27/33/30/28/27/26/23/23/
	140931	202	3887						27250	A	EOT
	141001	203	3888	1892	"	"	"	"	27251	B	ST 32/33/33/33/33/29/34/31/28/27/24/21/21 TE00
	151231	203	4013						27376	B	EOT
	151300	204	4014	1832	"	"	"	"	27377	A	ST 32/34/32/31/31/28/34/33/33/30/30/26/24
	161601	205	4139						27508	A	EOT
	161631	205	4140	1785	"	"	"	"	27509	B	ST 32/33/31/30/31/29/34/32/29/28/27/22/20 TE02
	1625?										STREAMER FAILURE MISSED 27526-41
	1713:31										lost 4 shots SP 027618 to 027622
	17:24:00	205	4265		"	"	"	"	27642	B	EOT
	17:24:30	206	4266	1745	"	"	"	"	27643	A	ST 31/33/33/31/31/28/33/30/28/26/23/19/27
	18:35:30	206	4391						27784	A	EOT
	18:40:00	207	4392						27785	B	ST 32/32/30/33/30/27/33/30/29/28/27/22/20
	18:01:31										Streamers Failure missed SP's 27717 to 27721
	18:15:30										Streamers Failure missed SP's 27750 - 27757
	18:30:										Streamers Failure - Recovered SP 27776 F4383
	18:34										Streamers Failure MASS Comp Down
	18:36										Streamers Recovered MASS Comp Down

RECORDING LOG

PAGE NO. 33

R/V CONRADAND R/V'S CHARLOTDFS IV 96 CHANNELSCRUISE 2911AREA G. VALENCIAFORMAT: SEGYLINE NO 821LINE TYPE COP7SOURCE 10 AIRGUN 5821 mmsBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH #M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	COMMENTS		
324	1840								Data Logger Tape #8		
19 NOV 88	1843								masscomp back on line All OK, Times Restored		
									SP COUNT	TAPE DRIVE	
	1927	207			30	4	20	0	27883	B	EOT STREAMER FAILURE
	1928								27888	B	STREAMER Recovery 5 shots lost
	1944:30									B	streamer failure
	1946:31		4516						027925	B	streamer recovery 5 shots lost
	1947:00										streamer failure
	1949:31		4517						27931		streamer recovery 5 shots lost
	1949:31	207							27931	B	EOT
	1948:01	208	4518	1500					27932	A	ST 38/34/33/34/34/30/36/33/33/29/29/2
											Time on navigation is wrong ²⁴
											real time is 1950:01
	2003:00										streamer failure
	2004:31		4543						0000		streamer recovery 5 shots lost
	2005:01	208	4544						27961		lab ok
	2054:31	208	4643						28060	A	EOT
	2055:01	209	4644	1259					28061	B	ST 32/34/33/32/31/27/31/33/30/29/29/26/24
	2157:31	209	4769						28186	B	EOT

RECORDING LOG

PAGE NO. 34

R/V CONRAD

AND R/V'S CHARLOT

CRUISE 2911

AREA VALENCIA

LINE NO. 824

LINE TYPE COP 7

SOURCE 10 Añ Gong 5821 Cw.ñ.

DFS IV 96 CHANNELS

FORMAT: SEG 4

BPI 6250[illegible]

RECORDING LOG

PAGE NO. 35

R/V CONRADAND R/V'S ChancetDFS IV 96 CHANNELSCRUISE 2911AREA G. of ValenciaFORMAT: SEG YLINE NO 822LINE TYPE COP 8SOURCE Air Guns 5821 cmBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
324	225201	211	2754	70	60	4	20	0	28621	B	SOL 822 COP 8 60 sec Pop Time
19 Nov 88	230401	211	2766	75	30	"	"	"	28274	"	33/34/31/31/29/28/35/33/34/31/33/31/28
	—	—	—	—	—	—	—	—	—	—	↖ Change to 30 sec Pop time
325	000031	211	2879						28389	B	EOT
20 Nov	000101	212	2880		30	"	"	"	28390	A	ST TE pop with new tape
	—	—	—	—	—	—	—	—	—	—	38/33/31/31/29/27/34/34/32/29/30/28/27
	001330	212	2904						28414	A	EOT Abnormal-
	001830	223	2915						28425	A	ST No tapes from 213 to 222
	—	—	—	—	—	—	—	—	—	—	9 shots lost
	012100	223	3040						28550		EOT
	012130	224	3041		"	"	"	"	28551	B	ST WHITES ON 1600 BPI!
	012630	224	3051						28561	B	Change to A
	012700	225	3052	102	"	"	"	"	28562	A	ST 31/33/30/29/29/26/31/33/35/31/34/33/33
	032931	225	3177						28687	A	EOT
	023000	226	3178	109	"	"	"	"	28688	B	ST ↑
	033231	226	3303						28813	B	EOT 31/32/30/30/30/27/31/32/32/31/34/32/32
	033333	227	3304	123	"	"	"	"	28814	A	ST 32/35/33/32/31/27/30/30/29/29/29/27/26
	043931	227	3429						28939	A	ET
	043601	228	3430		"	"	"	"	28940	B	ST 32/32/30/30/28/25/29/31/30/29/29/28/28

RECORDING LOG

PAGE NO. 53

R/V CONRAD

AND R/V'S CHARCOT

DFS IV 96 CHANNELS

CRUISE 2911

AREA GULF OF VALENCIA

FORMAT: SEG-X

LINE NO 822

LINE TYPE COP 8

SOURCE 10 AIRGUN ARRAY [582 in³]

BFI 6250[illegible]

RECORDING LOG

PAGE NO. 57

R/V CONRADAND R/V'S DFS IV 96 CHANNELSCRUISE RC 2911AREA ALBORAN SEAFORMAT: SEG YLINE NO 823LINE TYPE COP 5SOURCE 10 AIR GUNS [9821 m³]BPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
327/	1051	231	3777	920	24	4	20	0	229211	A	SOL - XPT A F/N 3777, 80, 81 No. 76
22ND NOV '88	114032	231	3904	1385m	24				29417	A	EOT
	114055	232	3905	1385	29	4	20	0	29418	B	SOT
	123308	232	4030	2292m	29				29549	B	EOT
	123326	233	4031	2292	29	4	20	0	29550	A	SOT ^{CABLE DEPTHS} 38 29 33 34 33 30 36 36 36 34 38 38
	132121	233	4156	1698					29675	A	EOT
	132144	234	4157	1698	23	4	20	0	29676	B	SOT ^(CABLE DEPTHS) 32 28 33 33 33 31 35 34 34 34 36 34
	140940	234	4282	1760	23	4	20	0	29801	B	EOT
	141003	235	4283	1760	23	4	20	0	29802	A	SOT ^(C. DEPTHS) 32 30 33 34 32 30 35 35 36 35 32 36
	145758	235	4408	1958	23	4	20	0	29927	A	EOT 1603 TM FAILURE 7 SHOTS MISSED
	145821	236	4409	1958	23	4	20	0	29928	B	SOT ^(C. DEPTHS) 31, 28, 33, 34, 34, 31, 36, 34, 33, 34, 36, 35
	154634	236	4534	1955	23	4	20	0	30060	B	EOT 1508 TM FAILURE 6 SHOTS MISSED
	154702	237	4535	1955	23	4	20	0	30061	A	SOT ^(C. DEPTHS m.s) 31, 28, 32, 32, 28, 27, 34, 32, 32, 30, 31, 30
	163409	237	4660	1285	23	4	20	0	30191	A	EOT
	163932	238	4661	1285	23	4	20	0	30192	B	SOT 1708 SP430529 SYS DOWN RECOVER 030266
	1731	238	4786	1892	23	4	20	0	30323	B	EOT
	1732	239	4787	1892	23	4	20	0	30324	A	SOT 31 28 32 31 31 29 33 29 32 19 26 25
	1820	239	4912	1900	23	4	20	0	30460	A	EOT
	1821	240	4913	1900	23	4	20	0	30461	B	SOT 31, 28, 31, 32, 30, 28, 33, 29, 26, 23, 24, 21

RECORDING LOG

PAGE NO. 8

R/V CONRAD

AND R/V'S

DFS IV 96 CHANNELSCRUISE RC 2911AREA ALBORAN SEAFORMAT: SEG VLINE NO. 823LINE TYPE CDP 5SOURCE 10 AIR GUNS [5821 in³]BPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
327/22 Nov 1988	19 09 23	240	5032	1440	23	4	20	Ø	30586	B	EOT
	19 09 26	241	5039	1440	23	4	20	Ø	30587	A	TEL FAILURE SP 030690 16.42.55. COMMENCED SP 030694 SOT 31, 28, 32, 34, 32, 29, 35, 33, 33, 28, 30, 23
	19 57 42	241	5164	1385	23	4	20	Ø	30715	A	EOT
	19 58 06	242	5165	1385	23	4	20	Ø	30716	B	SOT 3027, 32, 31, 33, 31, 35, 32, 30, 28, 29, 2
	20 48 21	242	5290	1219	23	4	20	Ø	30841	B	EOT
	20 48 44	243	5291	1219	23	4	20	Ø	30842	A	TEL FAILURE SP 030690 21.18.38. STARTED SP 030925 SOT 30, 27, 32, 33, 32, 29, 34, 32, 29, 26, 22, 20
	21 37 02	243	5416	984	23	4	20	Ø	30971	A	EOT
	21 37 25	244	5417	984	23	4	20	Ø	30972	B	TEL FAILURE SP 31060 STARTED 31067 SOT 32 29 33 31 31 29 30 33 32 26 21 11
	22 26 52	244	5542	460	23	4	20	Ø	31101	B	EOT
	22 27 15	245	5543	460	23	4	20	Ø	31102	A	TEL FAILURE SP 33173 22.55.37 STARTED 31177 (TEL FAILURE SP 31184 22.59.50 STARTED 31189 SOT 31, 26, 31, 32, 32, 29, 33, 29, 23, 11, 9, 8
	23.20.09	245	5668	364	23	4	20	Ø	31237	A	EOT TEL FAILURE SP 31312 2. STARTED 31318
	23.20.09	246	5669	364	23	4	20	Ø	31238	B	TEL FAILURE SP 31285 STARTED 31291 SOT 32 29 33 33 33 32 39 39 37 32 35 28
823/23 Nov 1988	00.08.50	246	5786	380	23	4	20	Ø	31364	B	EOT NOTE: NO TAPES 247, 248
	00.09.13	249	5787	380	23	4	20	Ø	31365	A	SOT 31, 27, 31, 34, 32, 31, 36, 36, 37, 37, 32, 30
	00.54.27	250	5905		23	4	20	Ø	31483	A	EOT
	00.54.50		5906						31484	B	SOT 33 31 33 31 28 29 32 34 32 29 24 18
	0139.19	250	6022						31600	B	EOT
	0139.41	250	6023		"	"	"	"	31601	A	SOT 32/28/32/31/20/24/20/31/32/28/30/27
	0224.10	252	6139						31717	A	EOT

RECORDING LOG

PAGE NO. 51

R/V CONRADAND R/V'S CRUISE RC 2911AREA ALBORAN SEALINE NO 823LINE TYPE OPSSOURCE 10 AIRGUNS [5821 m³]DFS IV 96 CHANNELSFORMAT: SEG-YBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM m	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
328	022433	252	6140		23	4	20	0	31718	B	ST 2/28/33/33/32/29/34/33/36/33/36/35
328 Nov	023500	"	6167		"	"	"	"	31745	"	ET + EOL.
"	0236	253	3779		"	"	"	"	31750	A	BT - BOL 024 (COP 6)
	032008	253	3895		"	"	"	"	31866	A	ET
	032031	254	3896	144	"	"	"	"	31867	B	ST 32/27/32/33/32/28/30/32/34/34/35/36
									31867	B	ET
	040459	254	4012						31983	B	ET
	040522	255	4013	150m	"	"	"	"	31984	A	ST 31/27/31/32/30/28/30/32/32/31/30/27/32.
	044950	255	4129						32100	A	ET
	045013	256	4130	115m	"	"	"	"	32101	B	ST 32/29/33/33/32/29/32/34/35/32/33/30/33
	053527	256	4246						32224	B	ET
	053550	257	4247	56m	"	"	"	"	32225	A	ST 32/28/33/32/30/27/30/34/35/32/31/28/31.
	062322	257	4363						32341	A	ET
	062345	258	4364	65m	"	"	"	"	32342	B	ST 31/26/31/29/27/26/32/35/36/33/35/32/35.
	070813	258	4480		"	"	"	"	32458	B	ET
	070836	259	4481	40m	"	"	"	"	32459	A	ST 08/05/04/06/04/15/28/33/9/22/23/13/18
	0755	259							32580	A	ET
	075545	260	4599	492m	"	"	"	"	32582	B	ST 33/30/34/35/33/31/34/35/35/27/29/21/22
	083950	260	4714						32697	B	ET

RECORDING LOG

PAGE NO. 00

R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE RC 2911AREA ALBORAN SEAFORMAT: SEG YLINE NO 824LINE TYPE CDP 5SOURCE 10 AIRGUNS [5821 m3]BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP Count	Tape Drive	COMMENTS
328	084013	261	4715	729m	23	4	20	0	32882 32898	A	ST 31/26/32/34/32/27/32/30/28/22/22/19/16
23 Nov 1988	092442	261	4831		"	"	"	"	32814	A	TE001 F4823) ET
	092505	262	4832	860m					32815	B	ST 32/28/32/32/29/27/25/23/19/20/20/22/24/25
	101042	262	4948		"	"	"	"	32934	B	EOT
	101105	263	4949	995m	"	"	"	"	32935	A	ST 32/21/32/30/27/22/20/20/22/20/17
	105533	263	5065		"	"	"	"	33061	A	EOT
	105601	264	5066	1145m	"	"	"	"	33052	B	ST
	114047	264	5182		"	"	"	"	33171	B	ET
	114110	265	5183	1293	"	"	"	"	33172	A	SOT FILE 5295 GOTO 30 SEC INTERVAL
	1225			1160m	30						
	122652	265	5329 5329		"	"	"	"	33288	A	EOT
	122722	266	5300	1070m					33289	B	SOT
	132522	266	5416	1235	30	"	"	"	33409	B	EOT
	132622	267	5417	1235	"	"	"	"	33467	A	SOT 13562 FILES AROUND 5460 BAD TB
	141921	267	5533	1810	23	"	"	"	33523	A	NO APPARENT REASON. EOT FILE 5490 23 SEC POP.
	141944	268	5534	1810	"	"	"	"	33524	B	SOT
	150412	268	5650	1430	"	"	"	"	33640	B	EOT
	150435	269	5651	1430	"	"	"	"	33641	A	SOT
	154904	269	5767	620	"	"	"	"	33757	A	EOT

RECORDING LOG

PAGE NO. 41R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE RC 2911AREA ALBORAN SEAFORMAT: SEG YLINE NO. 824LINE TYPE CDP 6SOURCE 10 AIR GUNS (5821 in³)BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM (m)	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
328	154927	270	5768	620	23	4	20	Ø	33758	B	SOT
23 Nov 1988	16.33.55	270	5884	52	23	4	20	Ø	33874	B	EOT
	16.34.18	271	5885	52	23	4	20	Ø	33875	A	SOT
	17.21.27	271	6001	250	"	"	"	"	34000	A	EOT several NAV Black ins's / Seis Handler Problems
	17.21.50	272	6002	250	"	"	"	"	34001	B	SOT " " " " " "
	18.06.41	272	6118	965	"	"	"	"	34116	B	EOT
	18.07.04	273	6119	965	"	"	"	"	34117	A	SOT
	18.51.32	273	6235	1085	"	"	"	"	34233	A	EOT
	18.51.55	274	6236	1085	"	"	"	"	34234	B	SOT
	19.08.47	274	6280	1058	"	"	"	"	34278	B	EOT - short tape Change Nav tape. Tapes
	19.09.56	277	6283	1058	"	"	"	"	34281	A	SOT 275/6 missed out.
	19.27.57	277	6326	1008	"	"	"	"	34326	A	EOT short tape
	19.28.20	278	6327	1008	"	"	"	"	34327	B	SOT
		278	6370		"	"	"	"	34372	B	EOT short tape
		279	6371		"	"	"	"	34373	A	SOT
	1946										system (DS-240) Reboot
	1952										system back on line
	20.44.37	279	6453	985	"	"	"	"	34528	A	EOT
	20.45.28	280	6454	985	"	"	"	"	34529	B	SOT

RECORDING LOG

PAGE NO. 42.

R/V CONRAD

AND R/V'S _____

CRUISE RC 2911AREA ALBORAN SEALINE NO. 824/825LINE TYPE CDP 6SOURCE 10 AIRGUNS (5821 in³)DFS IV 96 CHANNELSFORMAT: SEG YBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FT METERS	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
328	2133	280	6579	1035	23	4	20	0	34654 3565	B	EOT
23 Nov 1988	2133	281	6580	1035	23	4	20	0	34655	A	SOT
	22 21 14	281	6705	1015	"	"	"	"	34780	A	EOT
	22 21 37	282	6706	1015	"	"	"	"	34781	B	SOT
	23 09 32	282	6831	765	"	"	"	"	34906	B	EOT
	23 09 55	283	6832	765	"	"	"	"	34907	A	SOT TEL FAILURE SP 34939. Back to 34944 (5 shots missed)
	23.58.13	283	6957	555	"	"	"	"	35035	A	EOT
	23.58.36	284	6958	555	"	"	"	"	35036	B	SOT
JD 329 24 Nov	00.47.17	284	7083		"	"	"	"	35161	B	EOT
	00.47.40	285	7084	355	"	"	"	"	35162	A	SOT
	013621	285	7209						35289	A	EOT
	013644	286	7210		"	"	"	"	35290	B	SOT.
	0215	286	7309						35489 35493	B	EOT EOL 824
	0217	287	6328	76	"	"	"	"	35377	A	SOT SOL 825 (col 7)
	030907	287	6453		"				35531	A	EOT
	030090	288	6454	64	"	"	"	"	35582	B	SOT
	035725	288	6579						35657	B	EOT
	035748	289	6580	361	"	"	"	"	35658	A	SOT
	044544	289	6705						35783	A	EOT

RECORDING LOG

PAGE NO. 43R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE RC 2911AREA AUBURN SEAFORMAT: SEL-YLINE NO. 825/007LINE TYPE EDP 7SOURCE 10 AIRGUNS [5821 m?]BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
329	044607	290	6706	524	23	4	20	Ø	35920	B	SOT
	0538	290	6831						35920	B	EOT
	0538	291	6832		"	"	"	"	35921	A	SOT
	0637	291	6957						36076	A	EOT
	0639	292	6958		"	"	"	"	36076	B	SOT
	0645	292			"	"	"	"		B	ET + Abort 1.0!
	0859	292A								B	SHORT STREAMER RECORDING EOT
										A	
	1118	293	7125							A	EOT NOT MAHA RECORDING ON TAPE
	1118	294	7126		23	4	20	Ø		B	SP'S NOT RECORDING BAD TB.
330	3700	295	7200	1125	"	"	"	"	39895	A	SOT + restart of line 825
25th NOV 88	074850	295	7325						40019	A	EOT
	074913	296	7326	1136m	"	"	"	"	40020	B	SOT (tape error to 001) (a few tape errors only TE 001)
	083731	296	7451						40148	B	EOT
	083754	297	7452	1120m	"	"	"	"	40149	A	SOT
	093048	297	7577						40283	A	EOT
	093111	298	7578	837m	"	"	"	"	40284	B	SOT
	102038	298	7703		"				40413	B	EOT

RECORDING LOG

PAGE NO. 44R/V CONRAD

AND R/V'S _____

CRUISE RC 2911AREA ALBORAN SEALINE NO. 825/CDP 7LINE TYPE CDP 7SOURCE 10 AIRGUNS [921 m³]DFS IV 96 CHANNELSFORMAT: SEG 5BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE ARIVE	COMMENTS
320	102101	299	7704	375m	23	4	20	Ø	40414	A	SOT (F7732 Te 027)
25 NOV 1988	110856	299	7829						40539	A	EOT
	110919	300	7830	880m	"	"	"	"	40540	B	SOT (re 001)
	115849	300	7955		"	"	"	"	40669	B	EOT
	115932	301	7956	1265m	"	"	"	"	40671	A	SOT (3 Telen failures on TAPE 301)
	124923	301	8081						40806	A	EOT
	124946	302	8082	1555m	"	"	"	"	40807	B	SOT
	133804	302	8207		"	"	"	"	40935	B	EOT
	133827	303	8208	780m	"	"	"	"	40936	A	SOT
	142628	303	8333		"	"	"	"	41061	A	EOT EOT
	142645	304	8334	800m	"	"	"	"	41062	B	SOT
	151744	304	8459		"	"	"	"	41190	B	EOT
	151807	305	8460	270m	"	"	"	"	41191	A	SOT
	160648	305	8585		"	"	"	"	41316	A	EOT
	160711	306	8586	600m	"	"	"	"	41317	B	SOT
	165506	306	8711		"	"	"	"	41442	B	EOT
	165529	307	8712	700m	"	"	"	"	41443	A	SOT
	174433	307	8836		"	"	"	"	41571	A	EOT
	174456	308	8837	826m	"	"	"	"	41572	B	SOT

RECORDING LOG

PAGE NO. 45R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE RC 2911AREA ALBORAN SEAFORMAT: SEG YLINE NO. 825/CDP 7LINE TYPE CDP 7SOURCE 10 AIRGUNS (5121 in³)BPI 6250826 CDP 8

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
320	18.32.57	308	8963	755	23	4	20	0	41697	B	EOT
25 Nov 1988	18.33.14	309	8964	755	"	"	"	"	41698	A	SOT
	19.24.14	309	9089		"	"	"	"	41831	A	EOT
	19.24.37	310	9090		"	"	"	"	41832	B	SOT
	20.12.32	310	9215	875	"	"	"	"	41872	B	EOT SP 41957
	20.12.35	311	9216	875	"	"	"	"	41958	A	SOT TEL failure SP 41989. BACK ON 41994
	20.01.39	311	9341	800	"	"	"	"	42086	A	EOT
	20.02.22	312	9342	800	"	"	"	"	42087	B	SOT
	21.50.16	312	9467	675	"	"	"	"	42212	B	EOT
	21.50.39	313	9468	675	"	"	"	"	42213	A	SOT TEL FAILURE SP 42243. BACK ON 42247.
	22.39.44	313	9593	410	"	"	"	"	42341	A	EOT
	22.40.07	314	9594	410	"	"	"	"	42342	B	SOT TEL FAILURE SP 42346 BACK ON 42352
	23.15.23	314	9681						42434	B	TEL Failure back on line 23.16.55 F 9682
	23.31.06	314	9719	235					42475	B	EOT
	23.31.29	315	9720	239					42476	A	SOT
	23.57	315	9779						42535	A	E.O.L. 825 CDP 7. VOID TAPE #
321	00.35.19	316	9780	30	23/30				42539	B	S.O.L. 826 CDP 8. SOT. 316
26 Nov 88	01.37.18	317	9908		23				42664	B	EOT
	01.37.41	318	9909	282	23	"	"	"	42665	A	ST

RECORDING LOG

PAGE NO. 46

R/U CONRAD

AND R/V'S _____

DFS IV 96 CHANNELS

CRUISE RC 2911

AREA ALBORAN SEA

FORMAT: SEG Y

LINE NO 828/CDP 8

LINE TYPE CDP 8

SOURCE 10 AIRGUNS [5821 m³]

BPI 6250

[illegible]

RECORDING LOG

PAGE NO. 47.7.

RAV CONRADAND R/V'S CRUISE 2911AREA ALBORAN SEALINE NO 827/COP 9LINE TYPE CDPSOURCE 10 AIRGUNS (5821 in³)DFS IV 96 CHANNELSFORMAT: SEG VBPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH -FM METER	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
331/ 26TH NOV 88	062511	325	9780	210	23	4	20	Ø	43415	B	BOL 827 (COP 9)
	071307	325	9905		"	"	"	"	43540	B	EOT
	071330	326	9904	310	"	"	"	"	43541	A	SOT FM 18 TE 026
	080125	326	0032		"				43666	A	EOT 0737 COMPRESSOR MAINTENANCE FIRING
											AT 1500 PSI
	080148	327	0033	473m	"	"	"	"	43667	B	SOT 0812 FULL POWER PRESSURES
	084943	327	0158						43792	B	EOT
	085006	328	0159	626m	"	"	"	"	43793	A	SOT
	093824	328	0284						43924	A	EOT
	093847	329	0285	760m	"	"	"	"	43925	B	SOT 100927 SP44003 TEL FAILURE - MAINTENANCE
	103703	329	0410		"	"	"	"	44072	B	EOT
	103726	330	0411	1000m	"	"	"	"	44073	A	SOT
	112544	328 330	536						44201	A	EOT
	112607	331	537	1100m	"	"	"	"	44202	B	SOT
	121402	331	662		"				44327	B	EOT 11.56 CROSS-ED DSDP #121
	121425	332	663		"	"	"	"	44328	A	SOT F663 TE 004 065 TC 001 064 R 001
	130220	332	788						4453	A	Free Tape errors (EOT)
	130243	333	789	1255m	"	"	"	"	4454	B	SOT
	135424	333	914		"	"	"	"	44587	B	EOT

RECORDING LOG

PAGE NO. 48...

R/V CONRADAND R/V'S DFS IV 96 CHANNELSCRUISE 2911AREA ALBORAN SEAFORMAT: SEG YLINE NO. 827/4099LINE TYPE CDPSOURCE 10 AIRGUNS [5821 in³]BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
331 26 th	1354.52	334	915	1253 _m	23	4	20	Ø	44588	A	SOT
Nov 1988	14 50.22	334	1040		"	"	"	"	44713	A	EOT
	14 50.52	335	1041	1327 _m	"	"	"	"	44714	B	SOT 1418 FILE 973 30-SEC POP
		335	1166		30	"	"	"	44839	B	EOT
		336	1187		23	"	"	"	44840	A	SOT 1530 FILE 1117 28-SEC POP
		336	1187		30	"	"	"	44839	A	1539 23 SEC POP EOT
		337	1187		30	"	"	"	44840	B	
	16 37.51	336	1292	1455 _m	23	"	"	"	44965	A	EOT
	1638.14	337	1293	1455 _m	23	"	"	"	44966	B	SOT
	1726.09	337	1418	1475 _m	"	"	"	"	45091	B	EOT
	17 26.38	338	1419	1475 _m	"	"	"	"	45092	A	SOT
	18 14.27	338	1544	1468 _m	"	"	"	"	45217	A	EOT
	18 14.50	339	1545	1468 _m	"	"	"	"	45218	B	SOT
	1903.54	339	1670	1420	"	"	"	"	45346	B	EOT
	1904.17	340	1671	1420	"	"	"	"	45347	A	SOT
	19 51.04	340	1793	1195	"	"	"	"	45469	A	EOT
	19 51.27	341	1794	1195	"	"	"	"	45470	B	SOT
	20 40.31	341	1919		"	"	"	"	45598	B	EOT
	20 40.54	342	1920		"	"	"	"	45599	A	SOT

RECORDING LOG

PAGE NO. 49...

R/U CONRAD

AND R/V'S _____

DFS IV 9C CHANNELS

CRUISE 2911

AREA Alboran Sea

FORMAT: Seq 1

LINE NO. 827/CDP9

LINE TYPE CDP

SOURCE 10 AIR GUNS 5821 in³

BPI 6256[illegible]

RECORDING LOG

PAGE NO. 50...

R/V CONRAD

AND R/V'S _____

DFS IV 96 CHANNELSCRUISE 2911AREA ALBORAN SEAFORMAT: SEC-YLINE NO. CDP9/828LINE TYPE CDPSOURCE 10 AIRGUNS (5821m³)BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
332/	0130	348	9780 9905	84	23	4	20	Ø	46354	A	SOL + SOT. Contains alot of 001 TE's
174 NOV 88	0215	348	9905		.				46479	A	EOT
	021838	349	9906	~258	"	"	"	"	46480	B	SOT
	030719	349	0032						46610	B	EOT
	030742	350	0033	~350	"	"	"	"	46611	A	SOT lots of TE's at start of Tape. con. con.
	035537	350	0158						46736	A	EOT - Consistent low value T.E. throughout Tape.
	035600	351	0159	383	"	"	"	"	46737	B	SOT - 03572 changed to shot time ^{to} 30sec
	0432	351	232						46810	B	- Shots back to 23 sec interval.
	045219	351	284		.				46862	B	EOT.
	045242	352	285	~395	"	"	"	"	46863	A	SOT
	054256	352	410						46991	A	EOT
	054319	353	411	431	"	"	"	"	46992	B	SOT
	063123	353	536						47117	B	EOT
	063136	354	537	495m	"	"	"	"	47118	A	SOT
	071931	354	662						47243	A	EOT
	071954	355	663	665m	"	"	"	"	47244	B	SOT
	080749	355	788						47369	B	EOT
	080812	356	784	712m	"	"	"	"	47370	A	SOT low value Tape errors throughout tape
	085631	356	914						47498	A	EOT

RECORDING LOG

PAGE NO. 51R/V CONRADAND R/V'S —DFS IV 96 CHANNELSCRUISE 2911AREA ALBORAN SEAFORMAT: se-yLINE NO CDP 91828LINE TYPE CDPSOURCE 10 AIRGUNS (5821 in²)BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
332	085654	357	0115	748m	23	4	20	Ø	047499	B	SOT
27 NOV 1988	094753	357	1040	740	.				047630	B	EOT
	094814	358	1041	740	"	"	"	"	47631	A	SOT
	10.36.34	358	1166	717m	"	"	"	"	47759	A	EOT
	10.37.58	359	1167	717m	"	"	"	"	47760	B	SOT
	11.24.52	359	1292	672m					47885	B	EOT
	11.2515	360	1293	672m	"	"	"	"	47886	A	SOT
	12.13.33	360	1418	680m	"	"	"	"	48014	A	EOT
	12.13.56	361	1419	680m	"	"	"	"	48015	B	SOT
	13.01.51	361	1544	815m	"	"	"	"	48140	B	EOT
	13.02.14	362	1545	815m	"	"	"	"	48141	A	SOT
	13.50.07	362	1670	925m	"	"	"	"	48266	A	EOT
	13.50.32	363	1671	925m	"	"	"	"	48267	B	SOT
	14.39.59	363	1796	892m	"	"	"	"	48392	B	EOT
	14.40.22	364	1797	892m	"	"	"	"	48393	A	SOT
	15.29.27	364	1922	860m	"	"	"	"	48521	A	EOT
	15.29.50	365	1922	860m	"	"	"	"	48522	B	SOT
	15.29.27	365	1922						48521	B	EOT
	15.29.50	366	1923							A	SOT

RECORDING LOG

PAGE NO. 52

R/V. CONRADAND R/V'S DFS IV. 96 CHANNELSCRUISE 2911AREA ALBORAN SEAFORMAT: SEG VLINE NO. CDP 4/828/829LINE TYPE CDPSOURCE 10 AIRGUNS (5821 in³)BPI 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FM	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
JD 332	155118	365	1978	848	23	4	20	Ø		B	EOT/EOL 828
27 th Nov 1982	16:22:44	366	1979	855	"	"	"	"		A	SOT/SOL 829 CAP 11
	171016	366	2104	758	"	"	"	"	48784	A	EOT
	171037	367	2105	758	"	"	"	"	48785	B	BOT
	175834	367	2230	533	"	"	"	"	48910	B	EOT
	175857	368	2231	533	"	"	"	"	48911	A	BOT
	184652	368	2356	525	"	"	"	"	49036	A	EOT
	184715	369	2357	545	"	"	"	"	49037	B	BOT
	193510	369	2482	809	"	"	"	"	49162	B	EOT
	19.3533	370	2483	809	"	"	"	"	49163	A	SOT
	20.23.28	370	2608	890	"	"	"	"	49288	A	EOT
	20.23.51	371	2609	890	"	"	"	"	49289	B	SOT
	21:11:46	371	2734	906	"	"	"	"	49414	B	EOT
	21:12:09	372	2735	906	"	"	"	"	49415	A	BOT
	22.00.05	372	2860	942	"	"	"	"	49540	A	EOT
	22.00.28	373	2861	942	"	"	"	"	49541	B	SOT
	224823	373	2986	875	"	"	"	"	49666	B	BOT
	224846	374	2987	875	"	"	"	"	49667	A	SOT
	233641	374	3112	630	"	"	"	"	49792	A	EOT

RECORDING LOG

PAGE NO. 53R/V CONRAD

AND R/V'S _____

CRUISE 2911AREA ALBORAN SEALINE NO CDP 11/829LINE TYPE CDPSOURCE 10 AIRGUNS (5821.3)DFS IV 96 CHANNELSFORMAT: SEG 4BPT 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH FT <i>METER</i>	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE	COMMENTS
JD 332	23.37.04	375	3113	690	23	4	20	Ø	49793	B	SOT
27 th Nov	00										
JD 383	00.26.44	375	3238		"	"	"	"	49918	B	EOT
28 th Nov	00.27.07	376	3239	~660	"	"	"	"	49919	A	SOT
	011502	376	3364						50044	A	EOT
	011525	377	3365	469	"	"	"	"	50045	B	SOT
	020340	377	3490						50170	B	EOT
	020341	378	3491	~480	"	"	"	"	50171	A	SOT serial T.E's at Start.
	025138	378	3616						50296	A	EOT
	025247	379	3617	~400	"	"	"	"	50299	B	SOT - missed 2 sps as tape not on line at start
	034042	379	3742						50424	B	EOT
	034105	380	3743	210	"	"	"	"	50425	A	SOT
	042901	380	3868						50550	A	EOT
	042924	381	3869	54	"	"	"	"	50551	B	SOT
	051719	381	3894						50676	B	EOT
	051742	382	3995	175	"	"	"	"	50677	A	SOT.
	060600	382	4120						50805	A	EOT
	060623	383	4121	272	"	"	"	"	50806	B	SOT
	065418	383	4246	'					50931	B	EOT

RECORDING LOG

PAGE NO. 54

R/V CONRAD

AND R/V'S _____

CRUISE 2911AREA AUSORAN SEADFS IV 96 CHANNELSFORMAT: SEG-YLINE NO. CDP11/829LINE TYPE CDPSOURCE 10 AIRGUNS (5821 m³)BPT. 6250

JULIAN DATE	TIME GMT	TAPE #	FILE COUNT	DEPTH EM M	POP RATE SEC	SAMP. RATE MSEC	REC. LEN. SEC	TRIP DEL. SEC	SP COUNT	TAPE DRIVE	COMMENTS
333/	065441	384	4247	327m	23	4	20	Ø	50932	A	SOT. 07307. COMP. #5 DOWN FIRING AT 1500ps.
28TH NOV 85	074454	384	4372						51062	A	EOT
	074540	385	4373	335	"	"	"	"	51063	B	SOT
	083335	385	4498						51192	B	EOT
	083358	386	4499	330	"	"	"	"	51193	A	SOT
	092153	386	4624						51318	A	EOT
	092216	387	4624	252m	"	"	"	"	51319	B	SOT
	101034	387 4750	4750		"	"	"	"	51448	B	EOT
	101057	388	4751	285m	"	"	"	"	51449	A	SOT F4756 TE 036
	104418	388	4831						51529	A	NUMEROUS SMALL TAPE ERRORS
	105829	389	4832	507m	"	"	"	"	51566	A	SOT TAPE NOS 388-391 VOID (CHANGE NEW TAPE)
	114625	389	4957						51691	A	EOT
	114906	390	4958	515m	"	"	"	"	51698	B	DRIVE B NOT ONLINE
	123701	390	5083						51823	B	SOT MISSED SP 51691-51698
	123747	391	5084	540m	"	"	"	"	51825	A	EOT
	132948	391	5209		"	"	"	"	51950	A	SOT
	132605	392	5310	560m	"	"	"	"	51991	B	EOT
	141400	392	5335						52076	B	EOT Telem. Failure
	141509	393	5336	656m	"	"	"	"	52081	A	SOT Recovery (5 shots missed 52076-52081)

RECORDING LOG

PAGE NO. 55...

R/V CONRAD

AND R/U' S _____

CRUISE 2911

AREA Alboran Sea

LINE NO 829 CDP#

LINE TYPE COP

SOURCE Air Guns 5821 c/w

DFS IV 96 CHANNELS

FORMAT: SEGY

BPI 6250

[illegible]

RECORDING LOG

PAGE NO. 55...

R/V CONRAD

AND R/V'S _____

CRUISE 2911

AREA Alboran Sea

LINE NO 829 CDP11

LINE TYPE CDP

SOURCE Air Guns 5821 cigaro

DFS IV 96 CHANNELS

FORMAT: SEGY

BPI 6250

[illegible]

WORK DONE FOR LINE No_____

J O B N A M E _____

[illegible]

WORK DONE FOR LINE No. _____

J O B N A M E _____

[illegible]