

REDOUBT VOLCANO

Data Report for a Seismic Study of the *P* and *S* Wave
Velocity Structure of Redoubt Volcano, Alaska

PASSCAL Data Report 99-005



Distributed by

*Incorporated Research Institutions for Seismology
Data Management Center
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3000 21
6
305
255

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR3	.
Arrival Date-Time (GMT)	1885	00 10
Personnel	Phil/Mike	
DAS S/N	341	
Old Disk S/N	5077	
New Disk S/N	—	Check Site
Battery Voltage	12.37	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NO	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	897	
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA	JAP	
ACQ		
EVENTS/BLKS US/BLKS AV	898	
Apply Ext Time Marks	NO	
Departure Date-Time (GMT)	188	00 45

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CR2	.
Arrival Date-Time (GMT)	1925	09:00
Personnel	Phil / Bob / Rick	
DAS S/N	341	
Old Disk S/N	5077	
New Disk S/N	—	Check GPS
Battery Voltage	12,12	
UTILITIES/DAS STATE	✓	recorded Crescent Shot
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	2077	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE	No	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	No	
UTILITIES/DAS STATE	No	
Time OK?	Yes	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	2077	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1925	01:25

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR2	.
Arrival Date-Time (GMT)	00:40	1991 185J
Personnel	PK1/Rick	
DAS S/N	341	
Old Disk S/N	—	Install
New Disk S/N	5077	
Battery Voltage	12.69	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary	✓	
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	✓	
COMMUNCTNS/START ACQ/YES	✓	02:11:45
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	DN	
EVENTS/BLKS US/BLKS AV	0/12	2546
Apply Ext Time Marks	✓	01:17:00 1855 - 01:18:00
Departure Date-Time (GMT)	✓	01:20 185J

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR2	.
Arrival Date-Time (GMT)	1965	00:26
Personnel	PH1/JLH	/Mike
DAS S/N	341	
Old Disk S/N	5077	
New Disk S/N	5027	
Battery Voltage	11.99	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	OFF	START
EVENTS/BLKS US/BLKS AV	2519	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	last event 1935 18:00
UTILITIES/DAS STATE		dumped to new disk
Swap recording disks	Yes	
Change batt if necessary	No	Add RT Batt
Change params if necessary	Yes	Ratio to 5
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMBGA	1	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	2523	
Apply Ext Time Marks	Yes	1965 00:52
Departure Date-Time (GMT)	1965	01:05

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR2	.
Arrival Date-Time (GMT)	2075	17:55
Personnel	Phil / Steve / Walt	
DAS S/N	341	
Old Disk S/N	5027	
New Disk S/N	—	YANE STATION
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	JAP	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	5726	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	17:57:30
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR3	CHECK
Arrival Date-Time (GMT) 7/8	19:15 ADT	
Personnel		CHOUET & PAGE
DAS S/N		
Old Disk S/N		
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991/190/03:25
KIN OMEGA	OK	LOCKED on JAP
ACQ	OK	
EVENTS/BLKS US/BLKS AV	OK	956/713/1846
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CR3	.
Arrival Date-Time (GMT)	02 39	1855 1991
Personnel	R.L./Rick	
DAS S/N	386	
Old Disk S/N	—	install
New Disk S/N	5084	
Battery Voltage	12.72	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/E4/12V		
MONITOR/I	✓	
COMMUNCTNS/START ACQ/YES	✓	02:14:45
UTILITIES/DAS STATE	✓	
Time OK?	500	
KIN OMEGA	500	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	1110/2950	
Apply Ext Time Marks	✓	02:16:00 1855 02:17:00 1855
Departure Date-Time (GMT)	✓	02:25 1855

KINMARK
02:19 - 02:20

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CP3	.
Arrival Date-Time (GMT)	1885	20 55
Personnel	FR/Mko	
DAS S/N	386	
Old Disk S/N	5084	
New Disk S/N	—	check site
Battery Voltage	12.40	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NO	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	571	
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	NO	
Swap recording disks	No	
Change batt if necessary	NO	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes,	
UTILITIES/DAS STATE	✓	
Time OK?	Yes	
KIN OMEGA	1 (NO)	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	572	188 0107
Apply Ext Time Marks	NO	
Departure Date-Time (GMT)	1885	01:15

60 27.68 4348 7/6 050014 GR=4 3 161720 9999
 152 48.52

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR3	.
Arrival Date-Time (GMT)	195	23:45
Personnel	PL1/JL	abr
DAS S/N	386	
Old Disk S/N	5084	
New Disk S/N	5072	
Battery Voltage	12.06	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	JAP	
ACQ	OFF	lost ev. on RAM 10:35? 195 J
EVENTS/BLKS US/BLKS AV	1995	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	Attach RT battery
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/I	1/OK	
COMMUNCTNS/START ACQ/YES	1965	00:12
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	JAP	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	1997	
Apply Ext Time Marks	Yes	196 00:13
Departure Date-Time (GMT)	1965	00 25

REDOUBT SEISMIC EXPERIMENT, 1991

STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CR3	
Arrival Date-Time (GMT)	2075 17:15	(9:15 AM)
Personnel	PL1/SL1/walt	
DAS S/N	386	
Old Disk S/N	5072	
New Disk S/N	—	Yank STATION
Battery Voltage		
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NO	
ACQ	STRT/OFF	
EVENTS/BLKS US/BLKS AV	2022	Full Ram
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	↑	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/I		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		17:50

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CR-4	INSTALL 7/4 2000 LT
Arrival Date-Time (GMT)		
Personnel		PAGE & CHOUET
DAS S/N	343	
Old Disk S/N	5035	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	OK	CHECKED CH 1, 2, 3
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991 / 186 / 04:07
KIN OMEGA		OMEGA NOT WORKED
ACQ		
EVENTS/BLKS US/BLKS AV		1 / 10 / 2550
Apply Ext Time Marks		
Departure Date-Time (GMT)		

G. BROWNIE
S/N
499




**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR 4	: INSTALL
Arrival Date-Time (GMT) 7/2	18:35 ADT	
Personnel		CHOUET & PAGE
DAS S/N		
Old Disk S/N		
New Disk S/N		
Battery Voltage		
→ UTILITIES/DAS STATE		
Time OK?	OK	1991 / 190 / 02:47
KIN OMEGA		NOT LOCKED
ACQ	OK	
EVENTS/BLKS US/BLKS AV		2216 / 395 / 2159
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/I		
COMMUNICINS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CR4	.
Arrival Date-Time (GMT)	1965	19:50
Personnel	Phil/John/Mike	
DAS S/N	343	
Old Disk S/N	5035	
New Disk S/N	5053	
Battery Voltage	12.35	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STOP/ON	
EVENTS/BLKS US/BLKS AV	2855	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	Add RT batt
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/CA/12V	No	
MONITOR/I	1/ok	
COMMUNICTNS/START ACQ/YES	Yes	1965 20:
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STOP/ON	
EVENTS/BLKS US/BLKS AV	2861	
Apply Ext Time Marks		reset time - 6 sec off 20:09 time mark
Departure Date-Time (GMT)	1965	20:15

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	CR4	.
Arrival Date-Time (GMT)	2075	00:25
Personnel	PKJ/SLK	
DAS S/N	343	
Old Disk S/N	5053	
New Disk S/N	—	YAWL STATION
Battery Voltage		
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STRT/OFF	
EVENTS/BLKS US/BLKS AV	6732	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/I		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075	00:45

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS	
Station	DR2	.	
Arrival Date-Time (GMT)	1865	19:20	
Personnel	Phil/Rick		
DAS S/N	370		
Old Disk S/N	—	Installed	
New Disk S/N	5171		
Battery Voltage	12.72		
UTILITIES/DAS STATE			
Time OK?			
KIN OMEGA			
ACQ			
EVENTS/BLKS US/BLKS AV			
Apply Ext Time Marks			
COMMUNICATNS/STOP ACQ/YES			
UTILITIES/DAS STATE			
Swap recording disks			
Change batt if necessary			
Change params if necessary			
UTILITIES/FRMT/SCSI/YES		✓	
UTILITIES/CLEAR RAM/YES		✓	
DIAGNOSTS/ACQUISITN/C4/12V		—	
MONITOR/1		1/2/3	ok
COMMUNCTNS/START ACQ/YES		✓	
UTILITIES/DAS STATE		✓	
Time OK?	✓		
KIN OMEGA	500 ND		
ACQ	ON		
EVENTS/BLKS US/BLKS AV			
Apply Ext Time Marks	✓	1865 19:53:00 - 19:54:00	
Departure Date-Time (GMT)	1865	20:10:00	

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	DR2	.
Arrival Date-Time (GMT)	1885	03:45
Personnel	Phil/Bernard/Mike	
DAS S/N	370	
Old Disk S/N	5171	
New Disk S/N	—	Check site
Battery Voltage	12.46	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	324	
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	NO	
UTILITIES/DAS STATE		
Swap recording disks		574 ev 189 01:17
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks	✓	
Departure Date-Time (GMT)	1885	04:05

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

126
5033

ITEM	STATUS	COMMENTS
Station	DR2	.
Arrival Date-Time (GMT)	195 J	19:20
Personnel	JEL, PD	
DAS S/N	370	
Old Disk S/N	5171	
New Disk S/N	5176	
Battery Voltage	12.13	
UTILITIES/DAS STATE		
Time OK?	Yes	
KIN OMEGA	HAW	
ACQ	ON - STRT	
EVENTS/BLKS US/BLKS AV	2404 events	(1144/day → 1300)
Apply Ext Time Marks	195 J 19:35	<i>Wrote 19:35 on disk</i>
COMMUNICATNS/STOP ACQ/YES	Yes	<i>19:36 m f g hot</i>
UTILITIES/DAS STATE	✓	
Swap recording disks	✓	
Change batt if necessary	NO	
Change params if necessary	NO	
UTILITIES/FRMT/SCSI/YES	YES	<i>This erases old data</i>
UTILITIES/CLEAR RAM/YES	YES	
DIAGNOSTS/ACQUISITION/C4/12V		
MONITOR/1 (2 sec)	YES	
COMMUNICTNS/START ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks	195 J 19:52	19:52
Departure Date-Time (GMT)	~20:10	

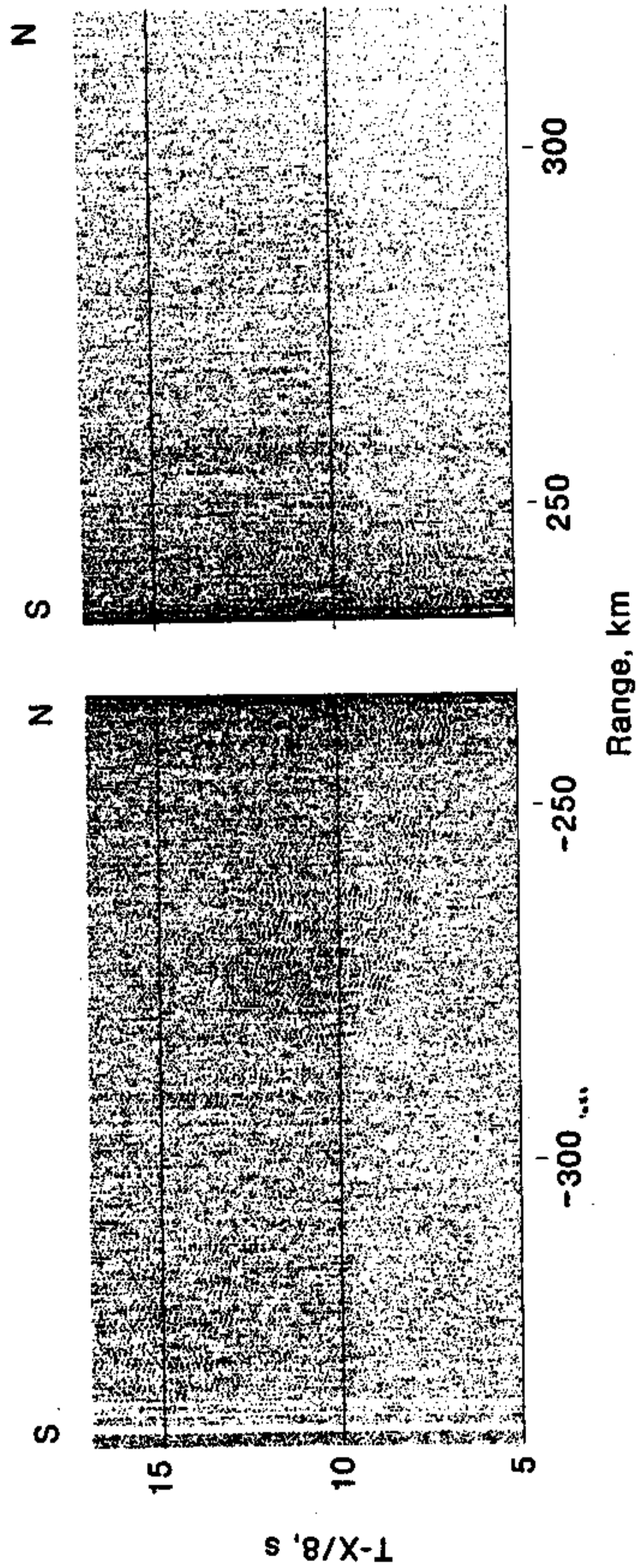


Figure 7. Receiver gather for station Provideniya from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

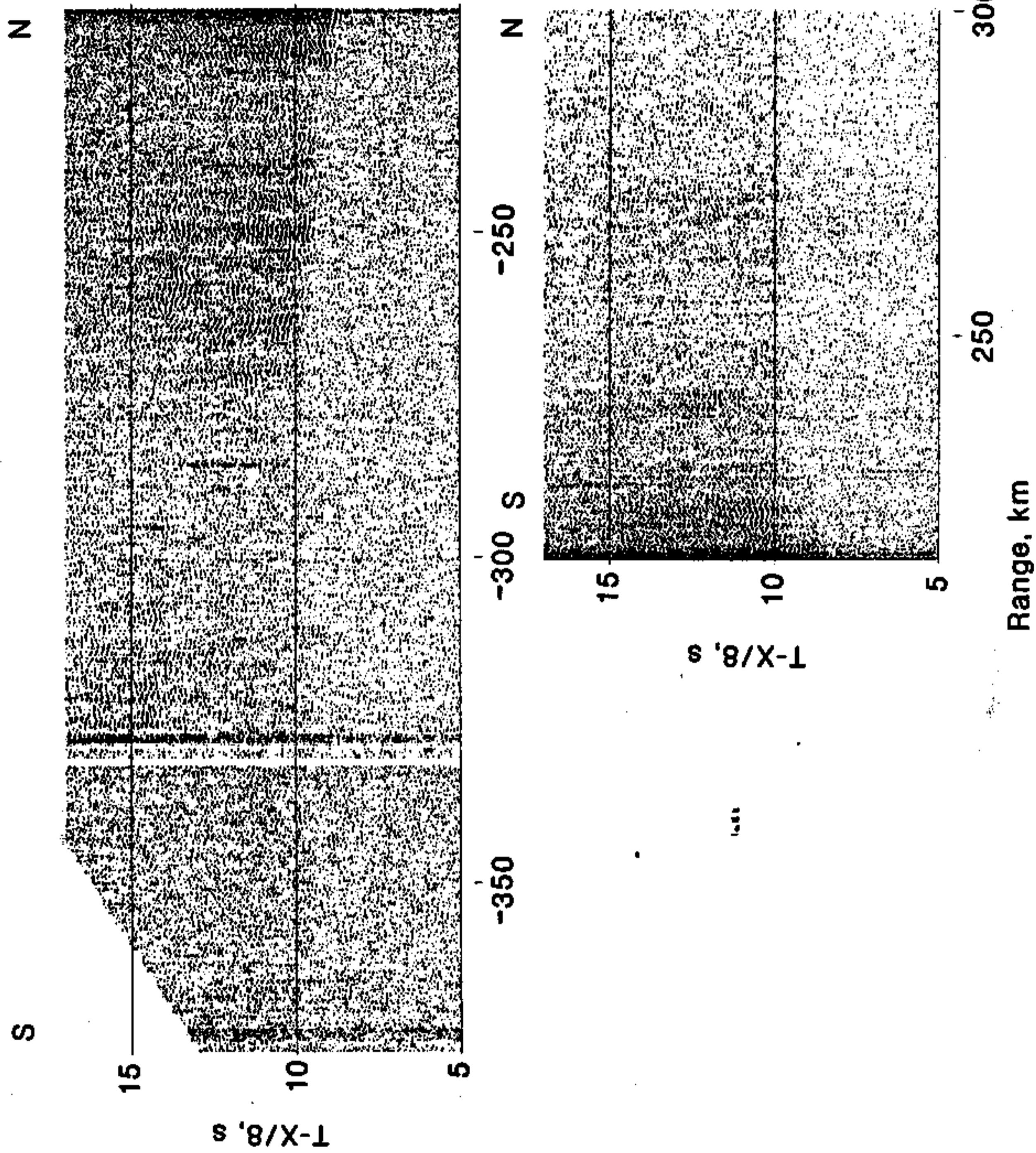


Figure 8. Receiver gather for station Novoye Chaplino from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

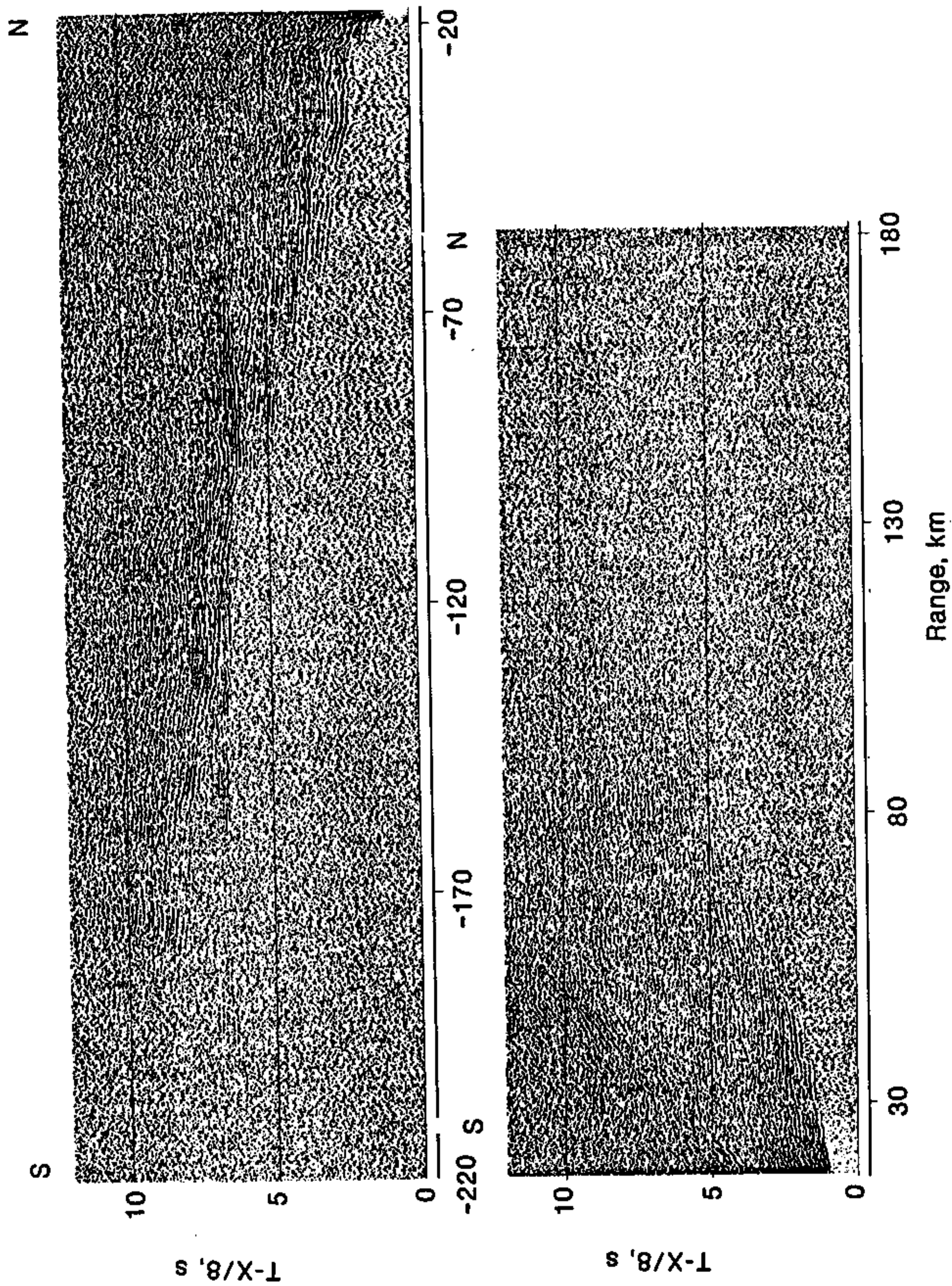


Figure 9. Receiver gather for station Tin City from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

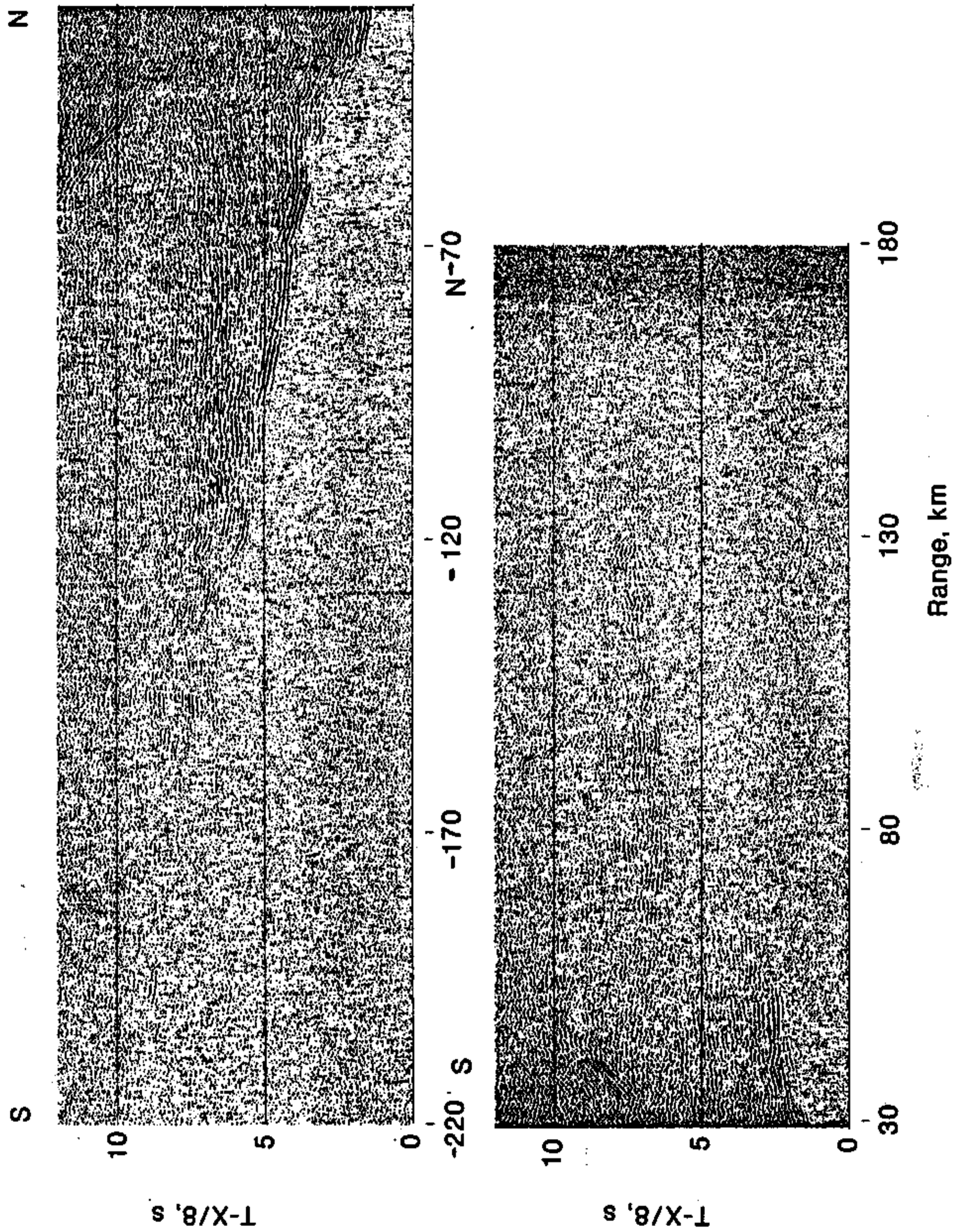


Figure 10. Receiver gather for station Little Diomedede Island from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

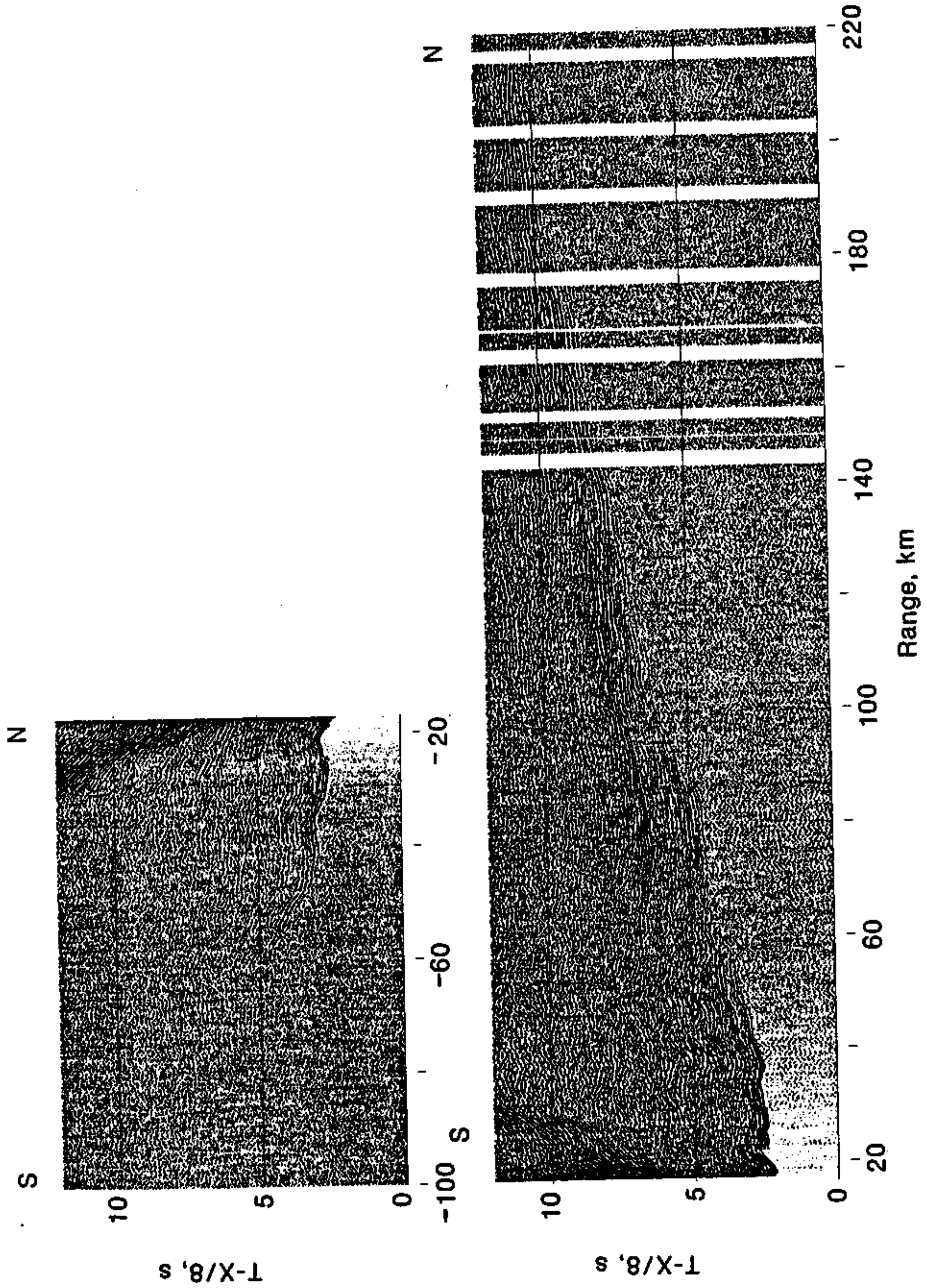


Figure 11. Receiver gather for station Point Hope from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

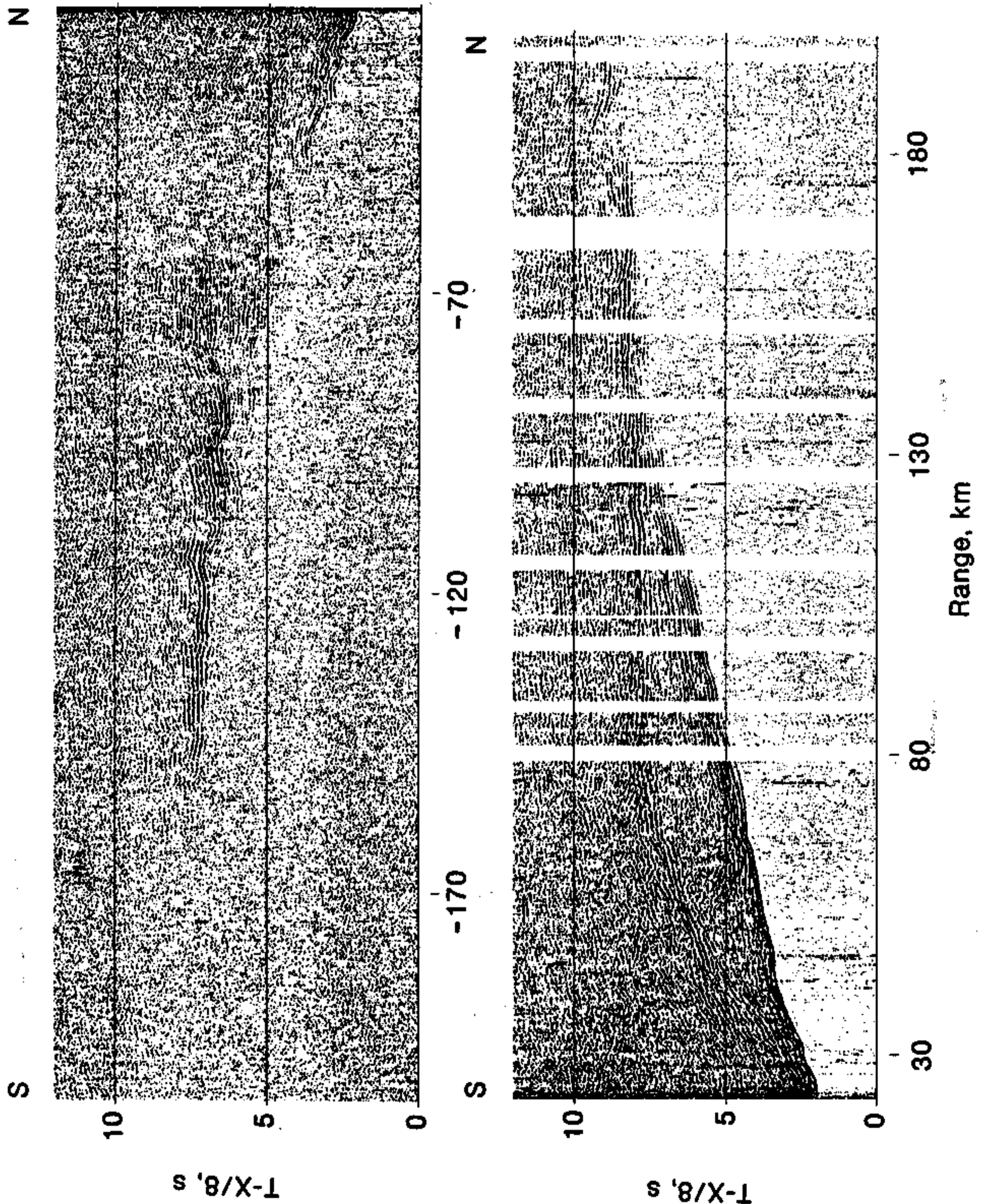


Figure 12. Receiver gather for station Cape Lisbourne from Line 1. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

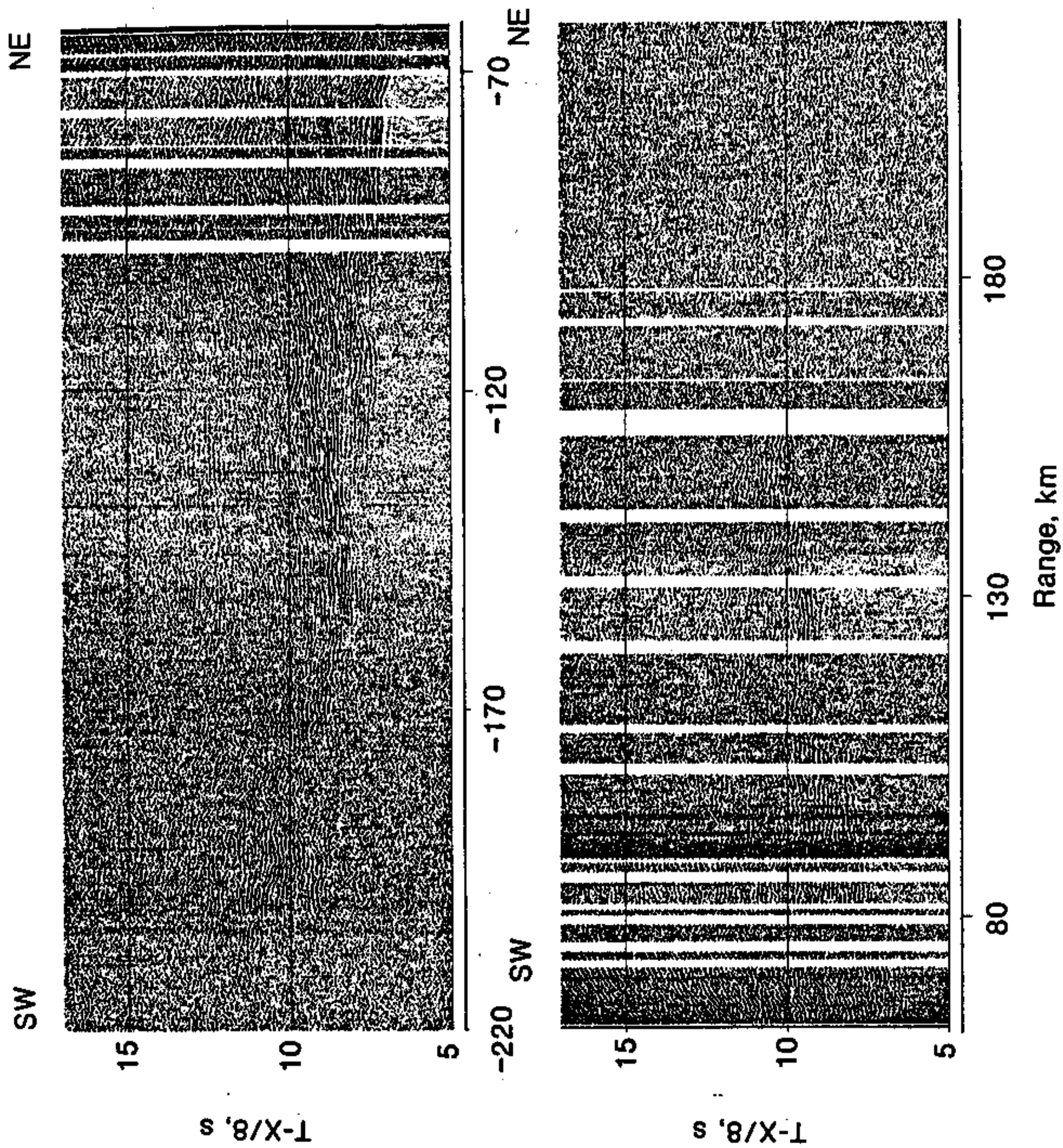


Figure 13. Receiver gather for station Point Lay from Lines 1 and 2. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

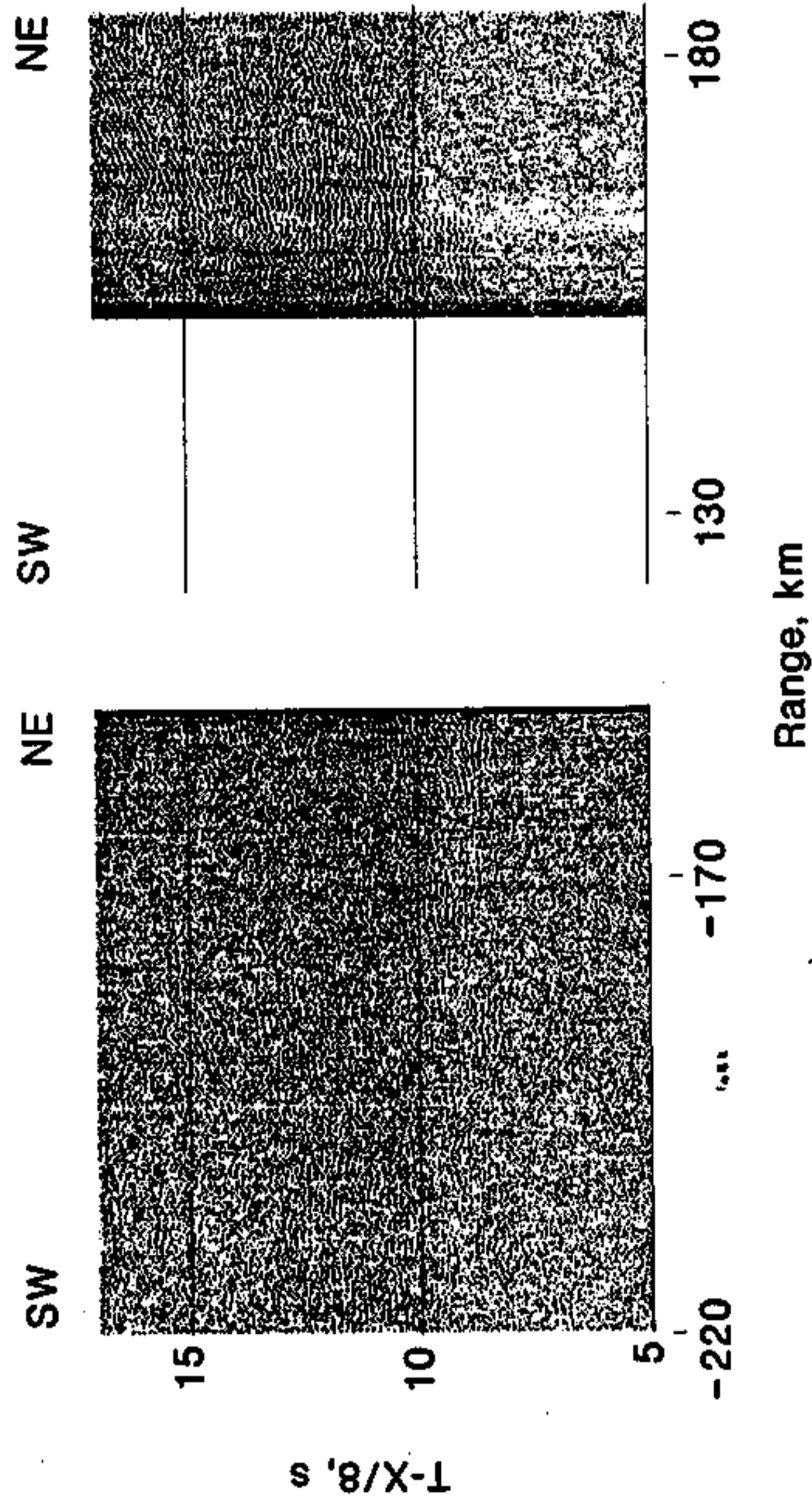


Figure 14. Receiver gather for station Point Lay from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

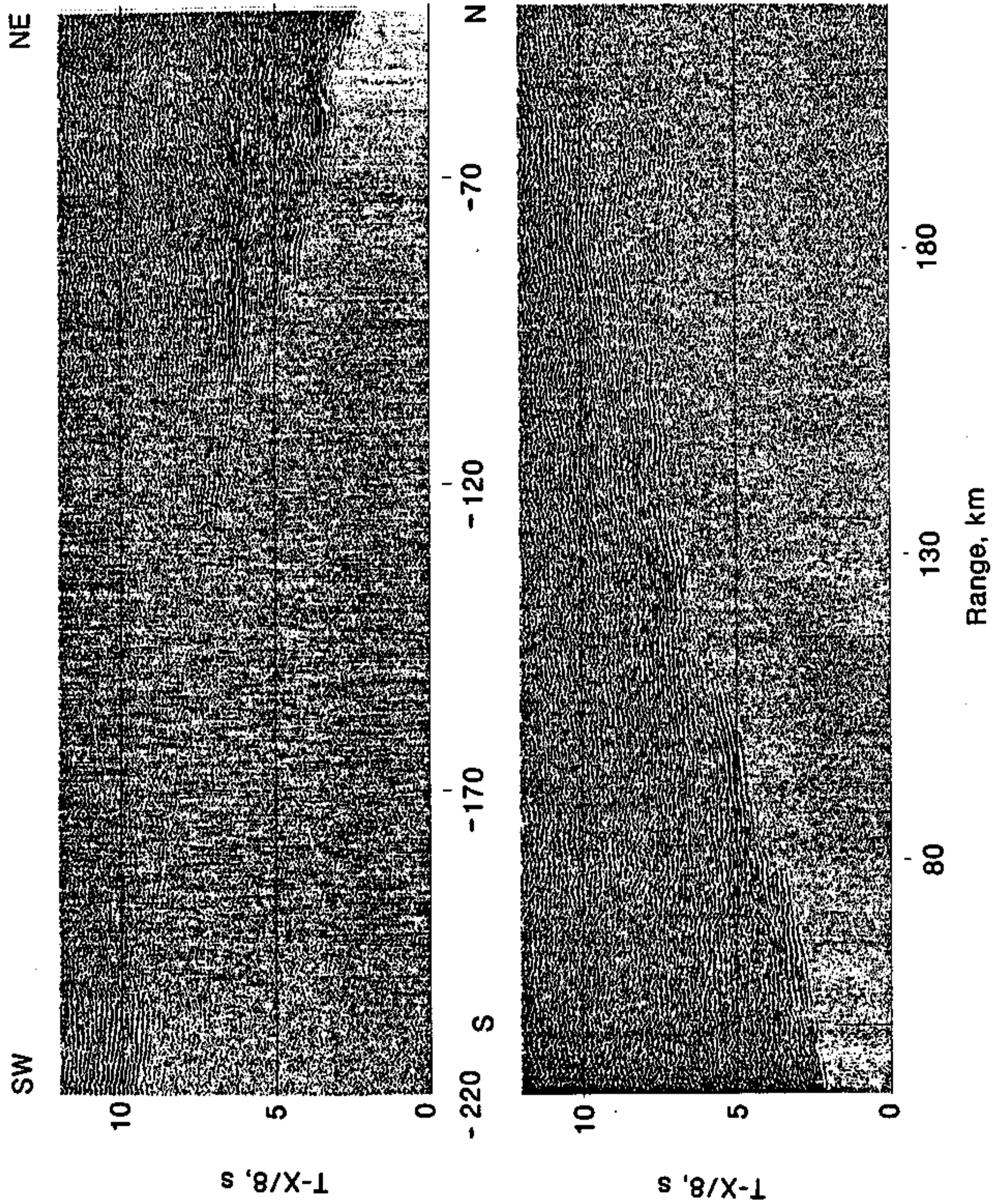


Figure 15. Receiver gather for station Tin City from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

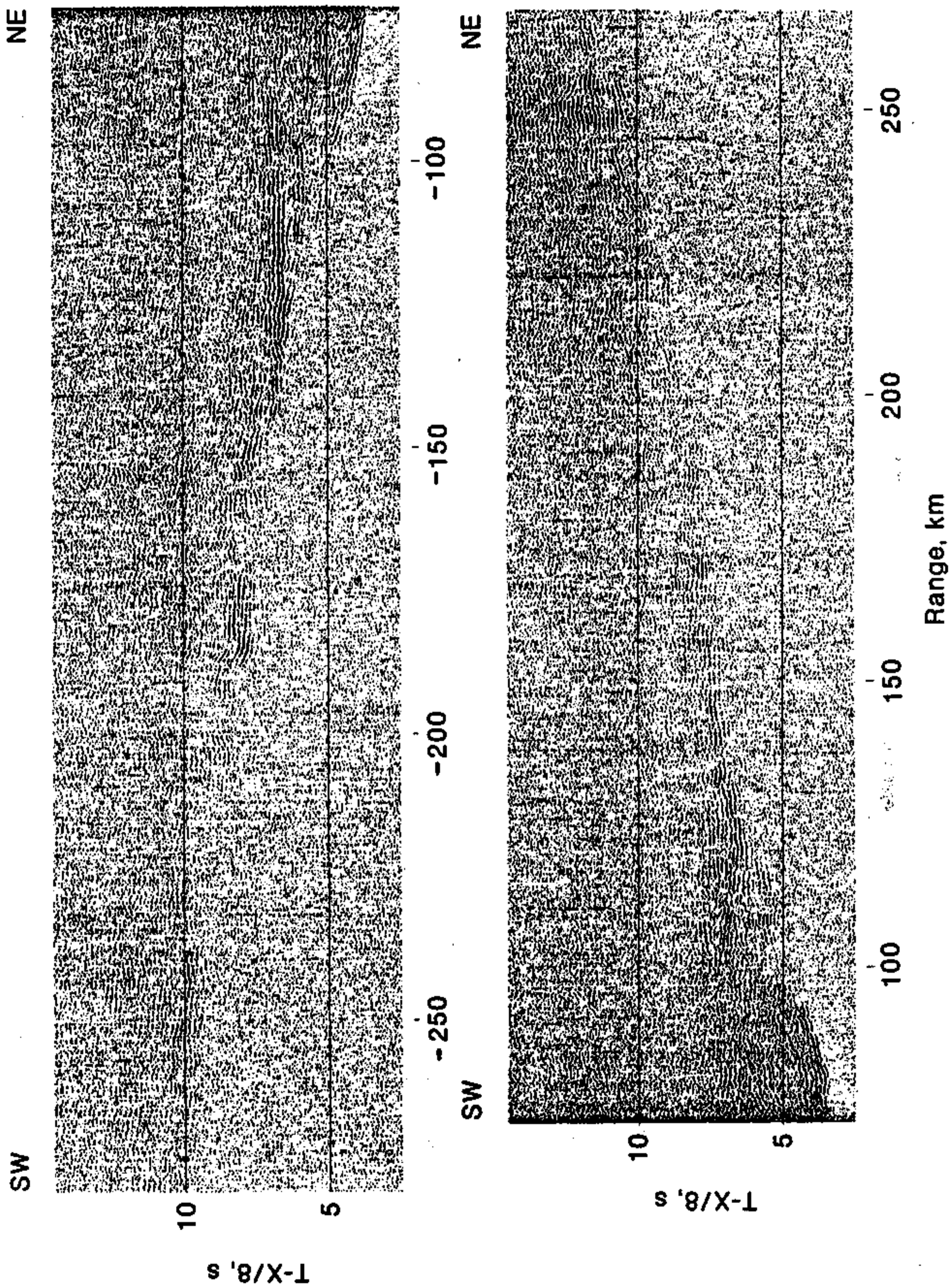


Figure 16. Receiver gather for station Novoye Chaplino from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

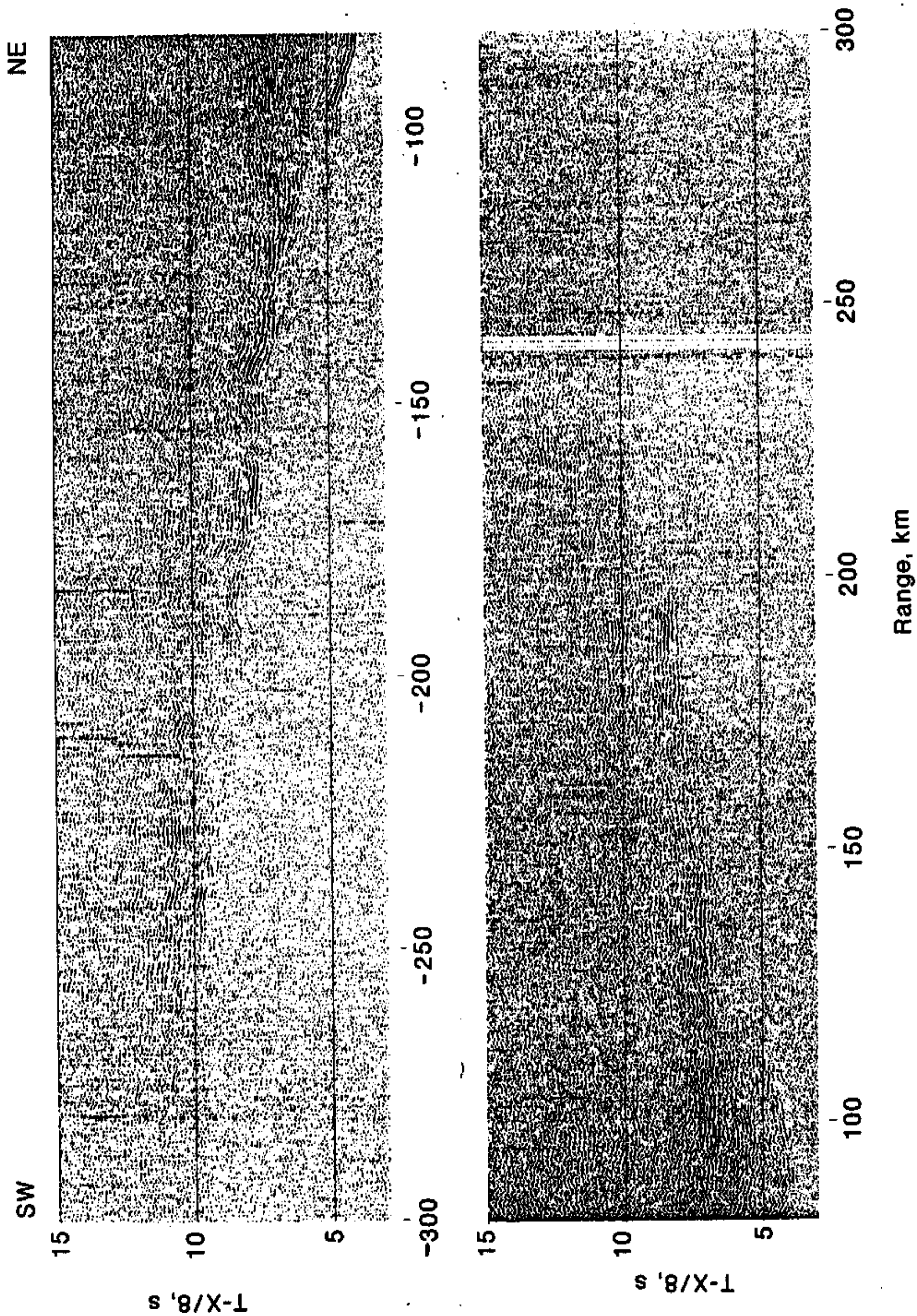


Figure 17. Receiver gather for station Provideniya, PDAS from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

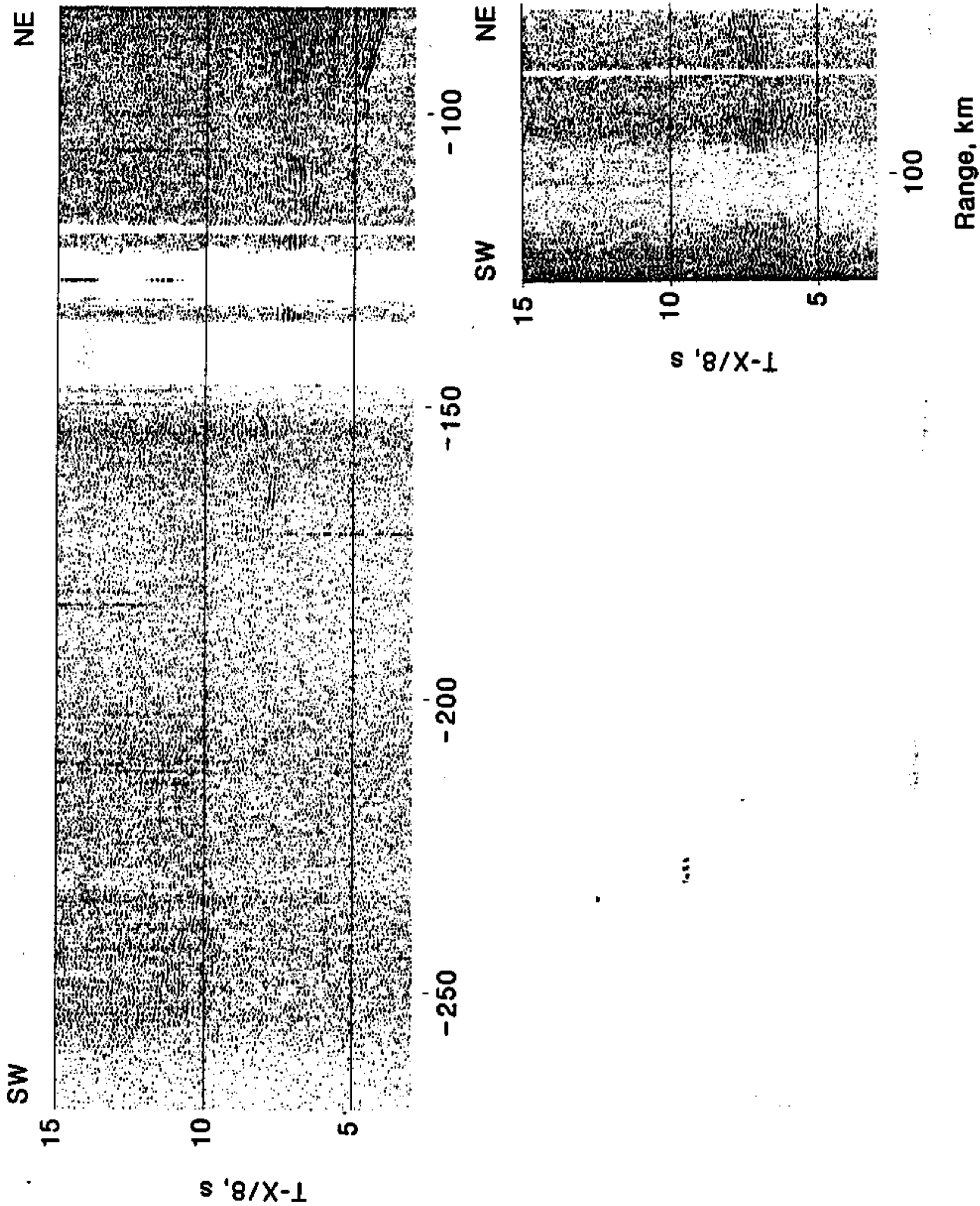


Figure 18. Receiver gather for station Providenceya, Guralp seismometer, from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

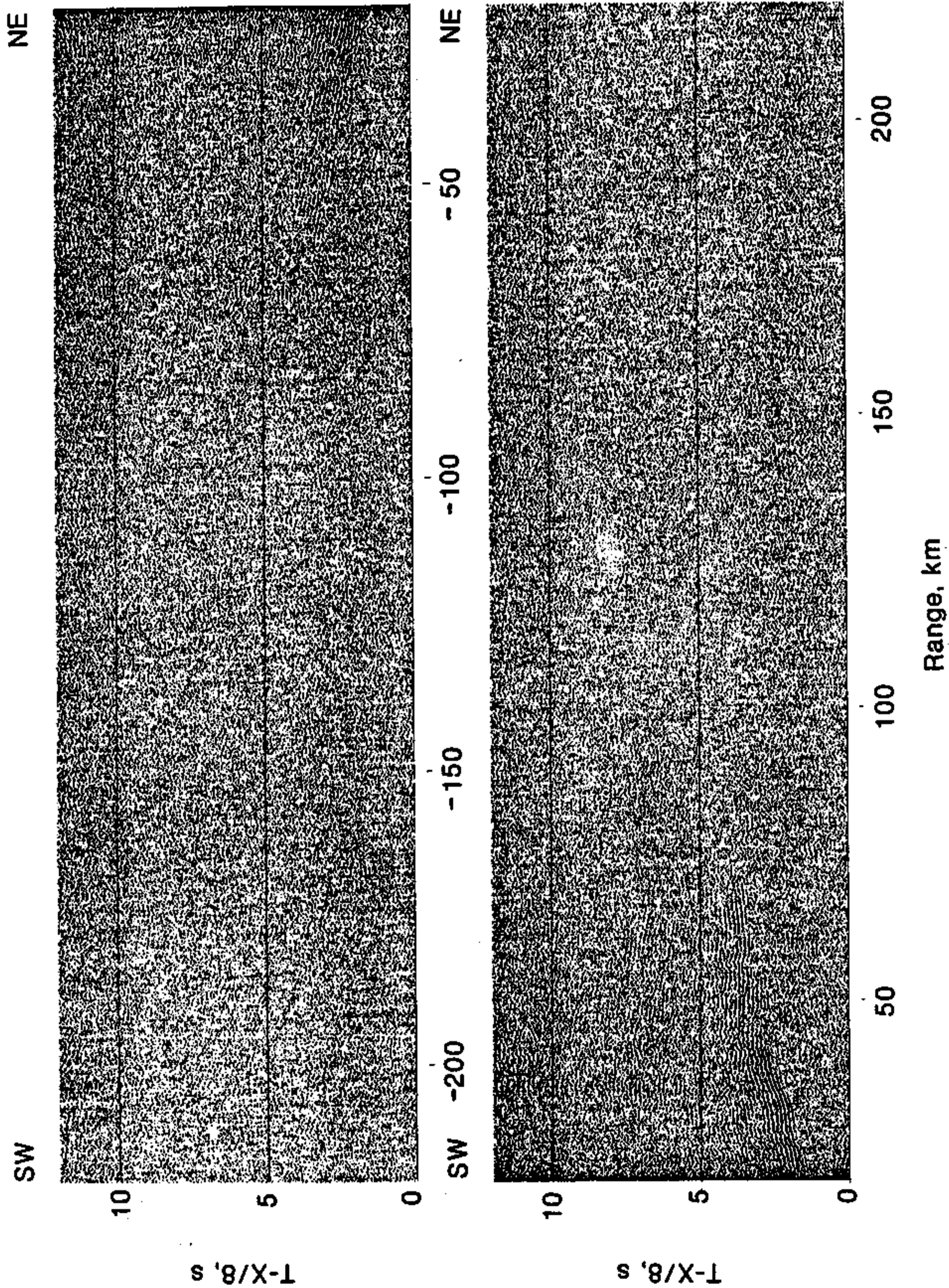


Figure 19. Receiver gather for station Gambell from Line 3. The record section has been linearly reduced using a velocity of 8 km/s, bandpass filtered (6 to 13 Hz), deconvolved with a spiking operator, and mixed over five traces.

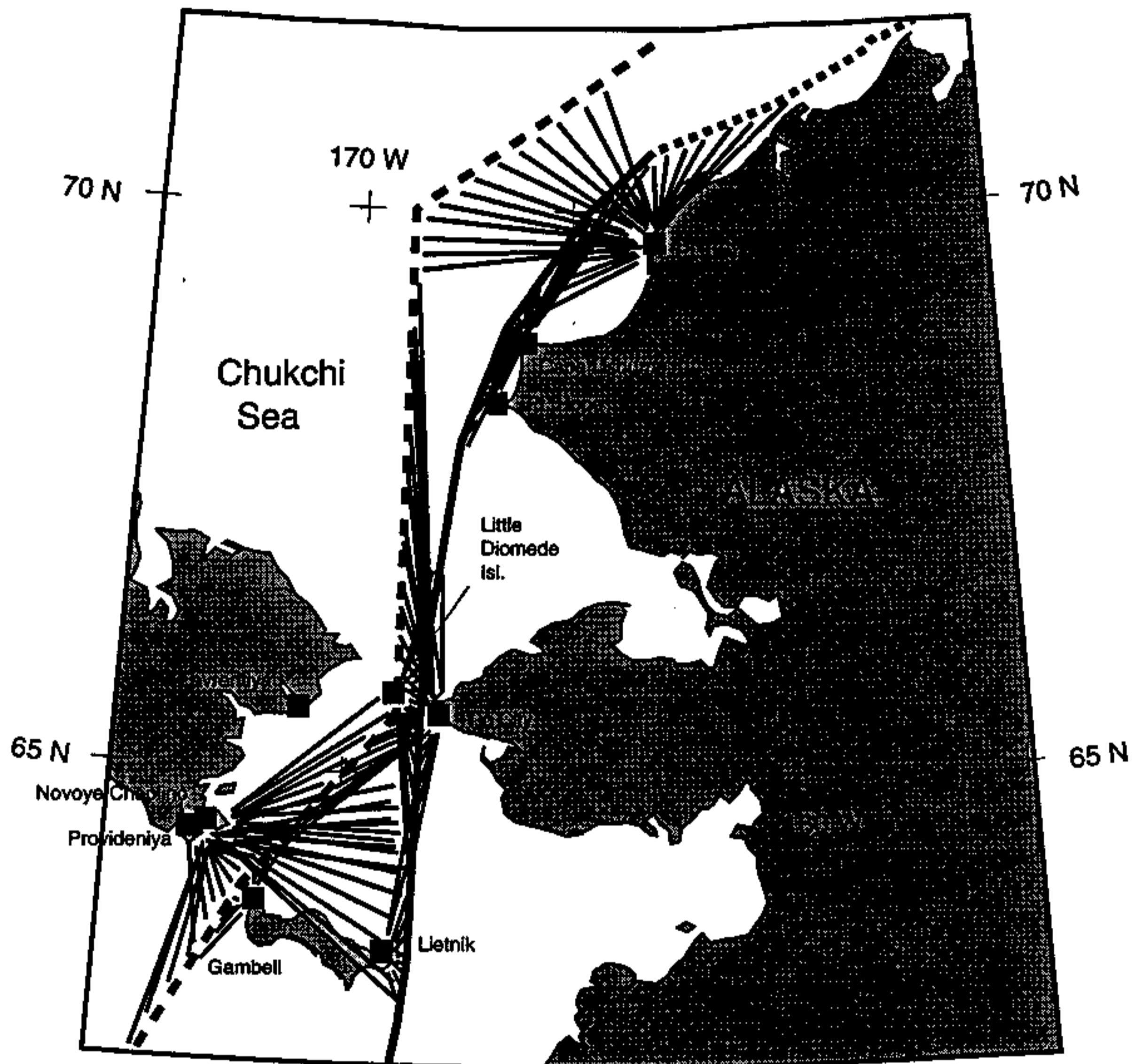


Figure 20. Detail of location map showing ray coverage provided by recorded data.

Weather conditions (smoothed over a day)

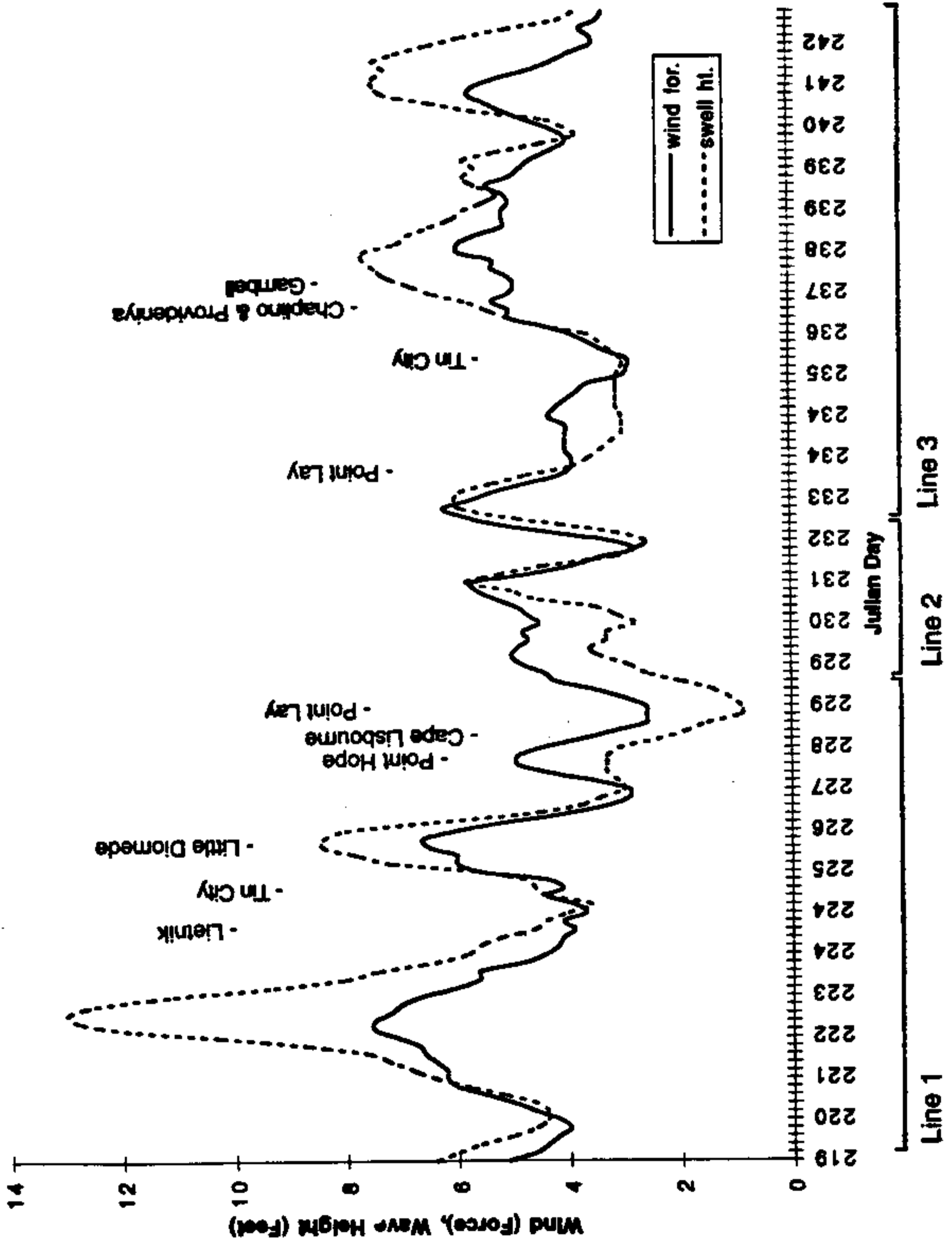


Fig. 21

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DR2	.
Arrival Date-Time (GMT)	2075	19:28 (11:30 ADT) 26 July
Personnel	Pil/Stok/Walt	
DAS S/N	370	
Old Disk S/N	5176	
New Disk S/N	—	YANK STATION
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRT/ON	
EVENTS/BLKS US/BLKS AV	3324	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	19:37
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		19:55
Departure Date-Time (GMT)	2075	19:55

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

*need SN
on geophone*

ITEM	STATUS	COMMENTS
Station	DR-3	INSTALL BUT NO TURN ON 7/4 1200 LT
Arrival Date-Time (GMT)	1865	18:02
Personnel		PAGE & CHOUET
DAS S/N	097	
Old Disk S/N	-	Install
New Disk S/N	5081	
Battery Voltage	12.72	PLS & Rick on 1865 to turn on
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary	<input checked="" type="checkbox"/>	
UTILITIES/FRMT/SCSI/YES	<input checked="" type="checkbox"/>	
UTILITIES/CLEAR RAM/YES	<input checked="" type="checkbox"/>	
DIAGNOSTS/ACQUISITNC4/12V	<input checked="" type="checkbox"/>	
MONITOR/1	1/2/3	OK
COMMUNICTNS/START ACQ/YES	<input checked="" type="checkbox"/>	
UTILITIES/DAS STATE	<input checked="" type="checkbox"/>	
Time OK?	<input checked="" type="checkbox"/>	
KIN OMEGA	ND	
ACQ		
EVENTS/BLKS US/BLKS AV	4/12/25	48
Apply Ext Time Marks	<input checked="" type="checkbox"/>	185: 19:16:00 - 19:17:00
Departure Date-Time (GMT)	186	18:20:00

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**


ITEM	STATUS	COMMENTS
Station	DR3	.
Arrival Date-Time (GMT)	1885	04 05
Personnel	Phil / (P. ...)	M. ...
DAS S/N	097	
Old Disk S/N	5081	
New Disk S/N	—	check
Battery Voltage	12.35	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	819	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	04:19 1885 Ratio 4 to 6
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNCTNS/START ACQ/YES	Yes	188 04:23
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	821	1244 ev @ 189 00:20
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1885	04:30

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	DR3	.
Arrival Date-Time (GMT)	2000	1955
Personnel	FLahr / PL-1	
DAS S/N	097	
Old Disk S/N	5081	
New Disk S/N	5033	
Battery Voltage	12.02	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	OFF	
EVENTS/BLKS US/BLKS AV	2883	will not dump to disk
Apply Ext Time Marks		Ram full
COMMUNICATNS/STOP ACQ/YES		Continuous channel 100sps
UTILITIES/DAS STATE		
Swap recording disks	Yes	
Change batt if necessary	add Ref tek	
Change params if necessary		Changed COW to 50sps
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	Yes	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/I	1 ok	
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	195 20:33
EVENTS/BLKS US/BLKS AV	6	
Apply Ext Time Marks	1955	20:35 - 20:34
Departure Date-Time (GMT)	1955	20:50

change ratio to 5
20:40

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	DR3	.
Arrival Date-Time (GMT)	2075	23:45 (3:45 AM 26 Feb)
Personnel	Phil/Steve/Walt	
DAS S/N	097	
Old Disk S/N	5033	
New Disk S/N	—	YANK SITE
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	STOP	Not acquiring data though
EVENTS/BLKS US/BLKS AV	1124	825 blks used for many
Apply Ext Time Marks	NO	minutes
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/I		
COMMUNICATNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991

STATION SERVICE REPORT

GEOPHONE
N/S
456

ITEM	STATUS	COMMENTS
Station	DR 4	INSTALL 7/4 2100 LT
Arrival Date-Time (GMT)		
Personnel		PAGE & CHOUET
DAS S/N		
Old Disk S/N		
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
→ UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/I	OK	CHECKED CH 1, 2, 3 OK
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991/186/05:28
KIN OMEGA	OK	OMEGA NOT LOCKED
ACQ	OK	
EVENTS/BLKS US/BLKS AV	012	1/8/2552
Apply Ext Time Marks		
Departure Date-Time (GMT)		

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DR 4	.
Arrival Date-Time (GMT)		21:23 AST
Personnel		CHOUET & DAWSON
DAS S/N	359	
Old Disk S/N	5071	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE	OK	
Time OK?	OK	05:25 191 189
KIN OMEGA	OK	OMEGA: MD
ACQ		
EVENTS/BLKS US/BLKS AV		1898 / 989 / 1556
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	189	05:35

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DR4	.
Arrival Date-Time (GMT)	1955	21:00
Personnel	FB0-	JLack
DAS S/N	359	
Old Disk S/N	5071	
New Disk S/N	5067	
Battery Voltage	12.1	Attach Reftex B&M
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NDR	
ACQ	OFF	
EVENTS/BLKS US/BLKS AV	3930	
Apply Ext Time Marks	—	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	1/ok	
COMMUNICTNS/START ACQ/YES	Yes	1955 21:25
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA	1	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	3932	
Apply Ext Time Marks	1955	21:28 - 21:29
Departure Date-Time (GMT)	1955	21:40

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DR4	.
Arrival Date-Time (GMT)	2075	20:45 (26 July 12:45 AOT)
Personnel	Phil / Steve / Walt	
DAS S/N	342	
Old Disk S/N	5081	
New Disk S/N	—	YANK STATION
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	START / OFF	
EVENTS/BLKS US/BLKS AV	6243	Full Ram
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	Yes	20:54
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	21:20	2075

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DRY	.
Arrival Date-Time (GMT)	23:15	2075 (15:15 J-ly 26)
Personnel	Phil/Alan/Wall	
DAS S/N	359	
Old Disk S/N	5067	
New Disk S/N	-	YANK SITE
Battery Voltage	-	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	START LEFT	
EVENTS/BLKS US/BLKS AV	7740	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	23:21
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
[REDACTED]		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075	23:42

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

GEOPHONE
S/N
448

ITEM	STATUS	COMMENTS
Station	DR 5	.INSTALL 7/7
Arrival Date-Time (GMT)	20130 AIT	
Personnel		CHOUET & DAWSON
DAS S/N	345	
Old Disk S/N	5021	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/I	OK	CHECKED CH#1,2,3
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	05:05:30 / 1991 / 189
KIN OMEGA	OK	JAPAN
ACQ	OK	
EVENTS/BLKS US/BLKS AV	1 2	
Apply Ext Time Marks	↓	
Departure Date-Time (GMT)	189	05:10

REDOUBT SEISMIC EXPERIMENT, 1991

STATION SERVICE REPORT


DR5

ITEM	STATUS	COMMENTS
Station	VIDEO	REDOUBT VOLCANO
Arrival Date-Time (GMT)	14:06 ADT	7/17/91
Personnel	CAG	
DAS S/N	1991:198	22:05:40
Old Disk S/N	5021	
New Disk S/N	5071(?)	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?	22:05:40	
KIN OMEGA	HAW	
ACQ	STRT OFF	
EVENTS/BLKS US/BLKS AV	3979 /	2560 / ϕ
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FORMS/SCSI/YES		
UTILITIES/CLEAR RAMS/YES		
DIAGNOSTS/ACQUISITNC/12V		
MONITOR/1		
COMMUNCTNS/START ACQ/YES	CONT FWR SC1	
UTILITIES/DAS STATE	1991:198	
Time OK?	22:39	1442
KIN OMEGA	HAW	
ACQ	STRT ON	start probably
EVENTS/BLKS US/BLKS AV	3980 /	2201 / 358 (several min later)
Apply Ext Time Marks		
Departure Date-Time (GMT)	14:44	

IGNORE

360 or slightly less in later

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	DR5	.
Arrival Date-Time (GMT)	2065	23 55
Personnel	PEL SHAR	
DAS S/N	B45	
Old Disk S/N	5071	
New Disk S/N		YANK SITE
Battery Voltage		
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	OK HAW	
ACQ	STRT/OFF	
EVENTS/BLKS US/BLKS AV	3988	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	E-2	INSTALL 7/4 1400 LT
Arrival Date-Time (GMT)	INSTALL	PIGE & CHOUET
Personnel		
DAS S/N	379	
Old Disk S/N	—	Install
New Disk S/N	5074	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	OK	CHECKED VERTICAL COMP
COMMUNICTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	KIN OMEGA NOT LOCKED
KIN OMEGA	OK	"
ACQ	OK	
EVENTS/BLKS US/BLKS AV		4/10/2500
Apply Ext Time Marks		185:19:28:00 - 19:29:00
Departure Date-Time (GMT)		

JUG S/W
461

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	E1	.
Arrival Date-Time (GMT)	1875	22:20
Personnel	Phil/Nike	
DAS S/N	379	
Old Disk S/N	5074	
New Disk S/N	—	check site
Battery Voltage	12.43	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	830/	1549/1008
Apply Ext Time Marks	187	22:32:00 - 22:33:00
COMMUNICATNS/STOP ACQ/YES	YES	
UTILITIES/DAS STATE	No	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	Change Ratio to 5
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITION/12V	~~~~~	
MONITOR/1	1/2/3	OK
COMMUNICATNS/START ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	835	10/2549 (1202 w/ 189 0304)
Apply Ext Time Marks	NO	
Departure Date-Time (GMT)	1875	22:00

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	E1	.
Arrival Date-Time (GMT)	1965	02:25
Personnel	PL1/JL	etc / M. L. L.
DAS S/N	379	
Old Disk S/N	5074	
New Disk S/N	5009	
Battery Voltage	12.06	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	OFF /	STRT Dump RAM to new disk
EVENTS/BLKS US/BLKS AV	3063	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	Yes 02:35
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	Add RT battery
Change params if necessary	Yes	Ratio to 5 0
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	NO	
MONITOR/I	NO	
COMMUNCTNS/START ACQ/YES	Yes	1965 02:38
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON /	STRT
EVENTS/BLKS US/BLKS AV	3064	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1965	02:45

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	E1	
Arrival Date-Time (GMT)	2075 22:13	(2:13pm AOT 26 July)
Personnel	Phil Sklar / Walt	
DAS S/N	379	
Old Disk S/N	5009	
New Disk S/N	—	YANK SITE
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	START/NO	
EVENTS/BLKS US/BLKS AV	6358	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	22:18
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
████████████████████		
MONITOR/1		
COMMUNICNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075 22:33	

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	EZ	INSTALL 7/4 1700 LT.
Arrival Date-Time (GMT)	7/5 0100	
Personnel		PAGE / CHUMET
DAS S/N	26249	
Old Disk S/N	—	Install
New Disk S/N	5035 5032	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary	✓	
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	OK	OFFSET CH1 VERTICAL, CH2 OK, OFFSET CH3
COMMUNICTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE		
Time OK?	OK	
KIN OMEGA		KIN OMEGA 520 NOT LOCKED
ACQ	OK	
EVENTS/BLKS US/BLKS AV	OK	5/12/2548
Apply Ext Time Marks		195:19:48.00 - 19:79:00
Departure Date-Time (GMT)		

GEORGE S/N
#477

pool GPS fix, need more.

+ 19:47:~30

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	E2	
Arrival Date-Time (GMT)	1875	19:50
Personnel	Phil/Mike	
DAS S/N	366	
Old Disk S/N	5083	check site
New Disk S/N	---	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	576 00	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	✓	
UTILITIES/DAS STATE		Noise -126 + 127
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	ratio to 5 - too many events
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITNG/CA/12V	No	
MONITOR/1	✓	ch 1 -126 + 127
COMMUNICTNS/START ACQ/YES	✓	ch 2 -83 105
UTILITIES/DAS STATE	✓	ch 3 -54 88
Time OK?	✓	
KIN OMEGA	1 - N/O	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	587	01/2495
Apply Ext Time Marks	1875	20:50:00 - 20:51:00
Departure Date-Time (GMT)	1875	21:20:00

$$\begin{array}{r} 13 \\ 43 \overline{) 576} \\ \underline{576} \\ 000 \end{array}$$

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**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	E2	.
Arrival Date-Time (GMT)	1885	0500
Personnel	Phil/Bernard/Mike	
DAS S/N	366	
Old Disk S/N	5083	
New Disk S/N	—	Check site
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NOR	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	692	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Swap recording disks	No	Swap DAS to 192
Change batt if necessary	No	≡
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	11217	ok
COMMUNCTNS/START ACQ/YES	✓	05:25
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NOR	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	293	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1885	05:40

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	E3	.
Arrival Date-Time (GMT)	187	21:30
Personnel	Phil/Milo	
DAS S/N	342	
Old Disk S/N	—	Install
New Disk S/N	5032	
Battery Voltage	12.6	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary	✓	
Change params if necessary	Yes	Ratio to 5
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	1/2/3	ok
COMMUNICTNS/START ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	5—	114/2435
Apply Ext Time Marks	✓ 187.5	21:57 - 21:58:00
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	E3	. REMOVE
Arrival Date-Time (GMT)	7/8 1530	ADT
Personnel		CHOUET/PAGE
DAS S/N	342	
Old Disk S/N	5032	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE	189 2330	
Time OK?		
KIN OMEGA	LOCKED	HAW
ACQ		
EVENTS/BLKS US/BLKS AV		827 / 608 / 1949
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

JUG
S/N 781

overcast, lit breeze

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	E4	.
Arrival Date-Time (GMT)	1875	23:00
Personnel	PL/Msk	
DAS S/N	376	
Old Disk S/N	—	Install
New Disk S/N	5044	
Battery Voltage	12.64	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary	—	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	Yes	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	1/2/3	OK
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	Yes	
KIN OMEGA	NO	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	4	
Apply Ext Time Marks	187	23:43:00 23:44:00
Departure Date-Time (GMT)	1875	2400

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	N1	
Arrival Date-Time (GMT)	7/8 20:20 ADT	
Personnel		CHOUET & PAGE
DAS S/N	366	
Old Disk S/N	5025	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	OK	CHECKED CHS 1,2,3 OK
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991 / 190 / 04:49
KIN OMEGA	OK	LOCKED ON AUS
ACQ	OK	
EVENTS/BLKS US/BLKS AV	OK	3/161 / 2392 / TRIGGER OK
Apply Ext Time Marks		
Departure Date-Time (GMT)		

GEOPHONE
S/N
501




REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	NI	
Arrival Date-Time (GMT)	1965	18:50
Personnel	Phil / J. L. / Mike	
DAS S/N	366	
Old Disk S/N	5025	
New Disk S/N	5171	
Battery Voltage	12.19	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRT OFF	
EVENTS/BLKS US/BLKS AV	136	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	196 19 00
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	
Change params if necessary	Yes	Ratio 5
UTILITIES/FRMT/SCSI/YES	No	Wrenches run in lab
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1'	1/0t	
COMMUNCTNS/START ACQ/YES	Yes	196 : 19 : 15
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STRT ON	
EVENTS/BLKS US/BLKS AV	138	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1965	19:25

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**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	NI	.
Arrival Date-Time (GMT)	2075	00:50
Personnel	PB0/JL	
DAS S/N	366	
Old Disk S/N	5171	
New Disk S/N	—	YANK STATION
Battery Voltage	11.79	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	STRT/OFF	
EVENTS/BLKS US/BLKS AV	4200	Full Ram
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/I		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks	↓	
Departure Date-Time (GMT)		01:10?

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SE2	.
Arrival Date-Time (GMT)	190	01 45
Personnel	PH-1/Rick	
DAS S/N	192	
Old Disk S/N	5083	
New Disk S/N	—	Move E2 to SE2
Battery Voltage	12.4v	
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	on	
EVENTS/BLKS US/BLKS AV	990	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	190 0026
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/I	1/2/3	ok 1 background 212-135
COMMUNICNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	on	
EVENTS/BLKS US/BLKS AV	992	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	190	01:30


REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	522	
Arrival Date-Time (GMT)	1915	22:00
Personnel	Phil / Bob / Rick	
DAS S/N	192	
Old Disk S/N	5083	
New Disk S/N	—	Check site = GPS
Battery Voltage	12.34	
UTILITIES/DAS STATE	✓	Site destroyed by bear
Time OK?	✓	last recorded event
KIN OMEGA	500	1905 20:36
ACQ		(teeth knocking)
EVENTS/BLKS US/BLKS AV	1204	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	YES	
UTILITIES/DAS STATE	No	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	1/2/3	ok
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	1915	22:30
Time OK?	Y	
KIN OMEGA	500	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	1206	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)		

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SEZ	
Arrival Date-Time (GMT)	196	02:45
Personnel	Phil / J. L. / Mike	
DAS S/N	192	
Old Disk S/N	5083	
New Disk S/N	5023	
Battery Voltage	12.07	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	2228	
Apply Ext Time Marks	Yes	196 : 02 : 53
COMMUNICATNS/STOP ACQ/YES	Yes	196 : 02 : 54
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	Attach RT battery
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/CA/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	02:57
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	2235	
Apply Ext Time Marks	Yes	196 : 02 : 58
Departure Date-Time (GMT)	1965	03:05

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SE2	.
Arrival Date-Time (GMT)	2075	21:40 (13:44 AD? 26 July)
Personnel	Phil / J. Lake / Walt	
DAS S/N		
Old Disk S/N		Bear damage - no
New Disk S/N		power - unit on side
Battery Voltage		batteries disconnected
UTILITIES/DAS STATE		and kicked around
Time OK?		
KIN OMEGA		Picked up i ran
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/I		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2076	22:10

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SE3	.
Arrival Date-Time (GMT)	189	22:00
Personnel	Phil/Rick	
DAS S/N	340	
Old Disk S/N	—	Install
New Disk S/N	086	
Battery Voltage	12.71	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		1905 HAW 04:09
EVENTS/BLKS US/BLKS AV		57 ev
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		└
Change params if necessary	Yes	ratio 5 (small disk)
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	Yes	
DIAGNOSTS/ACQUISITN/C4/12V	└	
MONITOR/1	1/2/3	ok
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	Y	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	2	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	189	22:40

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REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	CS3	.
Arrival Date-Time (GMT)	1976	23:55
Personnel	Phil/John/Mike	
DAS S/N	340	
Old Disk S/N	086	
New Disk S/N	5074	
Battery Voltage	12.62-11.92	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	11 AW	
ACQ	SFRT ON	
EVENTS/BLKS US/BLKS AV	1462	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	1975	00:05
UTILITIES/DAS STATE		
Swap recording disks	Yes	
Change batt if necessary	No	Attach RT batt
Change params if necessary	Yes	ratio - 5
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	1/ok	
COMMUNICATNS/START ACQ/YES	Yes	197 24.
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STRT/ON	
EVENTS/BLKS US/BLKS AV	1466	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	197	00:25

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**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SE3	.
Arrival Date-Time (GMT)	2075	21:19 (1:23 pm ADT 26th)
Personnel	Pl-1/John/Walt	
DAS S/N	340	
Old Disk S/N	5074	
New Disk S/N	—	Grand Yank Site
Battery Voltage	11.82	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRON	
EVENTS/BLKS US/BLKS AV	2700	
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	Yes	2075 21:23
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075	21:45

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SE4	OLD E3 RESET @ SE4 INSTALL
Arrival Date-Time (GMT)	7/8 15:45 ADT	
Personnel		CHOUET & PAGE
DAS S/N		
Old Disk S/N	342	
New Disk S/N	5032	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	—	SKIPPED
UTILITIES/CLEAR RAM/YES	—	SKIPPED
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/A	OK	CHECKED CHS # 1, 2, 3 OK
COMMUNICATNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991/190/00:21
KIN OMEGA	OK	OMEGA LOCKED ON HAW
ACQ		
EVENTS/BLKS US/BLKS AV	OK	829/14/2545/TRIGGER OK
Apply Ext Time Marks		
Departure Date-Time (GMT)		

GEOPHONE
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REDOUBT SEISMIC EXPERIMENT, 1991

STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SE4	
Arrival Date-Time (GMT)	1970	0030
Personnel	Phil/John/M. K.	
DAS S/N	342	
Old Disk S/N	5072	
New Disk S/N	5081	
Battery Voltage	12.11	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	START/OFF	
EVENTS/BLKS US/BLKS AV	2587	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	1973 00:32
UTILITIES/DAS STATE		
Swap recording disks	Yes	
Change batt if necessary	No	Attach RT Batt
Change params if necessary	Yes	update S
UTILITIES/FRMT/SCSI/YES	No	wrencher in lab
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	197: 00:41
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	2588	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	197	0050

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SES	.
Arrival Date-Time (GMT)	189	2300
Personnel	Phil/Rick	
DAS S/N	376	
Old Disk S/N	5044	
New Disk S/N	—	Relocate @ E4
Battery Voltage	12.4V	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		864 04:01 1905
EVENTS/BLKS US/BLKS AV		HAW
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary	L	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	1/2/3	
COMMUNICTNS/START ACQ/YES	Yes	1905 00 13
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	771	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1905	0025

6015'

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SES	.
Arrival Date-Time (GMT)	1975	00:50
Personnel	Phil/John	Lee/Mike
DAS S/N	376	
Old Disk S/N	5044	
New Disk S/N	5077	
Battery Voltage	17.05	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	START/OFF	
EVENTS/BLKS US/BLKS AV	2874	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	Attach RT battery
Change params if necessary	Yes	
UTILITIES/FRMT/SCSI/YES	No	Wrenches in Lab
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	1975 01:00
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	START/ON	
EVENTS/BLKS US/BLKS AV	2875	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1975	01:05

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**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SES	.
Arrival Date-Time (GMT)	207 J	03:55
Personnel	Phil / J. L. / Walt	
DAS S/N	376	
Old Disk S/N	5077	
New Disk S/N	—	YANK SITE
Battery Voltage	11.62	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRT/OFF	1
EVENTS/BLKS US/BLKS AV	6786	Full Range
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	207 J	04:20

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station 501		INSTALLATION
Arrival Date-Time (GMT)	7/3 2140	
Personnel		PAGE & CHUET
DAS S/N 237		
Old Disk S/N 5191		
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	OK	CHECKED VERTICAL
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?		191 / 184 / 22:38
KIN OMEGA		NOT LOCKED
ACQ	OK	1/17/2543
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

246
1479

Loran (N 3993) 60 29.9 152 48.4

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

22.047
8206

ITEM	STATUS	COMMENTS
Station	SU1	.
Arrival Date-Time (GMT)	1915	0410
Personnel	Phil/Rick	
DAS S/N	237	
Old Disk S/N	5191	660 MB
New Disk S/N	—	check site
Battery Voltage	12.1v	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	3201	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	3201	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1915	04:30

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152 46.025 P20p 002

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	501	.
Arrival Date-Time (GMT)	2065	22:05
Personnel	Phil / Leah	
DAS S/N	237	
Old Disk S/N	5191	Remove
New Disk S/N	1	
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA		Disconnected antennas
ACQ	START/OFF	
EVENTS/BLKS US/BLKS AV	8265	
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2065	22 30

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

JUG S/N
505

ITEM	STATUS	COMMENTS
Station	SU 2	
Arrival Date-Time (GMT)	7/4 0018	
Personnel		PAGE & CHOVET
DAS S/N	382	
Old Disk S/N	5182	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/A	OK	CHECKED VERTICAL
COMMUNICTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?		191/185/00:43
KIN OMEGA		[NOT LOCKED ON] ND 0053
ACQ	OK	on
EVENTS/BLKS US/BLKS AV	OK	1/20/2538
Apply Ext Time Marks		
Departure Date-Time (GMT)		

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

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ITEM	STATUS	COMMENTS
Station	SU2	.
Arrival Date-Time (GMT)	1915	00:40
Personnel	Pre/Rick	
DAS S/N	382	
Old Disk S/N	5182	
New Disk S/N	—	check
Battery Voltage	12.2	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	4453	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	191 01 00
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	4455	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	0120	1915

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Jug hole

REDOUBT SEISMIC EXPERIMENT, 1991

STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SU2	.
Arrival Date-Time (GMT)	1991	2065 21:25
Personnel	PL1 / SKH	
DAS S/N	382	
Old Disk S/N	5182	Remove
New Disk S/N	—	
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	No	Antennae Broken
KIN OMEGA	500	
ACQ	STRT / OFF	
EVENTS/BLKS US/BLKS AV	11,712	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	No	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/1		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2065	21:30

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	S123	installation
Arrival Date-Time (GMT)		
Personnel		PAGE & CHOUET
DAS S/N	362	
Old Disk S/N	5193	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		OK
UTILITIES/CLEAR RAM/YES		OK
DIAGNOSTS/ACQUISITION/OK		
MONITOR/1		OK / CHECKED VERTICAL COMP
COMMUNICTNS/START ACQ/YES		OK
UTILITIES/DAS STATE		OK
Time OK?		1771 / 184 / 20:44
KIN OMEGA		500 (NOT LOCKED ON TEST)
ACQ		ON
EVENTS/BLKS US/BLKS AV		1 / 17 / 2543
Apply Ext Time Marks		
Departure Date-Time (GMT)		

JUG
S/N
494


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phone
S/N~~

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 locn (N 38993) 60 30.1 152 47.2

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	503	.
Arrival Date-Time (GMT)	2065	22:40
Personnel	PL-1 / Jhal	
DAS S/N	362	
Old Disk S/N	5193	
New Disk S/N	—	
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	-HAW	
ACQ	STRT / OFF	
EVENTS/BLKS US/BLKS AV	14825	+ full RAM
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/I		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	S44	INSTALL
Arrival Date-Time (GMT) 7/8	14:30 ADT	
Personnel		CHOUET & PAGE
DAS S/N	148	
Old Disk S/N	5183	660 MBYTE DISK
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/I	OK	CHECKED CHS # 1, 2, 3 OK
COMMUNICATNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1991 / 189 / 22:52
KIN OMEGA	OK	OMEGA LOCKED ON MD
ACQ	OK	
EVENTS/BLKS US/BLKS AV	OK	3/163 / 2392 / TRIGGER OK
Apply Ext Time Marks		
Departure Date-Time (GMT)		

GEOMORPH
S/H
488



REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	SJ4	.
Arrival Date-Time (GMT)	191J	0020
Personnel	Phil/Rick	
DAS S/N	148	
Old Disk S/N	5183	
New Disk S/N	—	check
Battery Voltage	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	877	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	No
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	879	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	191	00:40

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REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	S04	.
Arrival Date-Time (GMT)	206	23:20
Personnel		
DAS S/N		
Old Disk S/N	5183	
New Disk S/N	—	YAWL STATION
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA	500	
ACQ	START ON	
EVENTS/BLKS US/BLKS AV	6125	
Apply Ext Time Marks		Poll plug
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
████████████████████		
MONITOR/I		
COMMUNICTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	206	23:50

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

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22.666 (G)

ITEM	STATUS	COMMENTS
Station	SUG	.
Arrival Date-Time (GMT)	1915	02:00
Personnel	Phil/Rick	
DAS S/N	356	
Old Disk S/N	5042	
New Disk S/N	NO	Check site - GPS
Battery Voltage	12.48	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	654	1915 02:20
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	NO	
UTILITIES/DAS STATE	—	
Swap recording disks	NO	
Change batt if necessary	NO	
Change params if necessary	NO	
UTILITIES/FRMT/SCSI/YES	NO	
UTILITIES/CLEAR RAM/YES	NO	
DIAGNOSTS/ACQUISITN/C4/12V	NO	
MONITOR/I	NO	
COMMUNCTNS/START ACQ/YES	NO	
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		

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3 23 17

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	S46	CHECK
Arrival Date-Time (GMT) 7/8	13:10 PDT	
Personnel		CHOQUET & PAGE
DAS S/N	356	
Old Disk S/N	5042	
New Disk S/N		
Battery Voltage		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	OK	
UTILITIES/CLEAR RAM/YES	OK	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	OK	CHECKED CUX # 1, 2, 3 OK
COMMUNCTNS/START ACQ/YES	OK	
UTILITIES/DAS STATE	OK	
Time OK?	OK	1321 / 189 / 21:42
KIN OMEGA	OK	LOCKED ON HD
ACQ	OK	
EVENTS/BLKS US/BLKS AV	OK	2 / 15 / 2545 / TRIGGER OK
Apply Ext Time Marks		
Departure Date-Time (GMT)		

GEOPHONE
S/M
465



**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SUG	.
Arrival Date-Time (GMT)	1965	20:35
Personnel	Phil/SLahy	Mike
DAS S/N	356	
Old Disk S/N	5042	
New Disk S/N	5083	
Battery Voltage	12.18	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	NOR	
ACQ	STRT/ON	
EVENTS/BLKS US/BLKS AV	3864	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	1965 20:38
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	
Change batt if necessary	No	
Change params if necessary	No	
UTILITIES/FRMT/SCSI/YES	Yes	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNICTNS/START ACQ/YES	Yes	196 20:44
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	500	
ACQ	STRT/ON	
EVENTS/BLKS US/BLKS AV	3865	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	1965	20 50

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	SUG	.
Arrival Date-Time (GMT)	2075	03:25
Personnel	Phil / Jeker	
DAS S/N	356	
Old Disk S/N	5083	
New Disk S/N	—	YANK SITE
Battery Voltage	11.72	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRT / OFF	
EVENTS/BLKS US/BLKS AV	7760	RAM FULL
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	NO	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
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MONITOR/I		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV	↓	
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075	03:48 50

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	W1	.
Arrival Date-Time (GMT)	20:45	184 J wed 3 Jul
Personnel	Phil/Rick)
DAS S/N	394	
Old Disk S/N	---	install
New Disk S/N	5079	
Battery Voltage	12.70	(
UTILITIES/DAS STATE		
Time OK?		No Time marks
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V	---	184 48/hrs
MONITOR/1	✓	186
COMMUNCTNS/START ACQ/YES	✓	
UTILITIES/DAS STATE		
Time OK?	✓	-1s
KIN OMEGA	500	
ACQ	STRG ON	
EVENTS/BLKS US/BLKS AV		211/2549
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	21:40	

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W1	.
Arrival Date-Time (GMT)	1865	20:15
Personnel	Phil/Rick	
DAS S/N	394	
Old Disk S/N	—	check
New Disk S/N	5079	
Battery Voltage	12.44	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	618/942	11611
Apply Ext Time Marks	—	
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	+	
COMMUNCTNS/START ACQ/YES	—	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	ND	
ACQ	ON	
EVENTS/BLKS US/BLKS AV		1024 @ 189 01:40
Apply Ext Time Marks	186	20:27:00 - 20:28:00
Departure Date-Time (GMT)	1865	20:35

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	WI	
Arrival Date-Time (GMT)	J195 21:47	
Personnel	JCL, PD	
DAS S/N	394	
Old Disk S/N	5079	
New Disk S/N	5037	
Battery Voltage	12.06	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	2836	
Apply Ext Time Marks	195	21:53-
COMMUNICATNS/STOP ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Swap recording disks	✓	
Change batt if necessary		add cable to use battery pack
Change params if necessary		
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/1	✓	
COMMUNICNS/START ACQ/YES	22:03:04	
UTILITIES/DAS STATE		
Time OK?	J195 22:05:00	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	~ 22:10	

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REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W1	2
Arrival Date-Time (GMT)	2075	19:05: (11:05) 26 J-ly
Personnel	Phil / JLab / Walt	
DAS S/N	394	
Old Disk S/N	5037	
New Disk S/N	—	7/AVE STATION
Battery Voltage	11.44	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRF / ON	
EVENTS/BLKS US/BLKS AV	5655	
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	Yes	2075 19:14
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
████████████████████		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)	2075	19:25

**REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT**

ITEM	STATUS	COMMENTS
Station	W2	.
Arrival Date-Time (GMT)	21:40	1845 3 July
Personnel	Phil/Rick	
DAS S/N	361	
Old Disk S/N	—	install
New Disk S/N	5053	
Battery Voltage	12.8 ✓	
UTILITIES/DAS STATE		No MINMARK
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
COMMUNICATNS/STOP ACQ/YES		
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary	✓	
UTILITIES/FRMT/SCSI/YES	✓	
UTILITIES/CLEAR RAM/YES	✓	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/I	✓	
COMMUNCTNS/START ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Time OK?	Yes	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	1/13/2	547
Apply Ext Time Marks	NO	
Departure Date-Time (GMT)	22:40	1845 3 July

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W2	.
Arrival Date-Time (GMT)	1865	20:40
Personnel	Phil Ricl	
DAS S/N	361	
Old Disk S/N	5053	
New Disk S/N	—	check site
Battery Voltage	12.4V	
UTILITIES/DAS STATE	✓	critters chewing cables
Time OK?	✓	
KIN OMEGA	HAW	scsi cable short - lost 300 events
ACQ	OFF	
EVENTS/BLKS US/BLKS AV	346 /	2560 / 0
Apply Ext Time Marks	NO	
COMMUNICATNS/STOP ACQ/YES	✓	11:00 cable - it was
UTILITIES/DAS STATE	✓	will leave it tape up into
Swap recording disks	✓	running position - try to get back
Change batt if necessary	✓	later ✓
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
DIAGNOSTS/ACQUISITN/C4/12V		
MONITOR/I	✓	
COMMUNCTNS/START ACQ/YES	✓	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	6 / 16 /	2544
Apply Ext Time Marks	1865	21:12:00 - 21:13:00
Departure Date-Time (GMT)	1865	21:25:00

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W2	.
Arrival Date-Time (GMT)	1885	04:35
Personnel	Phil/Bernard/Mike	
DAS S/N	361	
Old Disk S/N	5053	
New Disk S/N	—	Check site - change cable
Battery Voltage	—	
UTILITIES/DAS STATE	—	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	720	
Apply Ext Time Marks	—	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	—	
Swap recording disks	—	Change clamped up seisi
Change batt if necessary	—	cable
Change params if necessary	—	
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	—	
MONITOR/1	—	
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	720	
Apply Ext Time Marks	NO	
Departure Date-Time (GMT)	04:55	1885

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

3754 0126


ITEM	STATUS	COMMENTS
Station	WR	
Arrival Date-Time (GMT)	23:20	1915
Personnel	PEL/B. / Rick	
DAS S/N	361	
Old Disk S/N	5053	
New Disk S/N	—	check - GPS
Battery Voltage	12.2	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	OFF!	Ram full - not dumping to disk = only dumped 1.2 Mb
EVENTS/BLKS US/BLKS AV	2583	last event 1915 20:34?
Apply Ext Time Marks	No	would not dump.
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		ratio to 5 - re-ord to Ram
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	Yes	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	No	
COMMUNCTNS/START ACQ/YES	Yes	
UTILITIES/DAS STATE		
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	1	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)	191	23:45

stop 434 (00:34, 1925)
 18 events returned - data now dumps to disk? why?
 will start with delay to catch 800 sec window
 19 cu 10 h12 d. t. 00:48 1925 delay 99:59

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W2	.
Arrival Date-Time (GMT)	195	23:00
Personnel	Phil J. Lecher	
DAS S/N	361	
Old Disk S/N	5053	
New Disk S/N	126	
Battery Voltage	12.01	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	OFF	
EVENTS/BLKS US/BLKS AV	74	
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	Yes	-but! last shot is on disk
Change batt if necessary		2 - because stop acq dumps
Change params if necessary		to new disk
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	1/OK	
COMMUNICINS/START ACQ/YES	Yes	1955 23:24
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	75	
Apply Ext Time Marks	1955	23:25 - 23:26
Departure Date-Time (GMT)	1955	23:35

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

ITEM	STATUS	COMMENTS
Station	W2	.
Arrival Date-Time (GMT)	2075	18:40 (10:40:10 ⁵) 265-4
Personnel	PLJ / SLahr / Walt	
DAS S/N	361	
Old Disk S/N	126	
New Disk S/N	—	WANK STATION
Battery Voltage	11.26	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	STRF/ON	
EVENTS/BLKS US/BLKS AV	3045	Dumped when I plugged in
Apply Ext Time Marks		fortuitously? 1800 site
COMMUNICATNS/STOP ACQ/YES	✓	18:48 2075
UTILITIES/DAS STATE		
Swap recording disks		
Change batt if necessary		
Change params if necessary		
UTILITIES/FRMT/SCSI/YES		
UTILITIES/CLEAR RAM/YES		
		
MONITOR/1		
COMMUNCTNS/START ACQ/YES		
UTILITIES/DAS STATE		
Time OK?		
KIN OMEGA		
ACQ		
EVENTS/BLKS US/BLKS AV		
Apply Ext Time Marks		
Departure Date-Time (GMT)		18:59

SHOTS	1991 July (JD)	UT	LOCAL	STREAM
Summit	10 (191)	0400	8PM	4-191
Drift	10 (191)	0600	10 PM	5-191
Crescent	11 (192)	0000	4PM	3-191
Redoubt	11 (192)	0400	8PM	4-192

July	JD	July	JD		
1	182	16	197	097	DR3
2	183	17	198	148	SU4
3	184	18	199	192	SE2
4	185	19	200	237	SU1
5	186	20	201	340	SE3
6	187	21	202	341	CR2
7	188	22	203	342	SE4
8	189	23	204	343	CR4
9	190	24	205	345	DR5
10	191	25	206	356	SU6
11	192	26	207	359	DR4
12	193	27	208	361	W2
13	194	28	209	362	SU3
14	195	29	210	366	NI
15	196	30	211	370	DR2
		31	212	376	SE5
				379	E1
				382	SU2
				386	CR3
				394	W1

191.03 Crescent ✓
 191.04 Summit ✓
 191.05 Drift ✓
 192.04 Redoubt ✓

192.03

(148)

191.04
 191.05
 191.06
 191.07
 191.08
 191.09
 191.10
 191.11
 191.12

REDOUBT SEISMIC EXPERIMENT, 1991
STATION SERVICE REPORT

Pressure 22.171
Elev 8058

ITEM	STATUS	COMMENTS
Station	503	.
Arrival Date-Time (GMT)	1915	01:20
Personnel	Phil/Rick	
DAS S/N	362	
Old Disk S/N	5193	860 Mb
New Disk S/N	—	check site
Battery Voltage	12.2	
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	4811	1915 01:39
Apply Ext Time Marks	No	
COMMUNICATNS/STOP ACQ/YES	Yes	
UTILITIES/DAS STATE	✓	
Swap recording disks	No	
Change batt if necessary	No	
Change params if necessary	Yes	ratio to 5
UTILITIES/FRMT/SCSI/YES	No	
UTILITIES/CLEAR RAM/YES	No	
DIAGNOSTS/ACQUISITN/C4/12V	No	
MONITOR/1	11213	OK
COMMUNCTNS/START ACQ/YES	191	01:47
UTILITIES/DAS STATE	✓	
Time OK?	✓	
KIN OMEGA	HAW	
ACQ	ON	
EVENTS/BLKS US/BLKS AV	4814	
Apply Ext Time Marks	No	
Departure Date-Time (GMT)		

60° 29.953 03 16 17 78 1 m above jug
 152° 47.053 L partial
 pdop 6 2443 m