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SPECIAL DATA COLLECTION SYSTEM EVENT REPORT - WESTERN
KAZAKH, 25 APRIL 1975

J. R. Woolson, et al

Teledyne Geotech

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**SPECIAL DATA COLLECTION SYSTEM EVENT REPORT
Western Kazakh, 25 April 1975**

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September 1975

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SDCS Event Report No. 5

Western Kazakh, 25 April 1975

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	Origin Time	Latitude	Longitude	m_b	M_s
NORSAR*	05:00:11	49.0N	47.0E	4.7	N/A
LASA	04:59:59	45.8N	44.9E	4.6	

For one SDCS station combined with the arrays the average magnitude becomes

RKON, LASA & NORSAR	N/A	N/A	N/A	4.4	
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*The listed epicenter is that published in the weekly NORSAR Bulletin. The included NORSAR plot is the same event prior to rework. A somewhat different epicenter is listed on the plot. The plot corresponding to the published epicenter was not recoverable.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response) with the exception of LASA and NORSAR short-period plots. LASA SP scaling factors are millimicrons per inch. Scaling factors are not reported for NORSAR short-period.

All SDCS stations were operational for this event; however, only RK-ON recorded a short-period signal. All long-period systems were negative. A possible signal appears on CPSO SP, but instrumentation spiking precludes arrival time or amplitude determination. The time window presented by the CPSO SP data presentation is offset from the predicted arrival time for this event due to extreme tape system spiking immediately before and after the data set.

Long-period data from NORSAR, LASA, and ALPS were unrecoverable.

DATA SUMMARY

Sta.	Phase	Arrival Time	Inst.	Per	A/T	m_b	Est. Dist.
NAO	EP	05:05:22.4	AB	0.9	18.6	4.36	26.3
RK-ON	EP	05:11:51.3	SPZ	0.45	6.1	4.39	78.1
LAO	EP	05:12:28.8	AB	0.8	6.5	4.51	85.0

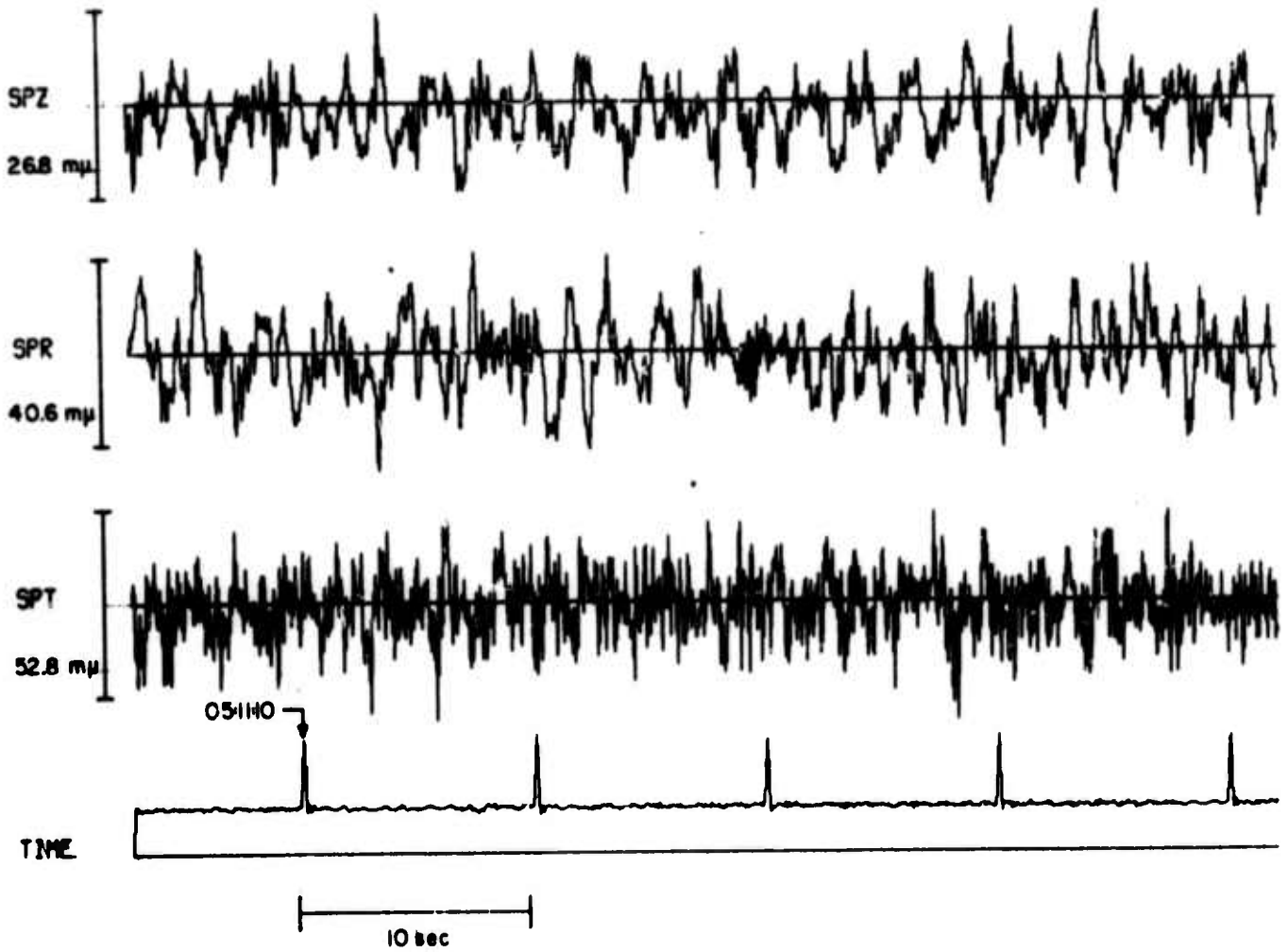
Average m_b = 4.42 (3 Stations)

STATION DESCRIPTION

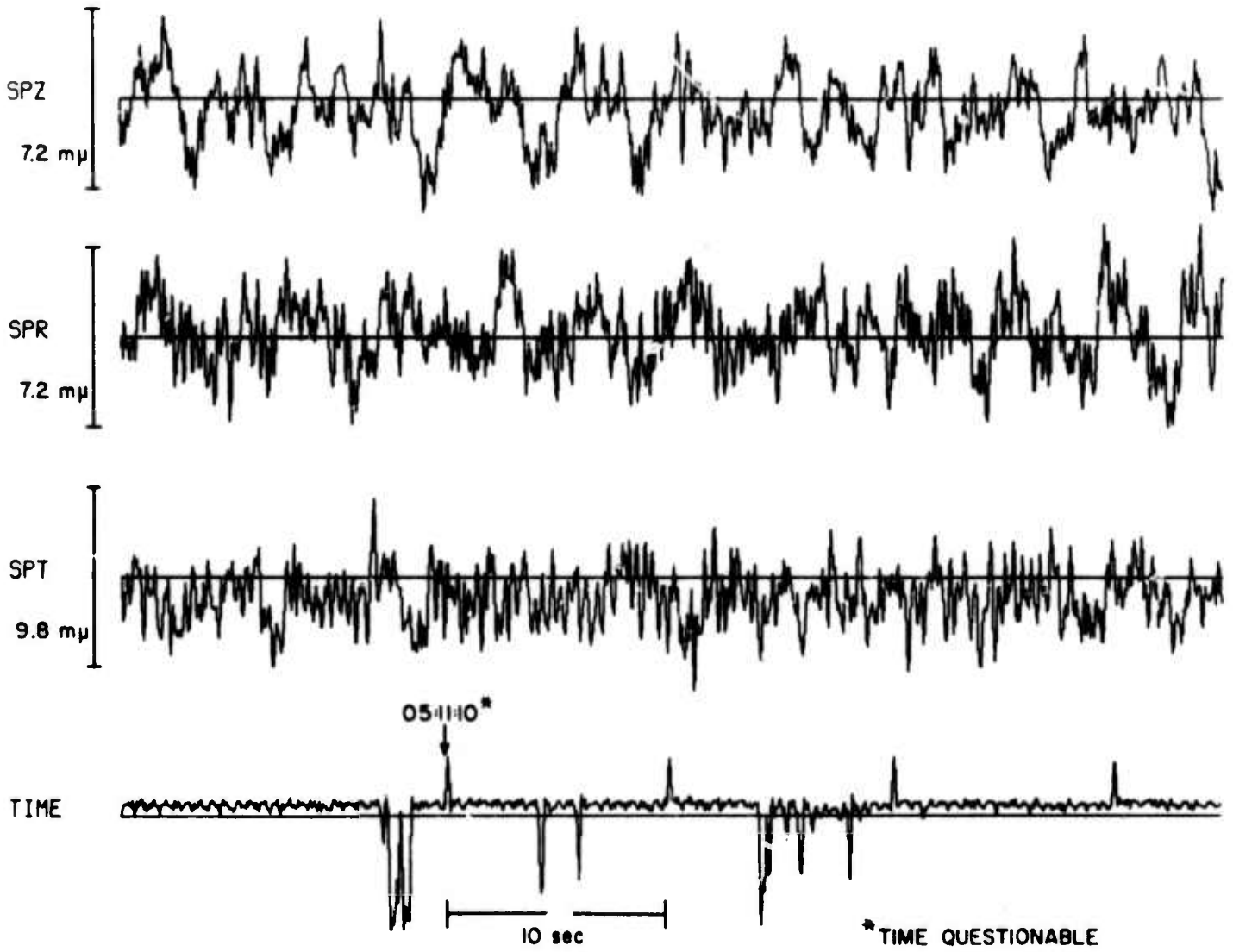
SITE CODE	LOCATION	SITE COORDINATES		ELEVATION METERS	INSTRUMENTATION	
		DEG	MN SECS		SHORT-PERIOD	LONG-PERIOD
ALPA	Alaska	65 14	00.0 N 147 44 36.0 W	457	None	31300
CPSO	McMinnville, Tennessee	35 35	41.4 N 085 34 13.5 W	574	6480 V 7515 H	SL210 V SL220 H
FN-WV	Franklin, West Virginia	38 32	58.0 N 079 30 47.0 W	910	KS36000	KS36000
LASA	Billings, Montana	46 41	19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
HN-ME	Houlton, Maine	46 09	43.0 N 067 59 09.0 W	213	18300	SL210 V SL220 H
NORSAR	Kjeller, Norway	60 49	25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H
RK-ON	Red Lake, Ontario	50 50	20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
WH2YK	White Horse, Yukon	60 41	41.0 N 134 58 02.0 W	853	18300	SL210 V SL220 H

1
2

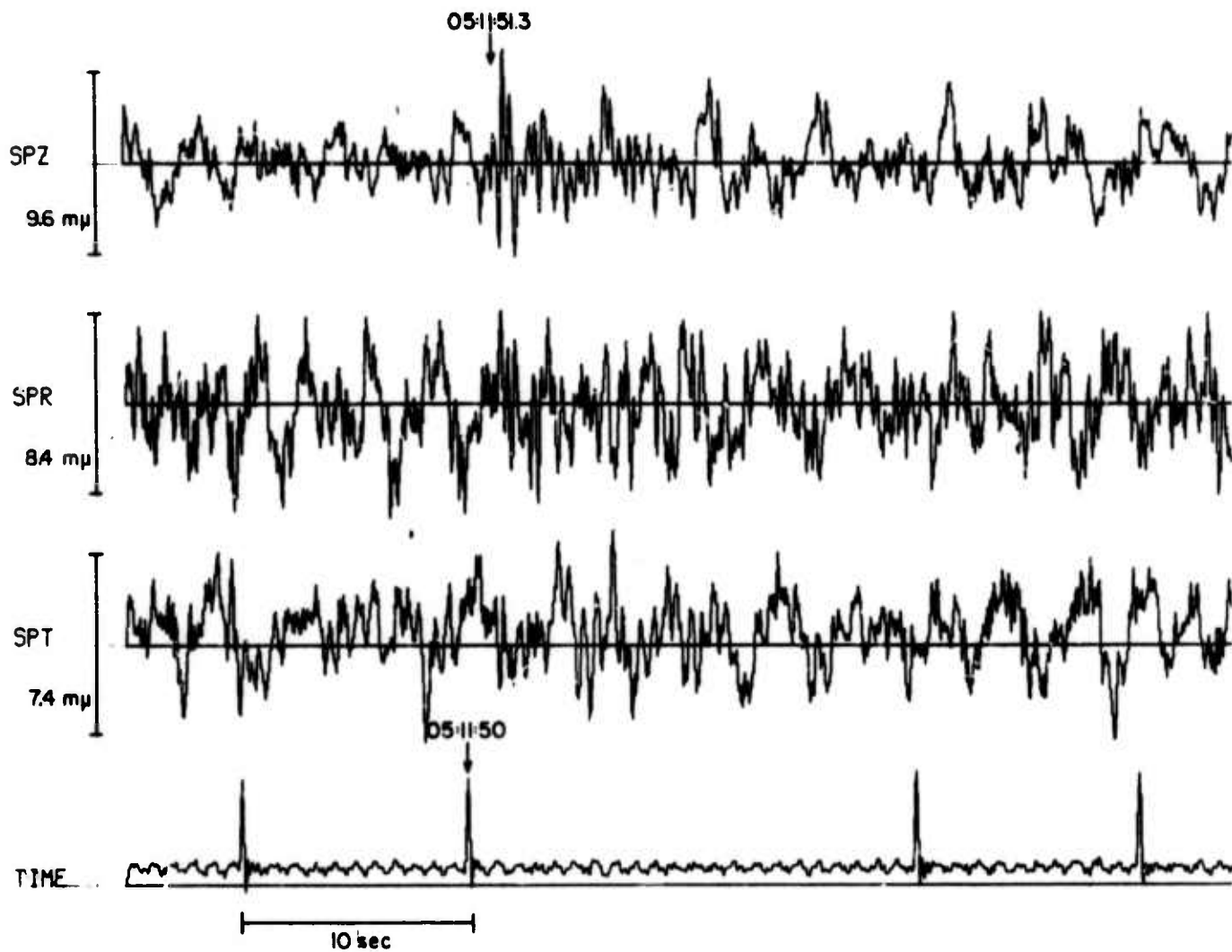
HN-ME 25 APR 75



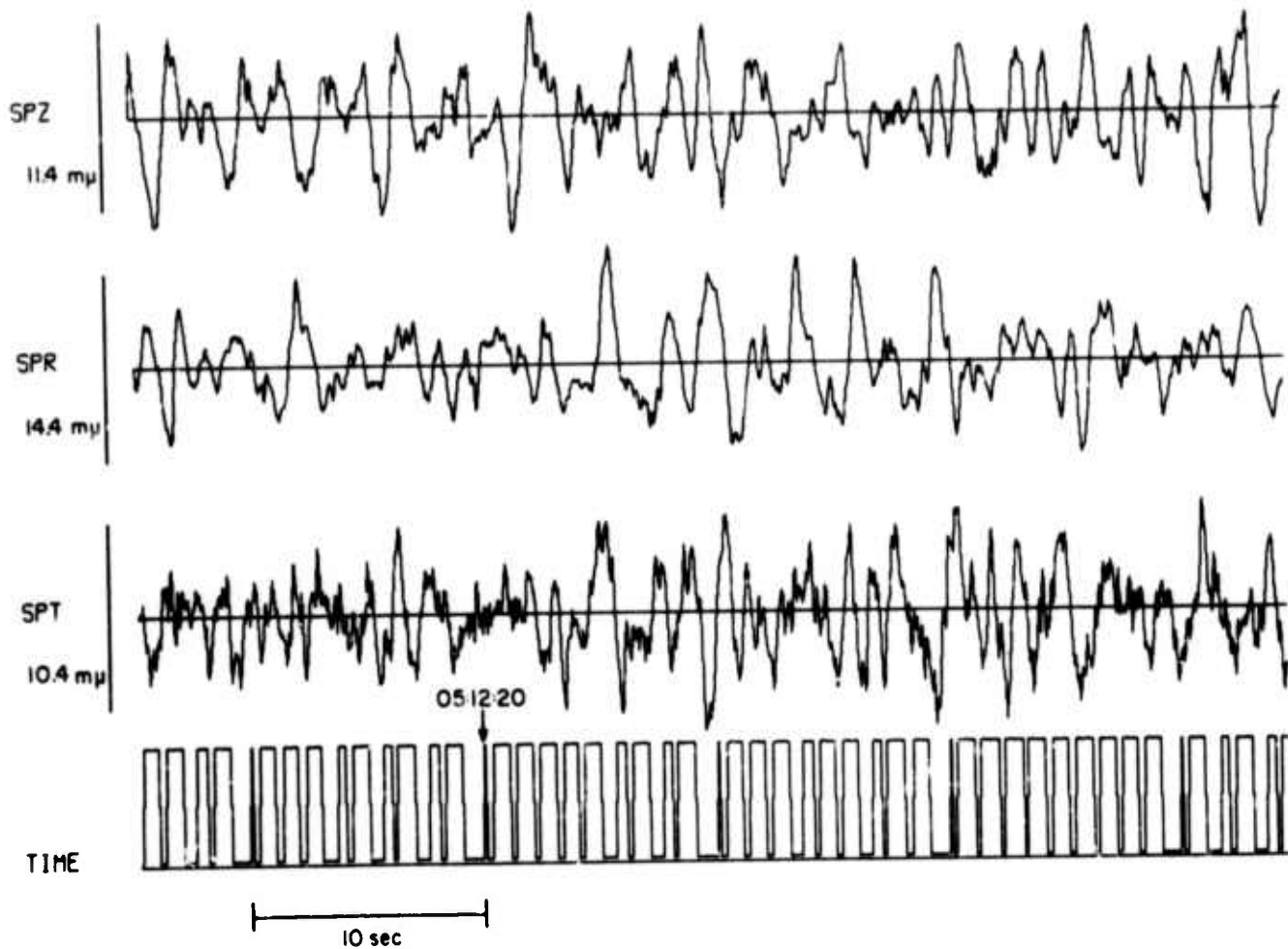
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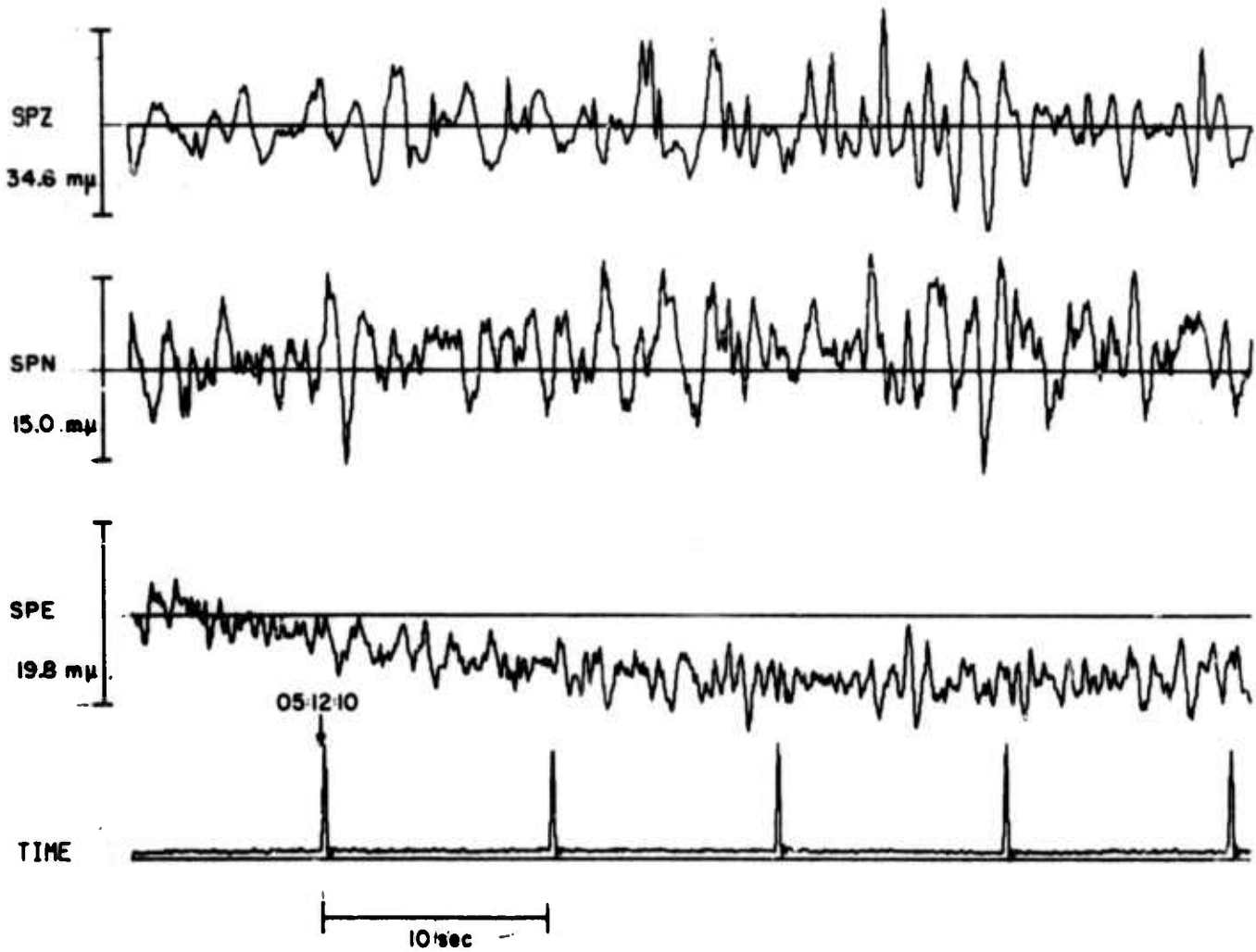
RK-ON 25 APR 75



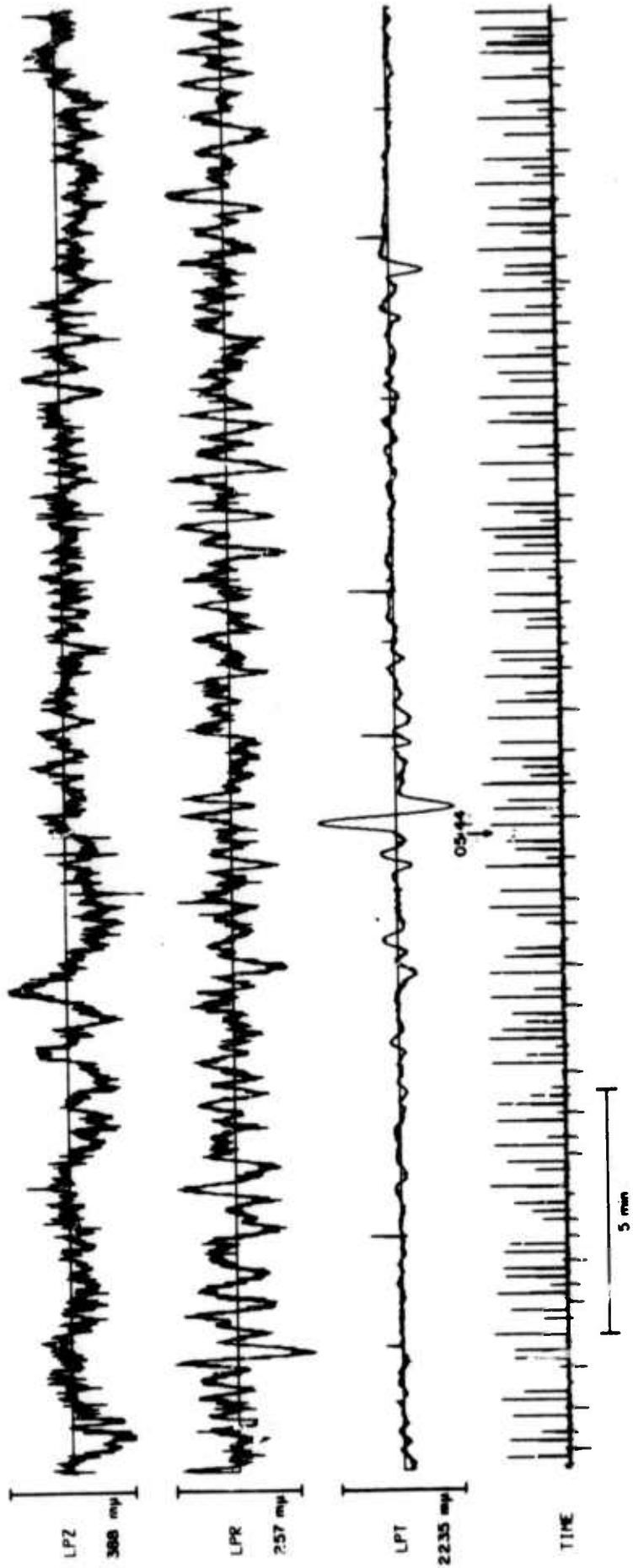
FN-WV 25 APR 75



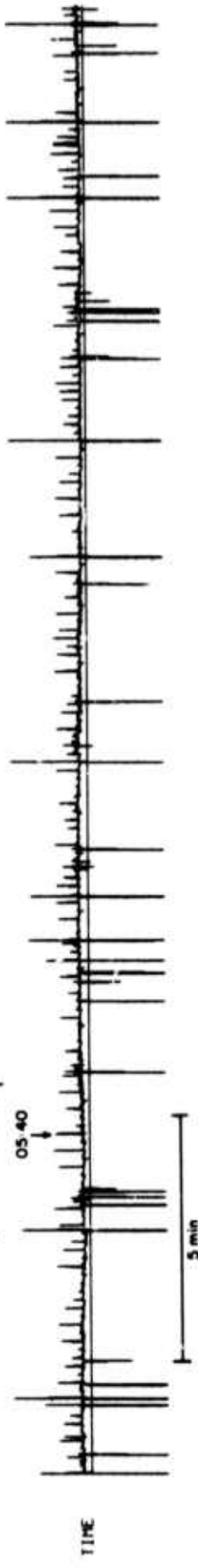
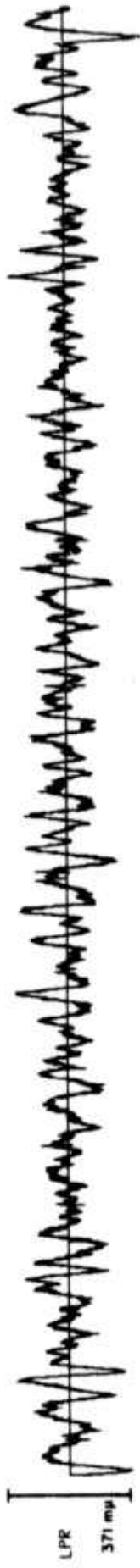
CPSO 25 APR 75



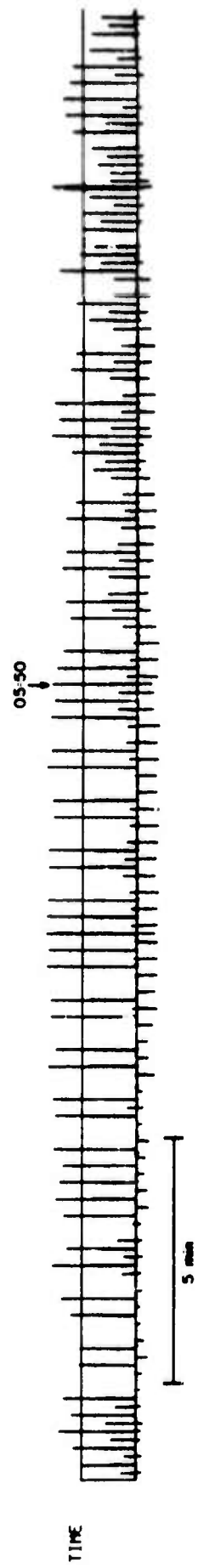
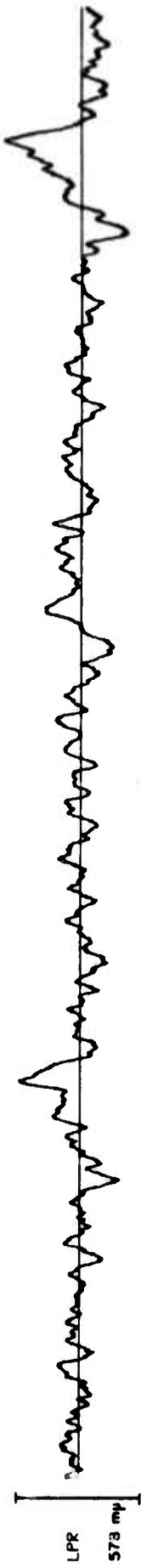
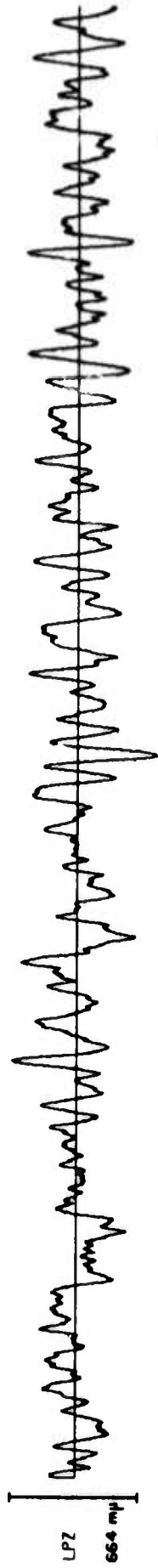
HN-ME 25 APR 75



WH2YK 25 APR 75

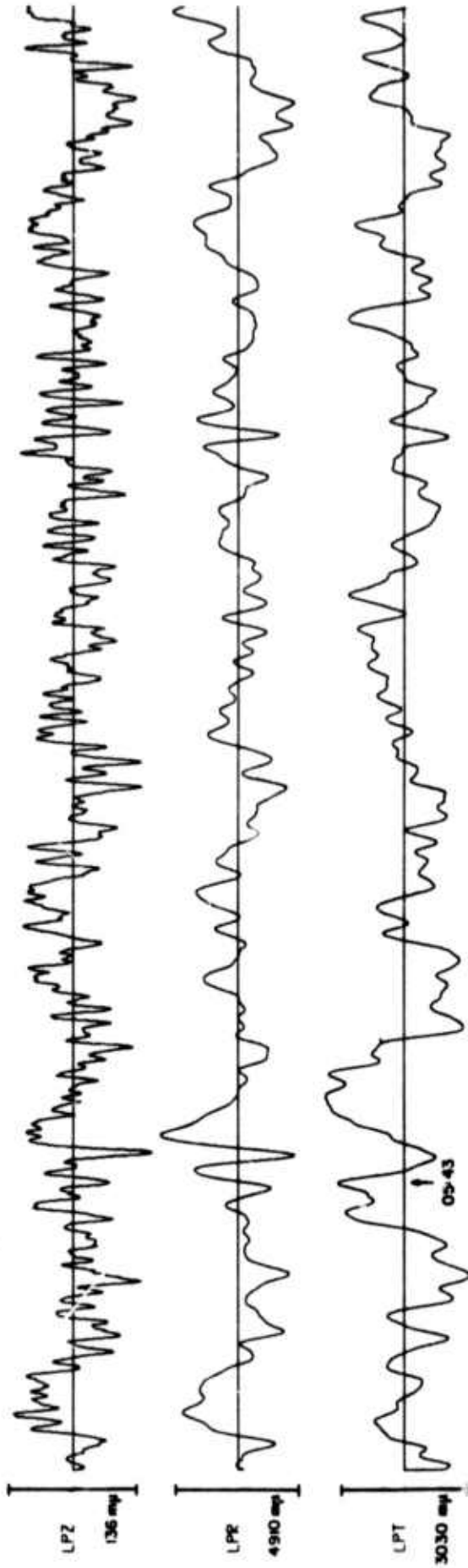


RK-ON 25 APR 75



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FN-WV 25 APR 75



5 min

CPSO 25 APR 75

