

SDCS-ER-76-126

FOR FURTHER TRAN ~~SM~~

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AD A 054631

**SPECIAL DATA COLLECTION SYSTEM (SDCS)  
SDCS NTS Event "ASIAGO," 21 December 1976**

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SDCS Event Report No. 126

NTS Event "ASIAGO", 21 December 1976

ABSTRACT

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the <sup>ASIAGO</sup> above event. Published epicenter information from seismic observations is <sup>GIVEN</sup> GIVEN.

ABSTRACT

	"P" Arrival	Origin Time	Latitude	Longitude	$m_b$	$M_s$
Hagfors	Negative					
LASA	Unreported	--	near regional distance			

All SDCS stations were operational during this time period, although RK-ON was the only one to record a useful signal. HN-ME was negative and Nevada stations were clipped. Long-period for SDCS was negative.

Only short-period LASA waveform data was recoverable from the SDAC/VELA Network detection processor.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response).

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION.....	
BY.....	
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Dist.	AVAIL. and/or SPECIAL
A	

## STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
NT-NV	Nevada Test Site	31 16 33.0 N 116 25 06.0 W		18300	N/A
NT2NV	Nevada Test Site	37 15 16.0 N 116 18 13.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

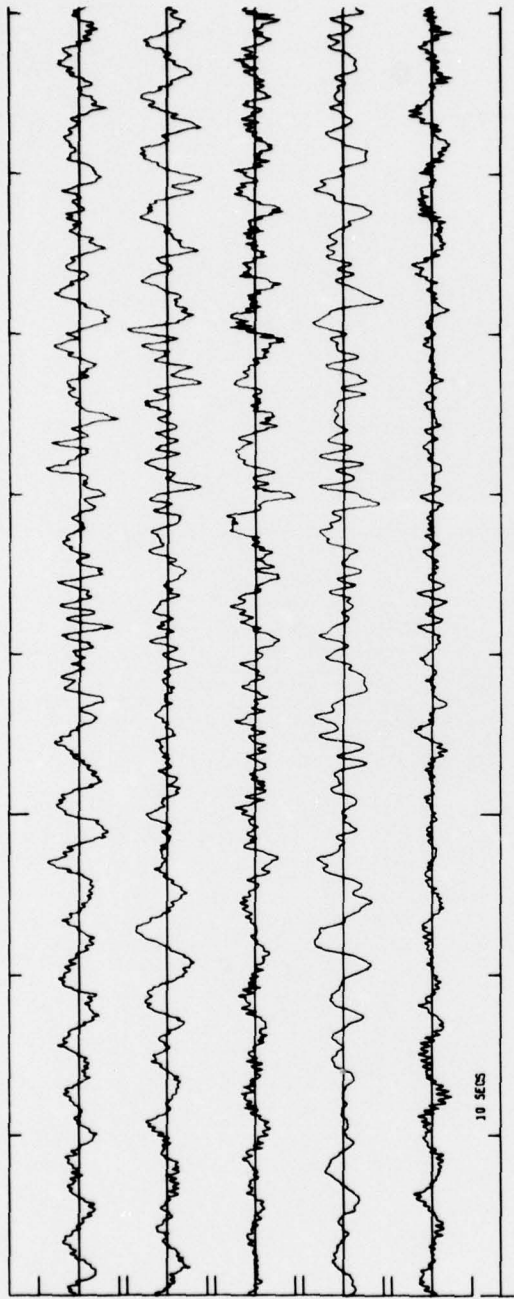
PREDA -- TRAVEL TIME PRFDICTIONS --

21DEC INPUT FOR EVENT 21 DEC 76  
 15:09:00.0 37.000N 116.000W 0KM.

STA.	TIME	SURF( CKM.)		DIST		AZI	
		TRAV.TIME	DEG.	KM.	FVT-STA	STA-FVT	
OB2NV P	15 09 04.3	0:04.3	0.23	25.4909	348.443	168.408	
OB3NV P	15 09 04.4	0:04.4	0.24	26.2509	349.440	169.408	
NT2NV P	15 09 06.4	0:06.4	0.34	37.8929	317.990	137.818	
NT-NV P	15 09 08.1	0:08.1	0.43	48.1569	309.600	129.348	
LAO P	15 11 52.8	2:52.8	12.11	1346.3806	33.872	220.403	
RK-ON P	15 13 45.4	4:45.4	21.10	2346.6204	41.990	237.640	
HN-ME P	15 16 06.8	7:06.8	36.58	4067.1921	60.108	273.026	
NAO P	15 20 32.3	11:32.3	73.31	8151.6133	24.170	318.013	
HFS P	15 20 40.7	11:40.7	74.76	8312.8984	23.524	320.323	

67 HERRIN TRAVEL TIME TABLES

SURF			
0	.	2	
0	.	0	
0	4.	2	1
.	.	.	.
0	0.	0	0
0	.	0	
0	.	0	



LA010SHQ0U1Z  
19.3 IN/UNIT  
(LR # 11)

LA010SHQ1U1Z  
19.3 IN/UNIT  
(LR # 10)

LA010SHQ2U1Z  
19.3 IN/UNIT  
(LR # 11)

LA010SHQ3U1Z  
21.9 IN/UNIT  
(LR # 12)

LA010SHQ4U1Z  
21.9 IN/UNIT  
(LR # 12)



1976  
356/15/11.30.0

10 SECS

LASA SHORT

PERIOD SUBARRAYS

21 DEC 76

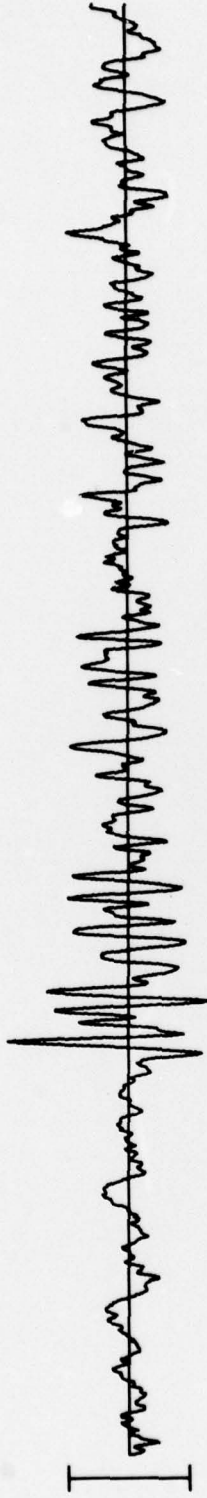
TIME 3.0 SECONDS

RK-ON 21 DEC 76

15:13:30.0



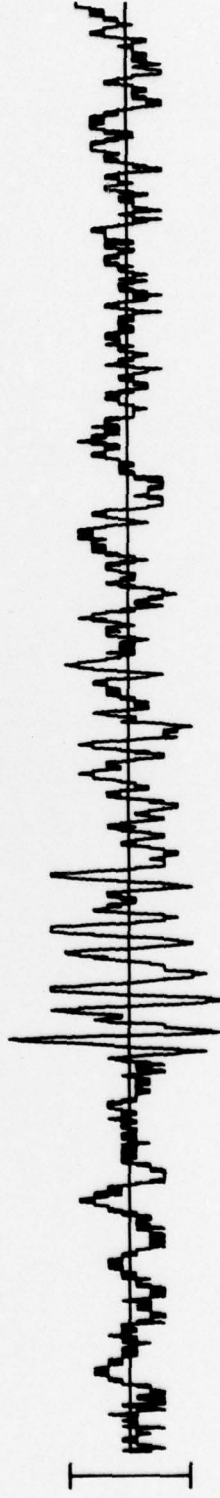
SPZ  
32.91 MU



SPR  
25.10 MU



SPT  
8.67 MU



SPZLO  
32.44 MU

10 SEC