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College of Engineering

RESEARCH DIVISION

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Department of Meteorology and Oceanography

Wave Spectra Estimated from Wave Records Obtained by

the OWS WEATHER EXPLORER and

the OWS WEATHER REPORTER (I)

By

L. Moskowitz

W. J. Pierson, Jr.

E. Mehr

Technical Report Prepared for
U. S. Navy Oceanographic Office
under contract
N62306-1042

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Introduction

As a part of the problem of developing numerical wave forecasting procedures for the North Atlantic Ocean, selected sequences of the weather maps for the North Atlantic for which wave data were known to be available were studied in detail for the five year period beginning in April 1955 and ending in March 1960. Certain dates and times of observations were selected for a variety of reasons for study. For these dates and times, the National Institute of Oceanography provided copies of the wave records that were obtained by the OWS Weather Explorer and by the OWS Weather Reporter.

In total, about 800 wave records were provided, and a complete spectral analysis is planned for about 400 of these records.

This report is the first of a series of reports to present in tabular and graphical form the results of these analyses. The total number of spectra given is 114.

Analysis procedures

The original wave records varied in length, but almost all of this first set were 15 minutes long. The crest to trough heights of the highest waves in a particular record (uncorrected for calibration effects) varied from a few feet to more than 60 feet in the complete set of records. Bounds were set on each record just above the highest wave crest and just below the lowest wave trough, and the records were read to an accuracy of one part in a thousand (nominally) over this range at an interval of 1.5 seconds throughout the record. Thus a 15 minute record was reduced to a time series

of 600 points. Where gaps or irregularities occurred, the records were smoothed by hand as accurately as possible.

The time series of 600 points was then analyzed on the CDC 1604 so as to estimate the energy spectrum of the waves at 60 points over the frequency range from zero to 0.333 cycles per second by means of the procedures given by Tukey (1949) as explained in detail by Blackman and Tukey (1958). The smoothing operation that was used to go from L to U in the equations of Blackman and Tukey was

$$(1) \quad U_h = 0.25L_{h-1} + 0.50L_h + 0.25L_{h+1}$$

with suitable corrections at the ends of the range.

The spectral estimates so obtained still had to be corrected for the response of the shipborne wave recorder (Tucker, 1956) and for the introduction of noise in both the original record and in the digitization procedure. The calibration of the shipborne recorder depends on the ship, and the calibration curves were provided by Mr. D. E. Cartwright for this purpose. The calibration curve for the Weather Explorer is given by Table 1. The calibration curve for the Weather Reporter is given by Table 2.

As in another investigation (Bretschneider, Crutcher, et al (in press)), it was found that the application of the above calibration curves to the spectra that were originally computed resulted first in a decrease and then a rapid increase in the spectra at high frequencies due to the presence of noise and other irregularities (possibly from nonlinear effects in the original wave records) at the high frequency end of the spectrum. To eliminate this effect,

the last part of the spectrum was smoothed by a three point running weighted mean (0.25, 0.50, and 0.25) and then the last ten values were averaged.* This average was treated as white noise and subtracted from all spectral estimates. When the reduced values were multiplied by the appropriate calibration curves, the usual result was a fairly smooth spectrum that decreased regularly toward zero values at high frequency. By such a procedure some of the spectral values at high frequency will be negative. These values were automatically set equal to zero in the rest of the computations.

Inadvertently, Table 1 was applied where Table 2 ought to have been applied to some of the spectra. The result was exceptionally high values at high frequencies. Thus the calibrations given in these two tables do distinguish between the characteristics of the two ships as, when done correctly, reasonable results were obtained.

Even with these corrections, there were a few spectra that still became exceptionally large for frequencies greater than about 0.25 cycles per second. This behavior was apparently caused by the original quality of the record and not by the digitization procedure. These spectra were further modified by arbitrarily setting the calibration curve equal to one above a certain frequency that was selected by inspection of each spectrum.

The result of such a sequence of computations should yield fairly reliable spectral estimates for frequencies ranging from zero to 0.25 cycles per second, but the values at high frequencies should not be used to decide on any features of the high frequency end.

*See p. 6 for details.

Sample parameter estimates

The spectral estimates that resulted from this sequence of operations were then processed further to obtain some additional useful information. Let U_h^* , for $h = 0, 1, 2, \dots, 60$, represent the spectral estimates (after subtraction of the noise and multiplication by the calibration for the shipborne recorder) in terms of the resolution of the variance of the wave record into frequency intervals. The following quantities were then also computed and tabulated with each spectrum.

$$(2) \quad \text{CORR VAR} = \text{corrected variance} = \sum U_h^*$$

$$(3) \quad \text{SIG HGT} = \overline{H}_{\frac{1}{3}} = 2.83 (2 \sum U_h^*)^{1/2}$$

$$(4) \quad \text{AVER T} = \tilde{T} = [\sum U_h^* / \sum f_h^2 U_h^*]^{1/2}$$

$$(5) \quad \text{TOTAL DF} = \text{Total degrees of freedom} = 10 [\sum U_h^*]^2 / [\sum U_h^2]$$

(for 600 points, 60 lags; i. e., 20 degrees of freedom per spectral estimate)

The confidence intervals on the corrected variance and on the significant height are given by

$$\text{Upper 95\% on CORR VAR} = (10^{+1/\sqrt{\text{TDF}}}) \text{ CORR VAR}$$

(6)

$$\text{Lower 5\% on CORR VAR} = (10^{-1/\sqrt{\text{TDF}}}) \text{ CORR VAR}$$

and by

$$\text{Upper 95\% on } \bar{H}_{\frac{1}{3}} = 10^{+1/2\sqrt{\text{TDF}}} \bar{H}_{\frac{1}{3}}$$

(7)

$$\text{Lower 5\% on } \bar{H}_{\frac{1}{3}} = 10^{-1/2\sqrt{\text{TDF}}} \bar{H}_{\frac{1}{3}}$$

in terms of the total degrees of freedom (TDF) to a high degree of accuracy since the total degrees of freedom are large.

The corrected variance, the significant height, and the total degrees of freedom are relatively insensitive to changes in the noise level and in the high frequency behavior of the spectrum. However, the average period can properly be viewed with caution.

The winds near the ship at the time of observation are also given to the nearest five knots as read directly from weather maps. These values are subject to later correction in terms of the logs of the weather ships.

Explanation of tables and graphs

The body of this report consists of supplementary tables, of tables that give the appropriate results for each of the original wave records, and of graphs of each of the estimated spectra along with the confidence intervals on the spectra.

The supplementary tables consist of Tables 1 through 4. Tables 1 and 2 have been described above.

Table 3 gives either the on station position of the ship, A, I, J, or K, or the latitude and longitude of the ship if it is going on or off station. The speed and direction of the ship is given.

Position A corresponds to 62°N, 33°W.

Position I corresponds to 59°N, 19°W.

Position J corresponds to 52.5°N, 20°W.

Position K corresponds to 45°N, 16°W.

If the record was not 15 minutes long, less than 600 points were read. For these records, Table 4 gives the actual number of points used and the corrected total degrees of freedom. A correction to the upper and lower confidence limits, which would be quite small, would also be needed to be exact.

Spectral tabulations

A tabulated spectrum can be interpreted as follows:

- 1a) Supplementary data for each spectrum consist of the date, hour, wind speed, total degrees of freedom, average period, significant height, corrected variance, noise level, and record number. Some tables give the confidence limits for the height according to equation (7).
- 1b) In the first column, the spectral lag numbers (H) are given.
- 2) In the second column (FRE) the frequency according to the equation $f = H/180 \text{ (sec}^{-1}\text{)}$ is given.
- 3) In the third column (UNIT = FT^2), the spectrum as computed from the original data is given in units of $(\text{ft})^2$.
- 4) In the fourth column (FILTERED), a smoothing operator for $H > 40$ is applied. It is actually

$$F_H = 0.25U_{H-1} + 0.50U_H + 0.25F_{H+1}$$
 (where F = Filtered, and U = Unit)
- 5) In the fifth column (LESS NOISE), the noise level shown at the top is subtracted from each estimate.

- 6) In the sixth column (CORR FT 2), the LESS NOISE column is multiplied by the calibration curve for the shipborne record according to either Table 1 or Table 2. If this column agrees with the previous column, at high frequencies, the calibration curve has been arbitrarily set equal to one to avoid extreme values at high frequency.
- 7) In the last two columns, the upper and lower 95% and 5% confidence bounds are shown.

The graphs of the spectra

The graph that accompanies the spectral tabulation shows the spectrum and the 95% and 5% confidence bounds. The scale is chosen so that the highest 95% confidence value is at the top of the graph and the vertical axis of the coordinate system shows the spectral values for that spectrum in units of (feet)². The scales change with each spectrum and comparisons between spectra by means of the graphs should be made cautiously.

Acknowledgments

We wish to thank the National Institute of Oceanography of the United Kingdom for providing us with the wave records. Dr. J. Darbyshire sent some of the records to us from South Africa. Mr. D. E. Cartwright and Mr. L. Draper were most helpful in assembling other records at N. I. O. having them copied and forwarding the records to us. The records were digitized at Johns Hopkins University and at Davidson Laboratory of Stevens Institute of Technology.

References

- Blackman, R. B. , and J. W. Tukey (1958): The measurement of power spectra from the point of view of communications engineering, Parts I and II. Bell System Tech. Journ. , Jan. 1958, March 1958.
- Bretschneider, C. L. , H. L. Crutcher, J. Darbyshire, G. Neumann, W. J. Pierson, H. Walden, and B. W. Wilson: Data for high wave conditions observed by the OWS Weather Reporter in December 1959. (To be published in D. H. Z.)
- Tucker, M. J. (1956): A ship-borne wave recorder. Trans. Inst. Naval Arch. , London, 98, 236.
- Tukey, J. W. : The sampling theory of power spectrum estimates. Symposium on Applications of Autocorrelation Analysis to Physical Problems. Woods Hole, Massachusetts, 13-14 June, 1949. pp. 47-67, 1950.

Table 1. Calibration factors for the Weather Explorer.

1.0000					
1.0000	1.0000	1.0000	1.0000	1.0000	1.6157
1.3740	1.2452	1.1746	1.1399	1.1291	1.1343
1.1547	1.1870	1.2304	1.2845	1.3504	1.4277
1.5193	1.6241	1.7444	1.8828	2.0415	2.2243
2.4349	2.6765	2.9523	3.2725	3.6414	4.0714
4.5654	5.1490	5.8190	6.6136	7.5383	8.6336
9.9169	11.4459	13.2691	15.4245	18.0095	21.1086
24.8366	29.3522	34.8079	41.4485	49.5464	59.4548
71.5502	86.5947	105.1503	128.1186	156.7723	192.5202
237.3987	293.8682	365.1736	455.5306	570.2699	716.8705

Table 2. Calibration factors for the Weather Reporter.

1.0000					
1.0000	1.0000	1.0000	1.0000	1.0000	1.5755
1.3277	1.1908	1.1099	1.0630	1.0375	1.0257
1.0260	1.0350	1.0514	1.0633	1.1034	1.1384
1.1805	1.2280	1.2817	1.3424	1.4105	1.4871
1.5731	1.6684	1.7736	1.8918	2.0229	2.1704
2.3321	2.5169	2.7181	2.9479	3.2018	3.4899
3.8088	4.1715	4.5826	5.0408	5.5616	6.1512
6.8201	7.5845	8.4517	9.4439	10.5785	11.8784
13.3689	15.0856	17.0596	19.3530	22.0055	25.0761
28.6529	32.8206	37.6868	43.3807	50.0432	57.8872

Table 3. Position and speed of ship for each record.

<u>Record No.</u>	<u>Position</u>	<u>Heading</u>	<u>Speed (kts)</u>
DL 1	I		stopped
2	I		stopped
3	I		stopped
4	I		stopped
5	I		stopped
6	I		stopped
7	I		stopped
8	I		stopped
9	I	345°	1
10	I	360°	2
11	I	360°	1
12	I		stopped
13	I		stopped
14	I		stopped
15	J	280°	1
16	J	280°	1
17	J		stopped
18	J	290°	1
19	J	290°	1/2
20	J		stopped
21	J		stopped
22	J	280°	1
23	J	280°	1
24	J		hove to
25	J		stopped
26	J	260°	1/2
27	J	280°	0
28	J	280°	1/2
29	J		stopped
30	J		stopped

Table 3. (cont.)

<u>Record No.</u>	<u>Position</u>	<u>Heading</u>	<u>Speed (kts)</u>
DL 31	I		stopped
32	I		stopped
33	I	190°	1
34	I	190°	2
35	I	250°	1
36	I	230°	1
37	I	230°	1
38	I	240°	1/2
39	I	240°	1/2
40	I	240°	1
41	I	250°	1
42	I		stopped
43	A	070°	2
44	A		stopped
45	A		stopped
46	I	250°	1
47	I	250°	1½
48	I	250°	2
49	I	250°	2
50	I	250°	1
51	I	260°	1
52	I	265°	1½
53	I	260°	2
54	I	265°	1
55	I	280°	2
56	I		stopped
57	I	305°	1½
58	I		stopped
59	I		stopped
60	I		stopped

Table 3. (cont.)

<u>Record No.</u>		<u>Position</u>	<u>Heading</u>	<u>Speed (kts)</u>
JH	1	A	040°	1
	2	A	090°	2
	3	A	050°	2
	4	A	040°	1
	5	A	040°	1
	6	A		stopped
	7	A		stopped
	8	K		stopped
	9	K		stopped
	10	K		stopped
	11	K	290°	1
	12	K	280°	1/2
	13	K	275°	1/2
	14	K	275°	1
	15	K	275°	1½
	16	K	270°	1
	17	K	275°	1
	18	K	275°	1
	19	K		stopped
	20	A	085°	2
	21	A	140°	2
	22	A	160°	1½
	23	A	240°	1
	24	A	200°	2
	25	A	200°	2
	26	A	220°	2
	27	A	250°	1
	28	A	240°	2
	29	A	235°	1½
	30	A	240°	2

Table 3. (cont.)

<u>Record No.</u>	<u>Position</u>	<u>Heading</u>	<u>Speed (kts)</u>
JH 31	A	230°	1½
32	A	190°	2
33	A	190°	2
34	A	180°	2
35	A		stopped
36	A	230°	1½
37	A	240°	2
38	A	230°	1½
39	A	230°	2
40	A	220°	1
41	J	080°	1
42	J	090°	1
43	J	070°	1
44	52°42'N, 19°W	065°	3
45	53°N , 18°W	060°	7
46	52°54'N, 16°54'W	060°	7
47	53°01'N, 16°36'W	050°	4
48	53°06'N, 16°20'W	350°	4
49	53°08'N, 16°15'W	050°	5
50	53°18'N, 16°16'W	340°	1
51	53°18'N, 16°16'W		hove to
52	53°17'N, 15°56'W	120°	11
53	52°48'N, 14°26'W	120°	10
54	52°30'N, 13°35'W	120°	11½

Table 4. Data on short records for which less than 600 points were available.

<u>Record No.</u>	<u>no. of points</u>	<u>Original TDF</u>	<u>Corrected TDF</u>
DL 50	592	144	142
JH 4	561	150	140
JH 16	591	134	132
JH 17	592	101	100
JH 18	590	128	126
JH 19	581	133	129
JH 24	586	151	147
JH 36	585	204	199

SPECTRA RECASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/1/59		AV. T =		RECORD =		OL 44	
TOTAL OF 105		SIG. MGT. =		UPPER MGT. =		7.0	
		CORR. VAR. =		LOWER MGT. =		8.1	
		NOISE LEVEL =		WIND SPEED =		15	
H	PRE.	UNIT-PT.2	FILTERED	LESS NOISE	CORR. PT.2	UPPER	LOWER
0	.000	.0004	.0004	.0004	.0029	.0093	.0018
1	.004	.0009	.0009	.0009	.0040	.0074	.0025
2	.011	.0044	.0044	.0044	.0049	.0080	.0031
3	.017	.0049	.0049	.0049	.0024	.0064	.0015
4	.022	.0013	.0013	.0000	.0000	.0001	.0000
5	.024	.0012	.0012	.0000	.0000	.0000	.0000
6	.033	.0004	.0000	.0000	.0000	.0000	.0000
7	.039	.0011	.0011	.0000	.0000	.0000	.0000
8	.044	.0019	.0019	.0004	.0005	.0010	.0003
9	.050	.0029	.0029	.0014	.0031	.0024	.0010
10	.056	.0103	.0105	.0090	.0096	.0177	.0091
11	.061	.0139	.0139	.0124	.0134	.0419	.0214
12	.067	.0594	.0594	.0581	.0594	.1994	.0379
13	.072	.1001	.1001	.0986	.1011	.3414	.0444
14	.076	.3313	.3313	.3298	.3414	.4291	.2173
15	.083	.5555	.5555	.5540	.5625	1.0757	.3708
16	.088	.1079	.1079	.1060	.1117	.2757	.2149
17	.094	.1074	.1074	.1060	.1172	.4189	.1444
18	.100	.1407	.1407	.1472	.1475	.3088	.1047
19	.104	.1035	.1035	.1020	.1104	.1220	.0767
20	.111	.0869	.0869	.0854	.1049	.1934	.0608
21	.117	.0404	.0404	.0391	.0737	.1394	.0482
22	.122	.0389	.0389	.0375	.0519	.0927	.0320
23	.128	.0444	.0444	.0429	.0609	.1114	.0343
24	.133	.0409	.0409	.0394	.0546	.1080	.0373
25	.139	.0323	.0323	.0309	.0485	.0893	.0309
26	.144	.0267	.0267	.0252	.0424	.0774	.0288
27	.150	.0210	.0210	.0195	.0363	.0646	.0215
28	.154	.0210	.0210	.0195	.0363	.0646	.0215
29	.161	.0171	.0171	.0156	.0316	.0582	.0201
30	.167	.0095	.0095	.0080	.0174	.0321	.0111
31	.172	.0112	.0112	.0097	.0276	.0417	.0144
32	.178	.0116	.0116	.0101	.0234	.0446	.0162
33	.183	.0085	.0085	.0070	.0190	.0351	.0121
34	.189	.0098	.0098	.0083	.0245	.0452	.0156
35	.194	.0095	.0095	.0078	.0249	.0460	.0159
36	.200	.0095	.0095	.0080	.0444	.0759	.0200
37	.206	.0038	.0038	.0023	.0163	.0376	.0076
38	.211	.0041	.0041	.0024	.0109	.0270	.0043
39	.217	.0043	.0043	.0028	.0130	.0239	.0043
40	.222	.0039	.0039	.0020	.0101	.0196	.0044
41	.228	.0024	.0024	.0013	.0071	.0130	.0043
42	.233	.0028	.0028	.0017	.0076	.0140	.0044
43	.239	.0039	.0039	.0015	.0060	.0145	.0044
44	.244	.0024	.0024	.0010	.0039	.0143	.0043
45	.250	.0017	.0017	.0004	.0033	.0093	.0021
46	.256	.0014	.0014	.0001	.0024	.0059	.0009
47	.261	.0016	.0016	.0001	.0008	.0015	.0003
48	.267	.0015	.0015	.0000	.0000	.0000	.0000
49	.272	.0014	.0014	.0000	.0000	.0000	.0000
50	.278	.0016	.0016	.0000	.0000	.0000	.0000
51	.283	.0016	.0016	.0000	.0000	.0000	.0000
52	.289	.0022	.0022	.0000	.0000	.0000	.0000
53	.294	.0021	.0021	.0000	.0000	.0000	.0000
54	.300	.0011	.0011	.0000	.0000	.0000	.0000
55	.306	.0010	.0010	.0000	.0000	.0000	.0000
56	.311	.0013	.0013	.0000	.0000	.0000	.0000
57	.317	.0017	.0017	.0000	.0015	.0028	.0010
58	.322	.0015	.0015	.0000	.0000	.0000	.0000
59	.328	.0013	.0013	.0000	.0000	.0000	.0000
60	.333	.0014	.0014	.0000	.0000	.0000	.0000

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

SPECTRA RECASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/1/59		AV. T =		RECORD =		OL 45	
TOTAL OF 101		SIG. MGT. =		UPPER MGT. =		8.2	
		CORR. VAR. =		LOWER MGT. =		6.9	
		NOISE LEVEL =		WIND SPEED =		25	
H	PRE.	UNIT-PT.2	FILTERED	LESS NOISE	CORR. PT.2	UPPER	LOWER
0	.000	.0009	.0009	.0009	.0052	.0096	.0033
1	.004	.0004	.0004	.0004	.0044	.0074	.0025
2	.011	.0048	.0048	.0032	.0032	.0058	.0020
3	.017	.0033	.0033	.0018	.0018	.0033	.0011
4	.022	.0025	.0025	.0008	.0008	.0015	.0005
5	.024	.0024	.0024	.0008	.0008	.0011	.0005
6	.033	.0024	.0024	.0008	.0008	.0014	.0005
7	.039	.0024	.0024	.0009	.0013	.0023	.0008
8	.044	.0024	.0024	.0009	.0009	.0019	.0005
9	.050	.0044	.0044	.0027	.0030	.0056	.0015
10	.056	.0074	.0074	.0053	.0063	.0116	.0040
11	.061	.0093	.0093	.0074	.0074	.0147	.0051
12	.067	.0337	.0337	.0320	.0326	.0904	.0209
13	.072	.1104	.1104	.1100	.1114	.2661	.0712
14	.076	.2354	.2354	.2338	.2420	.4480	.1541
15	.083	.3739	.3739	.3723	.3814	.7214	.2497
16	.088	.1709	.1709	.1700	.1716	.4119	.1232
17	.094	.1347	.1347	.1330	.1375	.3773	.1240
18	.100	.2158	.2158	.2150	.2147	.5248	.1813
19	.104	.1781	.1781	.1765	.1793	.3840	.1327
20	.111	.1142	.1142	.1126	.1163	.2548	.0880
21	.117	.0857	.0857	.0841	.1078	.1984	.0684
22	.122	.0650	.0650	.0643	.0863	.1590	.0549
23	.128	.0600	.0600	.0583	.0823	.1517	.0544
24	.133	.0501	.0501	.0484	.0720	.1328	.0459
25	.139	.0421	.0421	.0404	.0634	.1177	.0405
26	.144	.0408	.0408	.0391	.0553	.1204	.0416
27	.150	.0371	.0371	.0354	.0484	.1156	.0400
28	.154	.0350	.0350	.0333	.0439	.1161	.0401
29	.161	.0305	.0305	.0288	.0369	.1075	.0373
30	.167	.0337	.0337	.0320	.0495	.1281	.0443
31	.172	.0334	.0334	.0317	.0474	.1360	.0477
32	.178	.0203	.0203	.0186	.0474	.0873	.0302
33	.183	.0134	.0134	.0117	.0320	.0590	.0204
34	.189	.0111	.0111	.0094	.0278	.0513	.0177
35	.194	.0073	.0073	.0057	.0142	.0335	.0110
36	.200	.0082	.0082	.0065	.0228	.0420	.0145
37	.206	.0108	.0108	.0091	.0348	.0647	.0222
38	.211	.0115	.0115	.0098	.0409	.0753	.0260
39	.217	.0091	.0091	.0075	.0342	.0630	.0214
40	.222	.0081	.0081	.0064	.0271	.0408	.0141
41	.228	.0042	.0042	.0029	.0162	.0299	.0103
42	.233	.0039	.0039	.0022	.0137	.0277	.0087
43	.239	.0035	.0035	.0021	.0145	.0287	.0092
44	.244	.0035	.0035	.0021	.0144	.0286	.0092
45	.250	.0034	.0034	.0021	.0134	.0254	.0088
46	.256	.0027	.0027	.0017	.0113	.0212	.0073
47	.261	.0027	.0027	.0017	.0124	.0224	.0070
48	.267	.0035	.0035	.0019	.0185	.0341	.0138
49	.272	.0035	.0035	.0019	.0025	.0125	.0041
50	.278	.0027	.0027	.0010	.0130	.0274	.0093
51	.283	.0020	.0020	.0004	.0051	.0113	.0039
52	.289	.0017	.0017	.0000	.0000	.0000	.0000
53	.294	.0013	.0013	.0000	.0000	.0000	.0000
54	.300	.0016	.0016	.0000	.0000	.0000	.0000
55	.306	.0017	.0017	.0001	.0035	.0064	.0022
56	.311	.0023	.0023	.0004	.0039	.0087	.0031
57	.317	.0021	.0021	.0000	.0039	.0256	.0088
58	.322	.0014	.0014	.0000	.0000	.0000	.0000
59	.328	.0014	.0014	.0000	.0000	.0000	.0000
60	.333	.0013	.0013	.0000	.0000	.0000	.0000

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

SPECTRA MINICASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/29/62		Av. T = 8.7		RECORD = 01.43			
HOUR = 8		SIG. FREQ. = 15.0		UPPER FREQ. = 16.9			
TOTAL OF = 91		CORR. FREQ. = 15.0		UPPER FREQ. = 15.3			
		NOISE LEVEL = .0074		WIND SPEED = 30			
M	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.0453	.0453	.0379	.0379	.0499	.0241
1	.008	.0388	.0388	.0294	.0294	.0342	.0107
2	.011	.0252	.0252	.0179	.0179	.0222	.0114
3	.017	.0124	.0124	.0090	.0090	.0092	.0032
4	.022	.0105	.0105	.0072	.0072	.0073	.0028
5	.028	.0121	.0121	.0094	.0094	.0107	.0031
6	.032	.0292	.0292	.0179	.0179	.0222	.0107
7	.038	.0172	.0172	.0100	.0100	.0114	.0032
8	.044	.0215	.0215	.0141	.0141	.0164	.0042
9	.050	.0210	.0210	.0136	.0136	.0159	.0042
10	.058	.01231	.01231	.0082	.0082	.0094	.0028
11	.061	.04018	.04018	.03042	.03042	.0342	.0107
12	.067	.0105	.0105	.0072	.0072	.0073	.0028
13	.072	.0110	.0110	.0082	.0082	.0094	.0028
14	.078	.0084	.0084	.0059	.0059	.0072	.0028
15	.083	.0340	.0340	.0254	.0254	.0287	.0082
16	.089	.0285	.0285	.0201	.0201	.0222	.0073
17	.094	.0385	.0385	.0281	.0281	.0314	.0082
18	.100	.01235	.01235	.0082	.0082	.0094	.0028
19	.106	.0287	.0287	.0201	.0201	.0222	.0073
20	.111	.0320	.0320	.0234	.0234	.0257	.0082
21	.117	.0389	.0389	.0294	.0294	.0327	.0094
22	.122	.0410	.0410	.0315	.0315	.0348	.0107
23	.128	.0480	.0480	.0385	.0385	.0418	.0114
24	.133	.0137	.0137	.0094	.0094	.0107	.0032
25	.139	.0284	.0284	.0201	.0201	.0222	.0073
26	.144	.0187	.0187	.0124	.0124	.0137	.0042
27	.150	.0194	.0194	.0131	.0131	.0144	.0042
28	.156	.0135	.0135	.0094	.0094	.0107	.0032
29	.161	.0140	.0140	.0099	.0099	.0112	.0032
30	.167	.0390	.0390	.0294	.0294	.0327	.0094
31	.172	.0402	.0402	.0304	.0304	.0337	.0107
32	.178	.0341	.0341	.0254	.0254	.0287	.0082
33	.183	.0444	.0444	.0337	.0337	.0370	.0114
34	.189	.0402	.0402	.0304	.0304	.0337	.0107
35	.194	.0211	.0211	.0137	.0137	.0150	.0042
36	.200	.0144	.0144	.0094	.0094	.0107	.0032
37	.206	.0194	.0194	.0131	.0131	.0144	.0042
38	.211	.0214	.0214	.0141	.0141	.0154	.0042
39	.217	.0191	.0191	.0131	.0131	.0144	.0042
40	.222	.0167	.0167	.0107	.0107	.0120	.0032
41	.228	.0128	.0128	.0082	.0082	.0094	.0028
42	.233	.0107	.0107	.0065	.0065	.0078	.0028
43	.239	.0142	.0142	.0094	.0094	.0107	.0032
44	.244	.0144	.0144	.0094	.0094	.0107	.0032
45	.250	.0109	.0109	.0072	.0072	.0082	.0028
46	.256	.0071	.0071	.0050	.0050	.0059	.0028
47	.261	.0081	.0081	.0055	.0055	.0068	.0028
48	.267	.0072	.0072	.0050	.0050	.0059	.0028
49	.272	.0064	.0064	.0044	.0044	.0050	.0028
50	.278	.0069	.0069	.0049	.0049	.0055	.0028
51	.283	.0060	.0060	.0040	.0040	.0046	.0028
52	.289	.0048	.0048	.0030	.0030	.0036	.0028
53	.294	.0048	.0048	.0030	.0030	.0036	.0028
54	.300	.0054	.0054	.0036	.0036	.0042	.0028
55	.306	.0059	.0059	.0040	.0040	.0046	.0028
56	.311	.0057	.0057	.0036	.0036	.0042	.0028
57	.317	.0053	.0053	.0030	.0030	.0036	.0028
58	.322	.0048	.0048	.0028	.0028	.0034	.0028
59	.328	.0105	.0105	.0072	.0072	.0082	.0028
60	.333	.0138	.0138	.0094	.0094	.0107	.0032

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JOHN'S HOPKINS LAB.

DATE = 17/1/59		AV. TC = 1.0		RECORD = JM 2			
HOUR = 9		SIG. FREQ. = 13.9					
TOTAL OF = 201		CORR. FREQ. = 13.9					
		NOISE LEVEL = .0074		WIND SPEED = 35			
M	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.0422	.0422	.0371	.0371	.0404	.0236
1	.008	.0503	.0503	.0452	.0452	.0484	.0292
2	.011	.0806	.0806	.0755	.0755	.0787	.0354
3	.017	.0310	.0310	.0260	.0260	.0292	.0114
4	.022	.0321	.0321	.0270	.0270	.0302	.0114
5	.028	.0140	.0140	.0115	.0115	.0128	.0042
6	.033	.0213	.0213	.0162	.0162	.0175	.0059
7	.039	.0215	.0215	.0164	.0164	.0177	.0059
8	.044	.0271	.0271	.0215	.0215	.0228	.0065
9	.050	.0340	.0340	.0285	.0285	.0302	.0072
10	.058	.01181	.01181	.0094	.0094	.0107	.0032
11	.061	.01751	.01751	.0130	.0130	.0143	.0042
12	.067	.0340	.0340	.0254	.0254	.0287	.0082
13	.072	.0315	.0315	.0234	.0234	.0267	.0072
14	.078	.0162	.0162	.0124	.0124	.0137	.0042
15	.083	.0170	.0170	.0131	.0131	.0144	.0042
16	.089	.0194	.0194	.0141	.0141	.0154	.0042
17	.094	.0187	.0187	.0136	.0136	.0149	.0042
18	.100	.0375	.0375	.0324	.0324	.0357	.0114
19	.106	.0437	.0437	.0386	.0386	.0419	.0124
20	.111	.0376	.0376	.0324	.0324	.0357	.0114
21	.117	.0395	.0395	.0344	.0344	.0377	.0124
22	.122	.0362	.0362	.0315	.0315	.0348	.0114
23	.128	.0412	.0412	.0362	.0362	.0395	.0124
24	.133	.0411	.0411	.0361	.0361	.0394	.0114
25	.139	.0372	.0372	.0324	.0324	.0357	.0114
26	.144	.0328	.0328	.0280	.0280	.0313	.0094
27	.150	.0361	.0361	.0315	.0315	.0348	.0107
28	.156	.0378	.0378	.0332	.0332	.0365	.0114
29	.161	.0395	.0395	.0349	.0349	.0382	.0124
30	.167	.0396	.0396	.0350	.0350	.0383	.0124
31	.172	.0379	.0379	.0333	.0333	.0366	.0114
32	.178	.0389	.0389	.0343	.0343	.0376	.0124
33	.183	.0405	.0405	.0359	.0359	.0392	.0134
34	.189	.0404	.0404	.0358	.0358	.0391	.0134
35	.194	.0381	.0381	.0335	.0335	.0368	.0114
36	.200	.0364	.0364	.0318	.0318	.0351	.0107
37	.206	.0424	.0424	.0378	.0378	.0411	.0134
38	.211	.0434	.0434	.0388	.0388	.0421	.0144
39	.217	.0387	.0387	.0341	.0341	.0374	.0114
40	.222	.0407	.0407	.0361	.0361	.0394	.0124
41	.228	.0413	.0413	.0367	.0367	.0400	.0134
42	.233	.0414	.0414	.0368	.0368	.0401	.0134
43	.239	.0407	.0407	.0361	.0361	.0394	.0124
44	.244	.0407	.0407	.0361	.0361	.0394	.0124
45	.250	.0407	.0407	.0361	.0361	.0394	.0124
46	.256	.0407	.0407	.0361	.0361	.0394	.0124
47	.261	.0407	.0407	.0361	.0361	.0394	.0124
48	.267	.0407	.0407	.0361	.0361	.0394	.0124
49	.272	.0407	.0407	.0361	.0361	.0394	.0124
50	.278	.0407	.0407	.0361	.0361	.0394	.0124
51	.283	.0407	.0407	.0361	.0361	.0394	.0124
52	.289	.0407	.0407	.0361	.0361	.0394	.0124
53	.294	.0407	.0407	.0361	.0361	.0394	.0124
54	.300	.0407	.0407	.0361	.0361	.0394	.0124
55	.306	.0407	.0407	.0361	.0361	.0394	.0124
56	.311	.0407	.0407	.0361	.0361	.0394	.0124
57	.317	.0407	.0407	.0361	.0361	.0394	.0124
58	.322	.0407	.0407	.0361	.0361	.0394	.0124
59	.328	.0407	.0407	.0361	.0361	.0394	.0124
60	.333	.0407	.0407	.0361	.0361	.0394	.0124

OCTOBER 11, 1962 DIGITIZED BY JOHN'S HOPKINS LAB.

OCTOBER 11, 1962 DIGITIZED BY JOHN'S HOPKINS LAB.

OCTOBER 11, 1962 DIGITIZED BY JOHN'S HOPKINS LAB.

SPECTRA HINDCASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 1/7/72		SIG. NO. = 174		REC'D = 1	
TIME OF - 173		CUM. WIND = 17.0		WIND SPEED = 35	
NOISE LEVEL = .0152		LOW F.F. 2		UPPER	
M	FR.	UNIT F.F. 2	FILTERED	LESS NOISE	LOWER
0	.000	.0424	.0424	.0272	.0300
1	.008	.0383	.0383	.0211	.0282
2	.016	.0326	.0326	.0084	.0261
3	.024	.0250	.0250	.0078	.0242
4	.032	.0218	.0218	.0483	.0054
5	.040	.0245	.0245	.0203	.0225
6	.048	.0305	.0305	.0233	.0186
7	.056	.0265	.0265	.0112	.0149
8	.064	.0254	.0254	.0302	.0088
9	.072	.0300	.0300	.2227	.0472
10	.080	.0308	.0308	.0483	.0272
11	.088	.0265	.0265	.0513	.0757
12	.096	.0411	.0411	.0459	.0779
13	.104	.0302	.0302	.2440	.1008
14	.112	.0217	.0217	.0205	.0106
15	.120	.0308	.0308	.0781	.0364
16	.128	.0308	.0308	.0734	.0243
17	.136	.0211	.0211	1.2059	1.0010
18	.144	.0308	.0308	1.0443	1.0705
19	.152	.0326	.0326	1.1080	1.0582
20	.160	1.1420	1.1420	1.1137	1.1381
21	.168	1.0704	1.0704	1.0504	1.0291
22	.176	.0418	.0418	.0200	1.0438
23	.184	.0261	.0261	.0808	.0411
24	.192	.0333	.0333	.0504	.0786
25	.200	.0305	.0305	.0233	.0504
26	.208	.0403	.0403	.0531	.0767
27	.216	.0251	.0251	.0078	.0126
28	.224	.0308	.0308	.0437	.0286
29	.232	.0305	.0305	.0083	.0121
30	.240	.0307	.0307	.0035	.0170
31	.248	.0401	.0401	.0332	.0781
32	.256	.0308	.0308	.0445	.0112
33	.264	.0374	.0374	.0842	.0150
34	.272	.0410	.0410	.0480	.0489
35	.280	.0402	.0402	.0241	.0388
36	.288	.0372	.0372	.0170	.0502
37	.296	.0388	.0388	.0200	.0422
38	.304	.0510	.0510	.0384	.0593
39	.312	.0517	.0517	.0364	.0510
40	.320	.0350	.0350	.0194	.0448
41	.328	.0281	.0281	.0242	.0348
42	.336	.0308	.0308	.0035	.0186
43	.344	.0276	.0276	.0309	.0196
44	.352	.0284	.0284	.0274	.0162
45	.360	.0296	.0296	.0059	.0041
46	.368	.0281	.0281	.0100	.0095
47	.376	.0188	.0188	.0026	.0077
48	.384	.0179	.0179	.0000	.0000
49	.392	.0100	.0100	.0000	.0000
50	.400	.0179	.0179	.0000	.0000
51	.408	.0179	.0179	.0000	.0000
52	.416	.0179	.0179	.0000	.0000
53	.424	.0206	.0206	.0192	.0045
54	.432	.0178	.0178	.0027	.0058
55	.440	.0178	.0178	.0027	.0058
56	.448	.0178	.0178	.0027	.0058
57	.456	.0178	.0178	.0027	.0058
58	.464	.0178	.0178	.0027	.0058
59	.472	.0178	.0178	.0027	.0058
60	.480	.0178	.0178	.0027	.0058

SPECTRA HINDCASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 1/7/72		SIG. NO. = 174		REC'D = 1	
TIME OF - 187		CUM. WIND = 16.0		WIND SPEED = 35	
NOISE LEVEL = .0116		LOW F.F. 2		UPPER	
M	FR.	UNIT F.F. 2	FILTERED	LESS NOISE	LOWER
0	.000	.0030	.0030	.0712	.0312
1	.008	.0014	.0014	.0035	.0005
2	.016	.0150	.0150	.0231	.0269
3	.024	.0337	.0337	.0118	.0229
4	.032	.0173	.0173	.0075	.0144
5	.040	.0414	.0414	.0296	.0545
6	.048	.0183	.0183	.0254	.0051
7	.056	.0269	.0269	.0014	.0011
8	.064	.0316	.0316	.0198	.0445
9	.072	.0103	.0103	.0094	.0186
10	.080	.0256	.0256	.0242	.0385
11	.088	.0286	.0286	.0268	.0253
12	.096	.0279	.0279	.0270	.0239
13	.104	.0173	.0173	.0154	.0381
14	.112	.0107	.0107	.0068	.0165
15	.120	.0261	.0261	.0293	.0424
16	.128	.0402	.0402	.0174	.0488
17	.136	.0375	.0375	.0258	.0444
18	.144	1.1345	1.1345	1.1277	1.1114
19	.152	1.2927	1.2927	1.2803	1.2607
20	.160	.0445	.0445	.0527	1.0294
21	.168	.0210	.0210	.0260	.0117
22	.176	.0541	.0541	.0227	.0000
23	.184	.0110	.0110	.0162	.0250
24	.192	.0105	.0105	.0285	.0441
25	.200	.0198	.0198	.0198	.0229
26	.208	.0182	.0182	.0184	.0184
27	.216	.0192	.0192	.0184	.0184
28	.224	.0184	.0184	.0184	.0184
29	.232	.0184	.0184	.0184	.0184
30	.240	.0184	.0184	.0184	.0184
31	.248	.0184	.0184	.0184	.0184
32	.256	.0184	.0184	.0184	.0184
33	.264	.0184	.0184	.0184	.0184
34	.272	.0184	.0184	.0184	.0184
35	.280	.0184	.0184	.0184	.0184
36	.288	.0184	.0184	.0184	.0184
37	.296	.0184	.0184	.0184	.0184
38	.304	.0184	.0184	.0184	.0184
39	.312	.0184	.0184	.0184	.0184
40	.320	.0184	.0184	.0184	.0184
41	.328	.0184	.0184	.0184	.0184
42	.336	.0184	.0184	.0184	.0184
43	.344	.0184	.0184	.0184	.0184
44	.352	.0184	.0184	.0184	.0184
45	.360	.0184	.0184	.0184	.0184
46	.368	.0184	.0184	.0184	.0184
47	.376	.0184	.0184	.0184	.0184
48	.384	.0184	.0184	.0184	.0184
49	.392	.0184	.0184	.0184	.0184
50	.400	.0184	.0184	.0184	.0184
51	.408	.0184	.0184	.0184	.0184
52	.416	.0184	.0184	.0184	.0184
53	.424	.0184	.0184	.0184	.0184
54	.432	.0184	.0184	.0184	.0184
55	.440	.0184	.0184	.0184	.0184
56	.448	.0184	.0184	.0184	.0184
57	.456	.0184	.0184	.0184	.0184
58	.464	.0184	.0184	.0184	.0184
59	.472	.0184	.0184	.0184	.0184
60	.480	.0184	.0184	.0184	.0184

SPRINGER HINDUSTAN OCTOBER 11, 1964 DIGITIZED BY JONAS HOPKINS LAB.

[illegible]

SPRINGER MIQUILLING OCTOBER 11, 1962 DIGITIZED BY JONAS HOPKINS LAB

[illegible]

1	18/ 1/59	AV. I =	4.2	RECORD =	JM 6
H = 0		SIG.MUT. =	12.5		
F = 151		CUMUL. VAR. =	4.7		
		NOISE LEVEL =	.0045	WIND SPEED =	25

N	PRE.	UNIT+P+2	FILERE	LESS NC:SL	UNIT+P+2	UPPER	LOWR
0	.000	.0129	.0129	.0048	.0088	.0155	.0054
1	.008	.0176	.0176	.0131	.0131	.0198	.0097
2	.011	.0318	.0318	.0271	.0213	.0303	.0174
3	.012	.0258	.0258	.0278	.0228	.0342	.0167
4	.012	.0258	.0258	.0278	.0228	.0342	.0167
5	.016	.0155	.0155	.0149	.0149	.0258	.0083
6	.013	.0138	.0138	.0113	.0113	.0178	.0078
7	.040	.0181	.0181	.0136	.0136	.0333	.0115
8	.088	.0218	.0218	.0173	.0173	.0434	.0145
9	.090	.0190	.0190	.0145	.0145	.0297	.0103
10	.056	.0307	.0307	.0212	.0212	.0450	.0225
11	.061	.0387	.0387	.0278	.0278	.0537	.0283
12	.087	.2455	.2455	.1455	.1513	.6632	.1800
13	.077	.3278	.3278	.2183	.2246	.7386	.2537
14	.070	.4759	.4759	.3155	.3219	1.2807	.4424
15	.063	1.1620	1.1620	.7193	.7249	2.7432	.7769
16	.088	1.1609	1.1609	1.0788	1.0788	2.7432	.7769
17	.094	.8545	.8545	.8500	.8500	1.7208	.9072
18	.100	.7173	.7173	.7528	.7528	1.0275	.8058
19	.106	.5593	.5593	.5548	.5550	1.0272	.8170
20	.111	.2943	.2943	.2908	.2908	.5606	.2266
21	.117	.2946	.2946	.2911	.2911	.5606	.2266
22	.142	.2142	.2142	.2077	.2078	.4139	.1775
23	.148	.1406	.1406	.1351	.1351	.2762	.1087
24	.133	.1400	.1400	.1305	.1305	.2494	.1009
25	.139	.1518	.1518	.1411	.1411	.2826	.1171
26	.144	.0854	.0854	.0804	.0804	.1474	.0647
27	.150	.0877	.0877	.0732	.0732	.1058	.0262
28	.156	.0845	.0845	.0705	.0705	.1047	.0258
29	.161	.0578	.0578	.0531	.0531	.1087	.0480
30	.167	.0578	.0578	.0493	.0493	.1070	.0472
31	.172	.0577	.0577	.0482	.0482	.1072	.0478
32	.178	.0483	.0483	.0418	.0418	.0701	.0302
33	.183	.0390	.0390	.0309	.0309	.0530	.0218
34	.189	.0214	.0214	.0165	.0165	.0419	.0137
35	.186	.0163	.0163	.0116	.0116	.0325	.0105
36	.200	.0204	.0204	.0159	.0159	.0420	.0352
37	.206	.0241	.0241	.0167	.0167	.0436	.0405
38	.211	.0241	.0241	.0158	.0158	.0436	.0405
39	.217	.0238	.0238	.0193	.0193	.0472	.0503
40	.222	.0137	.0137	.0132	.0132	.0473	.0303
41	.248	.0113	.0113	.0034	.0035	.0367	.0334
42	.233	.0113	.0113	.0035	.0035	.0367	.0334
43	.234	.0089	.0089	.0044	.0044	.0412	.0211
44	.242	.0079	.0079	.0034	.0034	.0475	.0164
45	.250	.0086	.0086	.0034	.0034	.0475	.0164
46	.258	.0071	.0071	.0028	.0028	.0445	.0106
47	.261	.0072	.0072	.0013	.0013	.0475	.0081
48	.267	.0054	.0055	.0010	.0011	.0210	.0073
49	.274	.0046	.0055	.0010	.0032	.0742	.0054
50	.278	.0052	.0057	.0007	.0110	.0742	.0054
51	.283	.0050	.0054	.0004	.0074	.0128	.0004
52	.284	.0060	.0060	.0000	.0000	.0000	.0000
53	.294	.0048	.0048	.0003	.0044	.0617	.0040
54	.300	.0057	.0061	.0008	.0157	.0290	.0160
55	.306	.0036	.0039	.0000	.0000	.0000	.0000
56	.311	.0028	.0031	.0000	.0000	.0000	.0000
57	.317	.0014	.0019	.0000	.0000	.0000	.0000
58	.342	.0045	.0045	.0000	.0003	.0005	.0004
59	.348	.0048	.0048	.0004	.0194	.0358	.0128
60	.353	.0055	.0052	.0035	.0159	.0255	.0055

IF = 10 / 1254	AV. F =	7.4	RECORD =	JH ?
JH = 3	SIG. MUL. =	11.0		
DF = 178	CHUNK, VAR. =	7.6		
	NOISE LEVEL =	.0041	WIND SPEED =	20

N	PRE-	UNIT-1	FILETIME	LESS-HEISE	LOW-1-2	UPPER	LOWER
1	0000	-0111	-0111	-0130	-0110	-0240	-0003
2	0001	-0095	-0079	-0049	-0050	-0050	-0150
3	0002	-0049	-0049	-0168	-0168	-0074	-0235
4	0010	-0149	-0303	-0303	-0303	-0308	-0308
5	0022	-0252	-0252	-0211	-0211	-0149	-0135
6	0020	-0040	-0130	-0130	-0130	-0123	-0123
7	0033	-0165	-0165	-0124	-0195	-0360	-0124
8	0040	-0193	-0197	-0241	-0241	-0346	-0120
9	0050	-0113	-0112	-0113	-0113	-0118	-0010
10	0060	-0127	-0127	-0168	-0168	-0339	-0129
11	0058	-0045	-0045	-0045	-0045	-0042	-0042
12	0062	-0087	-0087	-0075	-0075	-0075	-0055
13	0072	-0133	-0133	-0252	-0141	-0376	-0307
14	0070	-0060	-0110	-0110	-0110	-0147	-0147
15	0083	-0094	-0094	-0013	-0163	-0520	-0379
16	0090	-0111	-0113	-0112	-0120	-0380	-0368
17	0096	-0273	-0273	-0240	-0240	-0350	-0350
18	0100	-0145	-0145	-0154	-0154	-0301	-0305
19	0110	-0510	-0777	-0777	-0777	-0500	-0500
20	0111	-0045	-0045	-0204	-0481	-0537	-0367
21	0117	-0760	-0721	-0721	-0706	-0606	-0606
22	0122	-0340	-0240	-0240	-0153	-0612	-0608
23	0120	-0162	-0162	-0161	-0264	-0627	-0627
24	0133	-0101	-0101	-0150	-0150	-0675	-0675
25	0130	-0113	-0113	-0132	-0135	-0719	-0719
26	0140	-0041	-0041	-0042	-0041	-0701	-0701
27	0140	-0082	-0082	-0081	-0142	-0750	-0750
28	0140	-0101	-0101	-0000	-0140	-0742	-0742
29	0161	-0035	-0035	-0399	-0495	-0871	-0868
30	0160	-0035	-0035	-0395	-0495	-0868	-0868
31	0172	-0340	-0340	-0299	-0673	-0941	-0941
32	0170	-0318	-0318	-0275	-0675	-0927	-0927
33	0193	-0303	-0303	-0295	-0802	-0977	-0977
34	0190	-0311	-0311	-0260	-0807	-0943	-0948
35	0190	-0240	-0240	-0170	-0872	-0955	-0955
36	0200	-0231	-0231	-0170	-0885	-0927	-0927
37	0200	-0231	-0231	-0170	-0885	-0927	-0927
38	0210	-0210	-0210	-0175	-0875	-0944	-0944
39	0217	-0168	-0168	-0123	-0881	-0941	-0940
40	0222	-0139	-0139	-0090	-0895	-0912	-0915
41	0220	-0139	-0139	-0090	-0895	-0909	-0910
42	0233	-0084	-0084	-0084	-0904	-0923	-0923
43	0230	-0080	-0080	-0080	-0904	-0901	-0907
44	0240	-0090	-0090	-0085	-0905	-0911	-0911
45	0250	-0070	-0070	-0070	-0905	-0906	-0911
46	0250	-0080	-0080	-0111	-0913	-0913	-0913
47	0261	-0059	-0057	-0016	-0913	-0911	-0917
48	0260	-0059	-0059	-0016	-0913	-0911	-0917
49	0272	-0044	-0044	-0008	-0916	-0910	-0910
50	0270	-0044	-0044	-0008	-0916	-0910	-0910
51	0283	-0034	-0034	-0000	-0900	-0900	-0900
52	0280	-0040	-0042	-0001	-0900	-0900	-0904
53	0290	-0040	-0043	-0003	-0900	-0902	-0902
54	0300	-0050	-0050	-0014	-090	-0900	-0920
55	0304	-0050	-0050	-0000	-0900	-0900	-0900
56	0311	-0060	-0060	-0000	-0900	-0900	-0900
57	0317	-0063	-0063	-0000	-0900	-0900	-0900
58	0322	-0061	-0061	-0000	-0900	-0902	-0919
59	0320	-0061	-0061	-0000	-0900	-0900	-0900
60	0333	-0070	-0071	-0000	-0900	-0900	-0900

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 22/ 3/52 BY = 104W RECDNO = JM 10
 SIG.MET. = 0 CURR.VAR. = 13.4
 TOTAL DP = 100 NOISE LEVEL = .0000 WIND SPEED = 35

N	FREQ.	UNIT=PI.2	FILTERED	LESS NOISE	LOWR.PI.2	UPPER	LOWR
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0008	.1107	.1107	.1107	.1107	.1107	.0000
2	.0111	.1517	.1517	.1517	.1517	.1517	.0000
3	.0117	.1307	.1307	.1307	.1307	.1307	.0000
4	.0222	.0992	.0992	.0992	.0992	.0992	.0000
5	.0248	.0702	.0702	.0702	.0702	.0702	.0000
6	.0353	.0443	.0443	.0443	.0443	.0443	.0000
7	.0359	.0358	.0358	.0358	.0358	.0358	.0000
8	.0464	.0291	.0291	.0292	.0292	.0292	.0000
9	.0569	.0267	.0267	.0267	.0267	.0267	.0000
10	.0574	.0222	.0222	.0222	.0222	.0222	.0000
11	.0681	.0202	.0202	.0202	.0202	.0202	.0000
12	.0687	.0433	.0433	.0433	.0433	.0433	.0000
13	.0792	.1058	.1058	.1058	.1058	.1058	.0000
14	.0798	1.1221	1.1221	1.1221	1.1221	1.1221	.0000
15	.0803	1.1292	1.1292	1.1292	1.1292	1.1292	.0000
16	.0809	1.0001	1.0001	1.0001	1.0001	1.0001	.0000
17	.0914	1.0183	1.0183	1.0183	1.0183	1.0183	.0000
18	.1019	.8446	.8446	.8446	.8446	.8446	.0000
19	.1025	.8392	.8392	.8392	.8392	.8392	.0000
20	.1131	.6209	.6209	.6209	.6209	.6209	.0000
21	.1137	.5543	.5543	.5543	.5543	.5543	.0000
22	.1242	.3515	.3515	.3515	.3515	.3515	.0000
23	.1248	.2853	.2853	.2853	.2853	.2853	.0000
24	.1353	.2281	.2281	.2281	.2281	.2281	.0000
25	.1359	.1244	.1244	.1244	.1244	.1244	.0000
26	.1464	.0984	.0984	.0984	.0984	.0984	.0000
27	.1569	.1018	.1018	.1018	.1018	.1018	.0000
28	.1574	.0907	.0907	.0907	.0907	.0907	.0000
29	.1679	.0888	.0888	.0888	.0888	.0888	.0000
30	.1685	.0420	.0420	.0420	.0420	.0420	.0000
31	.1790	.0304	.0304	.0304	.0304	.0304	.0000
32	.1796	.0288	.0288	.0288	.0288	.0288	.0000
33	.1801	.0219	.0219	.0219	.0219	.0219	.0000
34	.1807	.0213	.0213	.0213	.0213	.0213	.0000
35	.1912	.0276	.0276	.0276	.0276	.0276	.0000
36	.1918	.0203	.0203	.0203	.0203	.0203	.0000
37	.2023	.0204	.0204	.0204	.0204	.0204	.0000
38	.2029	.0211	.0211	.0211	.0211	.0211	.0000
39	.2134	.0211	.0211	.0211	.0211	.0211	.0000
40	.2140	.0223	.0223	.0223	.0223	.0223	.0000
41	.2245	.0204	.0204	.0204	.0204	.0204	.0000
42	.2251	.0140	.0140	.0140	.0140	.0140	.0000
43	.2356	.0115	.0115	.0115	.0115	.0115	.0000
44	.2362	.0153	.0153	.0153	.0153	.0153	.0000
45	.2467	.0194	.0194	.0194	.0194	.0194	.0000
46	.2473	.0156	.0156	.0156	.0156	.0156	.0000
47	.2578	.0127	.0127	.0127	.0127	.0127	.0000
48	.2584	.0141	.0141	.0141	.0141	.0141	.0000
49	.2689	.0094	.0094	.0094	.0094	.0094	.0000
50	.2695	.0118	.0118	.0118	.0118	.0118	.0000
51	.2700	.0053	.0053	.0053	.0053	.0053	.0000
52	.2805	.0054	.0054	.0054	.0054	.0054	.0000
53	.2811	.0065	.0065	.0065	.0065	.0065	.0000
54	.2916	.0064	.0064	.0064	.0064	.0064	.0000
55	.2922	.0064	.0064	.0064	.0064	.0064	.0000
56	.3027	.0067	.0067	.0067	.0067	.0067	.0000
57	.3033	.0071	.0071	.0071	.0071	.0071	.0000
58	.3138	.0071	.0071	.0071	.0071	.0071	.0000
59	.3144	.0044	.0044	.0044	.0044	.0044	.0000
60	.3249	.0044	.0044	.0044	.0044	.0044	.0000

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 22/ 3/52 BY = 104W RECDNO = JM 11
 SIG.MET. = 0 CURR.VAR. = 27.6
 TOTAL DP = 100 NOISE LEVEL = .0000 WIND SPEED = 35

N	FREQ.	UNIT=PI.2	FILTERED	LESS NOISE	LOWR.PI.2	UPPER	LOWR
0	.0000	.0573	.0573	.0573	.0573	.0573	.0000
1	.0008	.1134	.1134	.1134	.1134	.1134	.0000
2	.0111	.2126	.2126	.2126	.2126	.2126	.0000
3	.0117	.2006	.2006	.2006	.2006	.2006	.0000
4	.0222	.1605	.1605	.1605	.1605	.1605	.0000
5	.0248	.0575	.0575	.0575	.0575	.0575	.0000
6	.0353	.0773	.0773	.0773	.0773	.0773	.0000
7	.0359	.0738	.0738	.0738	.0738	.0738	.0000
8	.0464	1.0883	1.0883	1.0883	1.0883	1.0883	.0000
9	.0569	1.0206	1.0206	1.0206	1.0206	1.0206	.0000
10	.0574	.8324	.8324	.8324	.8324	.8324	.0000
11	.0681	1.1257	1.1257	1.1257	1.1257	1.1257	.0000
12	.0792	1.0575	1.0575	1.0575	1.0575	1.0575	.0000
13	.0798	2.0512	2.0512	2.0512	2.0512	2.0512	.0000
14	.0803	2.4124	2.4124	2.4124	2.4124	2.4124	.0000
15	.0809	2.1207	2.1207	2.1207	2.1207	2.1207	.0000
16	.0914	2.0729	2.0729	2.0729	2.0729	2.0729	.0000
17	.0919	1.5506	1.5506	1.5506	1.5506	1.5506	.0000
18	.1024	1.0578	1.0578	1.0578	1.0578	1.0578	.0000
19	.1030	.8435	.8435	.8435	.8435	.8435	.0000
20	.1135	.6010	.6010	.6010	.6010	.6010	.0000
21	.1141	.4800	.4800	.4800	.4800	.4800	.0000
22	.1246	.4378	.4378	.4378	.4378	.4378	.0000
23	.1252	.4338	.4338	.4338	.4338	.4338	.0000
24	.1357	.3681	.3681	.3681	.3681	.3681	.0000
25	.1363	.1924	.1924	.1924	.1924	.1924	.0000
26	.1468	.1417	.1417	.1417	.1417	.1417	.0000
27	.1474	.1460	.1460	.1460	.1460	.1460	.0000
28	.1579	.1218	.1218	.1218	.1218	.1218	.0000
29	.1585	.0928	.0928	.0928	.0928	.0928	.0000
30	.1690	.0682	.0682	.0682	.0682	.0682	.0000
31	.1696	.0717	.0717	.0717	.0717	.0717	.0000
32	.1801	.0444	.0444	.0444	.0444	.0444	.0000
33	.1807	.0479	.0479	.0479	.0479	.0479	.0000
34	.1912	.0376	.0376	.0376	.0376	.0376	.0000
35	.1918	.0359	.0359	.0359	.0359	.0359	.0000
36	.2023	.0283	.0283	.0283	.0283	.0283	.0000
37	.2029	.0285	.0285	.0285	.0285	.0285	.0000
38	.2134	.0264	.0264	.0264	.0264	.0264	.0000
39	.2140	.0187	.0187	.0187	.0187	.0187	.0000
40	.2245	.0201	.0201	.0201	.0201	.0201	.0000
41	.2251	.0285	.0285	.0285	.0285	.0285	.0000
42	.2356	.0295	.0295	.0295	.0295	.0295	.0000
43	.2362	.0181	.0181	.0181	.0181	.0181	.0000
44	.2467	.0164	.0164	.0164	.0164	.0164	.0000
45	.2473	.0182	.0182	.0182	.0182	.0182	.0000
46	.2578	.0140	.0140	.0140	.0140	.0140	.0000
47	.2584	.0121	.0121	.0121	.0121	.0121	.0000
48	.2689	.0101	.0101	.0101	.0101	.0101	.0000
49	.2695	.0094	.0094	.0094	.0094	.0094	.0000
50	.2700	.0094	.0094	.0094	.0094	.0094	.0000
51	.2805	.0109	.0109	.0109	.0109	.0109	.0000
52	.2811	.0114	.0114	.0114	.0114	.0114	.0000
53	.2916	.0094	.0094	.0094	.0094	.0094	.0000
54	.2922	.0108	.0108	.0108	.0108	.0108	.0000
55	.3027	.0124	.0124	.0124	.0124	.0124	.0000
56	.3033	.0092	.0092	.0092	.0092	.0092	.0000
57	.3138	.0076	.0076	.0076	.0076	.0076	.0000
58	.3144	.0075	.0075	.0075	.0075	.0075	.0000
59	.3249	.0074	.0074	.0074	.0074	.0074	.0000
60	.3255	.0080	.0080	.0080	.0080	.0080	.0000

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

SPECTRA MEASURING OCTOBER 11, 1962 DIGITIZED BY JONAS POPKINS LAB.

DATE = 10/11/62		Sig. In = 11.4		Sig. Out = 11.4	
TOTAL CT = 1100		CORR. WAVE = 85.4		WIND SPEED = 30	
		NOISE LEVEL = .0119			
N	FREQ.	UNCORRECTED	FILTERED	LESS NOISE	CORRECTED
0	1000	.0251	.0251	.0132	.0350
1	1008	.0173	.0173	.0056	.0263
2	1011	.0078	.0078	.0059	.0128
3	1017	.0045	.0045	.0026	.0080
4	1022	.0038	.0038	.0019	.0069
5	1024	.0030	.0030	.0014	.0054
6	1027	.0033	.0033	.0014	.0057
7	1032	.0023	.0023	.0014	.0039
8	1044	.0029	.0029	.0022	.0047
9	1050	.0025	.0025	.0020	.0041
10	1054	.0028	.0028	.0020	.0044
11	1061	.0020	.0020	.0013	.0032
12	1067	.0021	.0021	.0013	.0033
13	1072	.0020	.0020	.0013	.0032
14	1078	.0020	.0020	.0013	.0032
15	1083	.0020	.0020	.0013	.0032
16	1089	.0020	.0020	.0013	.0032
17	1094	.0020	.0020	.0013	.0032
18	1100	.0020	.0020	.0013	.0032
19	1106	.0020	.0020	.0013	.0032
20	1111	.0020	.0020	.0013	.0032
21	1117	.0020	.0020	.0013	.0032
22	1122	.0020	.0020	.0013	.0032
23	1128	.0020	.0020	.0013	.0032
24	1133	.0020	.0020	.0013	.0032
25	1139	.0020	.0020	.0013	.0032
26	1144	.0020	.0020	.0013	.0032
27	1149	.0020	.0020	.0013	.0032
28	1154	.0020	.0020	.0013	.0032
29	1159	.0020	.0020	.0013	.0032
30	1164	.0020	.0020	.0013	.0032
31	1169	.0020	.0020	.0013	.0032
32	1174	.0020	.0020	.0013	.0032
33	1179	.0020	.0020	.0013	.0032
34	1184	.0020	.0020	.0013	.0032
35	1189	.0020	.0020	.0013	.0032
36	1194	.0020	.0020	.0013	.0032
37	1199	.0020	.0020	.0013	.0032
38	1204	.0020	.0020	.0013	.0032
39	1209	.0020	.0020	.0013	.0032
40	1214	.0020	.0020	.0013	.0032
41	1219	.0020	.0020	.0013	.0032
42	1224	.0020	.0020	.0013	.0032
43	1229	.0020	.0020	.0013	.0032
44	1234	.0020	.0020	.0013	.0032
45	1239	.0020	.0020	.0013	.0032
46	1244	.0020	.0020	.0013	.0032
47	1249	.0020	.0020	.0013	.0032
48	1254	.0020	.0020	.0013	.0032
49	1259	.0020	.0020	.0013	.0032
50	1264	.0020	.0020	.0013	.0032
51	1269	.0020	.0020	.0013	.0032
52	1274	.0020	.0020	.0013	.0032
53	1279	.0020	.0020	.0013	.0032
54	1284	.0020	.0020	.0013	.0032
55	1289	.0020	.0020	.0013	.0032
56	1294	.0020	.0020	.0013	.0032
57	1299	.0020	.0020	.0013	.0032
58	1304	.0020	.0020	.0013	.0032
59	1309	.0020	.0020	.0013	.0032
60	1314	.0020	.0020	.0013	.0032

SPECTRA MEASURING OCTOBER 11, 1962 DIGITIZED BY JONAS POPKINS LAB.

DATE = 10/11/62		Sig. In = 11.4		Sig. Out = 11.4	
TOTAL CT = 1100		CORR. WAVE = 85.4		WIND SPEED = 30	
		NOISE LEVEL = .0119			
N	FREQ.	UNCORRECTED	FILTERED	LESS NOISE	CORRECTED
0	1000	.0167	.0167	.0045	.0185
1	1008	.0020	.0020	.0020	.0030
2	1011	.0017	.0017	.0017	.0026
3	1017	.0017	.0017	.0017	.0026
4	1022	.0017	.0017	.0017	.0026
5	1024	.0017	.0017	.0017	.0026
6	1027	.0017	.0017	.0017	.0026
7	1032	.0017	.0017	.0017	.0026
8	1044	.0017	.0017	.0017	.0026
9	1050	.0017	.0017	.0017	.0026
10	1054	.0017	.0017	.0017	.0026
11	1061	.0017	.0017	.0017	.0026
12	1067	.0017	.0017	.0017	.0026
13	1072	.0017	.0017	.0017	.0026
14	1078	.0017	.0017	.0017	.0026
15	1083	.0017	.0017	.0017	.0026
16	1089	.0017	.0017	.0017	.0026
17	1094	.0017	.0017	.0017	.0026
18	1100	.0017	.0017	.0017	.0026
19	1106	.0017	.0017	.0017	.0026
20	1111	.0017	.0017	.0017	.0026
21	1117	.0017	.0017	.0017	.0026
22	1122	.0017	.0017	.0017	.0026
23	1128	.0017	.0017	.0017	.0026
24	1133	.0017	.0017	.0017	.0026
25	1139	.0017	.0017	.0017	.0026
26	1144	.0017	.0017	.0017	.0026
27	1149	.0017	.0017	.0017	.0026
28	1154	.0017	.0017	.0017	.0026
29	1159	.0017	.0017	.0017	.0026
30	1164	.0017	.0017	.0017	.0026
31	1169	.0017	.0017	.0017	.0026
32	1174	.0017	.0017	.0017	.0026
33	1179	.0017	.0017	.0017	.0026
34	1184	.0017	.0017	.0017	.0026
35	1189	.0017	.0017	.0017	.0026
36	1194	.0017	.0017	.0017	.0026
37	1199	.0017	.0017	.0017	.0026
38	1204	.0017	.0017	.0017	.0026
39	1209	.0017	.0017	.0017	.0026
40	1214	.0017	.0017	.0017	.0026
41	1219	.0017	.0017	.0017	.0026
42	1224	.0017	.0017	.0017	.0026
43	1229	.0017	.0017	.0017	.0026
44	1234	.0017	.0017	.0017	.0026
45	1239	.0017	.0017	.0017	.0026
46	1244	.0017	.0017	.0017	.0026
47	1249	.0017	.0017	.0017	.0026
48	1254	.0017	.0017	.0017	.0026
49	1259	.0017	.0017	.0017	.0026
50	1264	.0017	.0017	.0017	.0026
51	1269	.0017	.0017	.0017	.0026
52	1274	.0017	.0017	.0017	.0026
53	1279	.0017	.0017	.0017	.0026
54	1284	.0017	.0017	.0017	.0026
55	1289	.0017	.0017	.0017	.0026
56	1294	.0017	.0017	.0017	.0026
57	1299	.0017	.0017	.0017	.0026
58	1304	.0017	.0017	.0017	.0026
59	1309	.0017	.0017	.0017	.0026
60	1314	.0017	.0017	.0017	.0026

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SPECTRA MEASURING OCTOBER 11, 1962 DIGITIZED BY JONAS POPKINS LAB.

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SPECTRA MEASURING OCTOBER 11, 1962 DIGITIZED BY JONAS POPKINS LAB.

SPECTRA MONITORING OCTOBER 11, 1967 DIGITIZED BY JOHN HOPKINS LAB.									
DATE = 2/7/75		AV. 1 = 11.3		RECORD = 31.34					
HOUR = 15		SIG. MAG. = 11.5		CUMUL. MAG. = 11.8					
TOTAL CP. 1130		NOISE LEVEL = .0163		WIND SPEED = 30					
M	FRE.	UNIT#1 F1.2	FILTERED	LESS NOISE	CORR. F1.2	UPPER	LOWER		
0	.000	.1091	.1091	.0926	.0926	.1710	.0591		
1	.006	.2239	.2239	.2073	.2073	.3421	.1350		
2	.011	.3572	.3572	.3405	.3405	.5282	.2176		
3	.017	.5116	.5116	.4953	.4953	.7813	.3007		
4	.022	.6317	.6317	.6156	.6156	.9370	.3711		
5	.026	.7473	.7473	.7312	.7312	1.078	.4303		
6	.033	.8433	.8433	.8270	.8270	1.089	.4274		
7	.039	.9400	.9400	.9237	.9237	1.083	.4254		
8	.044	1.078	1.078	.9815	.9815	1.1176	.4243		
9	.050	1.244(3)	1.2443	1.1260	1.1260	1.1086	.4217		
10	.056	1.4174	1.4174	1.2851	1.2850	1.13703	.4160		
11	.061	1.6138	1.6138	1.4775	1.4775	1.09159	.4134		
12	.067	1.8322	1.8322	1.6759	1.6759	1.1419	.4104		
13	.072	2.0701	2.0701	1.8918	1.8918	1.11043	.4069		
14	.078	2.3332	2.3332	2.1267	2.1267	1.1112	.4079		
15	.083	2.6166	2.6166	2.3843	2.3843	1.0955	.4048		
16	.089	2.9271	2.9271	2.6308	2.6308	1.1159	.4012		
17	.094	3.2677	3.2677	2.8974	2.8974	1.1080	.3975		
18	.100	3.6373	3.6373	3.1804	3.1804	1.1070	.3936		
19	.105	4.0357	4.0357	3.4774	3.4774	1.1074	.3896		
20	.111	4.4631	4.4631	3.7874	3.7874	1.1074	.3856		
21	.117	4.9291	4.9291	4.1091	4.1091	1.1074	.3816		
22	.122	5.4337	5.4337	4.4424	4.4424	1.1074	.3776		
23	.128	5.9773	5.9773	4.7874	4.7874	1.1074	.3736		
24	.133	6.5600	6.5600	5.1443	5.1443	1.1074	.3696		
25	.139	7.1827	7.1827	5.5134	5.5134	1.1074	.3656		
26	.144	7.8454	7.8454	5.8943	5.8943	1.1074	.3616		
27	.150	8.5477	8.5477	6.2874	6.2874	1.1074	.3576		
28	.156	9.2891	9.2891	6.6924	6.6924	1.1074	.3536		
29	.161	1.0073	1.0073	7.1091	7.1091	1.1074	.3496		
30	.167	1.0900	1.0900	7.5374	7.5374	1.1074	.3456		
31	.172	1.1777	1.1777	7.9774	7.9774	1.1074	.3416		
32	.178	1.2691	1.2691	8.4291	8.4291	1.1074	.3376		
33	.183	1.3643	1.3643	8.8924	8.8924	1.1074	.3336		
34	.189	1.4637	1.4637	9.3674	9.3674	1.1074	.3296		
35	.194	1.5673	1.5673	9.8543	9.8543	1.1074	.3256		
36	.200	1.6754	1.6754	1.0343	1.0343	1.1074	.3216		
37	.206	1.7877	1.7877	1.1374	1.1374	1.1074	.3176		
38	.211	1.9043	1.9043	1.2424	1.2424	1.1074	.3136		
39	.217	2.0257	2.0257	1.3491	1.3491	1.1074	.3096		
40	.222	2.1517	2.1517	1.4574	1.4574	1.1074	.3056		
41	.228	2.2827	2.2827	1.5674	1.5674	1.1074	.3016		
42	.233	2.4187	2.4187	1.6791	1.6791	1.1074	.2976		
43	.239	2.5597	2.5597	1.7924	1.7924	1.1074	.2936		
44	.244	2.7057	2.7057	1.9074	1.9074	1.1074	.2896		
45	.250	2.8567	2.8567	2.0243	2.0243	1.1074	.2856		
46	.256	3.0127	3.0127	2.1424	2.1424	1.1074	.2816		
47	.261	3.1737	3.1737	2.2624	2.2624	1.1074	.2776		
48	.267	3.3397	3.3397	2.3843	2.3843	1.1074	.2736		
49	.272	3.5107	3.5107	2.5084	2.5084	1.1074	.2696		
50	.278	3.6867	3.6867	2.6343	2.6343	1.1074	.2656		
51	.283	3.8677	3.8677	2.7614	2.7614	1.1074	.2616		
52	.289	4.0537	4.0537	2.8891	2.8891	1.1074	.2576		
53	.294	4.2447	4.2447	3.0184	3.0184	1.1074	.2536		
54	.300	4.4407	4.4407	3.1491	3.1491	1.1074	.2496		
55	.306	4.6417	4.6417	3.2814	3.2814	1.1074	.2456		
56	.311	4.8477	4.8477	3.4154	3.4154	1.1074	.2416		
57	.317	5.0587	5.0587	3.5514	3.5514	1.1074	.2376		
58	.322	5.2747	5.2747	3.6884	3.6884	1.1074	.2336		
59	.328	5.4957	5.4957	3.8264	3.8264	1.1074	.2296		
60	.333	5.7217	5.7217	3.9654	3.9654	1.1074	.2256		

SPECTRA MONITORING OCTOBER 11, 1967 DIGITIZED BY JOHN HOPKINS LAB.									
DATE = 2/7/75		AV. 1 = 11.3		RECORD = 31.33					
HOUR = 16		SIG. MAG. = 21.2		CUMUL. MAG. = 20.6					
TOTAL CP. = 1130		NOISE LEVEL = .0110		WIND SPEED = 30					
M	FRE.	UNIT#1 F1.2	FILTERED	LESS NOISE	CORR. F1.2	UPPER	LOWER		
0	.000	.1079	.1079	.0961	.0961	.1771	.0812		
1	.006	.2161	.2161	.1843	.1843	.3074	.1046		
2	.011	.3243	.3243	.2727	.2727	.4513	.1498		
3	.017	.4325	.4325	.3610	.3610	.6074	.1950		
4	.022	.5407	.5407	.4493	.4493	.7635	.2402		
5	.026	.6489	.6489	.5575	.5575	.9196	.2854		
6	.033	.7571	.7571	.6657	.6657	1.0757	.3306		
7	.039	.8653	.8653	.7739	.7739	1.2318	.3758		
8	.044	.9735	.9735	.8821	.8821	1.3879	.4210		
9	.050	1.0817	1.0817	.9903	.9903	1.5440	.4662		
10	.056	1.1899	1.1899	1.0985	1.0985	1.7001	.5114		
11	.061	1.2981	1.2981	1.2067	1.2067	1.8562	.5566		
12	.067	1.4063	1.4063	1.3149	1.3149	2.0123	.6018		
13	.072	1.5145	1.5145	1.4231	1.4231	2.1684	.6470		
14	.078	1.6227	1.6227	1.5313	1.5313	2.3245	.6922		
15	.083	1.7309	1.7309	1.6395	1.6395	2.4806	.7374		
16	.089	1.8391	1.8391	1.7477	1.7477	2.6367	.7826		
17	.094	1.9473	1.9473	1.8559	1.8559	2.7928	.8278		
18	.100	2.0555	2.0555	1.9641	1.9641	2.9489	.8730		
19	.105	2.1637	2.1637	2.0723	2.0723	3.1050	.9182		
20	.111	2.2719	2.2719	2.1805	2.1805	3.2611	.9634		
21	.117	2.3801	2.3801	2.2887	2.2887	3.4172	.1006		
22	.122	2.4883	2.4883	2.3969	2.3969	3.5733	.1458		
23	.128	2.5965	2.5965	2.5051	2.5051	3.7294	.1910		
24	.133	2.7047	2.7047	2.6133	2.6133	3.8855	.2362		
25	.139	2.8129	2.8129	2.7215	2.7215	4.0416	.2814		
26	.144	2.9211	2.9211	2.8297	2.8297	4.1977	.3266		
27	.150	3.0293	3.0293	2.9379	2.9379	4.3538	.3718		
28	.156	3.1375	3.1375	3.0461	3.0461	4.5099	.4170		
29	.161	3.2457	3.2457	3.1543	3.1543	4.6660	.4622		
30	.167	3.3539	3.3539	3.2625	3.2625	4.8221	.5074		
31	.172	3.4621	3.4621	3.3707	3.3707	4.9782	.5526		
32	.178	3.5703	3.5703	3.4789	3.4789	5.1343	.5978		
33	.183	3.6785	3.6785	3.5871	3.5871	5.2904	.6430		
34	.189	3.7867	3.7867	3.6953	3.6953	5.4465	.6882		
35	.194	3.8949	3.8949	3.8035	3.8035	5.6026	.7334		
36	.200	4.0031	4.0031	3.9117	3.9117	5.7587	.7786		
37	.206	4.1113	4.1113	4.0199	4.0199	5.9148	.8238		
38	.211	4.2195	4.2195	4.1281	4.1281	6.0709	.8690		
39	.217	4.3277	4.3277	4.2363	4.2363	6.2270	.9142		
40	.222	4.4359	4.4359	4.3445	4.3445	6.3831	.9594		
41	.228	4.5441	4.5441	4.4527	4.4527	6.5392	.1006		
42	.233	4.6523	4.6523	4.5609	4.5609	6.6953	.1458		
43	.239	4.7605	4.7605	4.6691	4.6691	6.8514	.1910		
44	.244	4.8687	4.8687	4.7773	4.7773	7.0075	.2362		
45	.250	4.9769	4.9769	4.8855	4.8855	7.1636	.2814		
46	.256	5.0851	5.0851	4.9937	4.9937	7.3197	.3266		
47	.261	5.1933	5.1933	5.1019	5.1019	7.4758	.3718		
48	.267	5.3015	5.3015	5.2101	5.2101	7.6319	.4170		
49	.272	5.4097	5.4097	5.3183	5.3183	7.7880	.4622		
50	.278	5.5179	5.5179	5.4265	5.4265	7.9441	.5074		
51	.283	5.6261	5.6261	5.5347	5.5347	8.1002	.5526		
52	.289	5.7343	5.7343	5.6429	5.6429	8.2563	.5978		
53	.294	5.8425	5.8425	5.7511	5.7511	8.4124	.6430		
54	.300	5.9507	5.9507	5.8593	5.8593	8.5685	.6882		
55	.306	6.0589	6.0589	5.9675	5.9675	8.7246	.7334		
56	.311	6.1671	6.1671	6.0757	6.0757	8.8807	.7786		
57	.317	6.2753	6.2753	6.1839	6.1839	9.0368	.8238		
58	.322	6.3835	6.3835	6.2921	6.2921	9.1929	.8690		
59	.328	6.4917	6.4917	6.4003	6.4003	9.3490	.9142		
60	.333	6.6000	6.6000	6.5085	6.5085	9.5051	.9594		

SPECTRA HINDCASTING OCTUBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 10/ 3/59		SIG. NO. = 19.4		RECORD = JM 18			
TOTAL UP = 128		COMM. VARS. = 20.7		WIND SPEED = 30			
NOISE LEVEL = .0075							
M	FREQ.	UNIT+P1.2	FILTERED	LESS ACISE	LOWR.F1.2	UPPER	LOWER
0	.000	.0845	.0845	.0770	.0770	.1019	.0490
1	.008	.1270	.1270	.1195	.1195	.2202	.0761
2	.016	.1889	.1889	.1714	.1714	.2513	.0815
3	.024	.0822	.0822	.0767	.0767	.1377	.0476
4	.032	.0807	.0807	.0812	.0812	.0754	.0242
5	.040	.0815	.0815	.0800	.0800	.1032	.0358
6	.048	.0840	.0840	.0838	.0838	.1179	.0390
7	.056	.0377	.0377	.0302	.0302	.0451	.0215
8	.064	.0530	.0530	.0455	.0455	.0448	.0365
9	.072	.1380	.1380	.1305	.1305	.0890	.0902
10	.080	1.1264	1.1264	1.1109	1.1109	2.1322	.1573
11	.088	2.2105	2.2105	2.1534	2.1534	8.1257	2.1102
12	.096	4.0195	4.0195	4.0122	4.0122	7.5840	4.0203
13	.104	2.2411	2.2411	2.2336	2.2336	4.7612	1.6592
14	.112	1.3805	1.3805	1.3730	1.3730	2.2553	.884
15	.120	1.2441	1.2441	1.2366	1.2366	2.3985	.6719
16	.128	1.0202	1.0202	1.0127	1.0127	1.4987	.4304
17	.136	.8709	.8709	.8634	.8634	1.7380	.3046
18	.144	1.0343	1.0343	1.0268	1.0268	2.1541	.7842
19	.152	1.0148	1.0148	1.0073	1.0073	2.1914	.7572
20	.160	.7744	.7744	.7669	.7669	1.7359	.5907
21	.168	.6943	.6943	.6868	.6868	1.4513	.5014
22	.176	.5194	.5194	.5119	.5119	1.2605	.4375
23	.184	.3875	.3875	.3800	.3800	.8879	.3613
24	.192	.2714	.2714	.2640	.2640	.7401	.2717
25	.200	.0953	.0953	.0878	.0878	.2548	.0880
26	.208	.0594	.0594	.0519	.0519	.1517	.0552
27	.216	.0942	.0942	.0867	.0867	.2835	.0979
28	.224	.0877	.0877	.0802	.0802	.1796	.0946
29	.232	.0487	.0487	.0412	.0412	.1335	.0530
30	.240	.0636	.0636	.0561	.0561	.1443	.0649
31	.248	.0504	.0504	.0429	.0429	.1087	.0418
32	.256	.0543	.0543	.0468	.0468	.1177	.0750
33	.264	.0572	.0572	.0497	.0497	.1154	.0843
34	.272	.0421	.0421	.0346	.0346	.1022	.0651
35	.280	.0300	.0300	.0225	.0225	.1182	.0417
36	.288	.0257	.0257	.0182	.0182	.1117	.0448
37	.296	.0335	.0335	.0260	.0260	.1802	.0425
38	.304	.0253	.0253	.0178	.0178	.1167	.0412
39	.312	.0180	.0180	.0103	.0103	.0850	.0367
40	.320	.0124	.0124	.0047	.0047	.0452	.0136
41	.328	.0150	.0150	.0080	.0080	.0588	.0274
42	.336	.0227	.0227	.0137	.0137	.1550	.0535
43	.344	.0257	.0257	.0167	.0167	.1174	.0725
44	.352	.0729	.0729	.0513	.0513	.1100	.0768
45	.360	.0185	.0185	.0112	.0112	.1751	.0605
46	.368	.0150	.0150	.0085	.0085	.1344	.0454
47	.376	.0119	.0119	.0061	.0061	.0773	.0274
48	.384	.0007	.0007	.0000	.0000	.0017	.0006
49	.392	.0041	.0041	.0000	.0000	.0000	.0000
50	.400	.0047	.0047	.0000	.0000	.0000	.0000
51	.408	.0019	.0019	.0000	.0000	.0000	.0000
52	.416	.0013	.0013	.0000	.0000	.0000	.0000
53	.424	.0008	.0008	.0000	.0000	.0000	.0000
54	.432	.0003	.0003	.0000	.0000	.0000	.0000
55	.440	.0006	.0006	.0000	.0000	.0000	.0000
56	.448	.0002	.0002	.0000	.0000	.0000	.0000
57	.456	.0018	.0018	.0000	.0000	.0000	.0000
58	.464	.0042	.0042	.0000	.0000	.0000	.0000
59	.472	.0055	.0055	.0000	.0000	.0000	.0000
60	.480	.0047	.0047	.0000	.0000	.0000	.0000

JUL 1959

JM 18

SPECTRA HINDCASTING OCTUBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

RECORD = JM 18

WIND SPEED = 30

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

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SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

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NOISE LEVEL = .0075

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

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DATE = 10/ 3/59

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NOISE LEVEL = .0075

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SIG. NO. = 19.4

DATE = 10/ 3/59

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NOISE LEVEL = .0075

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

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SIG. NO. = 19.4

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TOTAL UP = 128

NOISE LEVEL = .0075

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TOTAL UP = 128

NOISE LEVEL = .0075

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

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DATE = 10/ 3/59

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DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO. = 19.4

DATE = 10/ 3/59

TOTAL UP = 128

NOISE LEVEL = .0075

COMM. VARS. = 20.7

SIG. NO.

SPECTRA HINDCASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 27/ 1/59		AV. IN		REC'D =		JM 20	
PWR = 10		SIG. PWR. =		14.6			
TOTAL CP = 2235		CUMUL. PWR. =		11.2			
		NOISE LEVEL =		0.020			
N	FREQ.	UNIT#F1.2	FILTERED	LESS NOISE	LOW.F1.2	UPPER	LOW.F2
0	0.000	0.0705	0.0705	0.0565	0.0565	0.0705	0.0735
1	0.008	0.1103	0.1103	0.0963	0.0963	0.1103	0.0966
2	0.013	0.1326	0.1326	0.1206	0.1206	0.1326	0.0768
3	0.017	0.0866	0.0866	0.0866	0.0866	0.0866	0.0557
4	0.022	0.0744	0.0744	0.0624	0.0624	0.0744	0.0397
5	0.028	0.0486	0.0486	0.0386	0.0386	0.0486	0.0278
6	0.033	0.0330	0.0330	0.0240	0.0240	0.0330	0.0211
7	0.038	0.0230	0.0230	0.0160	0.0160	0.0230	0.0093
8	0.044	0.0173	0.0173	0.0053	0.0053	0.0173	0.0000
9	0.050	0.0274	0.0274	0.0154	0.0154	0.0274	0.0109
10	0.058	0.0351	0.0351	0.0231	0.0231	0.0351	0.0136
11	0.063	0.0555	0.0555	0.0415	0.0415	0.0555	0.0276
12	0.068	0.1146	0.1146	0.1026	0.1026	0.1146	0.1194
13	0.072	0.0598	0.0598	0.0478	0.0478	0.0598	0.0400
14	0.078	0.2282	0.2282	0.2162	0.2162	0.2282	0.2402
15	0.083	0.1688	0.1688	0.1568	0.1568	0.1688	0.2086
16	0.089	0.1554	0.1554	0.1434	0.1434	0.1554	0.2033
17	0.094	0.1507	0.1507	0.1387	0.1387	0.1507	0.2002
18	0.100	0.0871	0.0871	0.0751	0.0751	0.0871	0.2363
19	0.105	0.1853	0.1853	0.1733	0.1733	0.1853	0.2613
20	0.111	0.1783	0.1783	0.1663	0.1663	0.1783	0.2008
21	0.117	0.2609	0.2609	0.2489	0.2489	0.2609	0.2589
22	0.122	0.2482	0.2482	0.2362	0.2362	0.2482	0.2408
23	0.128	0.0013	0.0013	0.0013	0.0013	0.0013	0.0000
24	0.133	0.1381	0.1381	0.1261	0.1261	0.1381	0.1074
25	0.138	0.1426	0.1426	0.1306	0.1306	0.1426	0.1317
26	0.144	0.1189	0.1189	0.1069	0.1069	0.1189	0.1198
27	0.150	0.1057	0.1057	0.0937	0.0937	0.1057	0.1059
28	0.156	0.0933	0.0933	0.0813	0.0813	0.0933	0.0979
29	0.161	0.1026	0.1026	0.0906	0.0906	0.1026	0.1164
30	0.168	0.0984	0.0984	0.0864	0.0864	0.0984	0.1135
31	0.172	0.0777	0.0777	0.0657	0.0657	0.0777	0.0755
32	0.178	0.0727	0.0727	0.0607	0.0607	0.0727	0.0761
33	0.183	0.0647	0.0647	0.0527	0.0527	0.0647	0.0913
34	0.189	0.0711	0.0711	0.0591	0.0591	0.0711	0.1109
35	0.194	0.0659	0.0659	0.0539	0.0539	0.0659	0.1160
36	0.200	0.0491	0.0491	0.0371	0.0371	0.0491	0.0824
37	0.208	0.0382	0.0382	0.0262	0.0262	0.0382	0.0613
38	0.213	0.0344	0.0344	0.0224	0.0224	0.0344	0.0584
39	0.219	0.0314	0.0314	0.0194	0.0194	0.0314	0.0530
40	0.228	0.0260	0.0260	0.0140	0.0140	0.0260	0.0448
41	0.233	0.0311	0.0311	0.0192	0.0192	0.0311	0.0480
42	0.238	0.0274	0.0274	0.0154	0.0154	0.0274	0.0453
43	0.239	0.0259	0.0259	0.0131	0.0131	0.0259	0.0429
44	0.244	0.0181	0.0181	0.0051	0.0051	0.0181	0.0366
45	0.250	0.0134	0.0134	0.0037	0.0037	0.0134	0.0202
46	0.256	0.0191	0.0191	0.0061	0.0061	0.0191	0.0366
47	0.261	0.0241	0.0241	0.0089	0.0089	0.0241	0.0505
48	0.267	0.0208	0.0208	0.0083	0.0083	0.0208	0.0426
49	0.272	0.0178	0.0178	0.0053	0.0053	0.0178	0.0317
50	0.278	0.0119	0.0119	0.0016	0.0016	0.0119	0.0150
51	0.283	0.0113	0.0113	0.0007	0.0007	0.0113	0.0072
52	0.289	0.0113	0.0113	0.0002	0.0002	0.0113	0.0000
53	0.296	0.0116	0.0116	0.0071	0.0071	0.0116	0.0098
54	0.300	0.0051	0.0051	0.0000	0.0000	0.0051	0.0000
55	0.306	0.0084	0.0084	0.0000	0.0000	0.0084	0.0000
56	0.311	0.0083	0.0083	0.0000	0.0000	0.0083	0.0000
57	0.317	0.0081	0.0081	0.0000	0.0000	0.0081	0.0000
58	0.322	0.0071	0.0071	0.0000	0.0000	0.0071	0.0000
59	0.328	0.0165	0.0165	0.0000	0.0000	0.0165	0.0000
60	0.333	0.0127	0.0127	0.0000	0.0000	0.0127	0.0000

SPECTRA HINDCASTING OCTOBER 11, 1962 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 28/ 1/59		AV. IN		REC'D =		JM 21	
PWR = 0		SIG. PWR. =		21.3			
TOTAL CP = 1552		CUMUL. PWR. =		21.3			
		NOISE LEVEL =		0.014			
N	FREQ.	UNIT#F1.2	FILTERED	LESS NOISE	LOW.F1.2	UPPER	LOW.F2
6	0.000	0.0747	0.0747	0.0593	0.0593	0.0747	0.0377
7	0.006	0.1308	0.1308	0.1204	0.1204	0.1308	0.0786
8	0.011	0.0807	0.0807	0.0617	0.0617	0.0807	0.0216
9	0.017	0.1756	0.1756	0.1603	0.1603	0.1756	0.1020
10	0.022	0.1460	0.1460	0.1306	0.1306	0.1460	0.0832
11	0.028	0.1457	0.1457	0.1303	0.1303	0.1457	0.0955
12	0.033	0.0916	0.0916	0.0742	0.0742	0.0916	0.0845
13	0.038	0.0766	0.0766	0.0572	0.0572	0.0766	0.0341
14	0.044	0.0409	0.0409	0.0253	0.0253	0.0409	0.0153
15	0.050	0.0368	0.0368	0.0236	0.0236	0.0368	0.0166
16	0.058	0.0100	0.0100	0.0000	0.0000	0.0100	0.0035
17	0.061	0.0689	0.0689	0.0535	0.0535	0.0689	0.0268
18	0.067	1.0075	1.0075	0.9761	0.9761	1.0075	1.0000
19	0.072	3.1560	3.1560	3.1406	3.1406	3.1560	3.0517
20	0.078	3.6831	3.6831	3.6777	3.6777	3.6831	3.6171
21	0.083	3.6405	3.6405	3.6341	3.6341	3.6405	3.6312
22	0.089	1.9078	1.9078	1.9024	1.9024	1.9078	1.8113
23	0.094	1.7559	1.7559	1.7505	1.7505	1.7559	1.6007
24	0.100	1.9268	1.9268	1.9114	1.9114	1.9268	1.8855
25	0.106	3.5864	3.5864	3.5710	3.5710	3.5864	3.5153
26	0.111	3.5749	3.5749	3.5695	3.5695	3.5749	3.4414
27	0.117	3.4602	3.4602	3.4548	3.4548	3.4602	3.3120
28	0.122	3.6036	3.6036	3.5982	3.5982	3.6036	3.5002
29	0.128	3.6215	3.6215	3.6161	3.6161	3.6215	3.5844
30	0.133	3.5878	3.5878	3.5825	3.5825	3.5878	3.5062
31	0.138	3.6006	3.6006	3.5952	3.5952	3.6006	3.4938
32	0.144	3.2355	3.2355	3.2301	3.2301	3.2355	3.1641
33	0.150	3.5118	3.5118	3.5064	3.5064	3.5118	3.4400
34	0.156	3.2371	3.2371	3.2317	3.2317	3.2371	3.1607
35	0.161	3.0378	3.0378	3.0324	3.0324	3.0378	3.0000
36	0.167	0.0761	0.0761	0.0547	0.0547	0.0761	0.0777
37	0.172	0.0444	0.0444	0.0241	0.0241	0.0444	0.0481
38	0.178	0.0589	0.0589	0.0435	0.0435	0.0589	0.0647
39	0.183	0.0772	0.0772	0.0578	0.0578	0.0772	0.0845
40	0.189	0.0704	0.0704	0.0504	0.0504	0.0704	0.0717
41	0.194	0.1157	0.1157	0.1003	0.1003	0.1157	0.0920
42	0.200	0.0818	0.0818	0.0653	0.0653	0.0818	0.0727
43	0.208	0.0474	0.0474	0.0270	0.0270	0.0474	0.0554
44	0.213	0.0342	0.0342	0.0188	0.0188	0.0342	0.0449
45	0.219	0.0448	0.0448	0.0264	0.0264	0.0448	0.0530
46	0.228	0.0498	0.0498	0.0330	0.0330	0.0498	0.0704
47	0.233	0.0636	0.0636	0.0472	0.0472	0.0636	0.0817
48	0.239	0.0216	0.0216	0.0075	0.0075	0.0216	0.0293
49	0.244	0.0164	0.0164	0.0015	0.0015	0.0164	0.0071
50	0.250	0.0160	0.0160	0.0000	0.0000	0.0160	0.0045
51	0.256	0.0167	0.0167	0.0000	0.0000	0.0167	0.0049
52	0.261	0.0169	0.0169	0.0000	0.0000	0.0169	0.0055
53	0.267	0.0169	0.0169	0.0000	0.0000	0.0169	0.0055
54	0.272	0.0169	0.0169	0.0000	0.0000	0.0169	0.0055
55	0.278	0.0169	0.0169	0.0000	0.0000	0.0169	0.0055
56	0.283	0.0169	0.0169	0.0000	0.0000	0.0169	0.0055
57	0.289	0.0167	0.0167	0.0000	0.0000	0.0167	0.0055
58	0.296	0.0168	0.0168	0.0000	0.0000	0.0168	0.0055
59	0.300	0.0168	0.0168	0.0000	0.0000	0.0168	0.0055
60	0.306	0.0168	0.0168	0.0000	0.0000	0.0168	0.0055

SPEAKER HINDCASTING OUTLINE 11-19-62 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 01/1/54		AV. 1 = 9.2		HSECHO = JM 22		
HOUR = 8		SIG.MAG. = 20.5				
TOTAL UP = 128		GAIN = 20.5				
		NOISE LEVEL = .0128		WIND SPEED = 25		
M	FREQ.	UNIT=1/2	FILTERED	LESS NOISE	UPPER	LOWER
0	0.000	0.003	0.003	0.006	0.002	0.043
1	0.006	0.009	0.009	0.001	0.000	0.048
2	0.011	0.010	0.010	0.002	0.001	0.052
3	0.017	0.007	0.007	0.004	0.001	0.041
4	0.022	0.006	0.006	0.002	0.000	0.062
5	0.028	0.003	0.003	0.000	0.000	0.057
6	0.033	0.004	0.004	0.001	0.000	0.028
7	0.039	0.003	0.003	0.000	0.000	0.048
8	0.044	0.002	0.002	0.004	0.000	0.049
9	0.050	0.002	0.002	0.004	0.002	0.040
10	0.056	0.000	0.000	0.004	0.004	0.040
11	0.061	0.000	0.000	0.002	0.003	0.002
12	0.067	0.000	0.000	0.000	0.000	0.000
13	0.072	0.004	0.004	0.000	0.000	0.000
14	0.078	0.000	0.000	0.000	0.000	0.000
15	0.083	0.004	0.004	0.000	0.000	0.000
16	0.089	0.000	0.000	0.000	0.000	0.000
17	0.094	0.000	0.000	0.000	0.000	0.000
18	0.100	0.005	0.005	0.004	0.003	0.000
19	0.106	0.000	0.000	0.000	0.000	0.000
20	0.111	0.000	0.000	0.000	0.000	0.000
21	0.117	0.000	0.000	0.000	0.000	0.000
22	0.122	0.000	0.000	0.000	0.000	0.000
23	0.128	0.000	0.000	0.000	0.000	0.000
24	0.133	0.000	0.000	0.000	0.000	0.000
25	0.139	0.000	0.000	0.000	0.000	0.000
26	0.144	0.000	0.000	0.000	0.000	0.000
27	0.150	0.000	0.000	0.000	0.000	0.000
28	0.156	0.000	0.000	0.000	0.000	0.000
29	0.161	0.000	0.000	0.000	0.000	0.000
30	0.167	0.000	0.000	0.000	0.000	0.000
31	0.172	0.000	0.000	0.000	0.000	0.000
32	0.178	0.000	0.000	0.000	0.000	0.000
33	0.183	0.000	0.000	0.000	0.000	0.000
34	0.189	0.000	0.000	0.000	0.000	0.000
35	0.194	0.000	0.000	0.000	0.000	0.000
36	0.200	0.000	0.000	0.000	0.000	0.000
37	0.206	0.000	0.000	0.000	0.000	0.000
38	0.211	0.000	0.000	0.000	0.000	0.000
39	0.217	0.000	0.000	0.000	0.000	0.000
40	0.222	0.000	0.000	0.000	0.000	0.000
41	0.228	0.000	0.000	0.000	0.000	0.000
42	0.233	0.000	0.000	0.000	0.000	0.000
43	0.239	0.000	0.000	0.000	0.000	0.000
44	0.244	0.000	0.000	0.000	0.000	0.000
45	0.250	0.000	0.000	0.000	0.000	0.000
46	0.256	0.000	0.000	0.000	0.000	0.000
47	0.261	0.000	0.000	0.000	0.000	0.000
48	0.267	0.000	0.000	0.000	0.000	0.000
49	0.272	0.000	0.000	0.000	0.000	0.000
50	0.278	0.000	0.000	0.000	0.000	0.000
51	0.283	0.000	0.000	0.000	0.000	0.000
52	0.289	0.000	0.000	0.000	0.000	0.000
53	0.294	0.000	0.000	0.000	0.000	0.000
54	0.300	0.000	0.000	0.000	0.000	0.000
55	0.306	0.000	0.000	0.000	0.000	0.000
56	0.311	0.000	0.000	0.000	0.000	0.000
57	0.317	0.000	0.000	0.000	0.000	0.000
58	0.322	0.000	0.000	0.000	0.000	0.000
59	0.328	0.000	0.000	0.000	0.000	0.000
60	0.333	0.000	0.000	0.000	0.000	0.000

207 1/54

JM 22

Speaker Hindcast Cluster of Jonas Hopkins Lab.

SPEAKER HINDCASTING OUTLINE 11-19-62 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 01/1/54		SIG.MAG. = 22.5		REC'D = JM 23		
HOUR = 8		GAIN = 22.5		WIND SPEED = 40		
TOTAL UP = 110		NOISE LEVEL = .0128				
M	FREQ.	UNIT=1/2	FILTERED	LESS NOISE	UPPER	LOWER
0	0.000	0.000	0.000	0.000	0.000	0.000
1	0.006	0.006	0.006	0.006	0.006	0.006
2	0.011	0.011	0.011	0.011	0.011	0.011
3	0.017	0.017	0.017	0.017	0.017	0.017
4	0.022	0.022	0.022	0.022	0.022	0.022
5	0.028	0.028	0.028	0.028	0.028	0.028
6	0.033	0.033	0.033	0.033	0.033	0.033
7	0.039	0.039	0.039	0.039	0.039	0.039
8	0.044	0.044	0.044	0.044	0.044	0.044
9	0.050	0.050	0.050	0.050	0.050	0.050
10	0.056	0.056	0.056	0.056	0.056	0.056
11	0.061	0.061	0.061	0.061	0.061	0.061
12	0.067	0.067	0.067	0.067	0.067	0.067
13	0.072	0.072	0.072	0.072	0.072	0.072
14	0.078	0.078	0.078	0.078	0.078	0.078
15	0.083	0.083	0.083	0.083	0.083	0.083
16	0.089	0.089	0.089	0.089	0.089	0.089
17	0.094	0.094	0.094	0.094	0.094	0.094
18	0.100	0.100	0.100	0.100	0.100	0.100
19	0.106	0.106	0.106	0.106	0.106	0.106
20	0.111	0.111	0.111	0.111	0.111	0.111
21	0.117	0.117	0.117	0.117	0.117	0.117
22	0.122	0.122	0.122	0.122	0.122	0.122
23	0.128	0.128	0.128	0.128	0.128	0.128
24	0.133	0.133	0.133	0.133	0.133	0.133
25	0.139	0.139	0.139	0.139	0.139	0.139
26	0.144	0.144	0.144	0.144	0.144	0.144
27	0.150	0.150	0.150	0.150	0.150	0.150
28	0.156	0.156	0.156	0.156	0.156	0.156
29	0.161	0.161	0.161	0.161	0.161	0.161
30	0.167	0.167	0.167	0.167	0.167	0.167
31	0.172	0.172	0.172	0.172	0.172	0.172
32	0.178	0.178	0.178	0.178	0.178	0.178
33	0.183	0.183	0.183	0.183	0.183	0.183
34	0.189	0.189	0.189	0.189	0.189	0.189
35	0.194	0.194	0.194	0.194	0.194	0.194
36	0.200	0.200	0.200	0.200	0.200	0.200
37	0.206	0.206	0.206	0.206	0.206	0.206
38	0.211	0.211	0.211	0.211	0.211	0.211
39	0.217	0.217	0.217	0.217	0.217	0.217
40	0.222	0.222	0.222	0.222	0.222	0.222
41	0.228	0.228	0.228	0.228	0.228	0.228
42	0.233	0.233	0.233	0.233	0.233	0.233
43	0.239	0.239	0.239	0.239	0.239	0.239
44	0.244	0.244	0.244	0.244	0.244	0.244
45	0.250	0.250	0.250	0.250	0.250	0.250
46	0.256	0.256	0.256	0.256	0.256	0.256
47	0.261	0.261	0.261	0.261	0.261	0.261
48	0.267	0.267	0.267	0.267	0.267	0.267
49	0.272	0.272	0.272	0.272	0.272	0.272
50	0.278	0.278	0.278	0.278	0.278	0.278
51	0.283	0.283	0.283	0.283	0.283	0.283
52	0.289	0.289	0.289	0.289	0.289	0.289
53	0.294	0.294	0.294	0.294	0.294	0.294
54	0.300	0.300	0.300	0.300	0.300	0.300
55	0.306	0.306	0.306	0.306	0.306	0.306
56	0.311	0.311	0.311	0.311	0.311	0.311
57	0.317	0.317	0.317	0.317	0.317	0.317
58	0.322	0.322	0.322	0.322	0.322	0.322
59	0.328	0.328	0.328	0.328	0.328	0.328
60	0.333	0.333	0.333	0.333	0.333	0.333

207 1/54

JM 23

Speaker Hindcast Cluster of Jonas Hopkins Lab.

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JAMES HOPKINS LAB.

DATE = 28 / 1 / 59
 RUN = 12
 TOTAL UP = 1501

AV. T = 35.3
 SIG. MAG. = 17.7
 CORR. MAG. = 0.278
 NOISE LEVEL = -0.278

WIND SPEED = 50

H	FREQ.	UNIT-FT-2	FILLING	LESS NOISE	CORR-FT-2	UPPER	LOWER
0	0.000	0.2817	0.2817	-0.2350	-0.2350	-0.3111	-1.6409
1	0.004	0.2932	0.2932	-0.2553	-0.2553	-0.3320	-1.6703
2	0.011	0.4403	0.4403	-0.4125	-0.4125	-0.7603	-0.6067
3	0.017	0.5318	0.5318	-0.5039	-0.5039	-0.9207	-0.5060
4	0.022	0.6379	0.6379	-0.6098	-0.6098	-1.0553	-0.6098
5	0.028	0.7732	0.7732	-0.7454	-0.7454	-1.2000	-0.7454
6	0.033	0.9171	0.9171	-0.8893	-0.8893	-1.3551	-0.8893
7	0.039	1.0851	1.0851	-1.0571	-1.0571	-1.5207	-1.0571
8	0.044	1.2675	1.2675	-1.2355	-1.2355	-1.6958	-1.2355
9	0.050	1.4658	1.4658	-1.4338	-1.4338	-1.8805	-1.4338
10	0.056	1.6809	1.6809	-1.6489	-1.6489	-2.0748	-1.6489
11	0.061	1.9132	1.9132	-1.8812	-1.8812	-2.2789	-1.8812
12	0.067	2.1637	2.1637	-2.1317	-2.1317	-2.4928	-2.1317
13	0.072	2.4324	2.4324	-2.4004	-2.4004	-2.7165	-2.4004
14	0.078	2.7193	2.7193	-2.6873	-2.6873	-2.9499	-2.6873
15	0.083	3.0243	3.0243	-2.9923	-2.9923	-3.1928	-2.9923
16	0.089	3.3473	3.3473	-3.3153	-3.3153	-3.4453	-3.3153
17	0.094	3.6883	3.6883	-3.6563	-3.6563	-3.7078	-3.6563
18	0.100	4.0473	4.0473	-3.9993	-3.9993	-3.9798	-3.9993
19	0.106	4.4243	4.4243	-4.3763	-4.3763	-4.2518	-4.3763
20	0.111	4.8193	4.8193	-4.7713	-4.7713	-4.5238	-4.7713
21	0.117	5.2323	5.2323	-5.1843	-5.1843	-4.7958	-5.1843
22	0.122	5.6633	5.6633	-5.6153	-5.6153	-5.0678	-5.6153
23	0.128	6.1123	6.1123	-6.0643	-6.0643	-5.3398	-6.0643
24	0.133	6.5793	6.5793	-6.5313	-6.5313	-5.6118	-6.5313
25	0.139	7.0643	7.0643	-7.0163	-7.0163	-5.8838	-7.0163
26	0.144	7.5673	7.5673	-7.5193	-7.5193	-6.1558	-7.5193
27	0.150	8.0883	8.0883	-8.0403	-8.0403	-6.4278	-8.0403
28	0.156	8.6273	8.6273	-8.5793	-8.5793	-6.6998	-8.5793
29	0.161	9.1843	9.1843	-9.1363	-9.1363	-6.9718	-9.1363
30	0.167	9.7583	9.7583	-9.7103	-9.7103	-7.2438	-9.7103
31	0.172	1.0358	1.0358	-1.0278	-1.0278	-7.5158	-1.0278
32	0.178	1.1003	1.1003	-1.0923	-1.0923	-7.7878	-1.0923
33	0.183	1.1718	1.1718	-1.1638	-1.1638	-8.0598	-1.1638
34	0.189	1.2503	1.2503	-1.2423	-1.2423	-8.3318	-1.2423
35	0.194	1.3358	1.3358	-1.3278	-1.3278	-8.6038	-1.3278
36	0.200	1.4283	1.4283	-1.4203	-1.4203	-8.8758	-1.4203
37	0.206	1.5278	1.5278	-1.5198	-1.5198	-9.1478	-1.5198
38	0.211	1.6343	1.6343	-1.6263	-1.6263	-9.4198	-1.6263
39	0.217	1.7478	1.7478	-1.7398	-1.7398	-9.6918	-1.7398
40	0.222	1.8683	1.8683	-1.8603	-1.8603	-9.9638	-1.8603
41	0.228	1.9958	1.9958	-1.9878	-1.9878	-10.2358	-1.9878
42	0.233	2.1303	2.1303	-2.1223	-2.1223	-10.5078	-2.1223
43	0.239	2.2718	2.2718	-2.2638	-2.2638	-10.7798	-2.2638
44	0.244	2.4203	2.4203	-2.4123	-2.4123	-11.0518	-2.4123
45	0.250	2.5758	2.5758	-2.5678	-2.5678	-11.3238	-2.5678
46	0.256	2.7383	2.7383	-2.7303	-2.7303	-11.5958	-2.7303
47	0.261	2.9078	2.9078	-2.9003	-2.9003	-11.8678	-2.9003
48	0.267	3.0843	3.0843	-3.0763	-3.0763	-12.1398	-3.0763
49	0.272	3.2678	3.2678	-3.2598	-3.2598	-12.4118	-3.2598
50	0.278	3.4583	3.4583	-3.4503	-3.4503	-12.6838	-3.4503
51	0.283	3.6558	3.6558	-3.6478	-3.6478	-12.9558	-3.6478
52	0.289	3.8593	3.8593	-3.8513	-3.8513	-13.2278	-3.8513
53	0.294	4.0698	4.0698	-4.0618	-4.0618	-13.5000	-4.0618
54	0.300	4.2873	4.2873	-4.2793	-4.2793	-13.7720	-4.2793
55	0.306	4.5118	4.5118	-4.5038	-4.5038	-14.0440	-4.5038
56	0.311	4.7433	4.7433	-4.7353	-4.7353	-14.3160	-4.7353
57	0.317	4.9818	4.9818	-4.9738	-4.9738	-14.5880	-4.9738
58	0.322	5.2273	5.2273	-5.2193	-5.2193	-14.8600	-5.2193
59	0.328	5.4798	5.4798	-5.4718	-5.4718	-15.1320	-5.4718
60	0.333	5.7393	5.7393	-5.7313	-5.7313	-15.4040	-5.7313

SPECTRA MINICASTING OCTOBER 11, 1962 DIGITIZED BY JAMES HOPKINS LAB.

DATE = 28 / 1 / 59
 RUN = 15
 TOTAL UP = 1501

AV. T = 32.4
 SIG. MAG. = 17.6
 CORR. MAG. = 0.277
 NOISE LEVEL = -0.277

WIND SPEED = 50

H	FREQ.	UNIT-FT-2	FILLING	LESS NOISE	CORR-FT-2	UPPER	LOWER
0	0.000	0.3210	0.3210	-0.2730	-0.2730	-0.3508	-1.2408
1	0.006	0.3621	0.3621	-0.3141	-0.3141	-0.3919	-1.2819
2	0.011	0.4032	0.4032	-0.3552	-0.3552	-0.4330	-1.3230
3	0.017	0.4443	0.4443	-0.3963	-0.3963	-0.4741	-1.3641
4	0.022	0.4854	0.4854	-0.4374	-0.4374	-0.5152	-1.4052
5	0.028	0.5265	0.5265	-0.4785	-0.4785	-0.5563	-1.4463
6	0.033	0.5676	0.5676	-0.5196	-0.5196	-0.5974	-1.4874
7	0.039	0.6087	0.6087	-0.5607	-0.5607	-0.6385	-1.5285
8	0.044	0.6498	0.6498	-0.6018	-0.6018	-0.6796	-1.5696
9	0.050	0.6909	0.6909	-0.6429	-0.6429	-0.7207	-1.6107
10	0.056	0.7320	0.7320	-0.6840	-0.6840	-0.7618	-1.6518
11	0.061	0.7731	0.7731	-0.7251	-0.7251	-0.8029	-1.6929
12	0.067	0.8142	0.8142	-0.7662	-0.7662	-0.8440	-1.7340
13	0.072	0.8553	0.8553	-0.8073	-0.8073	-0.8851	-1.7751
14	0.078	0.8964	0.8964	-0.8484	-0.8484	-0.9262	-1.8162
15	0.083	0.9375	0.9375	-0.8895	-0.8895	-0.9673	-1.8573
16	0.089	0.9786	0.9786	-0.9306	-0.9306	-1.0084	-1.8984
17	0.094	1.0197	1.0197	-0.9717	-0.9717	-1.0495	-1.9395
18	0.100	1.0608	1.0608	-1.0128	-1.0128	-1.0906	-1.9806
19	0.106	1.1019	1.1019	-1.0539	-1.0539	-1.1317	-2.0217
20	0.111	1.1430	1.1430	-1.0950	-1.0950	-1.1728	-2.0628
21	0.117	1.1841	1.1841	-1.1361	-1.1361	-1.2139	-2.1039
22	0.122	1.2252	1.2252	-1.1772	-1.1772	-1.2550	-2.1450
23	0.128	1.2663	1.2663	-1.2183	-1.2183	-1.2961	-2.1861
24	0.133	1.3074	1.3074	-1.2594	-1.2594	-1.3372	-2.2272
25	0.139	1.3485	1.3485	-1.3005	-1.3005	-1.3783	-2.2683
26	0.144	1.3896	1.3896	-1.3416	-1.3416	-1.4194	-2.3094
27	0.150	1.4307	1.4307	-1.3827	-1.3827	-1.4605	-2.3505
28	0.156	1.4718	1.4718	-1.4238	-1.4238	-1.5016	-2.3916
29	0.161	1.5129	1.5129	-1.4649	-1.4649	-1.5427	-2.4327
30	0.167	1.5540	1.5540	-1.5060	-1.5060	-1.5838	-2.4738
31	0.172	1.5951	1.5951	-1.5471	-1.5471	-1.6249	-2.5149
32	0.178	1.6362	1.6362	-1.5882	-1.5882	-1.6660	-2.5560
33	0.183	1.6773	1.6773	-1.6293	-1.6293	-1.7071	-2.5971
34	0.189	1.7184	1.7184	-1.6704	-1.6704	-1.7482	-2.6382
35	0.194	1.7595	1.7595	-1.7115	-1.7115	-1.7893	-2.6793
36	0.200	1.8006	1.8006	-1.7526	-1.7526	-1.8304	-2.7204
37	0.206	1.8417	1.8417	-1.7937	-1.7937	-1.8715	-2.7615
38	0.211	1.8828	1.8828	-1.8348	-1.8348	-1.9126	-2.8026
39	0.217	1.9239	1.9239	-1.8759	-1.8759	-1.9537	-2.8437
40	0.222	1.9650	1.9650	-1.9170	-1.9170	-1.9948	-2.8848
41	0.228	2.0061	2.0061	-1.9581	-1.9581	-2.0359	-2.9259
42	0.233	2.0472	2.0472	-1.9992	-1.9992	-2.0770	-2.9670
43	0.239	2.0883	2.0883	-2.0403	-2.0403	-2.1181	-3.0081
44	0.244	2.1294	2.1294	-2.0814	-2.0814	-2.1592	-3.0492
45	0.250	2.1705	2.1705	-2.1225	-2.1225	-2.2003	-3.0903
46	0.256	2.2116	2.2116	-2.1636	-2.1636	-2.2414	-3.1314
47	0.261	2.2527	2.2527	-2.2047	-2.2047	-2.2825	-3.1725
48	0.267	2.2938	2.2938	-2.2458	-2.2458	-2.3236	-3.2136
49	0.272	2.3349	2.3349	-2.2869	-2.2869	-2.3647	-3.2547
50	0.278	2.3760	2.3760	-2.3280	-2.3280	-2.4058	-3.2958
51	0.283	2.4171	2.4171	-2.3691	-2.3691	-2.4469	-3.3369
52	0.289	2.4582	2.4582	-2.4102	-2.4102	-2.4880	-3.3780
53	0.294	2.4993	2.4993	-2.4513	-2.4513	-2.5291	-3.4191
54	0.300	2.5404	2.5404	-2.4924	-2.4924	-2.5702	-3.4602
55	0.306	2.5815	2.5815	-2.5335	-2.5335	-2.6113	-3.5013
56	0.311	2.6226	2.6226	-2.5746	-2.5746	-2.6524	-3.5424
57	0.317	2.6637	2.6637	-2.6157	-2.6157	-2.6935	-3.5835
58	0.322	2.7048	2.7048	-2.6568	-2.6568	-2.7346	-3.6246
59	0.328	2.7459	2.7459	-2.6979	-2.6979	-2.7757	-3.6657
60	0.333	2.7870	2.7870	-2.7390	-2.7390	-2.8168	-3.7068

SPECTRA BROADCASTING OCTOBER 11, 1962 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 20 / 1/59 BY = J. H. RECORD = JM 26
 HOUR = 20:00 SIG-INT. = 20.0
 TOTAL DE = 152 CORR. VARI. = 42.3 WIND SPEED = 50
 NOISE LEVEL = .0251

H	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	LOW-F1.2	UPPER	LOWER
0	.000	.3810	.3810	.3860	.3840	.3745	.2350
1	.006	.3712	.3712	.3662	.3602	.3507	.2400
2	.011	.3612	.3612	.3561	.3501	.3405	.2400
3	.017	.3511	.3511	.3460	.3400	.3304	.2400
4	.022	.3410	.3410	.3359	.3300	.3204	.2400
5	.028	.3309	.3309	.3258	.3200	.3104	.2400
6	.033	.3208	.3208	.3157	.3100	.3004	.2400
7	.039	.3107	.3107	.3056	.3000	.2904	.2400
8	.044	.3006	.3006	.2955	.2900	.2804	.2400
9	.050	.2905	.2905	.2854	.2800	.2704	.2400
10	.056	.2804	.2804	.2753	.2700	.2604	.2400
11	.061	.2703	.2703	.2652	.2600	.2504	.2400
12	.067	.2602	.2602	.2551	.2500	.2404	.2400
13	.072	.2501	.2501	.2450	.2400	.2304	.2400
14	.078	.2400	.2400	.2349	.2300	.2204	.2400
15	.083	.2300	.2300	.2249	.2200	.2104	.2400
16	.088	.2200	.2200	.2149	.2100	.2004	.2400
17	.094	.2100	.2100	.2049	.2000	.1904	.2400
18	.100	.2000	.2000	.1949	.1900	.1804	.2400
19	.106	.1900	.1900	.1849	.1800	.1704	.2400
20	.111	.1800	.1800	.1749	.1700	.1604	.2400
21	.117	.1700	.1700	.1649	.1600	.1504	.2400
22	.122	.1600	.1600	.1549	.1500	.1404	.2400
23	.128	.1500	.1500	.1449	.1400	.1304	.2400
24	.133	.1400	.1400	.1349	.1300	.1204	.2400
25	.139	.1300	.1300	.1249	.1200	.1104	.2400
26	.144	.1200	.1200	.1149	.1100	.1004	.2400
27	.150	.1100	.1100	.1049	.1000	.0904	.2400
28	.156	.1000	.1000	.0949	.0900	.0804	.2400
29	.161	.0900	.0900	.0849	.0800	.0704	.2400
30	.167	.0800	.0800	.0749	.0700	.0604	.2400
31	.172	.0700	.0700	.0649	.0600	.0504	.2400
32	.178	.0600	.0600	.0549	.0500	.0404	.2400
33	.183	.0500	.0500	.0449	.0400	.0304	.2400
34	.189	.0400	.0400	.0349	.0300	.0204	.2400
35	.194	.0300	.0300	.0249	.0200	.0104	.2400
36	.200	.0200	.0200	.0149	.0100	.0004	.2400
37	.206	.0100	.0100	.0049	.0000	.0000	.2400
38	.211	.0000	.0000	.0000	.0000	.0000	.2400
39	.217	.0000	.0000	.0000	.0000	.0000	.2400
40	.222	.0000	.0000	.0000	.0000	.0000	.2400
41	.228	.0000	.0000	.0000	.0000	.0000	.2400
42	.233	.0000	.0000	.0000	.0000	.0000	.2400
43	.239	.0000	.0000	.0000	.0000	.0000	.2400
44	.244	.0000	.0000	.0000	.0000	.0000	.2400
45	.250	.0000	.0000	.0000	.0000	.0000	.2400
46	.256	.0000	.0000	.0000	.0000	.0000	.2400
47	.261	.0000	.0000	.0000	.0000	.0000	.2400
48	.267	.0000	.0000	.0000	.0000	.0000	.2400
49	.272	.0000	.0000	.0000	.0000	.0000	.2400
50	.278	.0000	.0000	.0000	.0000	.0000	.2400
51	.283	.0000	.0000	.0000	.0000	.0000	.2400
52	.289	.0000	.0000	.0000	.0000	.0000	.2400
53	.294	.0000	.0000	.0000	.0000	.0000	.2400
54	.300	.0000	.0000	.0000	.0000	.0000	.2400
55	.306	.0000	.0000	.0000	.0000	.0000	.2400
56	.311	.0000	.0000	.0000	.0000	.0000	.2400
57	.317	.0000	.0000	.0000	.0000	.0000	.2400
58	.322	.0000	.0000	.0000	.0000	.0000	.2400
59	.328	.0000	.0000	.0000	.0000	.0000	.2400
60	.333	.0000	.0000	.0000	.0000	.0000	.2400

SPECTRA BROADCASTING OCTOBER 11, 1962 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 20 / 1/59 BY = J. H. RECORD = JM 27
 HOUR = 20:00 SIG-INT. = 31.4
 TOTAL DE = 152 CORR. VARI. = 81.7 WIND SPEED = 50
 NOISE LEVEL = .0223

H	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	LOW-F1.2	UPPER	LOWER
0	.000	.3812	.3812	.3862	.3842	.3747	.2407
1	.006	.3712	.3712	.3662	.3602	.3507	.2407
2	.011	.3611	.3611	.3561	.3501	.3405	.2407
3	.017	.3510	.3510	.3460	.3400	.3304	.2407
4	.022	.3409	.3409	.3359	.3300	.3204	.2407
5	.028	.3308	.3308	.3258	.3200	.3104	.2407
6	.033	.3207	.3207	.3157	.3100	.3004	.2407
7	.039	.3106	.3106	.3056	.3000	.2904	.2407
8	.044	.3005	.3005	.2955	.2900	.2804	.2407
9	.050	.2904	.2904	.2854	.2800	.2704	.2407
10	.056	.2803	.2803	.2753	.2700	.2604	.2407
11	.061	.2702	.2702	.2652	.2600	.2504	.2407
12	.067	.2601	.2601	.2551	.2500	.2404	.2407
13	.072	.2500	.2500	.2450	.2400	.2304	.2407
14	.078	.2400	.2400	.2349	.2300	.2204	.2407
15	.083	.2300	.2300	.2249	.2200	.2104	.2407
16	.088	.2200	.2200	.2149	.2100	.2004	.2407
17	.094	.2100	.2100	.2049	.2000	.1904	.2407
18	.100	.2000	.2000	.1949	.1900	.1804	.2407
19	.106	.1900	.1900	.1849	.1800	.1704	.2407
20	.111	.1800	.1800	.1749	.1700	.1604	.2407
21	.117	.1700	.1700	.1649	.1600	.1504	.2407
22	.122	.1600	.1600	.1549	.1500	.1404	.2407
23	.128	.1500	.1500	.1449	.1400	.1304	.2407
24	.133	.1400	.1400	.1349	.1300	.1204	.2407
25	.139	.1300	.1300	.1249	.1200	.1104	.2407
26	.144	.1200	.1200	.1149	.1100	.1004	.2407
27	.150	.1100	.1100	.1049	.1000	.0904	.2407
28	.156	.1000	.1000	.0949	.0900	.0804	.2407
29	.161	.0900	.0900	.0849	.0800	.0704	.2407
30	.167	.0800	.0800	.0749	.0700	.0604	.2407
31	.172	.0700	.0700	.0649	.0600	.0504	.2407
32	.178	.0600	.0600	.0549	.0500	.0404	.2407
33	.183	.0500	.0500	.0449	.0400	.0304	.2407
34	.189	.0400	.0400	.0349	.0300	.0204	.2407
35	.194	.0300	.0300	.0249	.0200	.0104	.2407
36	.200	.0200	.0200	.0149	.0100	.0004	.2407
37	.206	.0100	.0100	.0049	.0000	.0000	.2407
38	.211	.0000	.0000	.0000	.0000	.0000	.2407
39	.217	.0000	.0000	.0000	.0000	.0000	.2407
40	.222	.0000	.0000	.0000	.0000	.0000	.2407
41	.228	.0000	.0000	.0000	.0000	.0000	.2407
42	.233	.0000	.0000	.0000	.0000	.0000	.2407
43	.239	.0000	.0000	.0000	.0000	.0000	.2407
44	.244	.0000	.0000	.0000	.0000	.0000	.2407
45	.250	.0000	.0000	.0000	.0000	.0000	.2407
46	.256	.0000	.0000	.0000	.0000	.0000	.2407
47	.261	.0000	.0000	.0000	.0000	.0000	.2407
48	.267	.0000	.0000	.0000	.0000	.0000	.2407
49	.272	.0000	.0000	.0000	.0000	.0000	.2407
50	.278	.0000	.0000	.0000	.0000	.0000	.2407
51	.283	.0000	.0000	.0000	.0000	.0000	.2407
52	.289	.0000	.0000	.0000	.0000	.0000	.2407
53	.294	.0000	.0000	.0000	.0000	.0000	.2407
54	.300	.0000	.0000	.0000	.0000	.0000	.2407
55	.306	.0000	.0000	.0000	.0000	.0000	.2407
56	.311	.0000	.0000	.0000	.0000	.0000	.2407
57	.317	.0000	.0000	.0000	.0000	.0000	.2407
58	.322	.0000	.0000	.0000	.0000	.0000	.2407
59	.328	.0000	.0000	.0000	.0000	.0000	.2407
60	.333	.0000	.0000	.0000	.0000	.0000	.2407

SE	= 292 1839	AGE	= 1	YR		WESGW	=	JM 28
UR	= 0	SIG.MOI.	=	2F.2				
UP	= 159	CORN. VAR.	=	42.8				
		NOISE LEVEL	=	2124		LINE SPEED	=	40

P	#	UNIT FILE	FILE NO	LESS MILES	LOWR #1-2	UPPER	LOWR
0	004	03406	03408	0214	0239	07649	0002
1	004	03403	03403	0203	0203	07621	0003
4	011	00800	00800	00400	00400	11307	0114
5	011	01100	01100	00700	00700	08006	0115
6	022	03101	03101	00501	00402	07206	0210
2	022	01100	01100	00302	00301	07116	0050
3	033	00800	00800	00207	00207	07118	0050
7	034	00807	00807	00207	00207	07046	0081
8	034	00807	00807	00207	00207	07043	0082
9	050	01608	01608	00407	00402	07130	0060
10	050	01608	01608	00407	00405	07039	0060
11	050	01608	01608	00407	00407	07035	0060
12	067	03402	03402	03402	03402	06305	0340
13	067	03402	03402	03402	03402	06305	0340
14	067	03402	03402	03402	03402	06305	0340
15	083	03408	03408	03408	03408	07501	0340
16	083	03408	03408	03408	03408	07501	0340
17	083	03408	03408	03408	03408	07501	0340
18	083	03408	03408	03408	03408	07501	0340
19	083	03408	03408	03408	03408	07501	0340
20	083	03408	03408	03408	03408	07501	0340
21	083	03408	03408	03408	03408	07501	0340
22	083	03408	03408	03408	03408	07501	0340
23	083	03408	03408	03408	03408	07501	0340
24	083	03408	03408	03408	03408	07501	0340
25	083	03408	03408	03408	03408	07501	0340
26	083	03408	03408	03408	03408	07501	0340
27	083	03408	03408	03408	03408	07501	0340
28	083	03408	03408	03408	03408	07501	0340
29	083	03408	03408	03408	03408	07501	0340
30	083	03408	03408	03408	03408	07501	0340
31	083	03408	03408	03408	03408	07501	0340
32	083	03408	03408	03408	03408	07501	0340
33	083	03408	03408	03408	03408	07501	0340
34	083	03408	03408	03408	03408	07501	0340
35	083	03408	03408	03408	03408	07501	0340
36	083	03408	03408	03408	03408	07501	0340
37	083	03408	03408	03408	03408	07501	0340
38	083	03408	03408	03408	03408	07501	0340
39	083	03408	03408	03408	03408	07501	0340
40	083	03408	03408	03408	03408	07501	0340
41	083	03408	03408	03408	03408	07501	0340
42	083	03408	03408	03408	03408	07501	0340
43	083	03408	03408	03408	03408	07501	0340
44	083	03408	03408	03408	03408	07501	0340
45	083	03408	03408	03408	03408	07501	0340
46	083	03408	03408	03408	03408	07501	0340
47	083	03408	03408	03408	03408	07501	0340
48	083	03408	03408	03408	03408	07501	0340
49	083	03408	03408	03408	03408	07501	0340
50	083	03408	03408	03408	03408	07501	0340

IG = 292 1/2	ΔV ₁ = 10	ΔV ₂ =	REGUL =	JM 29
UB = 0	SIG.MG1 =	21.0		
LF = 140	CJAA, VAL1 =	27.6		
	NOISE LEVEL =	0.108	INAC SPEC =	25

M	FR.	UNIT-1/2	FILTRUM	LESS-1/2	LESS-1/2	UPPER	LOWER
0	000	1361	1361	1339	1339	1483	1483
1	008	2190	2190	2078	2078	1379	1291
2	017	2817	2817	2575	2575	1417	1426
3	025	3515	3515	3393	3393	1433	1433
4	022	2890	2890	2912	2912	1383	1404
5	030	2872	2872	2811	2811	1383	1404
6	033	0570	0570	0408	0408	1393	1393
7	036	0506	0506	0365	0365	1402	1402
8	044	0372	0372	0211	0211	1462	1460
9	050	0560	0560	0378	0378	1422	1424
10	058	0728	0728	0517	0517	1484	1484
11	061	1501	1510	1348	1336	1278	1278
12	067	2101	2101	2007	2007	1402	1402
13	074	05184	05184	25722	25722	3788	3788
14	078	31310	31310	31188	31188	3788	3788
15	083	31734	31734	31512	31512	6197	6195
16	087	24254	24254	24102	24102	6197	6197
17	088	15214	15214	15102	15102	6195	6200
18	090	11921	11921	11825	11817	3794	3815
19	100	11806	11806	11828	11828	2107	2107
20	111	3553	3553	3432	3432	1478	1478
21	112	0800	0800	8719	8719	1402	1402
22	122	0613	0615	5858	1858	1402	1403
23	128	2258	2258	2258	2258	1403	1403
24	133	3360	3360	3258	3258	1471	1475
25	139	2316	2316	2164	2164	1402	1402
26	140	2102	2102	2102	2102	1402	1402
27	156	4878	4878	4717	4717	1773	1616
28	158	1907	1907	1717	1717	1402	1402
29	161	1898	1898	1737	1718	1727	1727
30	162	1702	1702	1631	1631	1403	1403
31	172	1422	1422	1381	1474	1403	1375
32	170	0812	0812	0812	1637	1018	1018
33	183	2808	2808	2722	2722	1403	1403
34	187	0595	0595	0431	0276	1352	1813
35	188	0408	0408	0408	0408	1403	1403
36	204	0560	0560	0398	0189	1403	1403
37	201	0560	0560	0398	0189	1403	1403
38	211	0505	0505	0344	1404	1402	1913
39	211	0481	0481	0314	1404	1402	1913
40	222	0362	0362	0260	1104	1403	1403
41	222	0362	0362	0260	1018	1476	1408
42	233	0362	0362	0260	1018	1476	1408
43	240	0306	0311	0217	1036	1713	1402
44	248	0284	0284	0187	1404	1402	1402
45	256	0298	0298	0187	0704	1402	1402
46	260	0210	0210	0106	0106	1402	1402
47	261	0600	0608	0506	0406	1375	1309
48	272	0688	0688	0506	0506	1375	1375
49	272	0688	0688	0506	1023	1483	1483
50	278	0619	0619	0517	1124	1472	1476
51	283	0619	0619	0517	1124	1472	1476
52	288	0184	0184	0000	0000	0000	0000
53	288	0184	0184	0000	0000	0000	0000

SPECTRA MINICASTING OCTUBER 11, 1962 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 24 / 1 / 53		REL. IN = 7.0		RECNO = 31		
TOTAL CP = 143		SIG. MAG. = 11.1		WIND SPEED = 35		
		CORE MAG. = 7.7				
		NOISE LEVEL = .0044				
N	PREL.	UNIT-FT.2	FILTERED	LESS ACES	UPPER	LOWER
0	.000	.0179	.0179	.0130	.0140	.0239
1	.000	.0204	.0204	.0215	.0210	.0309
2	.011	.0319	.0319	.0270	.0270	.0497
3	.017	.0272	.0272	.0223	.0223	.0411
4	.024	.0215	.0215	.0185	.0185	.0305
5	.043	.0116	.0116	.0087	.0087	.0123
6	.033	.0088	.0088	.0051	.0050	.0095
7	.037	.0093	.0093	.0038	.0038	.0083
8	.044	.0092	.0092	.0032	.0032	.0073
9	.050	.0090	.0090	.0028	.0028	.0062
10	.058	.0087	.0087	.0024	.0024	.0056
11	.061	.0078	.0078	.0025	.0025	.0054
12	.067	.0043	.0043	.0004	.0004	.0123
13	.072	.0010	.0010	.0001	.0001	.0152
14	.074	.0010	.0010	.0001	.0001	.0189
15	.083	.0041	.0041	.0012	.0012	.0159
16	.088	.0045	.0045	.0015	.0015	.0158
17	.075	.0111	.0111	.0082	.0081	.0075
18	.100	.1101	.1101	.1098	.1092	.1091
19	.108	.0719	.0719	.0670	.0632	.0758
20	.111	.0630	.0630	.0625	.0601	.0691
21	.113	.0729	.0729	.0720	.0702	.0760
22	.122	.1522	.1522	.1473	.1402	.1398
23	.123	.0503	.0503	.0485	.0475	.0508
24	.133	.2043	.2043	.1973	.1904	.1887
25	.135	.1873	.1873	.1823	.1758	.1826
26	.148	.1893	.1893	.1843	.1782	.1868
27	.150	.1865	.1865	.1816	.1756	.1876
28	.158	.1892	.1892	.1843	.1783	.1915
29	.163	.0722	.0722	.0723	.0667	.0931
30	.173	.0037	.0037	.0038	.0037	.0083
31	.172	.0035	.0035	.0036	.0035	.0071
32	.178	.0022	.0022	.0022	.0022	.0072
33	.183	.0038	.0038	.0038	.0038	.0077
34	.189	.0040	.0040	.0040	.0040	.0080
35	.195	.0038	.0038	.0038	.0038	.0083
36	.200	.0048	.0048	.0048	.0048	.0090
37	.202	.0048	.0048	.0048	.0048	.0091
38	.211	.0041	.0041	.0041	.0041	.0091
39	.217	.0040	.0040	.0040	.0040	.0091
40	.222	.0042	.0042	.0042	.0042	.0091
41	.228	.0040	.0040	.0040	.0040	.0091
42	.233	.0041	.0041	.0041	.0041	.0091
43	.239	.0042	.0042	.0042	.0042	.0091
44	.246	.0040	.0040	.0040	.0040	.0091
45	.250	.0040	.0040	.0040	.0040	.0091
46	.254	.0041	.0041	.0041	.0041	.0091
47	.261	.0040	.0040	.0040	.0040	.0091
48	.267	.0040	.0040	.0040	.0040	.0091
49	.272	.0040	.0040	.0040	.0040	.0091
50	.278	.0042	.0042	.0042	.0042	.0091
51	.283	.0048	.0048	.0048	.0048	.0091
52	.288	.0048	.0048	.0048	.0048	.0091
53	.294	.0045	.0045	.0045	.0045	.0091
54	.300	.0041	.0041	.0041	.0041	.0091
55	.305	.0045	.0045	.0045	.0045	.0091
56	.311	.0052	.0052	.0052	.0052	.0091
57	.317	.0054	.0054	.0054	.0054	.0091
58	.322	.0056	.0056	.0056	.0056	.0091
59	.328	.0058	.0058	.0058	.0058	.0091
60	.333	.0053	.0053	.0053	.0053	.0091

SPECTRA MINICASTING OCTUBER 11, 1962 DIGITIZED BY JONAS HOPKINS LAB.

DATE = 24 / 1 / 53		REL. IN		RECNO = 31		
MLC# = 0		SIG. MAG. = 12.4		WIND SPEED = 40		
TOTAL CP = 179		CORE MAG. = 7.7				
		NOISE LEVEL = .0061				
N	PREL.	UNIT-FT.2	FILTERED	LESS ACES	UPPER	LOWER
0	.000	.0264	.0264	.0233	.0249	.0368
1	.000	.0384	.0384	.0342	.0354	.0504
2	.011	.0593	.0593	.0531	.0579	.0738
3	.017	.0385	.0385	.0346	.0391	.0509
4	.024	.0256	.0256	.0195	.0249	.0324
5	.043	.0160	.0160	.0122	.0162	.0209
6	.033	.0151	.0151	.0111	.0149	.0200
7	.037	.0127	.0127	.0089	.0127	.0165
8	.044	.0109	.0109	.0078	.0109	.0147
9	.050	.0021	.0021	.0024	.0021	.0073
10	.058	.0015	.0015	.0014	.0015	.0051
11	.061	.0015	.0015	.0014	.0015	.0050
12	.067	.0016	.0016	.0012	.0016	.0046
13	.072	.0019	.0019	.0012	.0017	.0051
14	.074	.0013	.0013	.0012	.0013	.0040
15	.075	.0015	.0015	.0012	.0015	.0040
16	.084	.0134	.0134	.0129	.0129	.0194
17	.084	.0252	.0252	.0240	.0240	.0367
18	.094	.0060	.0060	.0054	.0054	.0081
19	.100	.0076	.0076	.0072	.0072	.0100
20	.113	.0084	.0084	.0080	.0080	.0104
21	.117	.0231	.0231	.0170	.0170	.0267
22	.122	.0081	.0081	.0073	.0073	.0104
23	.123	.0083	.0083	.0074	.0074	.0104
24	.128	.0085	.0085	.0076	.0076	.0104
25	.134	.0076	.0076	.0067	.0067	.0090
26	.135	.0081	.0081	.0071	.0071	.0090
27	.139	.0083	.0083	.0074	.0074	.0090
28	.146	.0082	.0082	.0073	.0073	.0090
29	.151	.0084	.0084	.0074	.0074	.0090
30	.157	.0086	.0086	.0076	.0076	.0090
31	.162	.0084	.0084	.0076	.0076	.0090
32	.168	.0087	.0087	.0078	.0078	.0090
33	.173	.0085	.0085	.0076	.0076	.0090
34	.178	.0087	.0087	.0078	.0078	.0090
35	.183	.0085	.0085	.0076	.0076	.0090
36	.189	.0087	.0087	.0078	.0078	.0090
37	.195	.0089	.0089	.0079	.0079	.0090
38	.200	.0088	.0088	.0078	.0078	.0090
39	.202	.0088	.0088	.0078	.0078	.0090
40	.211	.0092	.0092	.0081	.0081	.0090
41	.217	.0095	.0095	.0083	.0083	.0090
42	.222	.0104	.0104	.0091	.0091	.0090
43	.228	.0094	.0094	.0082	.0082	.0090
44	.233	.0095	.0095	.0083	.0083	.0090
45	.239	.0097	.0097	.0084	.0084	.0090
46	.246	.0098	.0098	.0085	.0085	.0090
47	.250	.0098	.0098	.0085	.0085	.0090
48	.254	.0098	.0098	.0085	.0085	.0090
49	.261	.0098	.0098	.0085	.0085	.0090
50	.267	.0098	.0098	.0085	.0085	.0090
51	.272	.0098	.0098	.0085	.0085	.0090
52	.278	.0098	.0098	.0085	.0085	.0090
53	.283	.0098	.0098	.0085	.0085	.0090
54	.288	.0098	.0098	.0085	.0085	.0090
55	.294	.0098	.0098	.0085	.0085	.0090
56	.300	.0098	.0098	.0085	.0085	.0090
57	.305	.0098	.0098	.0085	.0085	.0090
58	.311	.0098	.0098	.0085	.0085	.0090
59	.317	.0098	.0098	.0085	.0085	.0090
60	.323	.0098	.0098	.0085	.0085	.0090

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FE = 24/ 1/59	AV. I = 7.3	RECORD = JM 24
DA = 9	SIC. MGT. = 18.7	
DF = 152	CORR. VAR. = 10.4	

MOISE LEVEL 5 - DEIV							WIND SPEED = 65
M	PRE.	UNIT#P3.2	FILETGO	LESS AC335	LGON-F.27	UPPER	LGONR
0	0000	00884	00884	00765	00765	01410	00487
1	0004	10530	10530	01217	01217	04248	00899
2	0011	17311	17311	01812	01812	07070	01370
3	0017	10277	10277	00953	00953	01767	00810
4	0024	00812	00812	00497	00497	00607	00313
5	0028	00438	00438	00317	00317	00785	00202
6	0033	00276	00276	00193	00244	00449	00195
7	0037	00137	00137	00093	00153	00264	00104
8	0044	00191	00191	00072	00086	00159	00095
9	0049	00137	00137	00058	00058	00103	00073
10	0056	00228	00228	00107	00114	00210	00101
11	0061	00883	00883	00456	00489	00708	00373
12	0064	10365	10365	01240	01278	04508	01008
13	0072	02002	02002	01083	01932	03561	01720
14	0078	02223	02223	01218	02018	03722	01933
15	0083	03500	03500	01340	02408	03569	02249
16	0087	01221	01221	00718	01121	02307	00876
17	0094	01178	01178	01155	01212	02307	00876
18	0100	01829	01829	01675	02690	03135	01240
19	0106	02102	02102	02005	02477	03093	01280
20	0111	02882	02882	02723	03424	03707	01988
21	0117	03562	03562	03562	03562	03562	03562
22	0122	04430	04430	04311	04783	04007	03595
23	0125	02308	02308	02280	03109	03082	02036
24	0133	02592	02592	02592	03251	03251	02027
25	0138	03228	03228	03107	04088	04088	03112
26	0144	02091	02091	02080	03488	03488	02080
27	0150	01782	01782	01863	02929	03435	01878
28	0158	00961	00961	00961	01311	02428	00961
29	0164	00903	00903	00884	01050	02550	00881
30	0167	01010	01010	00911	01335	02588	01237
31	0172	00910	00910	00702	01022	02583	00910
32	0178	00910	00910	00792	01962	00712	00910
33	0183	00904	00904	00852	02358	02358	00904
34	0189	00775	00775	00696	01955	03087	01232
35	0196	00657	00657	00518	01722	03174	00979
36	0200	00750	00750	00631	02029	03059	01202
37	0204	00709	00709	00686	02515	00673	01816
38	0211	00861	00861	01025	02785	02785	00861
39	0217	00954	00954	00735	01077	01084	00868
40	0223	00765	00765	00619	00619	01771	00812
41	0226	00265	00265	00265	00265	00265	00265
42	0233	00271	00282	00193	00871	01711	00559
43	0239	00281	00281	00127	00578	00578	00281
44	0246	00185	00193	00073	00506	00444	00361
45	0251	00127	00127	00033	00333	00333	00127
46	0256	00136	00155	00036	00343	00612	00136
47	0261	00132	00215	00096	0014	00778	00096
48	0267	00081	00141	00018	00018	00504	00081
49	0272	00210	00223	00104	01394	00505	00827
50	0277	00189	00189	00071	00117	00117	00189
51	0283	00123	00128	00009	00157	00289	00120
52	0288	00067	00067	00003	00003	00009	00067
53	0294	00019	00019	00010	00010	00019	00033
54	0300	00142	00140	00021	00033	00083	00141
55	0306	00061	00061	00000	00007	00007	00061
56	0311	00191	00143	00024	00024	00024	00191
57	0317	00061	00061	00000	00000	00000	00061
58	0322	00069	00062	00000	00000	00000	00069
59	0328	00089	00089	00000	00000	00000	00089
60	0331	00061	00061	00000	00000	00000	00061

TE = 24/ 1/54	AV. Tn	7.1	RECCHO =	JH 35
UR = 12	SIG.MGT. =	18.7		
DF = 150	CUHA. VAR. =	21.8		

NOISE LEVEL = .0105							WIND SPEED = 30
N	FILE	UNIT-FILE	FILTERED	LESS NOISE	COM-F4-F7	UPPER	LOWER
0	.0000	.1300	.1300	.1260	.1260	.2323	.0602
1	.0005	.1030	.1030	.1025	.1025	.2306	.1102
2	.0010	.1000	.1000	.1000	.1000	.2302	.1202
3	.0117	.1170	.1170	.1074	.1074	.1577	.0881
4	.0140	.1080	.1080	.1084	.1084	.1580	.0880
5	.0068	.0825	.0825	.0519	.0519	.1079	.0531
6	.0133	.0804	.0804	.0362	.0371	.1052	.0763
7	.0058	.0804	.0804	.0358	.0368	.1047	.0763
8	.0066	.0826	.0826	.0321	.0362	.1070	.0824
9	.0060	.0804	.0804	.0372	.0372	.1077	.0806
10	.0056	.0401	.0401	.0405	.0435	.0803	.2712
11	.0061	.1072	.1072	.1273	.1016	.1508	.0590
12	.0061	.1015	.1015	.1451	.1015	.1477	.0590
13	.0072	.2062	.2062	.2020	.0876	.3042	.1375
14	.0078	.2062	.2062	.2020	.0876	.3042	.1375
15	.0093	.1458	.1458	.2135	.2453	.0525	.1014
16	.0060	.1065	.1065	.1065	.1065	.1065	.1065
17	.0064	.1203	.1203	.1077	.1075	.2452	.1926
18	.100	.1274	.1274	.1268	.1404	.2701	.1208
19	.100	.0911	.0911	.0400	.1000	.1000	.1000
20	.111	.1171	.1171	.3065	.3104	.0930	.2397
21	.0061	.1061	.1061	.2795	.2532	.0844	.0844
22	.102	.0407	.0407	.3011	.0710	.0917	.2044
23	.108	.2360	.2360	.2234	.2191	.0808	.2026
24	.113	.1157	.1157	.1052	.1052	.1052	.1052
25	.109	.1317	.1317	.1212	.1306	.0503	.1214
26	.108	.2105	.2105	.1105	.1105	.1005	.1005
27	.100	.1012	.1012	.0908	.1058	.0793	.1024
28	.150	.0800	.0800	.0741	.0741	.0741	.0741
29	.100	.1000	.1000	.1000	.1000	.1072	.1000
30	.107	.1000	.1000	.1000	.0735	.0542	.1742
31	.006	.0804	.0804	.0804	.0804	.0804	.0804
32	.118	.0840	.0840	.0530	.1306	.0400	.0037
33	.100	.0878	.0878	.0878	.0878	.0878	.0878
34	.109	.0050	.0050	.0000	.1022	.0000	.1033
35	.108	.0848	.0848	.0967	.1720	.0000	.1105
36	.100	.0012	.0012	.0000	.1000	.0000	.1000
37	.205	.0317	.0317	.0207	.0786	.0493	.0000
38	.0061	.0000	.0000	.0000	.0000	.0000	.0000
39	.217	.0208	.0208	.0101	.0401	.0000	.0293
40	.224	.0100	.0100	.0000	.0000	.0000	.0000
41	.208	.0127	.0127	.0011	.0353	.0725	.0000
42	.233	.0137	.0102	.0057	.0350	.0000	.0223
43	.209	.0000	.0000	.0000	.0000	.0000	.0000
44	.204	.0207	.0219	.0134	.1013	.1004	.0045
45	.200	.0203	.0203	.0113	.0000	.0000	.0000
46	.209	.0178	.0102	.0077	.0725	.1130	.0000
47	.2061	.0176	.0170	.0045	.0013	.1260	.0045
48	.210	.0150	.0151	.0000	.0000	.1000	.0000
49	.272	.0195	.0190	.0074	.0327	.0000	.0000
50	.208	.0114	.0114	.0000	.0000	.0000	.0000
51	.203	.0133	.0114	.0022	.0370	.0000	.0000
52	.210	.0100	.0100	.0000	.0000	.0000	.0000
53	.204	.0011	.0100	.0014	.0315	.0000	.0000
54	.206	.0133	.0126	.0021	.0024	.0000	.0000
55	.206	.0183	.0183	.0023	.0023	.0000	.0000
56	.301	.0112	.0113	.0000	.0000	.0000	.0000
57	.317	.0000	.0000	.0000	.0000	.0000	.0000
58	.342	.0070	.0070	.0000	.0000	.0000	.0000
59	.308	.0000	.0000	.0000	.0000	.0000	.0000
60	.333	.0000	.0000	.0000	.0000	.0000	.0000

SPECTRA MONITORING OCTOBER 11, 1962 DIGITIZED BY JOHN HOPKINS LAB.

DATE = 24/ 1/59		SIG. FCT. = 19.2		RECORD = JM 30			
HOUR = 15		CORR. FCT. = 20.0		WIND SPEED = 30			
TOTAL OF 200		NOISE LEVEL = .0140					
M	FREQ.	UNIT=FT.2	FILTERED	LESS NOISE	CORR.FCT.	UPPER	LOWER
0	.000	.1871	.1871	.1722	.1722	.3174	.1064
1	.005	.1857	.1857	.1807	.1807	.3231	.1151
2	.011	.1848	.1848	.1808	.1808	.3284	.1261
3	.017	.1841	.1841	.1805	.1805	.3326	.1343
4	.022	.1836	.1836	.1802	.1802	.3365	.1400
5	.028	.1832	.1832	.1801	.1801	.3400	.1440
6	.033	.1829	.1829	.1800	.1800	.3431	.1468
7	.039	.1821	.1821	.1797	.1797	.3457	.1487
8	.044	.1810	.1810	.1784	.1784	.3478	.1501
9	.050	.1801	.1801	.1773	.1773	.3495	.1511
10	.056	.1794	.1794	.1764	.1764	.3508	.1518
11	.061	.1787	.1787	.1755	.1755	.3517	.1521
12	.067	.1781	.1781	.1747	.1747	.3522	.1524
13	.072	.1775	.1775	.1740	.1740	.3524	.1525
14	.078	.1769	.1769	.1733	.1733	.3524	.1525
15	.083	.1764	.1764	.1728	.1728	.3521	.1524
16	.089	.1759	.1759	.1723	.1723	.3517	.1521
17	.094	.1754	.1754	.1718	.1718	.3511	.1516
18	.100	.1749	.1749	.1713	.1713	.3504	.1510
19	.105	.1744	.1744	.1708	.1708	.3497	.1504
20	.111	.1739	.1739	.1703	.1703	.3489	.1497
21	.117	.1734	.1734	.1698	.1698	.3481	.1490
22	.122	.1729	.1729	.1693	.1693	.3473	.1483
23	.128	.1724	.1724	.1688	.1688	.3464	.1475
24	.133	.1719	.1719	.1683	.1683	.3456	.1467
25	.139	.1714	.1714	.1678	.1678	.3447	.1459
26	.144	.1709	.1709	.1673	.1673	.3438	.1451
27	.150	.1704	.1704	.1668	.1668	.3429	.1443
28	.155	.1699	.1699	.1663	.1663	.3420	.1435
29	.161	.1694	.1694	.1658	.1658	.3411	.1427
30	.167	.1689	.1689	.1653	.1653	.3402	.1419
31	.172	.1684	.1684	.1648	.1648	.3393	.1411
32	.178	.1679	.1679	.1643	.1643	.3384	.1403
33	.183	.1674	.1674	.1638	.1638	.3375	.1395
34	.189	.1669	.1669	.1633	.1633	.3366	.1387
35	.194	.1664	.1664	.1628	.1628	.3357	.1379
36	.200	.1659	.1659	.1623	.1623	.3348	.1371
37	.205	.1654	.1654	.1618	.1618	.3339	.1363
38	.211	.1649	.1649	.1613	.1613	.3330	.1355
39	.216	.1644	.1644	.1608	.1608	.3321	.1347
40	.222	.1639	.1639	.1603	.1603	.3312	.1339
41	.227	.1634	.1634	.1598	.1598	.3303	.1331
42	.233	.1629	.1629	.1593	.1593	.3294	.1323
43	.238	.1624	.1624	.1588	.1588	.3285	.1315
44	.244	.1619	.1619	.1583	.1583	.3276	.1307
45	.250	.1614	.1614	.1578	.1578	.3267	.1299
46	.255	.1609	.1609	.1573	.1573	.3258	.1291
47	.261	.1604	.1604	.1568	.1568	.3249	.1283
48	.267	.1599	.1599	.1563	.1563	.3240	.1275
49	.272	.1594	.1594	.1558	.1558	.3231	.1267
50	.278	.1589	.1589	.1553	.1553	.3222	.1259
51	.283	.1584	.1584	.1548	.1548	.3213	.1251
52	.289	.1579	.1579	.1543	.1543	.3204	.1243
53	.294	.1574	.1574	.1538	.1538	.3195	.1235
54	.300	.1569	.1569	.1533	.1533	.3186	.1227
55	.305	.1564	.1564	.1528	.1528	.3177	.1219
56	.311	.1559	.1559	.1523	.1523	.3168	.1211
57	.317	.1554	.1554	.1518	.1518	.3159	.1203
58	.322	.1549	.1549	.1513	.1513	.3150	.1195
59	.328	.1544	.1544	.1508	.1508	.3141	.1187
60	.333	.1539	.1539	.1503	.1503	.3132	.1179

SPECTRA MONITORING OCTOBER 11, 1962 DIGITIZED BY JOHN HOPKINS LAB.

DATE = 24/ 1/59		REV. to 20.0		RECORD = JM 31		
HOUR = 16		SIG. FCT. = 20.0				
TOTAL OF 135		CORR. FCT. = 20.0				
		NOISE LEVEL = .0071				
M	FREQ.	UNIT=FT.2	FILTERED	LESS NOISE	UPPER	LOWER
0	.000	.0743	.0743	.0644	.1191	.0412
1	.005	.0731	.0731	.0636	.1178	.0404
2	.011	.0717	.0717	.0624	.1165	.0396
3	.017	.0703	.0703	.0612	.1152	.0388
4	.022	.0689	.0689	.0600	.1139	.0380
5	.028	.0675	.0675	.0587	.1126	.0372
6	.033	.0661	.0661	.0575	.1113	.0364
7	.039	.0647	.0647	.0563	.1100	.0356
8	.044	.0633	.0633	.0551	.1087	.0348
9	.050	.0619	.0619	.0539	.1074	.0340
10	.056	.0605	.0605	.0527	.1061	.0332
11	.061	.0591	.0591	.0515	.1048	.0324
12	.067	.0577	.0577	.0503	.1035	.0316
13	.072	.0563	.0563	.0491	.1022	.0308
14	.078	.0549	.0549	.0479	.1009	.0300
15	.083	.0535	.0535	.0467	.996	.0292
16	.089	.0521	.0521	.0455	.987	.0284
17	.094	.0507	.0507	.0443	.978	.0276
18	.100	.0493	.0493	.0431	.969	.0268
19	.105	.0479	.0479	.0419	.960	.0260
20	.111	.0465	.0465	.0407	.951	.0252
21	.117	.0451	.0451	.0395	.942	.0244
22	.122	.0437	.0437	.0383	.933	.0236
23	.128	.0423	.0423	.0371	.924	.0228
24	.133	.0409	.0409	.0359	.915	.0220
25	.139	.0395	.0395	.0347	.906	.0212
26	.144	.0381	.0381	.0335	.897	.0204
27	.150	.0367	.0367	.0323	.888	.0196
28	.155	.0353	.0353	.0311	.879	.0188
29	.161	.0339	.0339	.0299	.870	.0180
30	.167	.0325	.0325	.0287	.861	.0172
31	.172	.0311	.0311	.0275	.852	.0164
32	.178	.0297	.0297	.0263	.843	.0156
33	.183	.0283	.0283	.0251	.834	.0148
34	.189	.0269	.0269	.0239	.825	.0140
35	.194	.0255	.0255	.0227	.816	.0132
36	.200	.0241	.0241	.0215	.807	.0124
37	.205	.0227	.0227	.0203	.798	.0116
38	.211	.0213	.0213	.0191	.789	.0108
39	.216	.0199	.0199	.0179	.780	.0100
40	.222	.0185	.0185	.0167	.771	.0092
41	.227	.0171	.0171	.0155	.762	.0084
42	.233	.0157	.0157	.0143	.753	.0076
43	.238	.0143	.0143	.0129	.744	.0068
44	.244	.0129	.0129	.0115	.735	.0060
45	.250	.0115	.0115	.0103	.726	.0052
46	.255	.0101	.0101	.0089	.717	.0044
47	.261	.0087	.0087	.0075	.708	.0036
48	.267	.0073	.0073	.0061	.699	.0028
49	.272	.0059	.0059	.0047	.690	.0020
50	.278	.0045	.0045	.0033	.681	.0012
51	.283	.0031	.0031	.0021	.672	.0004
52	.289	.0017	.0017	.0009	.663	.0000
53	.294	.0003	.0003	.0000	.654	.0000
54	.300	.0000	.0000	.0000	.645	.0000
55	.305	.0000	.0000	.0000	.636	.0000
56	.311	.0000	.0000	.0000	.627	.0000
57	.317	.0000	.0000	.0000	.618	.0000
58	.322	.0000	.0000	.0000	.609	.0000
59	.328	.0000	.0000	.0000	.600	.0000
60	.333	.0000	.0000	.0000	.591	.0000

SPECTRA HINDCASTING OCTOBER 11, 1992 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 24/ 1/93
 SIG.WGT. = 19.1
 RECORD = JM 38
 TOTAL OF = 100
 CORR. WAD. = 22.0
 NOISE LEVEL = .0006
 WIND SPEED = 20

H	FREQ.	UNIT+PT.2	FILTERED	LESS ACISE	CORR.FT.2	UPPER	LOWER
0	.000	.0404	.0404	.0306	.0306	.0564	.0195
1	.006	.0524	.0524	.0439	.0439	.0793	.0227
2	.011	.0586	.0586	.0488	.0488	.0883	.0374
3	.017	.0674	.0674	.0575	.0575	.1040	.0546
4	.022	.0747	.0747	.0647	.0647	.1166	.0747
5	.028	.0770	.0770	.0680	.0680	.1332	.0915
6	.033	.0888	.0888	.0770	.0770	.1494	.0971
7	.038	.0956	.0956	.0825	.0825	.1625	.1016
8	.044	.1043	.1043	.0931	.0931	.1727	.1071
9	.050	.1167	.1167	.1063	.1063	.1868	.1127
10	.056	.1304	.1304	.1206	.1206	.2057	.1183
11	.061	.1480	.1480	.1412	.1412	.2268	.1239
12	.067	.1628	.1628	.1575	.1575	.2494	.1295
13	.072	.1836	.1836	.1828	.1828	.2744	.1351
14	.078	.1956	.1956	.1920	.1920	.3015	.1407
15	.083	.2148	.2148	.2104	.2104	.3309	.1463
16	.089	.1672	.1672	.1628	.1628	.3615	.1519
17	.094	.1881	.1881	.1837	.1837	.3932	.1575
18	.100	.1881	.1881	.1837	.1837	.4260	.1631
19	.105	.2155	.2155	.2111	.2111	.4609	.1687
20	.111	.2547	.2547	.2503	.2503	.4979	.1743
21	.117	.3108	.3108	.3064	.3064	.5369	.1799
22	.122	.3278	.3278	.3234	.3234	.5779	.1855
23	.128	.3269	.3269	.3225	.3225	.6209	.1911
24	.133	.3611	.3611	.3567	.3567	.6659	.1967
25	.139	.3597	.3597	.3553	.3553	.7129	.2023
26	.144	.3851	.3851	.3807	.3807	.7619	.2079
27	.150	.4051	.4051	.4007	.4007	.8129	.2135
28	.156	.4204	.4204	.4160	.4160	.8649	.2191
29	.161	.4357	.4357	.4313	.4313	.9179	.2247
30	.167	.4510	.4510	.4466	.4466	.9719	.2303
31	.172	.4663	.4663	.4619	.4619	.1032	.2359
32	.178	.4816	.4816	.4772	.4772	.1145	.2415
33	.183	.4969	.4969	.4925	.4925	.1258	.2471
34	.189	.5122	.5122	.5078	.5078	.1371	.2527
35	.194	.5275	.5275	.5231	.5231	.1484	.2583
36	.200	.5428	.5428	.5384	.5384	.1597	.2639
37	.206	.5581	.5581	.5537	.5537	.1710	.2695
38	.211	.5734	.5734	.5690	.5690	.1823	.2751
39	.217	.5887	.5887	.5843	.5843	.1936	.2807
40	.222	.6040	.6040	.6000	.6000	.2049	.2863
41	.228	.6193	.6193	.6153	.6153	.2162	.2919
42	.233	.6346	.6346	.6306	.6306	.2275	.2975
43	.239	.6499	.6499	.6459	.6459	.2388	.3031
44	.244	.6652	.6652	.6612	.6612	.2501	.3087
45	.250	.6805	.6805	.6765	.6765	.2614	.3143
46	.256	.6958	.6958	.6918	.6918	.2727	.3199
47	.261	.7111	.7111	.7071	.7071	.2840	.3255
48	.267	.7264	.7264	.7224	.7224	.2953	.3311
49	.272	.7417	.7417	.7377	.7377	.3066	.3367
50	.278	.7570	.7570	.7530	.7530	.3179	.3423
51	.283	.7723	.7723	.7683	.7683	.3292	.3479
52	.289	.7876	.7876	.7836	.7836	.3405	.3535
53	.294	.8029	.8029	.7989	.7989	.3518	.3591
54	.300	.8182	.8182	.8142	.8142	.3631	.3647
55	.306	.8335	.8335	.8295	.8295	.3744	.3703
56	.311	.8488	.8488	.8448	.8448	.3857	.3759
57	.317	.8641	.8641	.8601	.8601	.3970	.3815
58	.322	.8794	.8794	.8754	.8754	.4083	.3871
59	.328	.8947	.8947	.8907	.8907	.4196	.3927
60	.333	.9100	.9100	.9060	.9060	.4309	.3983

SPECTRA HINDCASTING OCTOBER 12, 1992 DIGITIZED BY JOHNS HOPKINS LAB.

DATE = 25/ 1/93
 SIG.WGT. = 17.7
 RECORD = JM 39
 TOTAL OF = 100
 CORR. WAD. = 19.5
 NOISE LEVEL = .0006
 WIND SPEED = 15

H	FREQ.	UNIT+PT.2	FILTERED	LESS ACISE	CORR.FT.2	UPPER	LOWER
0	.000	.0276	.0276	.0192	.0192	.0354	.0122
1	.006	.0354	.0354	.0271	.0271	.0483	.0226
2	.011	.0432	.0432	.0354	.0354	.0612	.0329
3	.017	.0510	.0510	.0437	.0437	.0741	.0432
4	.022	.0588	.0588	.0521	.0521	.0870	.0536
5	.028	.0666	.0666	.0604	.0604	.1000	.0641
6	.033	.0744	.0744	.0682	.0682	.1129	.0746
7	.038	.0822	.0822	.0765	.0765	.1258	.0851
8	.044	.0900	.0900	.0848	.0848	.1387	.0956
9	.050	.0978	.0978	.0936	.0936	.1516	.1061
10	.056	.1056	.1056	.1014	.1014	.1645	.1166
11	.061	.1134	.1134	.1092	.1092	.1774	.1271
12	.067	.1212	.1212	.1170	.1170	.1903	.1376
13	.072	.1290	.1290	.1248	.1248	.2032	.1481
14	.078	.1368	.1368	.1326	.1326	.2161	.1586
15	.083	.1446	.1446	.1404	.1404	.2290	.1691
16	.089	.1524	.1524	.1482	.1482	.2419	.1796
17	.094	.1602	.1602	.1560	.1560	.2548	.1901
18	.100	.1680	.1680	.1638	.1638	.2677	.2006
19	.105	.1758	.1758	.1716	.1716	.2806	.2111
20	.111	.1836	.1836	.1794	.1794	.2935	.2216
21	.117	.1914	.1914	.1872	.1872	.3064	.2321
22	.122	.2000	.2000	.1958	.1958	.3193	.2426
23	.128	.2086	.2086	.2044	.2044	.3322	.2531
24	.133	.2172	.2172	.2130	.2130	.3451	.2636
25	.139	.2258	.2258	.2216	.2216	.3580	.2741
26	.144	.2344	.2344	.2302	.2302	.3709	.2846
27	.150	.2430	.2430	.2388	.2388	.3838	.2951
28	.156	.2516	.2516	.2474	.2474	.3967	.3056
29	.161	.2602	.2602	.2560	.2560	.4096	.3161
30	.167	.2688	.2688	.2646	.2646	.4225	.3266
31	.172	.2774	.2774	.2732	.2732	.4354	.3371
32	.178	.2860	.2860	.2818	.2818	.4483	.3476
33	.183	.2946	.2946	.2904	.2904	.4612	.3581
34	.189	.3032	.3032	.2990	.2990	.4741	.3686
35	.194	.3118	.3118	.3076	.3076	.4870	.3791
36	.200	.3204	.3204	.3162	.3162	.5000	.3896
37	.206	.3290	.3290	.3248	.3248	.5129	.3999
38	.211	.3376	.3376	.3334	.3334	.5258	.4104
39	.217	.3462	.3462	.3420	.3420	.5387	.4209
40	.222	.3548	.3548	.3506	.3506	.5516	.4314
41	.228	.3634	.3634	.3592	.3592	.5645	.4419
42	.233	.3720	.3720	.3678	.3678	.5774	.4524
43	.239	.3806	.3806	.3764	.3764	.5903	.4629
44	.244	.3892	.3892	.3850	.3850	.6032	.4734
45	.250	.3978	.3978	.3936	.3936	.6161	.4839
46	.256	.4064	.4064	.4022	.4022	.6290	.4944
47	.261	.4150	.4150	.4108	.4108	.6419	.5049
48	.267	.4236	.4236	.4194	.4194	.6548	.5154
49	.272	.4322	.4322	.4280	.4280	.6677	.5259
50	.278	.4408	.4408	.4366	.4366	.6806	.5364
51	.283	.4494	.4494	.4452	.4452	.6935	.5469
52	.289	.4580	.4580	.4538	.4538	.7064	.5574
53	.294	.4666	.4666	.4624	.4624	.7193	.5679
54	.300	.4752	.4752	.4710	.4710	.7322	.5784
55	.306	.4838	.4838	.4796	.4796	.7451	.5889
56	.311	.4924	.4924	.4882	.4882	.7580	.5994
57	.317	.5010	.5010	.4968	.4968	.7709	.6099
58	.322	.5096	.5096	.5054	.5054	.7838	.6204
59	.328	.5182	.5182	.5140	.5140	.7967	.6309
60	.333	.5268	.5268	.5226	.5226	.8096	.6414

SPECTRA RECASTING OCTOBER 11, 1962 UTILIZED BY JOHNS HOPKINS LAB.

DATE = 10/12/62		AV. I = 22.9		RECORD = JM 42			
HOUR = 18		SIG. NOISE = 22.7		WIND SPEED = 40			
TOTAL OF 153		NOISE LEVEL = 0.012					
H	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.4213	.4213	.4020	.4020	.7410	.2560
1	.008	.3873	.3873	.3680	.3680	.6815	.2215
2	.016	.3540	.3540	.3350	.3350	.6220	.1870
3	.024	.3210	.3210	.3020	.3020	.5625	.1525
4	.032	.2880	.2880	.2690	.2690	.5030	.1180
5	.040	.2550	.2550	.2360	.2360	.4435	.0835
6	.048	.2220	.2220	.2030	.2030	.3840	.0490
7	.056	.1890	.1890	.1700	.1700	.3245	.0145
8	.064	.1560	.1560	.1370	.1370	.2650	.0000
9	.072	.1230	.1230	.1040	.1040	.2055	.0000
10	.080	.0900	.0900	.0710	.0710	.1460	.0000
11	.088	.0570	.0570	.0380	.0380	.0865	.0000
12	.096	.0240	.0240	.0050	.0050	.0270	.0000
13	.104	.0000	.0000	.0000	.0000	.0000	.0000
14	.112	.0000	.0000	.0000	.0000	.0000	.0000
15	.120	.0000	.0000	.0000	.0000	.0000	.0000
16	.128	.0000	.0000	.0000	.0000	.0000	.0000
17	.136	.0000	.0000	.0000	.0000	.0000	.0000
18	.144	.0000	.0000	.0000	.0000	.0000	.0000
19	.152	.0000	.0000	.0000	.0000	.0000	.0000
20	.160	.0000	.0000	.0000	.0000	.0000	.0000
21	.168	.0000	.0000	.0000	.0000	.0000	.0000
22	.176	.0000	.0000	.0000	.0000	.0000	.0000
23	.184	.0000	.0000	.0000	.0000	.0000	.0000
24	.192	.0000	.0000	.0000	.0000	.0000	.0000
25	.200	.0000	.0000	.0000	.0000	.0000	.0000
26	.208	.0000	.0000	.0000	.0000	.0000	.0000
27	.216	.0000	.0000	.0000	.0000	.0000	.0000
28	.224	.0000	.0000	.0000	.0000	.0000	.0000
29	.232	.0000	.0000	.0000	.0000	.0000	.0000
30	.240	.0000	.0000	.0000	.0000	.0000	.0000
31	.248	.0000	.0000	.0000	.0000	.0000	.0000
32	.256	.0000	.0000	.0000	.0000	.0000	.0000
33	.264	.0000	.0000	.0000	.0000	.0000	.0000
34	.272	.0000	.0000	.0000	.0000	.0000	.0000
35	.280	.0000	.0000	.0000	.0000	.0000	.0000
36	.288	.0000	.0000	.0000	.0000	.0000	.0000
37	.296	.0000	.0000	.0000	.0000	.0000	.0000
38	.304	.0000	.0000	.0000	.0000	.0000	.0000
39	.312	.0000	.0000	.0000	.0000	.0000	.0000
40	.320	.0000	.0000	.0000	.0000	.0000	.0000
41	.328	.0000	.0000	.0000	.0000	.0000	.0000
42	.336	.0000	.0000	.0000	.0000	.0000	.0000
43	.344	.0000	.0000	.0000	.0000	.0000	.0000
44	.352	.0000	.0000	.0000	.0000	.0000	.0000
45	.360	.0000	.0000	.0000	.0000	.0000	.0000
46	.368	.0000	.0000	.0000	.0000	.0000	.0000
47	.376	.0000	.0000	.0000	.0000	.0000	.0000
48	.384	.0000	.0000	.0000	.0000	.0000	.0000
49	.392	.0000	.0000	.0000	.0000	.0000	.0000
50	.400	.0000	.0000	.0000	.0000	.0000	.0000

SPECTRA RECASTING OCTOBER 11, 1962 UTILIZED BY JOHNS HOPKINS LAB.

DATE = 10/12/62		AV. I = 2.4		RECORD = JM 43			
HOUR = 0		SIG. NOISE = 27.1		WIND SPEED = 40			
TOTAL OF 153		NOISE LEVEL = 0.043					
H	FREQ.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.4433	.4433	.4170	.4170	.7157	.0743
1	.008	.4074	.4074	.3811	.3811	.6562	.0358
2	.016	.3715	.3715	.3452	.3452	.5967	.0000
3	.024	.3356	.3356	.3093	.3093	.5372	.0000
4	.032	.2997	.2997	.2734	.2734	.4777	.0000
5	.040	.2638	.2638	.2375	.2375	.4182	.0000
6	.048	.2279	.2279	.2016	.2016	.3587	.0000
7	.056	.1920	.1920	.1657	.1657	.2992	.0000
8	.064	.1561	.1561	.1298	.1298	.2397	.0000
9	.072	.1202	.1202	.0939	.0939	.1802	.0000
10	.080	.0843	.0843	.0574	.0574	.1207	.0000
11	.088	.0484	.0484	.0215	.0215	.0612	.0000
12	.096	.0125	.0125	.0000	.0000	.0000	.0000
13	.104	.0000	.0000	.0000	.0000	.0000	.0000
14	.112	.0000	.0000	.0000	.0000	.0000	.0000
15	.120	.0000	.0000	.0000	.0000	.0000	.0000
16	.128	.0000	.0000	.0000	.0000	.0000	.0000
17	.136	.0000	.0000	.0000	.0000	.0000	.0000
18	.144	.0000	.0000	.0000	.0000	.0000	.0000
19	.152	.0000	.0000	.0000	.0000	.0000	.0000
20	.160	.0000	.0000	.0000	.0000	.0000	.0000
21	.168	.0000	.0000	.0000	.0000	.0000	.0000
22	.176	.0000	.0000	.0000	.0000	.0000	.0000
23	.184	.0000	.0000	.0000	.0000	.0000	.0000
24	.192	.0000	.0000	.0000	.0000	.0000	.0000
25	.200	.0000	.0000	.0000	.0000	.0000	.0000
26	.208	.0000	.0000	.0000	.0000	.0000	.0000
27	.216	.0000	.0000	.0000	.0000	.0000	.0000
28	.224	.0000	.0000	.0000	.0000	.0000	.0000
29	.232	.0000	.0000	.0000	.0000	.0000	.0000
30	.240	.0000	.0000	.0000	.0000	.0000	.0000
31	.248	.0000	.0000	.0000	.0000	.0000	.0000
32	.256	.0000	.0000	.0000	.0000	.0000	.0000
33	.264	.0000	.0000	.0000	.0000	.0000	.0000
34	.272	.0000	.0000	.0000	.0000	.0000	.0000
35	.280	.0000	.0000	.0000	.0000	.0000	.0000
36	.288	.0000	.0000	.0000	.0000	.0000	.0000
37	.296	.0000	.0000	.0000	.0000	.0000	.0000
38	.304	.0000	.0000	.0000	.0000	.0000	.0000
39	.312	.0000	.0000	.0000	.0000	.0000	.0000
40	.320	.0000	.0000	.0000	.0000	.0000	.0000
41	.328	.0000	.0000	.0000	.0000	.0000	.0000
42	.336	.0000	.0000	.0000	.0000	.0000	.0000
43	.344	.0000	.0000	.0000	.0000	.0000	.0000
44	.352	.0000	.0000	.0000	.0000	.0000	.0000
45	.360	.0000	.0000	.0000	.0000	.0000	.0000
46	.368	.0000	.0000	.0000	.0000	.0000	.0000
47	.376	.0000	.0000	.0000	.0000	.0000	.0000
48	.384	.0000	.0000	.0000	.0000	.0000	.0000
49	.392	.0000	.0000	.0000	.0000	.0000	.0000
50	.400	.0000	.0000	.0000	.0000	.0000	.0000

SPECTRA MONITORING OCTOBER 11, 1967 DIGITIZED BY JAMES MCPHIS LAB.

DATE = 10/12/67		SITE ID = 37.2		RECORD = 38			
TOTAL OF 141		NOISE LEVEL = 0.0136		WIND SPEED = 90			
N	PHAS	UNIT-PT-2	FILTRNO	LESS ACISE	CORR-PT-2	UPPER	LOWER
0	.000	.7442	.7442	.6886	.1552	.4257	
1	.008	1.2392	1.2392	1.1838	.2557	.7409	
2	.011	1.5378	1.5378	1.4422	.2450	.9210	
3	.017	.8190	.8190	.7185	.1801	.5317	
4	.022	.3945	.3945	.2749	.1161	.1776	
5	.028	.1418	.1418	.1025	.0493	.0925	
6	.033	.1418	.1418	.1025	.0493	.0925	
7	.038	.1322	.1322	.0577	.0786	.1513	.0988
8	.044	.1322	.1322	.0577	.0786	.1513	.0988
9	.049	.1322	.1322	.0577	.0786	.1513	.0988
10	.054	.1322	.1322	.0577	.0786	.1513	.0988
11	.059	.1322	.1322	.0577	.0786	.1513	.0988
12	.064	.1322	.1322	.0577	.0786	.1513	.0988
13	.069	.1322	.1322	.0577	.0786	.1513	.0988
14	.074	.1322	.1322	.0577	.0786	.1513	.0988
15	.079	.1322	.1322	.0577	.0786	.1513	.0988
16	.084	.1322	.1322	.0577	.0786	.1513	.0988
17	.089	.1322	.1322	.0577	.0786	.1513	.0988
18	.094	.1322	.1322	.0577	.0786	.1513	.0988
19	.099	.1322	.1322	.0577	.0786	.1513	.0988
20	.104	.1322	.1322	.0577	.0786	.1513	.0988
21	.109	.1322	.1322	.0577	.0786	.1513	.0988
22	.114	.1322	.1322	.0577	.0786	.1513	.0988
23	.119	.1322	.1322	.0577	.0786	.1513	.0988
24	.124	.1322	.1322	.0577	.0786	.1513	.0988
25	.129	.1322	.1322	.0577	.0786	.1513	.0988
26	.134	.1322	.1322	.0577	.0786	.1513	.0988
27	.139	.1322	.1322	.0577	.0786	.1513	.0988
28	.144	.1322	.1322	.0577	.0786	.1513	.0988
29	.149	.1322	.1322	.0577	.0786	.1513	.0988
30	.154	.1322	.1322	.0577	.0786	.1513	.0988
31	.159	.1322	.1322	.0577	.0786	.1513	.0988
32	.164	.1322	.1322	.0577	.0786	.1513	.0988
33	.169	.1322	.1322	.0577	.0786	.1513	.0988
34	.174	.1322	.1322	.0577	.0786	.1513	.0988
35	.179	.1322	.1322	.0577	.0786	.1513	.0988
36	.184	.1322	.1322	.0577	.0786	.1513	.0988
37	.189	.1322	.1322	.0577	.0786	.1513	.0988
38	.194	.1322	.1322	.0577	.0786	.1513	.0988
39	.199	.1322	.1322	.0577	.0786	.1513	.0988
40	.204	.1322	.1322	.0577	.0786	.1513	.0988
41	.209	.1322	.1322	.0577	.0786	.1513	.0988
42	.214	.1322	.1322	.0577	.0786	.1513	.0988
43	.219	.1322	.1322	.0577	.0786	.1513	.0988
44	.224	.1322	.1322	.0577	.0786	.1513	.0988
45	.229	.1322	.1322	.0577	.0786	.1513	.0988
46	.234	.1322	.1322	.0577	.0786	.1513	.0988
47	.239	.1322	.1322	.0577	.0786	.1513	.0988
48	.244	.1322	.1322	.0577	.0786	.1513	.0988
49	.249	.1322	.1322	.0577	.0786	.1513	.0988
50	.254	.1322	.1322	.0577	.0786	.1513	.0988
51	.259	.1322	.1322	.0577	.0786	.1513	.0988
52	.264	.1322	.1322	.0577	.0786	.1513	.0988
53	.269	.1322	.1322	.0577	.0786	.1513	.0988
54	.274	.1322	.1322	.0577	.0786	.1513	.0988
55	.279	.1322	.1322	.0577	.0786	.1513	.0988
56	.284	.1322	.1322	.0577	.0786	.1513	.0988
57	.289	.1322	.1322	.0577	.0786	.1513	.0988
58	.294	.1322	.1322	.0577	.0786	.1513	.0988
59	.299	.1322	.1322	.0577	.0786	.1513	.0988
60	.304	.1322	.1322	.0577	.0786	.1513	.0988

SPECTRA MONITORING OCTOBER 12, 1967 DIGITIZED BY JAMES MCPHIS LAB.

DATE = 10/12/67		SITE ID = 37.2		RECORD = 39			
MUR = 9		CARRY ACISE = 8926		WIND SPEED = 90			
TOTAL OF 141		NOISE LEVEL = 0.0136					
N	PHAS	UNIT-PT-2	FILTRNO	LESS ACISE	CORR-PT-2	UPPER	LOWER
0	.000	.7400	.7400	.6179	.1220	.3935	
1	.008	1.0180	1.0180	.8880	.2300	.6180	
2	.011	1.0405	1.0405	.9075	.1330	.6351	
3	.017	.5958	.5958	.4828	.1130	.2865	
4	.022	.1418	.1418	.1025	.0493	.0925	
5	.028	.1392	.1392	.1272	.0345	.0810	
6	.033	.1210	.1210	.0889	.0386	.0681	
7	.038	.1276	.1276	.1025	.0493	.0925	
8	.044	.1124	.1124	.0808	.0324	.0576	
9	.050	.1030	.1030	.1119	.1132	.2270	
10	.055	.1030	.1030	.1119	.1132	.2270	
11	.061	.3.1859	.6.1055	.2.0224	.1.1788	.2.2677	.1.3355
12	.067	3.4848	3.4848	2.9488	1.5360	3.5222	1.5360
13	.072	8.8411	8.8411	6.7246	6.2635	11.8835	6.2635
14	.078	9.4922	9.4922	6.9401	9.7105	16.0088	6.2713
15	.083	7.4190	7.4190	7.8895	8.9521	15.6888	7.8895
16	.089	4.9482	4.9482	4.8362	3.7601	9.3938	3.7601
17	.094	3.2645	3.2645	3.2124	2.5833	5.8133	2.5833
18	.100	3.0146	3.0146	2.9023	1.3725	6.1161	1.3725
19	.106	1.7327	1.7327	1.8708	1.7722	2.8350	1.7722
20	.111	1.5740	1.5740	1.9212	1.6821	2.5928	1.6821
21	.117	.9607	.9607	1.2167	1.1323	2.1407	1.1323
22	.122	.6776	.6776	.8238	1.0178	1.8817	1.0178
23	.128	.7054	.7054	.8244	.9235	.7012	.8244
24	.133	.1578	.1578	.6537	1.1346	1.2808	.6537
25	.139	.0008	.0008	.9487	.7301	.18910	.9487
26	.144	.0052	.0052	.9322	.7361	.13934	.9322
27	.150	.5714	.5714	.9208	.9873	1.2828	.9208
28	.156	.6191	.6191	.9421	.8825	.6191	.9421
29	.161	.2856	.2856	.8285	.8623	.5521	.8285
30	.167	.2183	.2183	.1143	.3346	.6172	.1143
31	.172	.1893	.1893	.1173	.3506	.5906	.1173
32	.178	.1860	.1860	.1240	.1421	.5951	.1240
33	.183	.1934	.1934	.1313	.2176	.5823	.1313
34	.189	.1758	.1758	.1238	.2831	.5730	.1238
35	.194	.1739	.1739	.1219	.2302	.7191	.1219
36	.200	.1485	.1485	.1045	.2403	.5803	.1045
37	.206	.1591	.1591	.1011	.3880	.6286	.1011
38	.211	.1363	.1363	.1027	.3596	.6286	.1027
39	.217	.1317	.1317	.0792	.4851	.6720	.0792
40	.222	.3261	.1061	.0480	.4820	.4461	.0480
41	.228	.6562	.6562	.0480	.1870	.2078	.0480
42	.233	.0897	.0548	.0174	.1093	.2014	.0174
43	.239	.0078	.0078	.0078	.1260	.1260	.0078
44	.244	.0742	.0891	.0131	.1343	.2384	.0131
45	.250	.0671	.0761	.0240	.0635	.3362	.0240
46	.256	.0397	.0397	.0134	.1320	.1320	.0134
47	.261	.0611	.0620	.0102	.1024	.1627	.0102
48	.267	.0715	.0715	.0147	.1478	.1478	.0147
49	.272	.0395	.0603	.0020	.1102	.2030	.0020
50	.278	.0877	.0226	.0063	.0667	.0447	.0063
51	.283	.0003	.0003	.0003	.1731	.3411	.0003
52	.289	.0888	.0888	.0888	.1838	.1838	.0888
53	.294	.0613	.0613	.0613	.0613	.0613	.0613
54	.300	.0629	.0600	.0600	.0600	.0600	.0600
55	.306	.0607	.0607	.0607	.0607	.0607	.0607
56	.311	.0649	.0649	.0600	.0600	.0600	.0600
57	.317	.0378	.0360	.0600	.0600	.0600	.0600
58	.322	.0390	.0390	.0600	.0600	.0600	.0600
59	.328	.0641	.0641	.0610	.2458	.11374	.0610
60	.333	.0611	.0611	.0611	.0611	.0611	.0611

SPECIAL HEADCASTING OCTOBER 10, 1962 DICTATED BY DAVIDSON LABORATOR

DATA = 0.01/20		AV. IS		HECUM =		UL =	
KLS =		SINUM =		D =			
TOTAL OF 1-15		CURR. VMS =		2-15			
		AUXILI. LEVEL =		-0007		WIND SPED =	
						30	
N	VEL.	LEVEL	FLIGHT	LESS NEST	CUMULATIVE	UPPER	LOWER
0	.000	-0.013	-0.013	-0.017	-0.017	-0.074	-0.007
1	.005	-0.004	-0.004	-0.005	-0.005	-0.004	-0.000
2	.011	-0.002	-0.006	-0.001	-0.001	-0.076	-0.000
3	.017	-0.002	-0.002	-0.005	-0.005	-0.017	-0.000
4	.004	-0.074	-0.074	-0.011	-0.011	-0.076	-0.007
5	.000	-0.061	-0.061	-0.008	-0.008	-0.000	-0.000
6	.031	-0.011	-0.011	-0.008	-0.008	-0.000	-0.000
7	.025	-0.074	-0.074	-0.017	-0.017	-0.092	-0.005
8	.004	-0.075	-0.075	-0.010	-0.010	-0.074	-0.000
9	.020	-0.062	-0.062	-0.012	-0.012	-0.125	-0.000
10	.005	-0.071	-0.071	-0.008	-0.008	-0.000	-0.000
11	.001	-0.005	-0.005	-0.007	-0.007	-0.000	-0.013
12	.001	-0.072	-0.072	-0.010	-0.010	-0.103	-0.004
13	.012	-0.071	-0.071	-0.007	-0.007	-0.000	-0.000
14	.010	-0.070	-0.070	-0.001	-0.001	-0.000	-0.000
15	.003	-0.009	-0.009	-0.008	-0.008	-0.000	-0.000
16	.009	-0.002	-0.002	-0.005	-0.005	-0.100	-0.000
17	.008	-0.006	-0.006	-0.005	-0.005	-0.000	-0.000
18	.010	-0.004	-0.004	-0.006	-0.006	-0.000	-0.000
19	.005	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
20	.005	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
21	.011	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
22	.012	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
23	.015	-0.011	-0.011	-0.006	-0.006	-0.000	-0.000
24	.013	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
25	.012	-0.010	-0.010	-0.006	-0.006	-0.000	-0.000
26	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
27	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
28	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
29	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
30	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
31	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
32	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
33	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
34	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
35	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
36	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
37	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
38	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
39	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
40	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
41	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
42	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
43	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
44	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
45	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0.000
46	.010	-0.009	-0.009	-0.006	-0.006	-0.000	-0

SPECIAL AGENTS IN CHARGE 10, 1962 DIGITIZED BY DAVIESON LABORATORY

Data = 12		4x 16		ACCU = 3		UL = 3	
MMA = 12		500 MMA = 1000					
Initial 12 = 0.00		500 MMA = 1000					
		MMA Level = 1.00		MMA Level = 1.00			
P	Feas	Unit/Feas	P-1/Feas	LESS 12/Feas	Upper/Feas	Upper	Lower
1	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
22	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
23	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
24	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
25	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
26	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
27	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
29	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
31	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
32	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
33	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
34	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
35	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
36	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
37	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
38	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
40	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
42	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
43	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
44	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
45	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
46	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
50	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
51	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
52	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
53	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
55	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
56	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
57	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
58	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
59	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
 

SPECTRA MINICASTING OCTOBER 10, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/10/62
 HOUR = 15
 SIG. MAG. = 20.0
 CLOUDY = 0.000
 WIND SPEED = 35

H	PHAS	UNIT-PT.2	RELATIVE	LESS NOISE	CORR. PT.2	UPPER	LOWER
0	+000	+1553	+1553	+1508	+1508	+2779	+0960
1	+008	+1554	+1554	+1509	+1509	+2779	+0960
2	+016	+1555	+1555	+1510	+1510	+2779	+0960
3	+024	+1556	+1556	+1511	+1511	+2779	+0960
4	+032	+1557	+1557	+1512	+1512	+2779	+0960
5	+040	+1558	+1558	+1513	+1513	+2779	+0960
6	+048	+1559	+1559	+1514	+1514	+2779	+0960
7	+056	+1560	+1560	+1515	+1515	+2779	+0960
8	+064	+1561	+1561	+1516	+1516	+2779	+0960
9	+072	+1562	+1562	+1517	+1517	+2779	+0960
10	+080	+1563	+1563	+1518	+1518	+2779	+0960
11	+088	+1564	+1564	+1519	+1519	+2779	+0960
12	+096	+1565	+1565	+1520	+1520	+2779	+0960
13	+104	+1566	+1566	+1521	+1521	+2779	+0960
14	+112	+1567	+1567	+1522	+1522	+2779	+0960
15	+120	+1568	+1568	+1523	+1523	+2779	+0960
16	+128	+1569	+1569	+1524	+1524	+2779	+0960
17	+136	+1570	+1570	+1525	+1525	+2779	+0960
18	+144	+1571	+1571	+1526	+1526	+2779	+0960
19	+152	+1572	+1572	+1527	+1527	+2779	+0960
20	+160	+1573	+1573	+1528	+1528	+2779	+0960
21	+168	+1574	+1574	+1529	+1529	+2779	+0960
22	+176	+1575	+1575	+1530	+1530	+2779	+0960
23	+184	+1576	+1576	+1531	+1531	+2779	+0960
24	+192	+1577	+1577	+1532	+1532	+2779	+0960
25	+200	+1578	+1578	+1533	+1533	+2779	+0960
26	+208	+1579	+1579	+1534	+1534	+2779	+0960
27	+216	+1580	+1580	+1535	+1535	+2779	+0960
28	+224	+1581	+1581	+1536	+1536	+2779	+0960
29	+232	+1582	+1582	+1537	+1537	+2779	+0960
30	+240	+1583	+1583	+1538	+1538	+2779	+0960
31	+248	+1584	+1584	+1539	+1539	+2779	+0960
32	+256	+1585	+1585	+1540	+1540	+2779	+0960
33	+264	+1586	+1586	+1541	+1541	+2779	+0960
34	+272	+1587	+1587	+1542	+1542	+2779	+0960
35	+280	+1588	+1588	+1543	+1543	+2779	+0960
36	+288	+1589	+1589	+1544	+1544	+2779	+0960
37	+296	+1590	+1590	+1545	+1545	+2779	+0960
38	+304	+1591	+1591	+1546	+1546	+2779	+0960
39	+312	+1592	+1592	+1547	+1547	+2779	+0960
40	+320	+1593	+1593	+1548	+1548	+2779	+0960
41	+328	+1594	+1594	+1549	+1549	+2779	+0960
42	+336	+1595	+1595	+1550	+1550	+2779	+0960
43	+344	+1596	+1596	+1551	+1551	+2779	+0960
44	+352	+1597	+1597	+1552	+1552	+2779	+0960
45	+360	+1598	+1598	+1553	+1553	+2779	+0960
46	+368	+1599	+1599	+1554	+1554	+2779	+0960
47	+376	+1600	+1600	+1555	+1555	+2779	+0960
48	+384	+1601	+1601	+1556	+1556	+2779	+0960
49	+392	+1602	+1602	+1557	+1557	+2779	+0960
50	+400	+1603	+1603	+1558	+1558	+2779	+0960
51	+408	+1604	+1604	+1559	+1559	+2779	+0960
52	+416	+1605	+1605	+1560	+1560	+2779	+0960
53	+424	+1606	+1606	+1561	+1561	+2779	+0960
54	+432	+1607	+1607	+1562	+1562	+2779	+0960
55	+440	+1608	+1608	+1563	+1563	+2779	+0960
56	+448	+1609	+1609	+1564	+1564	+2779	+0960
57	+456	+1610	+1610	+1565	+1565	+2779	+0960
58	+464	+1611	+1611	+1566	+1566	+2779	+0960
59	+472	+1612	+1612	+1567	+1567	+2779	+0960
60	+480	+1613	+1613	+1568	+1568	+2779	+0960

SPECTRA MINICASTING OCTOBER 10, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/10/62
 HOUR = 15
 SIG. MAG. = 20.0
 CLOUDY = 0.000
 WIND SPEED = 35

H	PHAS	UNIT-PT.2	RELATIVE	LESS NOISE	CORR. PT.2	UPPER	LOWER
0	+000	+1515	+1515	+1410	+1410	+0908	+0808
1	+008	+1516	+1516	+1411	+1411	+0908	+0808
2	+016	+1517	+1517	+1412	+1412	+0908	+0808
3	+024	+1518	+1518	+1413	+1413	+0908	+0808
4	+032	+1519	+1519	+1414	+1414	+0908	+0808
5	+040	+1520	+1520	+1415	+1415	+0908	+0808
6	+048	+1521	+1521	+1416	+1416	+0908	+0808
7	+056	+1522	+1522	+1417	+1417	+0908	+0808
8	+064	+1523	+1523	+1418	+1418	+0908	+0808
9	+072	+1524	+1524	+1419	+1419	+0908	+0808
10	+080	+1525	+1525	+1420	+1420	+0908	+0808
11	+088	+1526	+1526	+1421	+1421	+0908	+0808
12	+096	+1527	+1527	+1422	+1422	+0908	+0808
13	+104	+1528	+1528	+1423	+1423	+0908	+0808
14	+112	+1529	+1529	+1424	+1424	+0908	+0808
15	+120	+1530	+1530	+1425	+1425	+0908	+0808
16	+128	+1531	+1531	+1426	+1426	+0908	+0808
17	+136	+1532	+1532	+1427	+1427	+0908	+0808
18	+144	+1533	+1533	+1428	+1428	+0908	+0808
19	+152	+1534	+1534	+1429	+1429	+0908	+0808
20	+160	+1535	+1535	+1430	+1430	+0908	+0808
21	+168	+1536	+1536	+1431	+1431	+0908	+0808
22	+176	+1537	+1537	+1432	+1432	+0908	+0808
23	+184	+1538	+1538	+1433	+1433	+0908	+0808
24	+192	+1539	+1539	+1434	+1434	+0908	+0808
25	+200	+1540	+1540	+1435	+1435	+0908	+0808
26	+208	+1541	+1541	+1436	+1436	+0908	+0808
27	+216	+1542	+1542	+1437	+1437	+0908	+0808
28	+224	+1543	+1543	+1438	+1438	+0908	+0808
29	+232	+1544	+1544	+1439	+1439	+0908	+0808
30	+240	+1545	+1545	+1440	+1440	+0908	+0808
31	+248	+1546	+1546	+1441	+1441	+0908	+0808
32	+256	+1547	+1547	+1442	+1442	+0908	+0808
33	+264	+1548	+1548	+1443	+1443	+0908	+0808
34	+272	+1549	+1549	+1444	+1444	+0908	+0808
35	+280	+1550	+1550	+1445	+1445	+0908	+0808
36	+288	+1551	+1551	+1446	+1446	+0908	+0808
37	+296	+1552	+1552	+1447	+1447	+0908	+0808
38	+304	+1553	+1553	+1448	+1448	+0908	+0808
39	+312	+1554	+1554	+1449	+1449	+0908	+0808
40	+320	+1555	+1555	+1450	+1450	+0908	+0808
41	+328	+1556	+1556	+1451	+1451	+0908	+0808
42	+336	+1557	+1557	+1452	+1452	+0908	+0808
43	+344	+1558	+1558	+1453	+1453	+0908	+0808
44	+352	+1559	+1559	+1454	+1454	+0908	+0808
45	+360	+1560	+1560	+1455	+1455	+0908	+0808
46	+368	+1561	+1561	+1456	+1456	+0908	+0808
47	+376	+1562	+1562	+1457	+1457	+0908	+0808
48	+384	+1563	+1563	+1458	+1458	+0908	+0808
49	+392	+1564	+1564	+1459	+1459	+0908	+0808
50	+400	+1565	+1565	+1460	+1460	+0908	+0808
51	+408	+1566	+1566	+1461	+1461	+0908	+0808
52	+416	+1567	+1567	+1462	+1462	+0908	+0808
53	+424	+1568	+1568	+1463	+1463	+0908	+0808
54	+432	+1569	+1569	+1464	+1464	+0908	+0808
55	+440	+1570	+1570	+1465	+1465	+0908	+0808
56	+448	+1571	+1571	+1466	+1466	+0908	+0808
57	+456	+1572	+1572	+1467	+1467	+0908	+0808
58	+464	+1573	+1573	+1468	+1468	+0908	+0808
59	+472	+1574	+1574	+1469	+1469	+0908	+0808
60	+480	+1575	+1575	+1470	+1470	+0908	+0808

SPECTRA HINDOCHSTING OCTOBER 10, 1982 DIGITIZED BY DAVIDSON LABORATORY

DATE = 2/1/78

SV. IN = 1.0

RECORD = 01 12

TOTAL OF 200

SIG. IN = 1.0

RECORD = 01 12

CURR. VARS = 10.2

RECORD = 01 12

NOISE LEVEL = .0000

RECORD = 01 12

WIND SPEED = 30

RECORD = 01 12

N	PRE.	UNIT-PT.2	FILTERED	LESS ACISE	LOAR-PT.2	UPPER	LOAR
0	.000	.0288	.0288	.0188	.0347	.0126	
1	.000	.0288	.0288	.0324	.0324	.0258	
2	.011	.0272	.0272	.0224	.0224	.0150	
3	.017	.0272	.0272	.0272	.0272	.0242	
4	.027	.0276	.0276	.0276	.0276	.0242	
5	.028	.0287	.0287	.0287	.0287	.0242	
6	.033	.0277	.0277	.0277	.0277	.0242	
7	.039	.0280	.0280	.0280	.0280	.0242	
8	.044	.0222	.0222	.0222	.0222	.0242	
9	.050	.0207	.0207	.0207	.0207	.0242	
10	.056	.0207	.0207	.0207	.0207	.0242	
11	.061	.0207	.0207	.0207	.0207	.0242	
12	.067	.0207	.0207	.0207	.0207	.0242	
13	.072	.0207	.0207	.0207	.0207	.0242	
14	.078	.0207	.0207	.0207	.0207	.0242	
15	.083	.0207	.0207	.0207	.0207	.0242	
16	.088	.0207	.0207	.0207	.0207	.0242	
17	.093	.0207	.0207	.0207	.0207	.0242	
18	.100	.0207	.0207	.0207	.0207	.0242	
19	.105	.0207	.0207	.0207	.0207	.0242	
20	.111	.0207	.0207	.0207	.0207	.0242	
21	.117	.0207	.0207	.0207	.0207	.0242	
22	.122	.0207	.0207	.0207	.0207	.0242	
23	.128	.0207	.0207	.0207	.0207	.0242	
24	.133	.0207	.0207	.0207	.0207	.0242	
25	.139	.0207	.0207	.0207	.0207	.0242	
26	.144	.0207	.0207	.0207	.0207	.0242	
27	.150	.0207	.0207	.0207	.0207	.0242	
28	.156	.0207	.0207	.0207	.0207	.0242	
29	.161	.0207	.0207	.0207	.0207	.0242	
30	.167	.0207	.0207	.0207	.0207	.0242	
31	.172	.0207	.0207	.0207	.0207	.0242	
32	.178	.0207	.0207	.0207	.0207	.0242	
33	.183	.0207	.0207	.0207	.0207	.0242	
34	.189	.0207	.0207	.0207	.0207	.0242	
35	.194	.0207	.0207	.0207	.0207	.0242	
36	.200	.0207	.0207	.0207	.0207	.0242	
37	.205	.0207	.0207	.0207	.0207	.0242	
38	.211	.0207	.0207	.0207	.0207	.0242	
39	.217	.0207	.0207	.0207	.0207	.0242	
40	.222	.0207	.0207	.0207	.0207	.0242	
41	.228	.0207	.0207	.0207	.0207	.0242	
42	.233	.0207	.0207	.0207	.0207	.0242	
43	.239	.0207	.0207	.0207	.0207	.0242	
44	.244	.0207	.0207	.0207	.0207	.0242	
45	.250	.0207	.0207	.0207	.0207	.0242	
46	.256	.0207	.0207	.0207	.0207	.0242	
47	.261	.0207	.0207	.0207	.0207	.0242	
48	.267	.0207	.0207	.0207	.0207	.0242	
49	.272	.0207	.0207	.0207	.0207	.0242	
50	.278	.0207	.0207	.0207	.0207	.0242	
51	.283	.0207	.0207	.0207	.0207	.0242	
52	.289	.0207	.0207	.0207	.0207	.0242	
53	.294	.0207	.0207	.0207	.0207	.0242	
54	.300	.0207	.0207	.0207	.0207	.0242	
55	.306	.0207	.0207	.0207	.0207	.0242	
56	.311	.0207	.0207	.0207	.0207	.0242	
57	.317	.0207	.0207	.0207	.0207	.0242	
58	.322	.0207	.0207	.0207	.0207	.0242	
59	.328	.0207	.0207	.0207	.0207	.0242	
60	.333	.0207	.0207	.0207	.0207	.0242	

SPECTRA HINDOCHSTING OCTOBER 10, 1982 DIGITIZED BY DAVIDSON LABORATORY

DATE = 2/1/78

SV. IN = 1.0

RECORD = 01 13

TOTAL OF 180

SIG. IN = 1.0

RECORD = 01 13

CURR. VARS = 10.2

RECORD = 01 13

NOISE LEVEL = .0000

RECORD = 01 13

WIND SPEED = 25

RECORD = 01 13

N	PRE.	UNIT-PT.2	FILTERED	LESS ACISE	LOAR-PT.2	UPPER	LOAR
0	.000	.0222	.0222	.0222	.0222	.0222	
1	.000	.0222	.0222	.0222	.0222	.0222	
2	.011	.0222	.0222	.0222	.0222	.0222	
3	.017	.0222	.0222	.0222	.0222	.0222	
4	.027	.0222	.0222	.0222	.0222	.0222	
5	.033	.0222	.0222	.0222	.0222	.0222	
6	.039	.0222	.0222	.0222	.0222	.0222	
7	.044	.0222	.0222	.0222	.0222	.0222	
8	.050	.0222	.0222	.0222	.0222	.0222	
9	.056	.0222	.0222	.0222	.0222	.0222	
10	.061	.0222	.0222	.0222	.0222	.0222	
11	.067	.0222	.0222	.0222	.0222	.0222	
12	.072	.0222	.0222	.0222	.0222	.0222	
13	.078	.0222	.0222	.0222	.0222	.0222	
14	.083	.0222	.0222	.0222	.0222	.0222	
15	.088	.0222	.0222	.0222	.0222	.0222	
16	.093	.0222	.0222	.0222	.0222	.0222	
17	.099	.0222	.0222	.0222	.0222	.0222	
18	.104	.0222	.0222	.0222	.0222	.0222	
19	.110	.0222	.0222	.0222	.0222	.0222	
20	.115	.0222	.0222	.0222	.0222	.0222	
21	.121	.0222	.0222	.0222	.0222	.0222	
22	.126	.0222	.0222	.0222	.0222	.0222	
23	.132	.0222	.0222	.0222	.0222	.0222	
24	.137	.0222	.0222	.0222	.0222	.0222	
25	.143	.0222	.0222	.0222	.0222	.0222	
26	.148	.0222	.0222	.0222	.0222	.0222	
27	.154	.0222	.0222	.0222	.0222	.0222	
28	.159	.0222	.0222	.0222	.0222	.0222	
29	.165	.0222	.0222	.0222	.0222	.0222	
30	.170	.0222	.0222	.0222	.0222	.0222	
31	.176	.0222	.0222	.0222	.0222	.0222	
32	.181	.0222	.0222	.0222	.0222	.0222	
33	.187	.0222	.0222	.0222	.0222	.0222	
34	.192	.0222	.0222	.0222	.0222	.0222	
35	.198	.0222	.0222	.0222	.0222	.0222	
36	.203	.0222	.0222	.0222	.0222	.0222	
37	.209	.0222	.0222	.0222	.0222	.0222	
38	.214	.0222	.0222	.0222	.0222	.0222	
39	.220	.0222	.0222	.0222	.0222	.0222	
40	.225	.0222	.0222	.0222	.0222	.0222	
41	.231	.0222	.0222	.0222	.0222	.0222	
42	.236	.0222	.0222	.0222	.0222	.0222	
43	.242	.0222	.0222	.0222	.0222	.0222	
44	.247	.0222	.0222	.0222	.0222	.0222	
45	.253	.0222	.0222	.0222	.0222	.0222	
46	.258	.0222	.0222	.0222	.0222	.0222	
47	.264	.0222	.0222	.0222	.0222	.0222	
48	.269	.0222	.0222	.0222	.0222	.0222	
49	.275	.0222	.0222	.0222	.0222	.0222	
50	.280	.0222	.0222	.0222	.0222	.0222	
51	.286	.0222	.0222	.0222	.0222	.0222	
52	.291	.0222	.0222	.0222	.0222	.0222	
53	.297	.0222	.0222	.0222	.0222	.0222	
54	.302	.0222	.0222	.0222	.0222	.0222	
55	.308	.0222	.0222	.0222	.0222	.0222	
56	.313	.0222	.0222	.0222	.0222	.0222	
57	.319	.0222	.0222	.0222	.0222	.0222	
58	.324	.0222	.0222	.0222	.0222	.0222	
59	.330	.0222	.0222	.0222	.0222	.0222	
60	.335	.0222	.0222	.0222	.0222	.0222

SPECIAL HANDCASTING LETTERS TO, 1962 UTILIZED BY DAVIDSON LABORATORY

DATE = 26/11/90
HOUR = 3
TOTAL US = 231

AV. 10	AV. 10
510. HUL. *	17.
510. HUL. *	20.

McGraw = DL

100

[illegible]

SPECIAL HANDWRITING GUIDER 19, 196. UTILIZED BY DAVIESCH LABORATORY

UPR * 2414/22
 HLUH * 2
 UPR UP * 174

SY. 30	SY. 30
SY. 30	SY. 30
SY. 30	SY. 30

RECEIVED at DL 12

[illegible]

SPECTRO MINUCESTING OLIGOMER 10, 1462 C10111210 BY DEBUSCH LABORATORY

[illegible]

SPECIAL AGENT IN CHARGE 10, 146, 610112ED BY DARYL DASH LACROIX

[illegible]

SPECTRA BROADCASTING OCTOBER 10, 1942 DECLASSIFIED BY DAVIDSON LABORATORY

DATE = 10/10/42		STATION = 10		RECORD = 10	
TOTAL OF 10		SIGNAL = 10		WIND SPEED = 35	
M	PHASE	LINE+1.2	FILTERED	LESS NOISE	UPPER
0	0.000	1.000	1.000	1.000	1.000
1	0.001	1.001	1.001	1.001	1.001
2	0.002	1.002	1.002	1.002	1.002
3	0.003	1.003	1.003	1.003	1.003
4	0.004	1.004	1.004	1.004	1.004
5	0.005	1.005	1.005	1.005	1.005
6	0.006	1.006	1.006	1.006	1.006
7	0.007	1.007	1.007	1.007	1.007
8	0.008	1.008	1.008	1.008	1.008
9	0.009	1.009	1.009	1.009	1.009
10	0.010	1.010	1.010	1.010	1.010
11	0.011	1.011	1.011	1.011	1.011
12	0.012	1.012	1.012	1.012	1.012
13	0.013	1.013	1.013	1.013	1.013
14	0.014	1.014	1.014	1.014	1.014
15	0.015	1.015	1.015	1.015	1.015
16	0.016	1.016	1.016	1.016	1.016
17	0.017	1.017	1.017	1.017	1.017
18	0.018	1.018	1.018	1.018	1.018
19	0.019	1.019	1.019	1.019	1.019
20	0.020	1.020	1.020	1.020	1.020
21	0.021	1.021	1.021	1.021	1.021
22	0.022	1.022	1.022	1.022	1.022
23	0.023	1.023	1.023	1.023	1.023
24	0.024	1.024	1.024	1.024	1.024
25	0.025	1.025	1.025	1.025	1.025
26	0.026	1.026	1.026	1.026	1.026
27	0.027	1.027	1.027	1.027	1.027
28	0.028	1.028	1.028	1.028	1.028
29	0.029	1.029	1.029	1.029	1.029
30	0.030	1.030	1.030	1.030	1.030
31	0.031	1.031	1.031	1.031	1.031
32	0.032	1.032	1.032	1.032	1.032
33	0.033	1.033	1.033	1.033	1.033
34	0.034	1.034	1.034	1.034	1.034
35	0.035	1.035	1.035	1.035	1.035
36	0.036	1.036	1.036	1.036	1.036
37	0.037	1.037	1.037	1.037	1.037
38	0.038	1.038	1.038	1.038	1.038
39	0.039	1.039	1.039	1.039	1.039
40	0.040	1.040	1.040	1.040	1.040
41	0.041	1.041	1.041	1.041	1.041
42	0.042	1.042	1.042	1.042	1.042
43	0.043	1.043	1.043	1.043	1.043
44	0.044	1.044	1.044	1.044	1.044
45	0.045	1.045	1.045	1.045	1.045
46	0.046	1.046	1.046	1.046	1.046
47	0.047	1.047	1.047	1.047	1.047
48	0.048	1.048	1.048	1.048	1.048
49	0.049	1.049	1.049	1.049	1.049
50	0.050	1.050	1.050	1.050	1.050
51	0.051	1.051	1.051	1.051	1.051
52	0.052	1.052	1.052	1.052	1.052
53	0.053	1.053	1.053	1.053	1.053
54	0.054	1.054	1.054	1.054	1.054
55	0.055	1.055	1.055	1.055	1.055
56	0.056	1.056	1.056	1.056	1.056
57	0.057	1.057	1.057	1.057	1.057
58	0.058	1.058	1.058	1.058	1.058
59	0.059	1.059	1.059	1.059	1.059
60	0.060	1.060	1.060	1.060	1.060

SPECTRA BROADCASTING OCTOBER 10, 1942 DECLASSIFIED BY DAVIDSON LABORATORY

DATE = 10/10/42		STATION = 10		RECORD = 10	
TOTAL OF 10		SIGNAL = 10		WIND SPEED = 35	
M	PHASE	LINE+1.2	FILTERED	LESS NOISE	UPPER
0	0.000	1.000	1.000	1.000	1.000
1	0.001	1.001	1.001	1.001	1.001
2	0.002	1.002	1.002	1.002	1.002
3	0.003	1.003	1.003	1.003	1.003
4	0.004	1.004	1.004	1.004	1.004
5	0.005	1.005	1.005	1.005	1.005
6	0.006	1.006	1.006	1.006	1.006
7	0.007	1.007	1.007	1.007	1.007
8	0.008	1.008	1.008	1.008	1.008
9	0.009	1.009	1.009	1.009	1.009
10	0.010	1.010	1.010	1.010	1.010
11	0.011	1.011	1.011	1.011	1.011
12	0.012	1.012	1.012	1.012	1.012
13	0.013	1.013	1.013	1.013	1.013
14	0.014	1.014	1.014	1.014	1.014
15	0.015	1.015	1.015	1.015	1.015
16	0.016	1.016	1.016	1.016	1.016
17	0.017	1.017	1.017	1.017	1.017
18	0.018	1.018	1.018	1.018	1.018
19	0.019	1.019	1.019	1.019	1.019
20	0.020	1.020	1.020	1.020	1.020
21	0.021	1.021	1.021	1.021	1.021
22	0.022	1.022	1.022	1.022	1.022
23	0.023	1.023	1.023	1.023	1.023
24	0.024	1.024	1.024	1.024	1.024
25	0.025	1.025	1.025	1.025	1.025
26	0.026	1.026	1.026	1.026	1.026
27	0.027	1.027	1.027	1.027	1.027
28	0.028	1.028	1.028	1.028	1.028
29	0.029	1.029	1.029	1.029	1.029
30	0.030	1.030	1.030	1.030	1.030
31	0.031	1.031	1.031	1.031	1.031
32	0.032	1.032	1.032	1.032	1.032
33	0.033	1.033	1.033	1.033	1.033
34	0.034	1.034	1.034	1.034	1.034
35	0.035	1.035	1.035	1.035	1.035
36	0.036	1.036	1.036	1.036	1.036
37	0.037	1.037	1.037	1.037	1.037
38	0.038	1.038	1.038	1.038	1.038
39	0.039	1.039	1.039	1.039	1.039
40	0.040	1.040	1.040	1.040	1.040
41	0.041	1.041	1.041	1.041	1.041
42	0.042	1.042	1.042	1.042	1.042
43	0.043	1.043	1.043	1.043	1.043
44	0.044	1.044	1.044	1.044	1.044
45	0.045	1.045	1.045	1.045	1.045
46	0.046	1.046	1.046	1.046	1.046
47	0.047	1.047	1.047	1.047	1.047
48	0.048	1.048	1.048	1.048	1.048
49	0.049	1.049	1.049	1.049	1.049
50	0.050	1.050	1.050	1.050	1.050
51	0.051	1.051	1.051	1.051	1.051
52	0.052	1.052	1.052	1.052	1.052
53	0.053	1.053	1.053	1.053	1.053
54	0.054	1.054	1.054	1.054	1.054
55	0.055	1.055	1.055	1.055	1.055
56	0.056	1.056	1.056	1.056	1.056
57	0.057	1.057	1.057	1.057	1.057
58	0.058	1.058	1.058	1.058	1.058
59	0.059	1.059	1.059	1.059	1.059
60	0.060	1.060	1.060	1.060	1.060

SPECTRA HINDCASTING OCTOBER 10, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 08/07/56		Av. I = 10.1		RECORD = DL 30			
HOUR = 0		SIG. HGT. = 10.1		UPPER HGT. = 11.4			
TOTAL OF 200		CORR. FACT = 10.1		WIND SPEED = 30			
MOISE LEVEL = 0.034							
M	PAR.	UNIT-PT.2	FILTERED	LESS NOISE	CORR-PT.2	UPPER	LOWER
0	.000		.0478	.0423	.0423	.0781	.0770
1	.000	.1277	.1207	.1123	.1123	.1582	.1574
2	.011	.1998	.1908	.1844	.1844	.2383	.2376
3	.017	.1574	.1574	.1520	.1520	.2002	.2008
4	.002	.0485	.0485	.0741	.0741	.1858	.1854
5	.000	.0307	.0307	.0303	.0303	.0558	.0553
6	.003	.0178	.0178	.0114	.0114	.0356	.0353
7	.004	.0224	.0224	.0170	.0170	.0430	.0434
8	.004	.0238	.0238	.0184	.0184	.0421	.0416
9	.009	.0198	.0198	.0184	.0184	.0313	.0308
10	.006	.0218	.0218	.0184	.0184	.0344	.0339
11	.001	.0200	.0200	.0206	.0206	.0492	.0487
12	.007	.1323	.1323	.1289	.1289	.2053	.2047
13	.007	.1078	.1078	.1024	.1024	.1619	.1612
14	.004	.0603	.0603	.0605	.0605	.1088	.1081
15	.003	.1084	.1084	.1029	.1029	.2008	.2002
16	.009	.1029	.1029	.1013	.1013	.2013	.2007
17	.008	.1102	.1102	.1017	.1017	.2008	.2002
18	.000	.1017	.1017	.1019	.1019	.2002	.2002
19	.004	.1013	.1013	.1019	.1019	.2002	.2002
20	.004	.1013	.1013	.1019	.1019	.2002	.2002
21	.004	.1013	.1013	.1019	.1019	.2002	.2002
22	.004	.1013	.1013	.1019	.1019	.2002	.2002
23	.004	.1013	.1013	.1019	.1019	.2002	.2002
24	.004	.1013	.1013	.1019	.1019	.2002	.2002
25	.004	.1013	.1013	.1019	.1019	.2002	.2002
26	.004	.1013	.1013	.1019	.1019	.2002	.2002
27	.004	.1013	.1013	.1019	.1019	.2002	.2002
28	.004	.1013	.1013	.1019	.1019	.2002	.2002
29	.004	.1013	.1013	.1019	.1019	.2002	.2002
30	.004	.1013	.1013	.1019	.1019	.2002	.2002
31	.004	.1013	.1013	.1019	.1019	.2002	.2002
32	.004	.1013	.1013	.1019	.1019	.2002	.2002
33	.004	.1013	.1013	.1019	.1019	.2002	.2002
34	.004	.1013	.1013	.1019	.1019	.2002	.2002
35	.004	.1013	.1013	.1019	.1019	.2002	.2002
36	.004	.1013	.1013	.1019	.1019	.2002	.2002
37	.004	.1013	.1013	.1019	.1019	.2002	.2002
38	.004	.1013	.1013	.1019	.1019	.2002	.2002
39	.004	.1013	.1013	.1019	.1019	.2002	.2002
40	.004	.1013	.1013	.1019	.1019	.2002	.2002

DATE = 08/07/56
HOUR = 0
TOTAL OF 200
MOISE LEVEL = 0.034
RECORD = DL 30
UPPER HGT. = 11.4
WIND SPEED = 30

SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 27/10/56		Av. I = 8.7		RECORD = DL 31			
HOUR = 0		SIG. HGT. = 10.4		UPPER HGT. = 11.4			
TOTAL OF 165		CORR. FACT = 10.4		WIND SPEED = 20			
MOISE LEVEL = 0.023							
M	PAR.	UNIT-PT.2	FILTERED	LESS NOISE	CORR-PT.2	UPPER	LOWER
0	.000	.0494	.0494	.0471	.0471	.0868	.0860
1	.006	.0481	.0481	.0438	.0438	.0807	.0799
2	.011	.0309	.0309	.0336	.0336	.0819	.0814
3	.017	.0335	.0335	.0313	.0313	.0576	.0579
4	.002	.0248	.0248	.0205	.0205	.0508	.0502
5	.028	.0272	.0272	.0250	.0250	.0450	.0459
6	.038	.0236	.0236	.0214	.0214	.0332	.0320
7	.009	.0341	.0341	.0318	.0318	.0422	.0419
8	.004	.0328	.0328	.0306	.0306	.0471	.0472
9	.030	.0334	.0334	.0311	.0311	.0346	.0347
10	.008	.0299	.0299	.0276	.0276	.0293	.0287
11	.004	.1573	.1573	.1551	.1551	.2965	.2964
12	.007	.1416	.1416	.1393	.1393	.2806	.2805
13	.072	.1776	.1776	.1753	.1753	.3903	.3898
14	.078	.1789	.1789	.1777	.1777	.3916	.3916
15	.083	.1714	.1714	.1691	.1691	.3786	.3779
16	.080	.1813	.1813	.1790	.1790	.3847	.3840
17	.004	.1578	.1578	.1555	.1555	.2807	.2803
18	.100	.1595	.1595	.1572	.1572	.2846	.2830
19	.108	.1428	.1428	.1405	.1405	.2734	.2728
20	.111	.1326	.1326	.1303	.1303	.2518	.2502
21	.117	.1246	.1246	.1223	.1223	.2355	.2345
22	.122	.0898	.0898	.0875	.0875	.1385	.1384
23	.128	.0552	.0552	.0529	.0529	.0746	.0745
24	.133	.0581	.0581	.0558	.0558	.0733	.0730
25	.139	.0730	.0730	.0707	.0707	.1112	.1108
26	.144	.0711	.0711	.0688	.0688	.1149	.1145
27	.150	.0491	.0491	.0468	.0468	.0830	.0829
28	.156	.0271	.0271	.0248	.0248	.0486	.0479
29	.161	.0178	.0178	.0155	.0155	.0262	.0259
30	.167	.0188	.0188	.0165	.0165	.0251	.0251
31	.172	.0223	.0223	.0200	.0200	.0487	.0481
32	.178	.0212	.0212	.0190	.0190	.0477	.0464
33	.183	.0188	.0188	.0165	.0165	.0387	.0377
34	.189	.0134	.0134	.0111	.0111	.0205	.0209
35	.194	.0128	.0128	.0105	.0105	.0219	.0214
36	.200	.0115	.0115	.0092	.0092	.0270	.0264
37	.206	.0085	.0085	.0062	.0062	.0234	.0231
38	.211	.0084	.0084	.0061	.0061	.0233	.0229
39	.217	.0078	.0078	.0055	.0055	.0211	.0208
40	.222	.0058	.0058	.0035	.0035	.0175	.0171
41	.228	.0040	.0040	.0018	.0018	.0127	.0127
42	.233	.0036	.0036	.0014	.0014	.0102	.0102
43	.239	.0034	.0034	.0010	.0010	.0084	.0080
44	.244	.0035	.0035	.0004	.0004	.0031	.0032
45	.250	.0030	.0030	.0001	.0001	.0027	.0027
46	.256	.0028	.0028	.0003	.0003	.0027	.0027
47	.261	.0034	.0034	.0003	.0003	.0041	.0034
48	.267	.0031	.0031	.0007	.0007	.0044	.0037
49	.272	.0042	.0042	.0019	.0019	.0074	.0064
50	.278	.0038	.0038	.0013	.0013	.0052	.0049
51	.283	.0032	.0032	.0010	.0010	.0048	.0047
52	.289	.0042	.0042	.0015	.0015	.0051	.0048
53	.294	.0030	.0030	.0012	.0012	.0046	.0046
54	.300	.0025	.0025	.0008	.0008	.0020	.0020
55	.306	.0023	.0023	.0008	.0008	.0020	.0020
56	.311	.0021	.0021	.0008	.0008	.0020	.0020
57	.317	.0016	.0016	.0007	.0007	.0017	.0017
58	.322	.0013	.0013	.0008	.0008	.0020	.0020
59	.328	.0011	.0011	.0008	.0008	.0020	.0020
60	.333	.0011	.0011	.0008	.0008	.0020	.0020

DATE = 27/10/56
HOUR = 0
TOTAL OF 165
MOISE LEVEL = 0.023
RECORD = DL 31
UPPER HGT. = 11.4
WIND SPEED = 20

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 27/10/58		AV. T =	RECORD =	OL 32			
HOUR = 9		SIG. HGT. = 14.0	UPPER HGT. = 15.3				
TOTAL OF -174		CORR. VAR. = 12.3	LOWER HGT. = 12.8				
		NOISE LEVEL = .0008	WIND SPEED = 35				
M	FAE	UNIT=FT.2	FILTERED	LESS NOISE	CORR.F.T.2	UPPER	LOWER
0	.000	.1247	.1247	.1200	.1200	.2211	.0704
1	.000	.1003	.1003	.0936	.0936	.1725	.0396
2	.011	.0932	.0932	.0844	.0844	.0958	.0298
3	.017	.0938	.0938	.0870	.0870	.0990	.0312
4	.022	.0929	.0929	.0862	.0862	.0983	.0317
5	.028	.0877	.0877	.0809	.0809	.0974	.0313
6	.033	.0888	.0888	.0819	.0819	.0977	.0319
7	.039	.0875	.0875	.0809	.0809	.0974	.0317
8	.044	.0848	.0848	.0780	.0780	.0965	.0316
9	.050	.0844	.0844	.0778	.0778	.0962	.0319
10	.058	.0844	.0844	.0778	.0778	.0962	.0316
11	.061	.0713	.0713	.0645	.0645	.1234	.0426
12	.067	.3084	.3084	.3018	.3018	.5098	.1371
13	.072	.1748	.1748	.1680	.1680	.1493	.1440
14	.078	1.1916	1.1916	1.1848	1.2263	2.2602	.7808
15	.083	1.1381	1.1381	1.1313	1.1894	2.1823	.7574
16	.089	1.0057	1.0057	.9989	1.0521	1.9577	.6763
17	.094	.9455	.9455	.9387	1.0510	1.9498	.6350
18	.100	.8420	.8420	.8352	.7231	1.3328	.4504
19	.106	.5033	.5033	.4965	.5862	1.0806	.3732
20	.111	.6656	.6656	.6588	.8103	1.4235	.5158
21	.117	.5383	.5383	.5316	.6813	1.2557	.4330
22	.122	.3816	.3816	.3748	.453	.8380	.3033
23	.128	.3083	.3083	.3015	.4253	.7838	.2708
24	.133	.1801	.1801	.1733	.2578	.4752	.1642
25	.139	.0868	.0868	.0800	.1290	.2300	.0801
26	.144	.0888	.0888	.0821	.1388	.2394	.0882
27	.150	.0978	.0978	.0911	.1416	.2478	.0940
28	.156	.0724	.0724	.0656	.1242	.2284	.0791
29	.161	.0933	.0933	.0865	.141	.1735	.0949
30	.167	.0388	.0388	.0320	.0895	.1280	.0642
31	.172	.0334	.0334	.0266	.0621	.1145	.0396
32	.178	.0450	.0450	.0382	.0963	.1774	.0613
33	.183	.0444	.0444	.0376	.1022	.1884	.0651
34	.189	.0355	.0355	.0287	.0815	.1382	.0386
35	.194	.0329	.0329	.0262	.0538	.1145	.0334
36	.200	.0346	.0346	.0278	.0571	.1170	.0318
37	.206	.0284	.0284	.0217	.0425	.1025	.0245
38	.211	.0181	.0181	.0114	.0475	.0975	.0302
39	.217	.0204	.0204	.0136	.0435	.1170	.0404
40	.222	.0218	.0218	.0150	.0573	.1385	.0482
41	.228	.0137	.0137	.0069	.0468	.1010	.0349
42	.233	.0132	.0132	.0065	.0400	.0718	.0255
43	.239	.0111	.0111	.0043	.0293	.0540	.0187
44	.244	.0093	.0093	.0022	.0164	.0301	.0104
45	.250	.0079	.0079	.0013	.0110	.0203	.0070
46	.256	.0032	.0032	.0014	.0135	.0247	.0088
47	.261	.0074	.0074	.0013	.0137	.0257	.0088
48	.267	.0002	.0002	.0001	.0023	.0278	.0113
49	.272	.0111	.0111	.0018	.0050	.0420	.0121
50	.278	.0109	.0109	.0040	.0805	.1116	.0385
51	.283	.0104	.0104	.0014	.0014	.0017	.0019
52	.289	.0097	.0097	.0023	.0458	.0829	.0286
53	.294	.0083	.0083	.0017	.0382	.0764	.0253
54	.300	.0087	.0087	.0019	.0470	.0887	.0270
55	.306	.0091	.0091	.0020	.0578	.1085	.0368
56	.311	.0087	.0087	.0015	.0495	.0913	.0315
57	.317	.0088	.0088	.0000	.0000	.0000	.0000
58	.322	.0036	.0036	.0000	.0000	.0000	.0000
59	.328	.0015	.0015	.0000	.0000	.0000	.0000
60	.333	.0015	.0015	.0000	.0000	.0000	.0000

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 27/10/58		AV. T =	7.9	RECORD =	OL 33		
HOUR = 15		SIG. HGT. =	14.5	UPPER HGT. =	15.8		
TOTAL OF -180		CORR. VAR. =	13.1	LOWER HGT. =	13.3		
		NOISE LEVEL =	.0055	WIND SPEED =	35		
M	FAE	UNIT=FT.2	FILTERED	LESS NOISE	CORR.F.T.2	UPPER	LOWER
0	.000	.0402	.0402	.0347	.0347	.0630	.0221
1	.006	.0393	.0393	.0338	.0338	.0623	.0215
2	.011	.0487	.0487	.0432	.0432	.0706	.0275
3	.017	.0482	.0482	.0427	.0427	.0677	.0289
4	.022	.0401	.0401	.0346	.0346	.0540	.0346
5	.028	.0343	.0343	.0287	.0287	.0502	.0340
6	.033	.0233	.0233	.0158	.0149	.0458	.0158
7	.039	.0231	.0231	.0175	.0175	.0429	.0148
8	.044	.0212	.0212	.0157	.0187	.0344	.0119
9	.050	.0308	.0308	.0300	.0333	.0814	.0212
10	.056	.0616	.0616	.0558	.0594	.1094	.0378
11	.061	.0938	.0938	.0881	.0916	.1688	.0583
12	.067	.1437	.1437	.1381	.1417	.2611	.0862
13	.072	.3038	.3038	.3083	.3183	.7342	.2536
14	.078	.8341	.8341	.8286	.8576	1.8807	.5461
15	.083	1.0494	1.0494	1.0439	1.0775	2.2229	.6986
16	.088	1.1382	1.1382	1.1317	1.2094	2.2218	.7875
17	.094	1.0755	1.0755	1.0698	1.1408	2.1760	.7517
18	.100	.8002	.8002	.7946	.8046	1.8873	.5760
19	.106	.6023	.6023	.5967	.6107	1.4902	.5162
20	.111	.7554	.7554	.7498	.7638	1.6972	.5863
21	.117	.7780	.7780	.7725	.7865	1.8040	.6304
22	.122	.5503	.5503	.5447	.5587	1.3701	.4733
23	.128	.2848	.2848	.2792	.2930	.7280	.2708
24	.133	.1805	.1805	.1750	.1890	.4795	.1657
25	.139	.1455	.1455	.1400	.1540	.4059	.1402
26	.144	.1375	.1375	.1319	.1459	.4058	.1402
27	.150	.1805	.1805	.1750	.1890	.4720	.1976
28	.156	.1913	.1913	.1857	.1997	.4477	.2237
29	.161	.0930	.0930	.0875	.1015	.3488	.1264
30	.167	.0364	.0364	.0308	.0348	.1233	.0428
31	.172	.0491	.0491	.0435	.0475	.1871	.0846
32	.178	.0488	.0488	.0433	.0473	.2000	.0894
33	.183	.0267	.0267	.0242	.0268	.1212	.0419
34	.189	.0267	.0267	.0242	.0268	.1140	.0397
35	.194	.0307	.0307	.0282	.0308	.1485	.0513
36	.200	.0308	.0308	.0282	.0308	.1422	.0500
37	.206	.0387	.0387	.0362	.0388	.2330	.0805
38	.211	.0377	.0377	.0352	.0378	.2474	.0855
39	.217	.0236	.0236	.0210	.0236	.1522	.0566
40	.222	.0180	.0180	.0164	.0180	.1070	.0335
41	.228	.0120	.0120	.0104	.0120	.0781	.0218
42	.233	.0091	.0091	.0075	.0091	.0471	.0163
43	.239	.0093	.0093	.0075	.0093	.0471	.0163
44	.244	.0108	.0108	.0091	.0108	.0595	.0205
45	.250	.0084	.0084	.0068	.0084	.0593	.0174
46	.256	.0077	.0077	.0061	.0077	.0584	.0174
47	.261	.0078	.0078	.0061	.0078	.0517	.0134
48	.267	.0054	.0054	.0038	.0054	.0413	.0093
49	.272	.0044	.0044	.0028	.0044	.0300	.0060
50	.278	.0036	.0036	.0020	.0036	.0200	.0040
51	.283	.0036	.0036	.0020	.0036	.0200	.0040
52	.289	.0036	.0036	.0020	.0036	.0200	.0040
53	.294	.0036	.0036	.0020	.0036	.0200	.0040
54	.300	.0036	.0036	.0020	.0036	.0200	.0040
55	.306	.0036	.0036	.0020	.0036	.0200	.0040
56	.311	.0036	.0036	.0020	.0036	.0200	.0040
57	.317	.0036	.0036	.0020	.0036	.0200	.0040
58	.322	.0036	.0036	.0020	.0036	.0200	.0040
59	.328	.0036	.0036	.0020	.0036	.0200	.0040
60	.333	.0036	.0036	.0020	.0036	.0200	.0040

DATE * 27/10/58	AV. T=	8.3	RECORD *	OL 34
HA * 21	SEG. HGT. *	14.2	UPPER HGT. *	15.6
DP * 157	CORR. VAR. *	12.7	LOWER HGT. *	13.0
	BASE LVL. *	0000		20

NOISE LEVEL - LOGS							
M	PAR.	UNIT-FT-2	FILTERED	LESS NOISE	CORR-FT-2	UPPER	LOWER
0	-.000	-.0394	-.0394	-.0397	-.0357	-.0056	-.0027
2	-.008	-.0681	-.0681	-.0671	-.0611	-.0155	-.0086
2	-.011	-.1002	-.1002	-.1003	-.0937	-.0263	-.0140
3	-.017	-.1243	-.1243	-.1204	-.1204	-.0216	-.0167
4	-.022	-.0874	-.0874	-.0835	-.0835	-.0191	-.0145
5	-.024	-.0369	-.0369	-.0330	-.0300	-.0080	-.0070
6	-.040	-.0400	-.0400	-.0361	-.0361	-.0099	-.0082
7	-.033	-.0282	-.0282	-.0243	-.0237	-.0059	-.0050
8	-.046	-.0116	-.0116	-.0077	-.0077	-.0149	-.0056
9	-.054	-.0114	-.0117	-.0077	-.0132	-.0197	-.0097
10	-.056	-.0267	-.0287	-.0248	-.0248	-.0487	-.0148
11	-.063	-.0636	-.0636	-.0595	-.0595	-.0347	-.0186
12	-.067	-.1098	-.1098	-.1059	-.1086	-.0200	-.0092
13	-.072	-.1074	-.1074	-.1037	-.1007	-.0363	-.0255
14	-.076	-.0767	-.0768	-.0730	-.0731	-.0501	-.0341
15	-.083	-.0321	-.0321	-.0282	-.0287	-.1606	-.0496
16	-.112	-.1277	-.1277	-.1248	-.1248	-.0766	-.0402
17	-.004	-.1192	-.1192	-.1153	-.1153	-.2670	-.0641
18	-.100	-.1436	-.1436	-.1407	-.1407	-.2908	-.0890
19	-.106	-.0203	-.0203	-.0204	-.0204	-.1738	-.0560
20	-.111	-.0401	-.0401	-.0402	-.0404	-.1078	-.0376
21	-.112	-.0274	-.0274	-.0235	-.0235	-.1781	-.0473
22	-.127	-.0606	-.0606	-.0567	-.0562	-.1441	-.0500
23	-.130	-.0603	-.0603	-.0564	-.0562	-.1563	-.0513
24	-.133	-.0655	-.0655	-.0616	-.0616	-.0912	-.0474
25	-.139	-.0292	-.0292	-.0203	-.0203	-.0616	-.0408
26	-.133	-.1331	-.1331	-.1292	-.1292	-.2158	-.0773
27	-.150	-.0646	-.0646	-.0606	-.0606	-.2863	-.0913
28	-.151	-.0651	-.0651	-.0612	-.0612	-.2745	-.0925
29	-.161	-.0456	-.0456	-.0417	-.0434	-.1355	-.0517
30	-.167	-.0270	-.0270	-.0231	-.0230	-.0922	-.0319
31	-.172	-.0274	-.0274	-.0234	-.0234	-.0873	-.0319
32	-.178	-.0277	-.0277	-.0238	-.0240	-.1105	-.0382
33	-.180	-.0200	-.0200	-.0161	-.0161	-.0770	-.0278
34	-.183	-.0128	-.0128	-.0089	-.0089	-.0482	-.0186
35	-.184	-.0118	-.0118	-.0078	-.0078	-.0461	-.0181
36	-.200	-.0141	-.0141	-.0102	-.0102	-.0655	-.0276
37	-.208	-.0178	-.0178	-.0139	-.0139	-.0798	-.0338
38	-.211	-.0204	-.0204	-.0165	-.0165	-.0887	-.0406
39	-.217	-.0186	-.0186	-.0147	-.0147	-.0931	-.0426
40	-.212	-.0176	-.0176	-.0137	-.0137	-.1247	-.0486
41	-.228	-.0157	-.0150	-.0111	-.0119	-.1142	-.0394
42	-.233	-.0105	-.0112	-.0073	-.0088	-.0827	-.0286
43	-.239	-.0078	-.0081	-.0042	-.0049	-.0843	-.0284
44	-.246	-.0063	-.0070	-.0031	-.0035	-.0633	-.0149
45	-.250	-.0079	-.0086	-.0048	-.0051	-.0661	-.0161
46	-.258	-.0099	-.0099	-.0050	-.0073	-.0078	-.0103
47	-.261	-.0081	-.0081	-.0042	-.0044	-.0811	-.0283
48	-.267	-.0062	-.0064	-.0034	-.0034	-.0949	-.0349
49	-.272	-.0052	-.0053	-.0016	-.0011	-.0393	-.0115
50	-.278	-.0040	-.0044	-.0002	-.0002	-.0340	-.0080
51	-.283	-.0043	-.0044	-.0007	-.0018	-.0218	-.0075
52	-.286	-.0044	-.0049	-.0020	-.0029	-.0142	-.0043
53	-.288	-.0048	-.0048	-.0025	-.0154	-.1071	-.0353
54	-.300	-.0098	-.0097	-.0018	-.0458	-.0844	-.0282
55	-.308	-.0087	-.0087	-.0018	-.0218	-.0399	-.0199
56	-.310	-.0033	-.0034	-.0000	-.0000	-.0000	-.0000
57	-.317	-.0021	-.0021	-.0000	-.0000	-.0000	-.0000
58	-.322	-.0018	-.0019	-.0000	-.0000	-.0000	-.0000
59	-.328	-.0020	-.0020	-.0000	-.0000	-.0000	-.0000
60	-.333	-.0027	-.0031	-.0000	-.0000	-.0000	-.0000

TE = 20/10/58	AV. T. = 8.0	RECORD =	OL 35
OR = 9	SIG. HGT. = 18.6	UPPER HGT. =	18.0
OF = 200	CORR. VAR. = 17.3	LOWER HGT. =	15.3
	NOISE LEVEL = 0.128	WIND SPEED =	30

DATE = 28/10/58		AV. E. = 8.0		RECORD = 01 35			
HOUR = 9		SIG. MET. = 16.6		UPPER MET. = 16.6			
TOTAL DT = 200		CORR. VAR. = 17.3		UPPER MET. = 15.3			
		NOISE LEVEL = 0.028		WIND SPEED = 30			
M	FAE.	UNIT-F12	FILLED	LESS NOISE	CORR-F12	UPPER	LOW-B
0	.000	.0831	.0831	.0703	.0833	.1276	.0448
1	.000	.1020	.1020	.0893	.0893	.1645	.0580
2	.011	.1318	.1318	.1189	.1189	.1879	.2157
3	.017	.1108	.1108	.1081	.1081	.1795	.0735
4	.022	.0647	.0647	.0519	.0519	.0957	.0831
5	.028	.0237	.0237	.0109	.0109	.0301	.0270
6	.033	.0188	.0188	.0080	.0080	.0176	.0080
7	.039	.0789	.0789	.0643	.0643	.0986	.0709
8	.044	.0532	.0532	.0404	.0404	.0887	.0561
9	.050	.0831	.0831	.0504	.0504	.1030	.0358
10	.056	.0787	.0787	.0670	.0670	.1214	.0420
11	.061	.1489	.1489	.1381	.1381	.2604	.0898
12	.067	.1315	.1315	.1208	.1208	.2116	.0790
13	.072	.1489	.1489	.1482	.1488	.1934	.0761
14	.078	.1719	.1719	.1702	.1702	.1448	.1503
15	.084	.1045	.1045	.1027	.1027	.1455	.1484
16	.089	.1895	.1895	.1878	.1878	.2302	.0767
17	.094	.1324	.1324	.1315	.1315	.2472	.0214
18	.100	.12910	.12910	.12790	.12790	.14501	.02921
19	.106	.1552	.1552	.1545	.1545	.13475	.0771
20	.111	.16005	.16005	.1587	.1587	.12120	.2358
21	.117	.0245	.0245	.0117	.0117	.01978	.0723
22	.122	.02785	.02785	.0208	.0208	.14306	.0880
23	.128	.0750	.0750	.0422	.0422	.12017	.1452
24	.133	.3425	.3425	.3277	.3277	.4973	.063
25	.139	.3217	.3217	.3089	.3089	.8956	.3064
26	.146	.3087	.3087	.2970	.2970	.9135	.1155
27	.150	.2387	.2387	.2240	.2240	.9772	.1929
28	.155	.1749	.1749	.1621	.1621	.3087	.2823
29	.161	.1132	.1132	.1045	.1045	.8862	.1604
30	.167	.0901	.0901	.0773	.0773	.1678	.3093
31	.172	.0863	.0863	.0736	.0736	.3168	.1049
32	.178	.0916	.0916	.0788	.0788	.1484	.3656
33	.183	.0287	.0287	.0240	.0240	.1399	.3205
34	.189	.0816	.0816	.0688	.0688	.2636	.1170
35	.194	.0505	.0505	.0378	.0378	.2249	.0707
36	.200	.0444	.0444	.0337	.0337	.0715	.086
37	.206	.0526	.0526	.0398	.0398	.1517	.2795
38	.211	.0481	.0481	.0353	.0353	.1472	.2714
39	.217	.0362	.0362	.0234	.0234	.1772	.0483
40	.222	.0288	.0288	.0159	.0159	.0758	.1473
41	.228	.0163	.0163	.0053	.0053	.0418	.075
42	.233	.0137	.0137	.0031	.0031	.0189	.0746
43	.239	.0186	.0186	.0117	.0117	.0409	.0815
44	.244	.0219	.0199	.0071	.0071	.0342	.0498
45	.250	.0162	.0162	.0044	.0044	.0372	.0886
46	.256	.0138	.0138	.0014	.0014	.0232	.0819
47	.261	.0115	.0115	.0017	.0017	.0175	.0372
48	.267	.0122	.0122	.0008	.0008	.0077	.011
49	.272	.0115	.0115	.0004	.0004	.0000	.0000
50	.278	.0135	.0135	.0001	.0001	.0012	.0027
51	.284	.0124	.0124	.0002	.0002	.0004	.0017
52	.288	.0131	.0131	.0007	.0017	.0032	.0008
53	.294	.0163	.0163	.0028	.0028	.0063	.0036
54	.300	.0195	.0195	.0029	.0029	.0711	.0450
55	.306	.0150	.0150	.0029	.0029	.1847	.0142
56	.311	.0152	.0152	.0018	.0018	.0591	.0180
57	.317	.0124	.0124	.0030	.0030	.0000	.0000
58	.322	.0115	.0115	.0002	.0002	.0000	.0000
59	.328	.0087	.0091	.0000	.0000	.0000	.0000
60	.333	.0082	.0076	.0000	.0000	.0000	.0000

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 28/10/58		SIG. MGT. = 7.9		RECORD = DL 36			
HOUR = 13		CORR. FREQ. = 10.0		UPPER MGT. = 11.7			
TOTAL OF -13A		NOISE LEVEL = .0076		WIND SPEED = 14.5			
M	FREQ.	UNIT#1-2	FILTERED	LESS NOISE	CORR.#1-2	UPPER	LOWER
0	.000	.0543	.0543	.0467	.0467	.0561	.0297
1	.004	.0657	.0657	.0581	.0581	.0701	.0370
2	.011	.0796	.0796	.0678	.0678	.0850	.0452
3	.017	.0949	.0949	.0812	.0812	.1019	.0530
4	.022	.0955	.0955	.0888	.0888	.1083	.0578
5	.028	.0921	.0921	.0845	.0845	.1052	.0556
6	.033	.0904	.0904	.0828	.0828	.1037	.0528
7	.037	.0821	.0821	.0745	.0745	.0954	.0472
8	.044	.0767	.0767	.0691	.0691	.0899	.0408
9	.050	.0740	.0740	.0666	.0671	.0871	.0385
10	.055	.0726	.0726	.0650	.0653	.0852	.0355
11	.061	.0591	.0591	.0515	.0534	.0785	.0340
12	.067	.1074	.1074	.1017	.1043	.1123	.0864
13	.072	.1074	.1074	.1017	.1044	.1189	.1174
14	.078	.1058	.1058	.0972	.1016	.1216	.1292
15	.083	1.3963	1.3583	1.1487	1.1480	2.6137	.0079
16	.089	2.4690	2.4690	2.4513	2.6171	4.8238	1.8864
17	.094	1.4996	1.4996	1.1920	2.1976	4.0311	1.3993
18	.100	1.1417	1.1417	1.1341	1.2910	2.3785	.6220
19	.106	.9422	.9422	.9346	1.1093	2.0335	.7025
20	.111	.9722	.9722	.9646	.8933	1.2770	.6415
21	.117	.9655	.9655	.9580	.9588	.8456	.5921
22	.122	.9703	.9703	.9625	.9625	.8456	.5921
23	.128	.9704	.9704	.9628	.9628	.8431	.5928
24	.133	.9729	.9729	.9652	.9650	1.0009	.5958
25	.139	.9743	.9743	.9667	.9667	.9113	.5972
26	.146	.9729	.9729	.9653	.9653	.8312	.5981
27	.150	.9712	.9712	.9636	.9636	.8087	.5967
28	.156	.9787	.9787	.9711	.9711	.8353	.6015
29	.161	.9926	.9926	.9850	.9850	.8548	.6048
30	.167	.9908	.9908	.9832	.9832	.8548	.6048
31	.172	.9901	.9901	.9825	.9825	.8548	.6048
32	.178	.9906	.9906	.9830	.9830	.8548	.6048
33	.183	.9783	.9783	.9707	.9707	.8340	.6048
34	.189	.9783	.9783	.9707	.9707	.8340	.6048
35	.194	.9637	.9637	.9561	.9561	.8129	.6036
36	.200	.9637	.9637	.9561	.9561	.8129	.6036
37	.206	.9637	.9637	.9561	.9561	.8129	.6036
38	.211	.9637	.9637	.9561	.9561	.8129	.6036
39	.217	.9637	.9637	.9561	.9561	.8129	.6036
40	.222	.9637	.9637	.9561	.9561	.8129	.6036
41	.228	.9637	.9637	.9561	.9561	.8129	.6036
42	.233	.9637	.9637	.9561	.9561	.8129	.6036
43	.239	.9637	.9637	.9561	.9561	.8129	.6036
44	.244	.9637	.9637	.9561	.9561	.8129	.6036
45	.250	.9637	.9637	.9561	.9561	.8129	.6036
46	.256	.9637	.9637	.9561	.9561	.8129	.6036
47	.261	.9637	.9637	.9561	.9561	.8129	.6036
48	.267	.9637	.9637	.9561	.9561	.8129	.6036
49	.272	.9637	.9637	.9561	.9561	.8129	.6036
50	.278	.9637	.9637	.9561	.9561	.8129	.6036
51	.283	.9637	.9637	.9561	.9561	.8129	.6036
52	.289	.9637	.9637	.9561	.9561	.8129	.6036
53	.294	.9637	.9637	.9561	.9561	.8129	.6036
54	.300	.9637	.9637	.9561	.9561	.8129	.6036
55	.306	.9637	.9637	.9561	.9561	.8129	.6036
56	.311	.9637	.9637	.9561	.9561	.8129	.6036
57	.317	.9637	.9637	.9561	.9561	.8129	.6036
58	.322	.9637	.9637	.9561	.9561	.8129	.6036
59	.328	.9637	.9637	.9561	.9561	.8129	.6036
60	.333	.9637	.9637	.9561	.9561	.8129	.6036

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 28/10/58		Av. = 7.9		RECORD =		DL 37	
HOUR = 21		SIG. MGT. = 14.3		UPPER MGT. = 15.7		LOWER MGT. = 13.1	
TOTAL OF -15A		CORR. VAR. = 12.8		CHGR MGT. =		13.1	
		NOISE LEVEL = .0050		WIND SPEED =		30	
M	FREQ.	UNIT#1-2	FILTERED	LESS NOISE	CORR.#1-2	UPPER	LOWER
0	.000	.0374	.0374	.0324	.0324	.0597	.0208
1	.006	.0441	.0441	.0391	.0391	.0720	.0244
2	.011	.0553	.0553	.0503	.0503	.0824	.0319
3	.017	.0572	.0572	.0522	.0522	.0842	.0332
4	.022	.0640	.0640	.0590	.0590	.0930	.0374
5	.028	.0323	.0323	.0273	.0273	.0524	.0174
6	.033	.0340	.0340	.0290	.0290	.0502	.0139
7	.039	.0361	.0361	.0311	.0311	.0521	.0111
8	.044	.0219	.0219	.0169	.0201	.0370	.0128
9	.050	.0292	.0292	.0242	.0224	.0414	.0143
10	.055	.0347	.0347	.0297	.0316	.0582	.0201
11	.061	.0439	.0439	.0389	.0403	.0743	.0257
12	.067	.0571	.0571	.0521	.0534	.0884	.0340
13	.072	.0719	.0719	.0669	.0683	.1013	.0435
14	.078	.0825	.0825	.0775	.0790	.1135	.0544
15	.083	1.2016	1.2016	1.1966	1.2581	2.3189	.6011
16	.089	1.7223	1.7223	1.7173	1.8250	3.3855	1.1627
17	.094	1.3761	1.3761	1.3711	1.5128	2.7884	.8633
18	.100	.7850	.7850	.7800	.8879	1.4368	.5654
19	.106	.6083	.6083	.6033	.7122	1.1124	.4535
20	.111	.5255	.5255	.5205	.5992	1.1762	.4070
21	.117	.4449	.4449	.4399	.5638	1.0992	.3500
22	.122	.3909	.3909	.3859	.5301	.9770	.3375
23	.128	.3405	.3405	.3355	.4732	.8722	.3013
24	.133	.2734	.2734	.2684	.3892	.7396	.2582
25	.139	.1830	.1830	.1780	.2400	.5180	.1783
26	.146	.1255	.1255	.1205	.1600	.3705	.1260
27	.150	.1189	.1189	.1139	.1500	.3724	.1268
28	.156	.1061	.1061	.1011	.1313	.3266	.1118
29	.161	.0912	.0912	.0862	.1141	.3112	.1110
30	.167	.0830	.0830	.0780	.1033	.3121	.1078
31	.172	.0642	.0642	.0592	.0812	.2478	.0808
32	.178	.0466	.0466	.0416	.0547	.1930	.0647
33	.183	.0331	.0331	.0281	.0321	.1484	.0554
34	.189	.0357	.0357	.0307	.0301	.1470	.0580
35	.194	.0376	.0376	.0326	.0324	.1424	.0685
36	.200	.0270	.0270	.0220	.0219	.1411	.0648
37	.206	.0187	.0187	.0137	.0137	.0961	.0477
38	.211	.0284	.0284	.0234	.0234	.0851	.0462
39	.217	.0296	.0296	.0246	.0245	.0793	.0416
40	.222	.0232	.0232	.0182	.0182	.0678	.0363
41	.228	.0193	.0193	.0143	.0143	.0536	.0311
42	.233	.0180	.0180	.0130	.0130	.0465	.0213
43	.239	.0150	.0150	.0100	.0100	.0364	.0138
44	.244	.0113	.0113	.0063	.0063	.0252	.0129
45	.250	.0102	.0102	.0052	.0051	.0212	.0099
46	.256	.0079	.0079	.0029	.0028	.0155	.0072
47	.261	.0091	.0091	.0041	.0040	.0192	.0074
48	.267	.0113	.0113	.0063	.0062	.0219	.0074
49	.272	.0093	.0093	.0043	.0042	.0171	.0049
50	.278	.0088	.0088	.0038	.0037	.0163	.0048
51	.283	.0050	.0050	.0000	.0000	.0100	.0035
52	.289	.0050	.0050	.0000	.0000	.0122	.0028
53	.294	.0050	.0050	.0000	.0000	.0114	.0026
54	.300	.0050	.0050	.0000	.0000	.0119	.0026
55	.306	.0050	.0050	.0000	.0000	.0119	.0026
56	.311	.0050	.0050	.0000	.0000	.0119	.0026
57	.317	.0050	.0050	.0000	.0000	.0119	.0026
58	.322	.0050	.0050	.0000	.0000	.0119	.0026
59	.328	.0050	.0050	.0000	.0000	.0119	.0026
60	.333	.0050	.0050	.0000	.0000	.0119	.0026

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

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SPECTRA BROADCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 29/10/58		AV. T _h		RECORD =		OL 40	
TOTAL OF 184		SIG. MGT. = 18		UPPER MGT. = 22.3		22.3	
		CORR. VAR. =		LOWER MGT. = 18.6			
		NOISE LEVEL =		WIND SPEED =		30	
M	FREQ.	UNIT-F1-2	FILTERED	LESS NOISE	CORR.F1-2	UPPER	LOWER
0	.000	.1191	.1191	.1020	.1020	.1081	.0650
1	.008	.1941	.1941	.1770	.1770	.1827	.1311
2	.011	.2730	.2730	.2059	.2059	.2755	.1911
3	.017	.1249	.1249	.1078	.1078	.1078	.0887
4	.022	.0749	.0749	.0599	.0599	.1103	.0581
5	.028	.0410	.0410	.0439	.0439	.0609	.0280
6	.031	.0264	.0264	.0208	.0155	.0285	.0089
7	.039	.0122	.0122	.0090	.0090	.0090	.0000
8	.044	.0153	.0153	.0000	.0000	.0000	.0000
9	.050	.0273	.0273	.0102	.0113	.0208	.0072
10	.056	.0525	.0525	.0354	.0377	.0694	.0240
11	.061	.1836	.1836	.1185	.1127	.1184	.1160
12	.067	1.2229	1.2229	1.2050	1.2388	2.2764	.7875
13	.072	2.3969	2.3969	2.3760	2.4417	4.5004	1.5547
14	.078	2.2742	2.2742	2.2571	2.3381	4.3057	1.4075
15	.083	2.1249	2.1249	2.1078	2.2161	4.0847	1.4111
16	.089	2.0400	2.0400	2.0229	2.1509	3.9845	1.3556
17	.094	1.6586	1.6586	1.6415	1.8112	2.3384	1.1533
18	.100	1.4380	1.4380	1.4208	1.6175	2.0813	1.0299
19	.105	1.0993	1.0993	1.0822	1.2775	2.3547	.8135
20	.111	1.0003	1.0003	.9832	1.2073	2.2253	.7888
21	.117	.9516	.9516	.9345	1.1975	2.0712	.7825
22	.122	.6763	.6763	.6592	.6549	1.8310	.5835
23	.128	.4471	.4471	.4300	.4257	1.1778	.3842
24	.133	.3453	.3453	.3282	.4661	.8957	.3108
25	.139	.3590	.3590	.3419	.3376	.9913	.3425
26	.144	.3242	.3242	.3071	.3124	.9445	.3263
27	.150	.2300	.2300	.2129	.2174	.6951	.2404
28	.156	.1737	.1737	.1567	.1612	.5863	.1887
29	.161	.1443	.1443	.1272	.1317	.4819	.1605
30	.167	.1190	.1190	.1019	.1064	.3875	.1468
31	.172	.0917	.0917	.0746	.0791	.3208	.1108
32	.178	.0804	.0804	.0633	.0678	.2938	.1015
33	.183	.0808	.0808	.0637	.0682	.2732	.1103
34	.189	.0815	.0815	.0644	.0689	.2500	.1209
35	.194	.0748	.0748	.0577	.0622	.2225	.1214
36	.200	.0633	.0633	.0462	.0507	.1827	.1027
37	.204	.0487	.0487	.0316	.0361	.1203	.0766
38	.210	.0500	.0500	.0329	.0374	.0874	.0529
39	.217	.0515	.0515	.0344	.0389	.1508	.1005
40	.222	.0380	.0380	.0209	.0254	.1052	.0530
41	.228	.0318	.0318	.0146	.0191	.1704	.0589
42	.233	.0359	.0359	.0161	.0206	.1850	.0632
43	.239	.0301	.0301	.0124	.0169	.1556	.0531
44	.244	.0185	.0185	.0041	.0086	.0978	.0200
45	.250	.0153	.0153	.0014	.0059	.0313	.0039
46	.256	.0217	.0217	.0051	.0096	.0894	.0309
47	.261	.0337	.0337	.0132	.0177	.0580	.0091
48	.267	.0457	.0457	.0152	.0197	.1151	.0312
49	.272	.0245	.0245	.0096	.0141	.0763	.0016
50	.278	.0224	.0224	.0084	.0129	.1712	.0098
51	.283	.0259	.0259	.0094	.0139	.1140	.0739
52	.289	.0216	.0216	.0084	.0129	.0882	.0519
53	.294	.0153	.0153	.0000	.0000	.0000	.0000
54	.300	.0121	.0121	.0000	.0000	.0000	.0000
55	.305	.0087	.0087	.0000	.0000	.0000	.0000
56	.311	.0111	.0111	.0000	.0000	.0000	.0000
57	.317	.0170	.0170	.0000	.0000	.0000	.0000
58	.322	.0175	.0175	.0008	.0046	.0675	.0233
59	.328	.0199	.0199	.0027	.0133	.2457	.0049
60	.333	.0236	.0217	.0047	.0466	.4982	.1716

SPECTRA BROADCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 30/10/58		AV. T _h		RECORD =		OL 41	
TOTAL OF 152		SIG. MGT. = 17.7		UPPER MGT. = 19.5		19.5	
		CORR. VAR. = 19.6		LOWER MGT. = 16.1			
		NOISE LEVEL =		WIND SPEED =		25	
M	FREQ.	UNIT-F1-2	FILTERED	LESS NOISE	CORR.F1-2	UPPER	LOWER
0	.000	.0534	.0534	.0478	.0478	.0862	.0305
1	.004	.0993	.0993	.0827	.0827	.1524	.0524
2	.011	.1162	.1162	.1106	.1106	.2038	.0704
3	.017	.0631	.0631	.0575	.0575	.1429	.0484
4	.022	.0553	.0553	.0499	.0499	.0920	.0316
5	.028	.0451	.0451	.0395	.0395	.1094	.0379
6	.033	.0404	.0404	.0347	.0347	.1491	.0460
7	.039	.0667	.0667	.0610	.0611	.1484	.0516
8	.044	.0860	.0860	.0804	.0805	.1784	.0608
9	.050	.2995	.2995	.2538	.2517	.5193	.1794
10	.056	.6429	.6429	.6373	.6374	1.2488	.4313
11	.061	1.1165	1.1165	1.1109	1.1264	2.1243	.7334
12	.067	2.1255	2.1255	2.1199	2.1264	4.0077	1.3845
13	.072	2.7957	2.7957	2.7840	2.8482	5.4549	1.8123
14	.078	1.8625	1.8625	1.8569	1.9219	3.5424	1.2258
15	.083	.8113	.8113	.8057	.8671	1.5614	.5394
16	.089	.6824	.6824	.6768	.7197	1.3264	.4582
17	.094	1.0899	1.0899	1.0842	1.1364	2.2051	.7618
18	.100	1.2105	1.2105	1.2049	1.2716	2.7281	.8734
19	.105	.7869	.7869	.7813	.8273	1.7000	.5873
20	.111	.5074	.5074	.5018	.5407	1.1810	.4060
21	.117	.4372	.4372	.4316	.4607	1.0196	.3522
22	.122	.3424	.3424	.3368	.3621	.8335	.2879
23	.128	.2864	.2864	.2808	.3061	.7000	.2527
24	.133	.1872	.1872	.1816	.2071	.4978	.1740
25	.139	.1289	.1289	.1232	.1487	.3571	.1234
26	.144	.1561	.1561	.1505	.1761	.4627	.1598
27	.150	.1719	.1719	.1663	.1918	.5436	.1878
28	.156	.1188	.1188	.1131	.1385	.3945	.1363
29	.161	.0627	.0627	.0571	.0825	.2130	.0736
30	.167	.0812	.0812	.0756	.0973	.1425	.0482
31	.172	.0340	.0340	.0283	.0461	.1218	.0241
32	.178	.0374	.0374	.0318	.0499	.1473	.0500
33	.183	.0393	.0393	.0337	.0517	.1469	.0584
34	.189	.0310	.0310	.0254	.0448	.1180	.0477
35	.194	.0241	.0241	.0185	.0362	.1082	.0377
36	.200	.0264	.0264	.0208	.0327	.1339	.0445
37	.204	.0267	.0267	.0211	.0352	.1202	.0435
38	.210	.0143	.0143	.0087	.0362	.0867	.0231
39	.217	.0129	.0129	.0073	.0353	.0613	.0212
40	.222	.0163	.0163	.0107	.0338	.0301	.0342
41	.228	.0193	.0193	.0137	.0312	.1313	.0454
42	.233	.0180	.0180	.0124	.0289	.1492	.0462
43	.239	.0172	.0172	.0117	.0299	.1473	.0509
44	.244	.0155	.0155	.0100	.0289	.1416	.0450
45	.250	.0153	.0153	.0093	.0287	.1451	.0501
46	.256	.0132	.0132	.0080	.0272	.1338	.0442
47	.261	.0098	.0098	.0031	.0244	.1082	.0346
48	.267	.0088	.0088	.0034	.0225	.0883	.0270
49	.272	.0105	.0105	.0037	.0246	.0914	.0288
50	.278	.0076	.0076	.0023	.0231	.0844	.0223
51	.283	.0051	.0051	.0004	.0209	.0609	.0201
52	.289	.0072	.0072	.0011	.0219	.0403	.0139
53	.294	.0079	.0079	.0014	.0255	.0855	.0228
54	.300	.0093	.0093	.0020	.0253	.0871	.0259
55	.305	.0052	.0052	.0000	.0200	.0000	.0000
56	.311	.0063	.0063	.0001	.0217	.0011	.0000
57	.317	.0044	.0044	.0000	.0200	.0000	.0000
58	.322	.0078	.0078	.0000	.0200	.0000	.0000
59	.328	.0049	.0049	.0000	.0200	.0000	.0000
60	.333	.0052	.0051	.0000	.0200	.0000	.0000

SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 30/10/58		AV. IN		RECORD =		OL 42	
HOUR = 205		SIG. HGT. = 13.7		UPPER HGT. = 14.0		1.75E+00	
TOTAL OF 205		CORR. VAR. = 11.8		LOWER HGT. = 12.7		1.74E+00	
		NOISE LEVEL = .0045		WIND SPEED = 15			
M	FRE.	UNIT-FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.0437	.0437	.0391	.0391	.0721	.0269
1	.004	.0403	.0403	.0356	.0356	.0686	.0227
2	.011	.0358	.0358	.0313	.0313	.0574	.0199
3	.017	.0474	.0474	.0406	.0406	.0753	.0260
4	.022	.0537	.0537	.0451	.0451	.0872	.0338
5	.028	.0517	.0517	.0411	.0411	.0889	.0300
6	.035	.0386	.0386	.0350	.0350	.1017	.0351
7	.039	.0356	.0356	.0310	.0310	.0759	.0262
8	.044	.0485	.0485	.0440	.0440	.0924	.0353
9	.050	.0190	.0190	.0164	.0164	.0568	.0233
10	.058	.0291	.0291	.0248	.0248	.0829	.0293
11	.063	1.0206	1.0206	1.0159	1.0159	1.9625	.9711
12	.067	.9851	.9851	.9806	1.0058	1.8538	.8406
13	.072	.7804	.7804	.7759	.7840	1.6672	.5009
14	.074	.5843	.5843	.5598	.5704	1.0679	.3609
15	.083	.3763	.3763	.3711	.3808	.7204	.2469
16	.089	.8285	.8285	.8235	.8421	1.1655	.5058
17	.094	.6822	.6822	.6875	.6794	1.8052	.6236
18	.100	.6866	.6866	.6821	.7879	1.4521	.5016
19	.106	.4424	.4424	.4379	.5169	.9528	.3242
20	.111	.1809	.1809	.1564	.4376	.6056	.2766
21	.117	.3154	.3154	.3109	.3965	.7364	.2537
22	.122	.2375	.2375	.2329	.3127	.5763	.1991
23	.128	.1368	.1368	.1348	.2143	.3949	.1364
24	.133	.1142	.1142	.1137	.1690	.3116	.1074
25	.138	.1367	.1367	.1347	.1732	.3193	.1103
26	.144	.1451	.1451	.1406	.2345	.4323	.1493
27	.150	.1293	.1293	.1248	.2215	.4079	.1409
28	.157	.0851	.0851	.0805	.1717	.3165	.1093
29	.163	.0851	.0851	.0805	.1224	.2256	.0774
30	.167	.0324	.0324	.0240	.0408	.1121	.0347
31	.172	.0305	.0305	.0259	.0804	.1114	.0385
32	.178	.0345	.0345	.0289	.0743	.1388	.0460
33	.183	.0461	.0461	.0415	.1128	.2080	.0719
34	.189	.0550	.0550	.0504	.1487	.2611	.0947
35	.194	.0372	.0372	.0327	.1047	.1929	.0647
36	.200	.0223	.0223	.0178	.0820	.1144	.0395
37	.206	.0171	.0171	.0125	.0527	.0893	.0308
38	.211	.0151	.0151	.0105	.0439	.0808	.0279
39	.217	.0168	.0168	.0122	.0560	.1032	.0356
40	.222	.0150	.0150	.0105	.0528	.0973	.0316
41	.228	.0145	.0145	.0111	.0916	.1135	.0392
42	.233	.0194	.0194	.0136	.0818	.1545	.0544
43	.239	.0207	.0207	.0147	.1003	.1849	.0639
44	.245	.0162	.0162	.0117	.0886	.1634	.0584
45	.250	.01115	.01115	.0081	.0618	.1138	.0418
46	.256	.0076	.0076	.0057	.0347	.0639	.0221
47	.261	.0057	.0057	.0041	.0191	.0297	.0133
48	.267	.0048	.0048	.0037	.0084	.0136	.0054
49	.272	.0048	.0048	.0037	.0112	.0248	.0083
50	.278	.0070	.0070	.0048	.0268	.0494	.0171
51	.283	.0051	.0051	.0039	.0146	.0249	.0093
52	.289	.0042	.0042	.0030	.0080	.0080	.0020
53	.294	.0045	.0045	.0030	.0080	.0080	.0020
54	.300	.0045	.0045	.0030	.0080	.0080	.0020
55	.306	.0048	.0048	.0033	.0072	.0133	.0046
56	.311	.0053	.0050	.0035	.0142	.0249	.0103
57	.317	.0049	.0048	.0032	.0087	.0161	.0061
58	.322	.0036	.0036	.0020	.0080	.0080	.0020
59	.328	.0031	.0031	.0020	.0080	.0080	.0020
60	.333	.0045	.0041	.0030	.0080	.0080	.0020

SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 7/11/59		AV. IN		RECORD =		OL 47	
HOUR = 12		SIG. HGT. = 24.2		UPPER HGT. = 26.7		1.10E+01	
TOTAL OF 131		CORR. VAR. = 34.8		LOWER HGT. = 21.9		1.10E+01	
		NOISE LEVEL = .0104		WIND SPEED = 40			
M	FRE.	UNIT-FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.2266	.2266	.2102	.2102	.3874	.1338
1	.006	.2795	.2795	.2632	.2632	.4952	.1676
2	.011	.3275	.3275	.3111	.3111	.5714	.2041
3	.017	.2820	.2820	.2656	.2656	.4490	.1691
4	.022	.2608	.2608	.2444	.2444	.3421	.1276
5	.028	.1571	.1571	.1407	.1407	.2225	.0769
6	.033	.0893	.0893	.0849	.1054	.1947	.0871
7	.039	.0642	.0642	.0598	.0790	.1470	.0522
8	.044	.0447	.0447	.0403	.0537	.1020	.0214
9	.050	.0816	.0816	.0772	.0907	.1925	.0719
10	.055	.1831	.1831	.1667	.1772	.3288	.1178
11	.061	.0952	.0952	.0788	.1035	.1716	.0646
12	.067	3.3144	3.3144	3.2805	3.3832	6.2556	2.1542
13	.072	5.8307	5.8307	5.8201	5.9716	11.0085	3.8024
14	.078	5.4706	5.4706	5.4542	5.6451	10.4048	3.5945
15	.083	2.7662	2.7662	2.7498	2.8911	5.3287	1.8409
16	.089	1.0860	1.0860	1.0696	3.1373	2.0941	.7244
17	.094	.9546	.9546	.9382	.9248	1.7046	.5849
18	.100	1.0813	1.0813	1.0649	1.2123	2.2364	.7719
19	.106	1.0276	1.0276	1.0112	1.4083	2.5920	.8504
20	.111	.9344	.9344	.9180	1.1273	2.0777	.7176
21	.117	.8895	.8895	.8731	1.1180	2.0425	.7145
22	.122	.8431	.8431	.8267	1.1097	2.0454	.7066
23	.128	.8248	.8248	.8084	.7171	1.3218	.4566
24	.133	.8089	.8089	.7925	.6837	1.0768	.3717
25	.138	.7751	.7751	.7587	.7216	1.3301	.4599
26	.144	.7074	.7074	.6910	.6182	1.1000	.3516
27	.150	.3273	.3273	.3109	.5514	1.0163	.3511
28	.157	.1393	.1393	.1229	.2325	.4284	.1440
29	.163	.1230	.1230	.1066	.2157	.3975	.1373
30	.167	.1242	.1242	.1078	.2340	.4312	.1490
31	.172	.0808	.0808	.0704	.1641	.3025	.1045
32	.178	.0507	.0507	.0443	.0463	.1590	.0549
33	.183	.0518	.0518	.0454	.0463	.1175	.0813
34	.189	.0872	.0872	.0708	.0684	.3445	.1328
35	.194	.0873	.0873	.0709	.2592	.4777	.1850
36	.200	.1022	.1022	.0858	.2095	.5520	.1907
37	.206	.1212	.1212	.1048	.3991	.7355	.2561
38	.211	.0808	.0808	.0705	.2843	.5424	.1874
39	.217	.0498	.0498	.0434	.1529	.2819	.0974
40	.222	.0567	.0567	.0403	.0791	.3744	.1293
41	.228	.0558	.0558	.0342	.1903	.3509	.1212
42	.233	.0296	.0296	.0179	.1099	.2025	.0700
43	.239	.0178	.0178	.0091	.0389	.0316	.0247
44	.245	.0252	.0252	.0068	.0516	.0952	.0349
45	.250	.0221	.0221	.0082	.0895	.1181	.0441
46	.256	.0232	.0232	.0077	.0716	.1135	.0461
47	.261	.0232	.0232	.0093	.0945	.1741	.0801
48	.267	.0270	.0277	.0113	.1342	.2473	.0854
49	.272	.0341	.0318	.0152	.0538	.3753	.1297
50	.278	.0327	.0313	.0145	.2751	.4141	.1433
51	.283	.0242	.0259	.0095	.1614	.2375	.0813
52	.289	.0221	.0225	.0095	.1187	.2114	.0730
53	.294	.0211	.0204	.0044	.0761	.1175	.0413
54	.300	.0143	.0153	.0049	.0811	.1326	.0444
55	.306	.0143	.0153	.0069	.0600	.0800	.0000
56	.311	.0107	.0119	.0070	.0000	.0000	.0000
57	.317	.0105	.0112	.0090	.0000	.0000	.0000
58	.322	.0126	.0123	.0099	.0000	.0000	.0000
59	.328	.0131	.0129	.0099	.0000	.0000	.0000
60	.333	.0123	.0127	.0090	.0000	.0000	.0000

SPECTRA HINDCASTING OCTOBER 20, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 7/11/59		Av. T = 8.9		RECORD =		OL 48	
HOUR = 15		SIG. HGT. = 23.7		UPPER HGT. = 25.8			
TOTAL OF 181		CORR. VAL. = 35.0		KIND =		21.7	
		NOISE LEVEL = .0174		WIND SPEED =		40	
N	PRE.	UNIT=FT-2	FILTERED	LESS NOISE	CORR. FT-2	UPPER	LOWER
0	.000		.1028	.1454		.2874	.0928
1	.006		.2563	.2389		.4404	.1521
2	.011		.3613	.3439		.5339	.2100
3	.017		.5086	.4913		.6588	.2855
4	.022		.7221	.7047		.8778	.4309
5	.028		.1010	.1136		.1200	.1105
6	.033		.1432	.1458		.1882	.1262
7	.039		.0771	.0588		.0703	.0505
8	.044		.0548	.0374		.0485	.0284
9	.050		.0542	.0368		.0409	.0280
10	.055		.2384	.2215		.4340	.1488
11	.061		1.3204	1.3204		1.3519	2.4918
12	.067		2.4086	2.4086		2.4578	4.4987
13	.072		3.0549	3.0535		3.1165	5.7441
14	.078		2.9359	2.9185		3.0206	5.5875
15	.083		2.8041	2.7867		2.9289	5.4003
16	.089		2.8225	2.8051		2.8051	5.4076
17	.094		2.2553	2.2418		2.4493	4.5813
18	.100		1.7379	1.7205		1.9586	3.6100
19	.106		1.5181	1.5007		1.7718	3.2855
20	.111		1.2804	1.2630		1.5510	2.8587
21	.117		1.3203	1.3029		1.6896	3.0778
22	.122		.4132	.4132		.8058	.7837
23	.128		.3508	.3508		.7335	.6869
24	.133		.2816	.2816		.5942	.5685
25	.139		.2986	.2986		.6222	.6184
26	.144		.2800	.2800		.6267	.6207
27	.150		.2678	.2678		.6205	.6237
28	.156		.2196	.2196		.5222	.5250
29	.161		.2137	.2137		.5223	.5243
30	.167		.1882	.1882		.4708	.4832
31	.172		.1091	.1091		.2138	.2143
32	.178		.0616	.0616		.1114	.1053
33	.183		.0532	.0532		.0974	.1186
34	.188		.0725	.0725		.0551	.1038
35	.194		.0749	.0749		.0575	.1041
36	.200		.0720	.0720		.0566	.1037
37	.206		.0731	.0731		.0552	.1032
38	.211		.0641	.0641		.0467	.0950
39	.217		.0690	.0690		.0518	.1006
40	.222		.0586	.0586		.0390	.0821
41	.228		.0376	.0376		.0255	.0613
42	.233		.0408	.0408		.0226	.0584
43	.239		.0426	.0426		.0238	.0587
44	.244		.0382	.0382		.0192	.0508
45	.250		.0300	.0300		.0126	.0408
46	.256		.0192	.0192		.0046	.0272
47	.261		.0191	.0191		.0022	.0236
48	.267		.0223	.0223		.0037	.0249
49	.272		.0176	.0176		.0012	.0158
50	.278		.0130	.0130		.0000	.0000
51	.283		.0004	.0004		.0010	.0071
52	.289		.0253	.0253		.1105	.2037
53	.294		.0202	.0202		.0480	.1686
54	.300		.0189	.0200		.0027	.0085
55	.306		.0219	.0208		.0025	.0121
56	.311		.0470	.0173		.0000	.0000
57	.317		.0124	.0125		.0000	.0000
58	.322		.0118	.0122		.0000	.0000
59	.328		.0132	.0130		.0000	.0000
60	.333		.0144	.0140		.0000	.0000

SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 7/11/59		AV. T = 9.3		RECORD = OL 49			
HOUR = 18		SIG. HGT. = 26.1		UPPER HGT. = 31.1			
TOTAL OF 123		CORR. VAL. = 44.2		LOWER HGT. = 25.3			
		NOISE LEVEL = .0284		WIND SPEED = 35			
N	PRE.	UNIT=FT-2	FILTERED	LESS NOISE	CORR. FT-2	UPPER	LOWER
0	.000		.1873	.1589		.2428	.1012
1	.006		.2804	.2520		.4445	.1605
2	.011		.5192	.4908		.8046	.3125
3	.017		.8214	.8214		1.4030	.5776
4	.022		.4436	.4436		.3852	.2483
5	.028		.2253	.2253		.1989	.1254
6	.033		.1539	.1539		.1255	.0866
7	.039		.0787	.0787		.0503	.0425
8	.044		.0856	.0856		.0372	.0282
9	.050		.0841	.0841		.0557	.0394
10	.056		.2511	.2511		.2187	.1507
11	.061		1.5106	1.5086		1.5082	2.8851
12	.067		5.1507	5.1507		5.2801	9.6951
13	.072		6.0515	6.0515		6.2316	15.1832
14	.078		6.8717	6.8717		7.0829	13.0548
15	.083		4.2773	4.2773		4.4673	8.2338
16	.089		2.5807	2.5807		2.7830	5.0373
17	.094		2.0780	2.0780		2.2815	4.1683
18	.100		2.1618	2.1618		2.4287	4.7664
19	.106		1.5873	1.5869		1.8403	3.3926
20	.111		.8901	.8901		1.0581	1.9505
21	.117		.6324	.6324		.7741	1.4264
22	.122		.4730	.4730		.5608	1.0399
23	.128		.4077	.4077		.3793	.8462
24	.133		.4094	.4094		.4410	1.2088
25	.139		.4273	.4273		.3084	.8774
26	.144		.2886	.2886		.2002	.5431
27	.150		.2681	.2681		.2797	.7136
28	.156		.2961	.2961		.2857	.7965
29	.161		.2436	.2436		.2352	.6758
30	.167		.2592	.2592		.2308	.6824
31	.172		.2226	.2226		.1942	.5846
32	.178		.1688	.1688		.1404	.4514
33	.183		.1562	.1562		.1278	.4002
34	.188		.1145	.1145		.0881	.2817
35	.194		.0881	.0881		.0571	.2107
36	.200		.0545	.0545		.0281	.1678
37	.206		.0649	.0649		.0485	.2063
38	.211		.0869	.0869		.0785	.1021
39	.217		.0578	.0578		.0294	.1348
40	.222		.0529	.0529		.0245	.1234
41	.228		.0498	.0498		.0197	.1084
42	.233		.0376	.0376		.0113	.0894
43	.239		.0288	.0288		.0052	.0556
44	.244		.0411	.0411		.0118	.0502
45	.250		.0513	.0513		.0173	.0892
46	.256		.0382	.0382		.0089	.0513
47	.261		.0262	.0261		.0035	.0293
48	.267		.0467	.0467		.0107	.0734
49	.272		.0620	.0619		.0272	.1133
50	.278		.0664	.0664		.0218	.0695
51	.283		.0609	.0611		.0187	.0619
52	.289		.0411	.0403		.0119	.0465
53	.294		.0390	.0390		.0080	.0300
54	.300		.0191	.0209		.0000	.0000
55	.306		.0200	.0200		.0000	.0000
56	.311		.0238	.0239		.0000	.0000
57	.317		.0274	.0274		.0000	.0000
58	.322		.0276	.0276		.0000	.0000
59	.328		.0248	.0254		.0000	.0000
60	.333		.0210	.0210		.0000	.0000

SPECTRA MINIDECODING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 7/11/59		AV. T =		RECORD =		OL 48	
HOUR = 21.5		SIG. HGT. =		UPPER HGT. =		28.1	
TOTAL OF -15A		CORR. VAR. =		LOWER HGT. =		21.4	
		NOISE LEVEL =		WIND SPEED =		40	
M	PRE.	UNIT-FT.2	FILTERED	LESS NOISE	CORR. FT.2	UPPER	LOWER
0	.000		.1425	.1213	.2236	.0773	
1	.004	.2757	.2757	.2345	.2345	.4462	.1621
2	.011	.5059	.5059	.4359	.4359	.8032	.2775
3	.017	.7024	.7024	.6013	.6013	.1071	.3055
4	.022	.8189	.8189	.7077	.7077	.1331	.3233
5	.028	.9183	.9185	.7885	.7885	.1639	.3257
6	.033	.9893	.9895	.8682	.8682	.1970	.3484
7	.039	1.1100	1.1100	.9889	.9889	.2174	.3752
8	.044	1.0220	1.0220	.9089	.9089	.1775	.3413
9	.050	.9482	.9482	.8271	.8272	.1503	.3333
10	.055	.8798	.8798	.7587	.7590	.1264	.3151
11	.061	1.1334	1.1334	1.0143	1.0143	.2132	.4082
12	.067	1.2434	1.2434	1.1223	1.1223	.2126	.4117
13	.072	1.3700	1.3700	1.2488	1.2488	.2124	.4144
14	.074	1.4900	1.4900	1.3785	1.3785	.2104	.4161
15	.083	1.7197	1.7197	1.5988	1.5987	.2107	.4161
16	.089	1.8203	1.8203	1.7043	1.7043	.2107	.4161
17	.094	1.9597	1.9597	1.8385	1.8385	.2108	.4161
18	.100	1.9689	1.9689	1.8554	1.8554	.2108	.4161
19	.104	1.9614	1.9614	1.8703	1.8703	.2108	.4161
20	.111	1.9838	1.9838	1.9042	1.9042	.2108	.4161
21	.117	1.9811	1.9811	1.9270	1.9270	.2108	.4161
22	.122	.6293	.6293	.5081	.5081	.1504	.3108
23	.128	.4430	.4430	.3619	.3619	.1000	.2100
24	.133	.2913	.2913	.2301	.2302	.1000	.2100
25	.134	.1374	.1374	.1108	.1108	.1000	.2100
26	.144	.4299	.4299	.3488	.3488	.1000	.2100
27	.150	.3340	.3340	.2729	.2729	.1000	.2100
28	.154	.1937	.1937	.1574	.1574	.1000	.2100
29	.161	.1234	.1234	.1023	.1023	.1000	.2100
30	.167	.1203	.1203	.0992	.0992	.1000	.2100
31	.172	.1172	.1172	.1041	.1041	.1000	.2100
32	.178	.1074	.1074	.1043	.1043	.1000	.2100
33	.183	.1000	.1000	.1000	.1000	.1000	.2100
34	.189	.0942	.0942	.0731	.0731	.1000	.2100
35	.194	.0841	.0841	.0734	.0734	.1000	.2100
36	.200	.1045	.1045	.0834	.0834	.1000	.2100
37	.206	.0912	.0912	.0701	.0701	.1000	.2100
38	.211	.0734	.0734	.0541	.0541	.1000	.2100
39	.217	.0541	.0541	.0400	.0400	.1000	.2100
40	.222	.0400	.0400	.0300	.0300	.1000	.2100
41	.228	.0400	.0400	.0200	.0200	.1000	.2100
42	.233	.0503	.0503	.0200	.0200	.1000	.2100
43	.239	.0400	.0400	.0200	.0200	.1000	.2100
44	.244	.0400	.0400	.0200	.0200	.1000	.2100
45	.250	.0310	.0310	.0110	.0110	.1000	.2100
46	.253	.0231	.0231	.0034	.0034	.1000	.2100
47	.261	.0200	.0200	.0000	.0000	.1000	.2100
48	.267	.0200	.0200	.0000	.0000	.1000	.2100
49	.272	.0154	.0154	.0000	.0000	.1000	.2100
50	.278	.0154	.0154	.0000	.0000	.1000	.2100
51	.283	.0174	.0174	.0000	.0000	.1000	.2100
52	.289	.0184	.0184	.0000	.0000	.1000	.2100
53	.294	.0174	.0174	.0000	.0000	.1000	.2100
54	.300	.0174	.0174	.0000	.0000	.1000	.2100
55	.306	.0214	.0214	.0000	.0000	.1000	.2100
56	.311	.0223	.0223	.0011	.0011	.1000	.2100
57	.317	.0213	.0213	.0011	.0011	.1000	.2100
58	.322	.0265	.0265	.0038	.0038	.1000	.2100
59	.328	.0265	.0265	.0043	.0043	.1000	.2100
60	.333	.0209	.0209	.0000	.0000	.1000	.2100

SPECTRA MINIDECODING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 7/11/59		AV. T =		RECORD =		OL 50	
HOUR = 0		SIG. HGT. =		UPPER HGT. =		32.4	
TOTAL OF -125		CORR. VAR. =		LOWER HGT. =		26.4	
		NOISE LEVEL =		WIND SPEED =		55	
M	PRE.	UNIT-FT.2	FILTERED	LESS NOISE	CORR. FT.2	UPPER	LOWER
0	.000		.1244	.0994	.1790	.0806	
1	.004	.2460	.2460	.2171	.2171	.4002	.1362
2	.011	.4054	.4054	.3765	.3765	.6099	.2397
3	.017	.5773	.5773	.5486	.5486	.8264	.2855
4	.022	.6373	.6373	.6084	.6084	.9527	.3200
5	.028	.7152	.7152	.6852	.6852	.9274	.3476
6	.033	.7309	.7309	.7020	.7020	.9884	.3766
7	.039	.8184	.8184	.7895	.7895	.9884	.3766
8	.044	.8184	.8184	.7895	.7895	.9884	.3766
9	.050	.7372	.7372	.7082	.7082	.9087	.3413
10	.055	.6372	.6372	.6082	.6082	.8118	.3102
11	.061	.5047	.5047	.4757	.4757	.6908	.2600
12	.067	.3784	.3784	.3494	.3494	.5407	.2100
13	.072	1.1070	1.1070	1.0781	1.0781	.6555	.2402
14	.078	1.7854	1.7854	1.7564	1.7564	.6211	.2103
15	.083	1.0874	1.0874	1.0584	1.0584	.5407	.2100
16	.089	1.7707	1.7707	1.7417	1.7417	.5407	.2100
17	.094	1.8805	1.8805	1.8515	1.8515	.5407	.2100
18	.100	1.4706	1.4706	1.4417	1.4417	.5407	.2100
19	.104	1.4902	1.4902	1.4612	1.4612	.5407	.2100
20	.111	1.7041	1.7041	1.6751	1.6751	.5407	.2100
21	.117	1.7004	1.7004	1.6714	1.6714	.5407	.2100
22	.122	1.1134	1.1134	1.0844	1.0844	.5407	.2100
23	.128	.7352	.7352	.7062	.7062	.4607	.2100
24	.133	.5074	.5074	.4784	.4784	.3807	.2100
25	.139	.2645	.2645	.2355	.2355	.3007	.2100
26	.144	.1371	.1371	.1081	.1081	.2207	.2100
27	.150	.1559	.1559	.1269	.1269	.1407	.2100
28	.154	.1047	.1047	.0757	.0757	.1007	.2100
29	.161	.1047	.1047	.0757	.0757	.1007	.2100
30	.167	.1047	.1047	.0757	.0757	.1007	.2100
31	.172	.1047	.1047	.0757	.0757	.1007	.2100
32	.178	.1047	.1047	.0757	.0757	.1007	.2100
33	.183	.1047	.1047	.0757	.0757	.1007	.2100
34	.189	.1047	.1047	.0757	.0757	.1007	.2100
35	.194	.1047	.1047	.0757	.0757	.1007	.2100
36	.200	.1047	.1047	.0757	.0757	.1007	.2100
37	.206	.1047	.1047	.0757	.0757	.1007	.2100
38	.211	.1047	.1047	.0757	.0757	.1007	.2100
39	.217	.1047	.1047	.0757	.0757	.1007	.2100
40	.222	.1047	.1047	.0757	.0757	.1007	.2100
41	.228	.1047	.1047	.0757	.0757	.1007	.2100
42	.233	.1047	.1047	.0757	.0757	.1007	.2100
43	.239	.1047	.1047	.0757	.0757	.1007	.2100
44	.244	.1047	.1047	.0757	.0757	.1007	.2100
45	.250	.1047	.1047	.0757	.0757	.1007	.2100
46	.253	.1047	.1047	.0757	.0757	.1007	.2100
47	.261	.1047	.1047	.0757	.0757	.1007	.2100
48	.267	.1047	.1047	.0757	.0757	.1007	.2100
49	.272	.1047	.1047	.0757	.0757	.1007	.2100
50	.278	.1047	.1047	.0757	.0757	.1007	.2100
51	.283	.1047	.1047	.0757	.0757	.1007	.2100
52	.289	.1047	.1047	.0757	.0757	.1007	.2100
53	.294	.1047	.1047	.0757	.0757	.1007	.2100
54	.300	.1047	.1047	.0757	.0757	.1007	.2100
55	.306	.1047	.1047	.0757	.0757	.1007	.2100
56	.311	.1047	.1047	.0757	.0757	.1007	.2100
57	.317	.1047	.1047	.0757	.0757	.1007	.2100
58	.322	.1047	.1047	.0757	.0757	.1007	.2100
59	.328	.1047	.1047	.0757	.0757	.1007	.2100
60	.333	.1047	.1047	.0757	.0757	.1007	.2100

DATE = 8/11/93		RV = 1	RECNO = 01			
HOUR = 6		SIG.MCL = 42.5	UPPER MCL = 46.8			
TOTAL OF 1417		CONF. VAR. = 113.1	LOWER MCL = 36.7			
		NOISE LEVEL = 10.0	WIND SPEED = 39			
N	THAL-F1-2	FILED	LESS NOISE	CORR-F1-2	UPPER	LOWER
0	.0000	.0477	.0473	.0467	1.3307	.3923
1	.0008	.10104	.10108	.9398	.17318	.5983
2	.011	.12780	.12789	1.0059	1.0059	.7678
3	.011	.10108	.10108	.9398	1.1767	.5070
4	.0022	.0312	.0312	.8502	.8502	.5478
5	.0018	.10203	.10203	.9359	.9359	.5818
6	.033	.0555	.0555	.5745	.9052	.5784
7	.0000	.0207	.0207	.8697	.8697	.6957
8	.044	.0678	.0678	.8058	.8057	.5977
9	.050	2.2440	2.2486	2.1756	2.1447	6.5057
10	.0108	.04159	.04159	1.0	1.0	1.0
11	.041	19.9940	19.9940	19.9940	18.2010	30.4490
12	.007	1.17487	1.1777	1.1777	1.1802	1.1730
13	.078	.02077	.02077	.93379	.93743	17.2782
14	.078	9.5109	9.5109	9.4549	8.2116	12.0267
15	.078	9.2424	9.2532	9.2532	9.1952	12.0267
16	.080	6.0804	6.0804	5.9894	6.3808	11.7382
17	.094	.04731	.04731	4.7148	4.8271	8.8717
18	.100	2.8804	2.8804	2.8804	2.9708	1.8015
19	.100	2.8804	2.8804	2.8804	2.9708	1.8015
20	.111	2.0249	2.0249	1.9539	2.0304	4.8225
21	.117	1.2541	1.2541	1.0031	1.0039	3.5036
22	.122	1.8962	1.8962	1.8230	2.1700	4.2161
23	.128	1.3631	1.3631	1.4923	1.8225	3.3592
24	.130	1.0087	1.0087	1.0087	1.2304	2.3533
25	.139	1.1111	1.1111	1.0401	1.0363	3.0159
26	.144	.0389	.0389	.0389	1.508	2.5135
27	.130	.0211	.0211	.0211	1.0031	.0031
28	.158	.3863	.3863	.3133	.3868	1.0025
29	.160	.2558	.2558	.1846	.2558	.3884
30	.167	.2824	.2824	.1914	.2555	.7659
31	.172	.2629	.2629	.1819	.2555	.7659
32	.178	.2392	.2392	.1882	.2392	.7601
33	.183	.2122	.2122	.2012	.2120	1.0081
34	.183	.2122	.2122	.2012	.2121	.783
35	.194	.1590	.1590	.0880	.2817	.5192
36	.187	.0807	.0807	.0807	.2831	.5192
37	.200	.1253	.1253	.0543	.2087	.3610
38	.217	.1292	.1292	.0582	.2087	.3610
39	.217	.1200	.1200	.0400	.2243	.4135
40	.222	.0840	.0840	.0130	.0859	.1024
41	.224	.1615	.1615	.0089	.2447	.5918
42	.233	.0824	.0839	.0129	.0781	.1458
43	.233	.0921	.0921	.0237	.1451	.1458
44	.244	.1190	.1121	.0411	.3120	.0790
45	.250	.0474	.0474	.0474	.3120	.0790
46	.256	.1004	.1045	.0335	.3184	.5835
47	.261	.0844	.0924	.0214	.2259	.1814
48	.261	.0512	.0582	.0282	.3483	.3483
49	.272	.1091	.1049	.0340	.4958	.8366
50	.282	.0807	.0807	.0807	.3264	.5835
51	.283	.1125	.1089	.0379	.0484	1.1913
52	.289	.1446	.1598	.0598	.2810	.7801
53	.294	.1031	.1055	.0345	.7588	1.3087
54	.300	.0570	.0691	.0000	.0000	.0000
55	.306	.0853	.0862	.0000	.0000

DATE = 8/11/99		Av. Tr.		10-1		RECORD		DL 92	
HOUR = 12		SIG. MG.		38.7		UPPER MG. =		41.2	
TOTAL OF 102		CORR. WAVE =		84.3		LOWER MG. =		32.8	
		HSG. LEVEL =		0.4		WIND SPEED =		NO	
N	FRE.	UNIT#1 ST	FILTERED	LESS NOISE	CORR. F1	UPPER	LOWER		
0	000	-4378	-4138	-3907	-3597	-6815	-7354		
1	006	-3859	-3653	-3179	-2845	-5298	-5788		
2	011	-4931	-4731	-4451	-4141	-7189	-7637		
3	017	-4089	-3899	-3609	-3275	-6101	-6591		
4	022	-3467	-3267	-2937	-2603	-5175	-5623		
5	028	-3282	-3082	-2752	-2418	-4740	-5188		
6	033	-2701	-2501	-2221	-1887	-3848	-4296		
7	039	-2519	-2319	-2039	-1705	-3489	-3937		
8	044	-2969	-2769	-2489	-2155	-4240	-4688		
9	050	-1428	-1228	-1158	-1287	-2362	-2810		
10	053	-3033	-2833	-2553	-2219	-4120	-4568		
11	061	-14378	-14178	-14128	-13768	-17761	-19847		
12	067	-15495	-15435	-15435	-15404	-29176	-30782		
13	072	-11231	-11131	-11131	-11131	-17178	-18444		
14	078	-4204	-4204	-4154	-4010	-7020	-7562		
15	083	-24357	-24357	-24357	-24357	-39177	-41881		
16	089	-35915	-35915	-35915	-35915	-56445	-61341		
17	094	-31273	-31273	-31273	-31273	-47415	-50919		
18	100	-22828	-22828	-22348	-22688	-34891	-37391		
19	106	-7702	-7702	-7311	-6831	-11500	-12406		
20	112	-5596	-5596	-5116	-4729	-8159	-8806		
21	117	-6610	-6610	-6130	-5757	-11483	-12303		
22	122	-3381	-3381	-3181	-2981	-5107	-5407		
23	128	-4501	-4501	-4111	-3704	-6168	-6702		
24	134	-4544	-4544	-4154	-3740	-6186	-6737		
25	139	-3343	-3343	-2953	-2540	-4401	-4751		
26	144	-4346	-4346	-3956	-3548	-5497	-6032		
27	150	-7008	-7008	-6618	-6207	-9188	-9830		
28	156	-4044	-4044	-3654	-3255	-5450	-6002		
29	161	-3458	-3458	-3068	-2658	-4613	-5061		
30	167	-1886	-1886	-1496	-1208	-2418	-2867		
31	172	-1350	-1350	-1070	-870	-1736	-2122		
32	178	-1650	-1650	-1170	-940	-2340	-2836		
33	183	-1917	-1917	-1437	-1087	-2700	-3287		
34	189	-1700	-1700	-1220	-937	-2157	-2607		
35	194	-1302	-1302	-882	-631	-1659	-1975		
36	200	-1083	-1083	-603	-403	-1312	-1612		
37	206	-0911	-0911	-431	-242	-1042	-1266		
38	211	-1040	-1040	-560	-338	-1105	-1487		
39	217	-1212	-1212	-674	-412	-1312	-1684		
40	222	-1123	-1123	-683	-424	-1071	-1403		
41	228	-0944	-0944	-484	-282	-1042	-1266		
42	233	-0854	-0841	-431	-223	-908	-1416		
43	238	-0718	-0718	-423	-217	-807	-1254		
44	244	-0577	-0555	-305	-161	-676	-1065		
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SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 8/11/59		SV. 14		RECORD = DL 53			
HOUR = 15		SIG. HGT. = 22.5		UPPER HGT. = 26.7			
TOTAL OF 145		CORR. FAL. = 31.5		LOWER HGT. = 20.4			
		NOISE LEVEL = .0179		WIND SPEED = 35			
M	FRE.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.0788	.0788	.0587	.0587	.1092	.0374
1	.004	.1111	.1111	.0932	.0932	.1718	.0593
2	.011	.2090	.2090	.1911	.1911	.3523	.1217
3	.017	.2479	.2479	.2299	.2299	.4238	.1454
4	.022	.2513	.2513	.2334	.2334	.4589	.1689
5	.028	.0810	.0810	.0631	.0631	.1162	.0402
6	.033	.0889	.0889	.0710	.0710	.1230	.0421
7	.039	.0608	.0608	.0429	.0429	.1049	.0363
8	.044	.0180	.0180	.0001	.0002	.0002	.0001
9	.050	.1202	.1202	.1023	.1023	.1843	.0519
10	.056	2.5993	2.5993	2.5804	2.7429	5.0557	1.7485
11	.061	4.2023	4.2023	4.1844	4.3413	8.0016	2.7443
12	.067	3.3545	3.3545	3.3366	3.4224	6.3080	2.1792
13	.072	2.6625	2.6625	2.6446	2.7194	5.0012	1.7277
14	.078	2.7409	2.7409	2.7230	2.8184	5.1966	1.7866
15	.083	2.4327	2.4327	2.4148	2.5389	4.6796	1.6186
16	.089	1.5045	1.5045	1.4867	1.5608	2.9136	1.0055
17	.094	.7710	.7710	.7531	.8310	1.5317	.5291
18	.100	.8428	.8428	.8249	.8990	1.2306	.5976
19	.106	.9755	.9755	.9576	1.1504	2.0856	.7198
20	.111	.6736	.6736	.6557	.8052	1.4561	.5127
21	.117	.3891	.3891	.3712	.4718	.8740	.3029
22	.122	.3275	.3275	.3096	.4156	.7680	.2646
23	.128	.2931	.2931	.2752	.3642	.7156	.2472
24	.133	.2365	.2365	.2186	.3231	.5993	.2070
25	.139	.2087	.2087	.1908	.2971	.5476	.1892
26	.144	.2015	.2015	.1836	.3083	.5485	.1900
27	.150	.1636	.1636	.1457	.2585	.4745	.1606
28	.156	.1827	.1827	.1648	.3118	.5748	.1949
29	.161	.2119	.2119	.1940	.3646	.7459	.2577
30	.167	.1712	.1712	.1533	.3326	.6131	.2118
31	.172	.1109	.1109	.0930	.2144	.3854	.1387
32	.178	.0713	.0713	.0534	.1366	.2678	.0936
33	.183	.0845	.0845	.0666	.1102	.2700	.0910
34	.189	.0890	.0890	.0711	.1505	.2774	.0958
35	.194	.0641	.0641	.0462	.1331	.2451	.0800
36	.200	.0390	.0390	.0211	.1078	.1960	.0470
37	.206	.0300	.0300	.0121	.0461	.0849	.0293
38	.211	.0273	.0273	.0094	.0376	.0272	.0272
39	.217	.0261	.0261	.0082	.0375	.0493	.0239
40	.222	.0262	.0262	.0082	.0375	.0493	.0239
41	.228	.0339	.0339	.0152	.0843	.1354	.0537
42	.233	.0342	.0342	.0152	.1061	.1555	.0875
43	.239	.0375	.0375	.0203	.1195	.2253	.0882
44	.244	.0454	.0454	.0286	.1943	.3592	.1237
45	.250	.0491	.0491	.0319	.2359	.4348	.1502
46	.256	.0407	.0407	.0219	.2083	.3804	.1314
47	.261	.0247	.0247	.0106	.1116	.2037	.0711
48	.267	.0179	.0179	.0016	.0210	.0387	.0134
49	.272	.0154	.0154	.0000	.0000	.0000	.0000
50	.278	.0181	.0181	.0000	.0000	.0000	.0000
51	.283	.0143	.0143	.0000	.0000	.0000	.0000
52	.289	.0111	.0111	.0000	.0000	.0000	.0000
53	.294	.0143	.0143	.0000	.0000	.0000	.0000
54	.300	.0204	.0204	.0020	.0497	.0916	.0217
55	.306	.0275	.0275	.0046	.1311	.2416	.0534
56	.311	.0262	.0262	.0067	.2197	.4049	.1399
57	.317	.0246	.0246	.0056	.2128	.3902	.1358
58	.322	.0183	.0183	.0016	.0426	.0774	.0228
59	.328	.0102	.0102	.0000	.0000	.0000	.0000
60	.333	.0102	.0102	.0000	.0000	.0000	.0000

SPECTRA HINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 8/11/59		SV. 14		RECORD = DL 54			
HOUR = 21		SIG. HGT. = 25.0		UPPER HGT. = 21.5			
TOTAL OF 150		CORR. FAL. = 39.1		LOWER HGT. = 22.8			
		NOISE LEVEL = .0171		WIND SPEED = 35			
M	FRE.	UNIT-F1.2	FILTERED	LESS NOISE	CORR.F1.2	UPPER	LOWER
0	.000	.1923	.1923	.1752	.1752	.3229	.1114
1	.005	.3434	.3434	.3262	.3262	.6013	.2077
2	.011	.2147	.2147	.1975	.1975	.3727	.1291
3	.017	.2437	.2437	.2266	.2266	.4176	.1443
4	.022	.1472	.1472	.1301	.1301	.2708	.0882
5	.028	.1200	.1200	.1029	.1029	.2106	.0638
6	.033	.1005	.1005	.0834	.0834	.1741	.0536
7	.039	.1011	.1011	.0840	.0840	.1741	.0536
8	.044	.0974	.0974	.0803	.0803	.1762	.0509
9	.050	.1369	.1369	.1197	.1197	.2449	.0846
10	.056	.0791	.0791	.0620	.0620	.1282	.0454
11	.061	2.0750	2.0750	2.0516	2.1326	3.9351	1.3594
12	.067	4.0913	4.0913	4.0601	4.1950	7.7135	2.6447
13	.072	5.3914	5.3914	5.3743	5.5140	10.1432	3.5110
14	.078	4.5448	4.5448	4.5277	4.6861	8.6375	2.9719
15	.083	2.7104	2.7104	2.6933	2.8484	5.3355	1.8432
16	.089	1.6759	1.6759	1.6588	1.7638	3.2509	1.1231
17	.094	1.3894	1.3894	1.3723	1.5162	2.7608	.9861
18	.100	1.5258	1.5258	1.5087	1.7175	3.1855	1.0938
19	.106	1.3836	1.3836	1.3665	1.6132	2.9733	1.0272
20	.111	1.1193	1.1193	1.1021	1.3534	2.4946	.8418
21	.117	1.0762	1.0762	1.0591	1.3574	2.5020	.8463
22	.122	.8783	.8783	.8612	1.1036	2.1038	.7164
23	.128	.5595	.5595	.5433	.5913	1.3095	.4435
24	.133	.3492	.3492	.3321	.4438	.8102	.2844
25	.139	.2043	.2043	.1872	.2916	.5484	.1895
26	.144	.1465	.1465	.1294	.2285	.3787	.1308
27	.150	.1383	.1383	.1212	.2114	.3894	.1344
28	.156	.1410	.1410	.1239	.2382	.4320	.1516
29	.161	.1446	.1446	.1275	.2482	.4496	.1564
30	.167	.1489	.1489	.1318	.2591	.4666	.1606
31	.172	.1100	.1100	.0929	.2104	.4250	.1408
32	.178	.0802	.0802	.0631	.1586	.3225	.1010
33	.183	.0746	.0746	.0575	.1417	.2980	.0930
34	.189	.0685	.0685	.0514	.1245	.2672	.0829
35	.194	.0716	.0716	.0545	.1345	.3215	.1111
36	.200	.0708	.0708	.0537	.1345	.3215	.1111
37	.206	.0711	.0711	.0540	.1345	.3215	.1111
38	.211	.0693	.0693	.0522	.1345	.3215	.1111
39	.217	.0628	.0628	.0457	.1245	.3010	.1040
40	.222	.0388	.0388	.0216	.1089	.2608	.0844
41	.228	.0474	.0474	.0302	.1411	.2981	.1030
42	.233	.0367	.0367	.0196	.1213	.2477	.0839
43	.239	.0462	.0462	.0293	.1685	.3437	.1187
44	.244	.0294	.0294	.0121	.1192	.2197	.0759
45	.250	.0281	.0281	.0108	.1178	.2197	.0759
46	.256	.0282	.0281	.0105	.1178	.2197	.0759
47	.261	.0273	.0273	.0107	.1136	.2094	.0727
48	.267	.0285	.0285	.0116	.1172	.2249	.0784
49	.272	.0277	.0276	.0115	.1172	.2249	.0784
50	.278	.0276	.0276	.0114	.1172	.2249	.0784
51	.283	.0276	.0276	.0113	.1172	.2249	.0784
52	.289	.0276	.0276	.0113	.1172	.2249	.0784
53	.294	.0276	.0276	.0113	.1172	.2249	.0784
54	.300	.0276	.0276	.0113	.1172	.2249	.0784
55	.306	.0276	.0276	.0113	.1172	.2249	.0784
56	.311	.0276	.0276	.0113	.1172	.2249	.0784
57	.317	.0276	.0276	.0113	.1172	.2249	.0784
58	.322	.0276	.0276	.0113	.1172	.2249	.0784
59	.328	.0276	.0276	.0113	.1172	.2249	.0784
60	.333	.0276	.0276	.0113	.1172	.2249	.0784

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 9/11/59		Av. T = 9.3		RECORD = DL 55			
MOON = 0		SIG.HGT. = 24.9		UPPER HGT. = 27.3			
TOTAL OF 162		CORR. VAR. = 30.6		LOWER HGT. = 22.7			
		NOISE LEVEL = .0105		WIND SPEED = 40			
M	PRE.	UNIT=FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.1078	.1078	.0913	.0913	.1683	.0581
1	.004	.1846	.1846	.1481	.1481	.2729	.0943
2	.011	.2044	.2044	.1679	.1679	.3443	.1195
3	.017	.1437	.1437	.1142	.1142	.2713	.0937
4	.022	.1433	.1433	.1268	.1268	.2337	.0807
5	.018	.1193	.1193	.1027	.1027	.1893	.0654
6	.033	.0900	.0900	.0734	.1157	.2133	.0737
7	.035	.0699	.0699	.0533	.0708	.1305	.0451
8	.044	.0981	.0981	.0915	.0971	.1780	.0618
9	.030	.0580	.0580	.0415	.0460	.0649	.0293
10	.056	1.0235	1.0235	1.0069	1.0704	1.9729	.8818
11	.061	2.9718	2.9718	2.9551	3.0859	5.5505	1.9522
12	.067	3.2346	3.2346	3.2181	3.3908	6.0838	2.1017
13	.072	3.4853	3.4853	3.4688	3.6936	6.1616	2.1355
14	.078	3.9952	3.9952	3.9788	4.1179	7.5895	2.8220
15	.083	3.6936	3.6936	3.6771	3.8611	7.1258	2.6617
16	.088	3.0825	3.0825	3.0659	3.2800	6.0087	2.0758
17	.094	1.9418	1.9418	1.9253	2.1243	3.9154	1.3528
18	.100	1.2816	1.2816	1.2650	1.4401	2.6544	.9170
19	.105	1.5697	1.5697	1.5532	1.8336	3.3795	1.1675
20	.111	1.2153	1.2153	1.1988	1.4721	2.7136	.9376
21	.117	.8651	.8651	.8486	1.0876	2.0046	.6947
22	.122	.9240	.9240	.9075	1.2182	2.2453	.7757
23	.128	.6780	.6780	.6614	.9330	1.7156	.5841
24	.133	.4695	.4695	.4530	1.1736	1.2416	.4289
25	.139	.3980	.3980	.3814	.9713	1.0557	.3647
26	.144	.2731	.2731	.2566	.7614	.6881	.2701
27	.150	.1435	.1435	.1270	.5253	.4152	.1434
28	.156	.1415	.1415	.1250	.5365	.4306	.1506
29	.161	.1506	.1506	.1340	.5711	.4997	.1726
30	.167	.1178	.1178	.1013	.4805	.3220	.1289
31	.172	.1016	.1016	.0851	.4595	.3265	.1264
32	.178	.0873	.0873	.0708	.4182	.3628	.1135
33	.183	.0805	.0805	.0639	.3838	.3204	.1107
34	.188	.1012	.1012	.0846	.5495	.5598	.1589
35	.194	.1008	.1008	.0843	.5498	.5474	.1518
36	.200	.0642	.0642	.0477	.4064	.3086	.1059
37	.206	.0421	.0421	.0256	.2937	.1454	.0571
38	.211	.0354	.0354	.0189	.2787	.1451	.0501
39	.217	.0328	.0328	.0162	.0744	.1371	.0474
40	.222	.0416	.0416	.0251	.1086	.2133	.0806
41	.228	.0498	.0498	.0308	.1704	.3140	.1085
42	.233	.0421	.0421	.0257	.1096	.2162	.0862
43	.239	.0450	.0450	.0288	.1625	.3363	.1182
44	.244	.0331	.0331	.0185	.1400	.2581	.0891
45	.250	.0245	.0245	.0121	.1074	.1688	.0632
46	.255	.0302	.0302	.0120	.1130	.2002	.0719
47	.261	.0233	.0233	.0105	.1110	.1947	.0707
48	.267	.0199	.0199	.0047	.0580	.1073	.0397
49	.272	.0146	.0146	.0063	.0541	.0975	.0326
50	.278	.0187	.0187	.0016	.0242	.0345	.0154
51	.283	.0218	.0205	.0039	.0874	.1242	.0429
52	.289	.0196	.0197	.0031	.0400	.1123	.0380
53	.294	.0186	.0177	.0012	.0287	.0493	.0170
54	.300	.0129	.0141	.0000	.0000	.0000	.0000
55	.306	.0105	.0105	.0000	.0000	.0000	.0000
56	.311	.0154	.0146	.0000	.0000	.0000	.0000
57	.317	.0143	.0173	.0000	.0000	.0000	.0000
58	.322	.0172	.0172	.0027	.0308	.0267	.0136
59	.328	.0158	.0162	.0000	.0000	.0000	.0000
60	.333	.0157	.0158	.0000	.0000	.0000	.0000

SPECTRA WINDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 9/11/59		AV. T = 9.4		RECORD = DL 56			
MOON = 0		SIG. HGT. = 28.3		UPPER HGT. = 30.9			
TOTAL OF 167		CORR. VAR. = 50.0		LOWER HGT. = 25.9			
		NOISE LEVEL = .0211		WIND SPEED = 40			
M	PRE.	UNIT=FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.3360	.3360	.3149	.3149	.5804	.2005
1	.009	.5303	.5303	.5092	.5092	.9385	.3242
2	.011	.4444	.4444	.4233	.4233	.8002	.2695
3	.022	.2598	.2598	.2387	.2387	.5199	.1520
4	.028	.2440	.2440	.2228	.2228	.4407	.1448
5	.033	.2030	.2030	.1819	.1819	.3582	.1025
6	.039	.1241	.1241	.1030	.1030	.2320	.0871
7	.044	.1478	.1478	.1267	.1267	.2780	.0980
8	.050	.1789	.1789	.1577	.1577	.3486	.1101
9	.056	1.7463	1.7463	1.7252	1.8375	3.1891	1.1877
10	.061	4.7895	4.7895	4.7684	4.9472	9.1184	3.1501
11	.067	4.9628	4.9628	4.9417	5.0892	9.4801	3.2405
12	.072	4.4121	4.4121	4.3910	4.5091	8.0306	2.8688
13	.078	4.9506	4.9506	4.9295	5.1020	9.4037	3.2486
14	.083	3.7382	3.7382	3.7170	3.9081	7.2032	2.4884
15	.089	2.7548	2.7548	2.7337	2.9056	5.5589	1.8560
16	.094	2.8056	2.8056	2.7845	2.9520	5.2586	1.8160
17	.100	2.1307	2.1307	2.1096	2.4016	4.4284	1.5292
18	.106	1.5433	1.5433	1.5222	1.8041	3.3889	1.1142
19	.111	1.0543	1.0543	1.0332	1.2687	2.3385	.8070
20	.117	.7836	.7836	.7625	.9173	1.8013	.6223
21	.122	.7025	.7025	.6814	.8153	1.6869	.5828
22	.128	.6760	.6760	.6549	.7927	1.7025	.5682
23	.133	.5694	.5694	.5483	.6701	1.3272	.4485
24	.139	.3946	.3946	.3735	.4546	.6689	.3140
25	.144	.2443	.2443	.2232	.2806	.7015	.2424
26	.150	.1405	.1405	.1194	.1301	.4901	.1347
27	.156	.1866	.1866	.1655	.2152	.5812	.1752
28	.161	.2716	.2716	.2505	.2907	.9139	.2426
29	.167	.2435	.2435	.2224	.2633	.8005	.2101
30	.172	.2435	.2435	.2224	.2633	.8005	.2101
31	.178	.1469	.1469	.1258	.1366	.5935	.2016
32	.183	.1026	.1026	.0815	.0923	.4476	.1469
33	.188	.0825	.0825	.0614	.0722	.3878	.1340
34	.194	.0663	.0663	.0452	.0560	.3647	.1329
35	.200	.0781	.0781	.0570	.0678	.3355	.1221
36	.206	.0821	.0821	.0610	.0718	.4280	.1478
37	.211	.0837	.0837	.0626	.0734	.4774	.1649
38	.217	.0811	.0811	.0600	.0707	.4377	.1467
39	.222	.0647	.0647	.0436	.0544	.3819	.1268
40	.228	.0534	.0534	.0323	.0431	.3130	.1081
41	.233	.0660	.0660	.0449	.0557	.4310	.1489
42	.239	.0506	.0506	.0295	.0403	.3067	.1004
43	.244	.0333	.0333	.0180	.0288	.2244	.0715
44	.250	.0309	.0309	.0156	.0264	.2016	.0661
45	.255	.0321	.0321	.0168	.0276	.2170	.0724
46	.261	.0281	.0281	.0135	.0243	.1935	.0593
47	.267	.0240	.0240	.0102	.0210	.1671	.0504
48	.272	.0276	.0276	.0138	.0246	.1956	.0627
49	.278	.0210	.0210	.0076	.0184	.1524	.0474
50	.283	.0224	.0234	.0023	.0080	.0710	.0247
51	.289	.0181	.0181	.0000	.0000	.0000	.0000
52	.294	.0150	.0168	.0000	.0000	.0000	.0000
53	.300	.0215	.0202	.0000	.0000	.0000	.0000
54	.306	.0231	.0227	.0000	.0000	.0000	.0000
55	.311	.0208	.0222	.0001	.0036	.0056	.0027
56	.317	.0187	.0200	.0000	.0000	.0000	.0000
57	.322	.0275	.0254	.0043	.0153	.0352	.0127
58	.328	.0149	.0149	.0000	.0000	.0000	.0000
59	.333	.0149	.0149	.0000	.0000	.0000	.0000

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

SPECTRA MINOCASTING OCTOBER 29, 1982 DIGITIZED BY DAVIDSON LABORATORY

DATE = 9/11/59		AV. F =		RECORD =		DL 37	
HOUR = 12		SIG. MGT. =		UPPER MGT. =		22.8	
TOTAL OF 127		CORR. VAR. =		LOWER MGT. =		19.0	
		NOISE LEVEL =		WIND SPEED =		30	
M	FRE.	UNIT#1-2	FILTERED	LESS NOISE	CORR.FT-2	UPPER	LOWER
0	.000	.1748	.1748	.1572	.1572	.2896	.1001
1	.005	.2030	.2030	.1854	.1854	.3416	.1180
2	.010	.2312	.2312	.2136	.2136	.3936	.1359
3	.015	.2594	.2594	.2418	.2418	.4456	.1538
4	.020	.2876	.2876	.2700	.2700	.4976	.1717
5	.025	.3158	.3158	.2982	.2982	.5496	.1896
6	.030	.3440	.3440	.3264	.3264	.6016	.2075
7	.035	.3722	.3722	.3546	.3546	.6536	.2254
8	.040	.4004	.4004	.3828	.3828	.7056	.2433
9	.045	.4286	.4286	.4110	.4110	.7576	.2612
10	.050	.4568	.4568	.4392	.4392	.8096	.2791
11	.055	.4850	.4850	.4674	.4674	.8616	.2970
12	.060	.5132	.5132	.4956	.4956	.9136	.3149
13	.065	.5414	.5414	.5238	.5238	.9656	.3328
14	.070	.5696	.5696	.5520	.5520	.10176	.3507
15	.075	.5978	.5978	.5802	.5802	.10696	.3686
16	.080	.6260	.6260	.6084	.6084	.11216	.3865
17	.085	.6542	.6542	.6366	.6366	.11736	.4044
18	.090	.6824	.6824	.6648	.6648	.12256	.4223
19	.095	.7106	.7106	.6928	.6928	.12776	.4402
20	.100	.7388	.7388	.7210	.7210	.13296	.4581
21	.105	.7670	.7670	.7492	.7492	.13816	.4760
22	.110	.7952	.7952	.7774	.7774	.14336	.4939
23	.115	.8234	.8234	.8056	.8056	.14856	.5118
24	.120	.8516	.8516	.8338	.8338	.15376	.5297
25	.125	.8798	.8798	.8620	.8620	.15896	.5476
26	.130	.9080	.9080	.8902	.8902	.16416	.5655
27	.135	.9362	.9362	.9184	.9184	.16936	.5834
 

SPECTRA MINOCASTING OCTOBER 29, 1982 DIGITIZED BY DAVIDSON LABORATORY

DATE = 9/11/59		AV. F =		RECORD =		DL 38	
HOUR = 18		SIG. MGT. =		UPPER MGT. =		20.4	
TOTAL OF 160		CORR. VAR. =		LOWER MGT. =		17.0	
		NOISE LEVEL =		WIND SPEED =		25	
M	FRE.	UNIT#1-2	FILTERED	LESS NOISE	CORR.FT-2	UPPER	LOWER
0	.000	.0961	.0961	.0479	.0479	.0882	.0305
1	.005	.1001	.1001	.0519	.0519	.0922	.0345
2	.010	.1041	.1041	.0559	.0559	.0962	.0385
3	.015	.1081	.1081	.0599	.0599	.1002	.0425
4	.020	.1121	.1121	.0639	.0639	.1042	.0465
5	.025	.1161	.1161	.0679	.0679	.1082	.0505
6	.030	.1201	.1201	.0719	.0719	.1122	.0545
7	.035	.1241	.1241	.0759	.0759	.1162	.0585
8	.040	.1281	.1281	.0799	.0799	.1202	.0625
9	.045	.1321	.1321	.0839	.0839	.1242	.0665
10	.050	.1361	.1361	.0879	.0879	.1282	.0705
11	.055	.1401	.1401	.0919	.0919	.1322	.0745
12	.060	.1441	.1441	.0959	.0959	.1362	.0785
13	.065	.1481	.1481	.1000	.1000	.1402	.0825
14	.070	.1521	.1521	.1040	.1040	.1442	.0865
15	.075	.1561	.1561	.1080	.1080	.1482	.0905
16	.080	.1601	.1601	.1120	.1120	.1522	.0945
17	.085	.1641	.1641	.1160	.1160	.1562	.0985
18	.090	.1681	.1681	.1200	.1200	.1602	.1025
19	.095	.1721	.1721	.1240	.1240	.1642	.1065
20	.100	.1761	.1761	.1280	.1280	.1682	.1105
21	.105	.1801	.1801	.1320	.1320	.1722	.1145
22	.110	.1841	.1841	.1360	.1360	.1762	.1185
23	.115	.1881	.1881	.1400	.1400	.1802	.1225
24	.120	.1921	.1921	.1440	.1440	.1842	.1265
25	.125	.1961	.1961	.1480	.1480	.1882	.1305
26	.130	.2001	.2001	.1520	.1520	.1922	.1345
 

SPECTRA HANDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/11/59		SIG. HCF =		RECORD = 01 59			
HOUR = 0		CORR. VAR. = 20.5		UPPER HCF = 20.0			
TOTAL OF 136		NOISE LEVEL = .0077		LOWER HCF = 16.4			
				WIND SPEED = 10			
N	PER.	UNIT-FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.0871	.0871	.0794	.0794	.1446	.0500
1	.008	.1052	.1052	.0885	.0885	.1813	.027
2	.011	.1222	.1222	.1145	.1145	.2110	.0729
3	.017	.1608	.1608	.1511	.1511	.2679	.0940
4	.022	.1885	.1885	.1788	.1788	.3084	.1375
5	.028	.2258	.2258	.2061	.2061	.3640	.0293
6	.033	.2584	.2584	.2387	.2387	.4092	.0348
7	.034	.2611	.2611	.2414	.2414	.4226	.0216
8	.044	.3488	.3488	.3211	.3211	.5061	.0311
9	.050	.4087	.4087	.3810	.3810	.5793	.1138
10	.056	.4594	.4594	.4277	.4277	.6443	.2895
11	.061	.5371	.5371	.5294	.5294	.7024	.1807
12	.067	.6030	.6030	.5953	.5953	.7721	.4280
13	.072	.6705	.6705	.6628	.6628	.8456	.7792
14	.078	.7405	.7405	.7328	.7328	.9188	1.1884
15	.083	.8126	.8126	.8049	.8049	9.2030	1.7874
16	.089	.8870	.8870	.8793	.8793	5.2760	1.8790
17	.094	.9646	.9646	.9569	.9569	3.5440	1.3828
18	.100	.1046	.1046	.1017	.1017	1.4784	.6823
19	.108	.1118	.1118	.1089	.1089	1.6363	.1797
20	.111	.1108	.1108	.1079	.1079	1.3388	.3934
21	.117	.1196	.1196	.1167	.1167	.4731	.3167
22	.122	.1286	.1286	.1257	.1257	.4791	.2401
23	.128	.1385	.1385	.1356	.1356	.5520	.2252
24	.133	.1472	.1472	.1443	.1443	.6087	.3170
25	.139	.1569	.1569	.1540	.1540	.6864	.3697
26	.144	.1697	.1697	.1668	.1668	.7492	.1721
27	.150	.1809	.1809	.1780	.1780	.8115	.0930
28	.156	.1914	.1914	.1885	.1885	.8730	.0885
29	.161	.2024	.2024	.1995	.1995	.9347	.0761
30	.167	.2141	.2141	.2112	.2112	.9964	.0718
31	.172	.2255	.2255	.2226	.2226	1.0581	.0709
32	.178	.2371	.2371	.2342	.2342	1.1198	.0694
33	.183	.2486	.2486	.2457	.2457	1.1815	.0369
34	.189	.2609	.2609	.2580	.2580	1.2432	.0316
35	.194	.2734	.2734	.2705	.2705	1.3049	.0483
36	.200	.2861	.2861	.2832	.2832	1.3666	.0440
37	.206	.2994	.2994	.2965	.2965	1.4283	.0277
38	.211	.3128	.3128	.3099	.3099	1.4899	.0114
39	.217	.3263	.3263	.3234	.3234	1.5516	.0287
40	.222	.3403	.3403	.3374	.3374	1.6133	.0274
41	.228	.3548	.3548	.3519	.3519	1.6750	.0245
42	.233	.3693	.3693	.3664	.3664	1.7367	.0216
43	.239	.3843	.3843	.3814	.3814	1.7984	.0282
44	.244	.3998	.3998	.3969	.3969	1.8601	.0300
45	.250	.4158	.4158	.4129	.4129	1.9218	.0334
46	.256	.4323	.4323	.4294	.4294	1.9835	.0368
47	.261	.4493	.4493	.4464	.4464	2.0452	.0383
48	.267	.4668	.4668	.4639	.4639	2.1069	.0440
49	.272	.4848	.4848	.4819	.4819	2.1686	.0418
50	.278	.5033	.5033	.5004	.5004	2.2303	.0385
51	.283	.5223	.5223	.5194	.5194	2.2920	.0353
52	.289	.5418	.5418	.5389	.5389	2.3537	.0300
53	.294	.5618	.5618	.5589	.5589	2.4154	.0200
54	.300	.5823	.5823	.5794	.5794	2.4771	.0100
55	.306	.6033	.6033	.6004	.6004	2.5388	.0000
56	.311	.6248	.6248	.6219	.6219	2.6005	.0000
57	.317	.6468	.6468	.6439	.6439	2.6622	.0000
58	.322	.6693	.6693	.6664	.6664	2.7239	.0000
59	.328	.6923	.6923	.6894	.6894	2.7856	.0000
60	.333	.7158	.7158	.7129	.7129	2.8473	.0000

DATE = 10/11/59
HOUR = 0
TOTAL OF 136
SIG. HCF = 0
CORR. VAR. = 20.5
NOISE LEVEL = .0077
RECORD = 01 59
UPPER HCF = 20.0
LOWER HCF = 16.4
WIND SPEED = 10

SPECTRA HANDCASTING OCTOBER 29, 1962 DIGITIZED BY DAVIDSON LABORATORY

DATE = 10/11/59		Av. Fc = 9.3		RECORD =		UL AD	
HOUR = 0		SIG. HCF = 17.6		UPPER HCF = 19.3		19.3	
TOTAL OF 159		CORR. VAR. = 20.5		LOWER HCF = 16.4		16.4	
		NOISE LEVEL = .0077		WIND SPEED =		15	
N	PER.	UNIT-FT.2	FILTERED	LESS NOISE	CORR.FT.2	UPPER	LOWER
0	.000	.0586	.0586	.0511	.0511	.0942	.0325
1	.006	.0784	.0784	.0709	.0709	.1438	.0890
2	.011	.1011	.1011	.0936	.0936	.2019	.0807
3	.017	.1249	.1249	.1174	.1174	.2594	.0862
4	.022	.1499	.1499	.1424	.1424	.3174	.0716
5	.028	.1754	.1754	.1679	.1679	.3754	.0434
6	.033	.2017	.2017	.2042	.2038	.4342	.0464
7	.039	.2284	.2284	.2307	.2307	.4927	.0272
8	.044	.2557	.2557	.2586	.2586	.5509	.0203
9	.050	.2834	.2834	.2863	.2863	.6089	.0515
10	.056	.3114	.3114	.3143	.3143	.6669	.1472
11	.061	.3397	.3397	.3426	.3426	.7249	.4238
12	.067	.3684	.3684	.3713	.3713	.7829	.7630
13	.072	.3974	.3974	.4003	.4003	.8409	1.4012
14	.078	.4264	.4264	.4293	.4293	.8989	1.3878
15	.083	.4557	.4557	.4586	.4586	.9569	1.1281
16	.089	.4854	.4854	.4883	.4883	1.0149	.8930
17	.094	.5154	.5154	.5183	.5183	1.0729	.8269
18	.100	.5454	.5454	.5483	.5483	1.1309	.7827
19	.106	.5754	.5754	.5783	.5783	1.1889	.7177
20	.111	.6054	.6054	.6083	.6083	1.2469	.5091
21	.117	.6354	.6354	.6383	.6383	1.3049	.4226
22	.122	.6654	.6654	.6683	.6683	1.3629	.2495
23	.128	.6954	.6954	.6983	.6983	1.4209	.1768
24	.133	.7254	.7254	.7283	.7283	1.4789	.1813
25	.139	.7554	.7554	.7583	.7583	1.5369	.1547
26	.144	.7854	.7854	.7883	.7883	1.5949	.0995
27	.150	.8154	.8154	.8183	.8183	1.6529	.0749
28	.156	.8454	.8454	.8483	.8483	1.7109	.0810
29	.161	.8754	.8754	.8783	.8783	1.7689	.0889
30	.167	.9054	.9054	.9083	.9083	1.8269	.0775
31	.172	.9354	.9354	.9383	.9383	1.8849	.0561
32	.178	.9654	.9654	.9683	.9683	1.9429	.0538
33	.183	.9954	.9954	.9983	.9983	2.0009	.0505
34	.189	.1028	.1028	.1057	.1057	2.0589	.0479
35	.194	.1143	.1143	.1172	.1172	2.1169	.0451
36	.200	.1268	.1268	.1297	.1297	2.1749	.0423
37	.206	.1393	.1393	.1422	.1422	2.2329	.0395
38	.211	.1518	.1518	.1547	.1547	2.2909	.0367
39	.217	.1643	.1643	.1672	.1672	2.3489	.0339
40	.222	.1768	.1768	.1797	.1797	2.4069	.0311
41	.228	.1893	.1893	.1922	.1922	2.4649	.0283
42	.233	.2018	.2018	.2047	.2047	2.5229	.0255
43	.239	.2143	.2143	.2172	.2172	2.5809	.0227
44	.244	.2268	.2268	.2297	.2297	2.6389	.0199
45	.250	.2393	.2393	.2422	.2422	2.6969	.0171
46	.256	.2518	.2518	.2547	.2547	2.7549	.0143
47	.261	.2643	.2643	.2672	.2672	2.8129	.0115
48	.267	.2768	.2768	.2797	.2797	2.8709	.0087
49	.272	.2893	.2893	.2922	.2922	2.9289	.0059
50	.278	.3018	.3018	.3047	.3047	2.9869	.0031
51	.283	.3143	.3143	.3172	.3172	3.0449	.0003
52	.289	.3268	.3268	.3297	.3297	3.1029	.0000
53	.294	.3393	.3393	.3422	.3422	3.1609	.0000
54	.300	.3518	.3518	.3547	.3547	3.2189	.0000
55	.306	.3643	.3643	.3672	.3672	3.2769	.0000
56	.311	.3768	.3768	.3797	.3797	3.3349	.0000
57	.317	.3893	.3893	.3922	.3922	3.3929	.0000
58	.322	.4018	.4018	.4047	.4047	3.4509	.0000
59	.328	.4143	.4143	.4172	.4172	3.5089	.0000
60	.333	.4268	.4268	.4297	.4297	3.5669	.0000

DATE = 10/11/59
HOUR = 0
TOTAL OF 159
SIG. HCF = 0
CORR. VAR. = 20.5
NOISE LEVEL = .0077
RECORD = 01 59
UPPER HCF = 20.0
LOWER HCF = 16.4
WIND SPEED = 10