ISEE-3

ISEE-3 PLASMA WAVE E&B FLD G-Z ENCTR

78-079A-07D

This data set catalog consists of three tapes. The tapes are 6250 BPI, 9-track, multifiled, ASCII, and created on the 11/780.

The D and C numbers, timespan, and number of files are as follows:

D#	C#	FILES	TIME SPANS
088192	032952	41	09/10/85 - 09/10/85
088193	032953	92	09/11/85 - 09/12/85
088194	032954	102	09/13/85 - 09/14/85

ISEE-3

ISEE-3 PLASMA WAVE E&B FLD G-Z ENCTR

78-079A-07D

This data set catalog consists of three tapes. The tapes are 6250 BPI, 9-track, multifiled, ASCII, and created on the 11/780.

The D and C numbers, timespan, and number of files are as follows:

D#	C#	FILES	TIME SPANS
088192	032952	41	09/10/85 - 09/10/85
088193	032953	92	09/11/85 - 09/12/85
088194	032954	102	09/13/85 - 09/14/85

78-079A-07D

PLASMA WAVE EXPERIMENT DATA FROM ICE (ISEE-3) FOR THE GIACOBINI-ZINNER COMET ENCOUNTER

This data set contains calibrated 16-channel wave electric field data and 8-channel wave magnetic field data from the Plasma Wave Experiment on ISEE-3 for the Giacobini-Zinner comet encounter period. Details of the instrument are given in "The ISEE-C Plasma Wave Investigation," Scarf, F.L., Fredericks, R.W., Gurnett, D.A., and Smith, E.J., IEEE Transactions on Geoscience Electronics, v. GE-16, No. 3, July 1978, pp. 191-195.

SOURCE: Ms. Sandy Chang
Bldg. R-1/1170
TRW Space & Technology Group
One Space Park
Redondo Beach, CA 90278
TRWSSD::CHANG
(213)-812-0074

PRINCIPAL INVESTIGATOR: Mr. E. W. Greenstadt
TRW Systems Group
Bldg. R-1/1176
One Space Park
Redondo Beach, CA 90278
TRWSSD::GREENSTADT
(213)-812-0071

TIME SPAN: 10Sep85-14Sep85

QUANTITY: 3 tapes

TAPE MEDIUM AND DENSITY: 9-track, 6250 bpi

TAPE FORMAT: ASCII, ANSI Standard labeled tapes

TAPE LABELS: ICEGZ1 (data for Sept. 10, 1985);
ICEGZ2 (data for Sept. 11 & 12, 1985);
ICEGZ3 (data for Sept. 13 & 14, 1985).

TAPE BLOCK SIZE: 2048 bytes

DATA FORMAT: See attachment

File names have the following format:

PEyymmddhh.# or PByymmddhh.#

where:

P: signifies processed data
E or B: signifies E-field or B-field data respectively
yy: indicates the year (85 for 1985)
mm: indicates the month number (09 for September)
dd: indicates the day of month
hh: indicates the starting hour of data in file
: indicates the file number in sequence

Example: PB85091017.19 is file containing magnetic field data for (part or all of) hour 17 on 1985-Sep-10.

(Note: a given file may contain data for more than one hour; alternately, data for a given hour may be distributed in more than one file; precise timing information is contained in the data records within the files).

Data in ASCII format for the period September 10-14, 1985, are on three ANSI labeled tapes (labels: ICEGZ1, ICEGZ2, ICEGZ3); hence each data file has a header file and a trailer file associated with it. To restore all the files from tape to disk on a VAX, do the following:

```
$ ALLOCATE  <device_name>:
$ MOUNT  <device_name>:  <tape_label>
$ COPY  <device_name>:*.*  *.*
```

==========

Tape label = ICEGZ1

(E- and B-field data for September 10, 1985)

Data file name	Data file size in VAX blocks (1 VAX block = 512 bytes)	Data file size in tape blocks (1 tape block = 2048 bytes)
PB85090923.1;1	1459	381
PB85091000.2;1	791	207
PB85091001.3;1	869	227
PB85091002.4;1	851	222
PB85091004.5;1	864	226
PB85091005.6;1	798	209
PB85091006.7;1	794	207
PB85091007.8;1	165	43
PB85091008.9;1	706	184
PB85091009.10;1	190	50
PB85091010.11;1	1709	446
PB85091012.12;1	96	26

PB85091012.13;1	692	181
PB85091012.14;1	866	226
PB85091013.15;1	858	224
PB85091014.16;1	839	219
PB85091015.17;1	865	226
PB85091016.18;1	861	225
PB85091017.19;1	860	225
PB85091018.20;1	866	226
PB85091019.21;1	1897	495
PB85091021.22;1	3101	809
PE85090923.1;1	2716	705
PE85091000.2;1	1471	382
PE85091001.3;1	1616	419
PE85091002.4;1	1583	411
PE85091004.5;1	1607	417
PE85091005.6;1	1484	385
PE85091006.7;1	1477	383
PE85091007.8;1	307	80
PE85091008.9;1	1313	341
PE85091009.10;1	352	92
PE85091010.11;1	3180	825
PE85091012.12;1	179	47
PE85091012.13;1	1287	334
PE85091012.14;1	1611	418
PE85091013.15;1	1596	414
PE85091014.16;1	1561	405
PE85091015.17;1	1610	418
PE85091016.18;1	1602	416
PE85091017.19;1	1601	415
PE85091018.20;1	1611	418
PE85091019.21;1	3529	915
PE85091021.22;1	5771	1497

Total of 44 files, 60061 VAX blocks.

Tape label = ICEGZ2

(E- and B-field data for September 11 & 12, 1985)

Data file name	Data file size in VAX blocks (1 VAX block = 512 bytes)	Data file size in tape blocks (1 tape block = 2048 bytes)
PB85091100.24;1	850	222
PB85091101.25;1	858	224
PB85091102.26;1	852	222
PB85091103.27;1	853	223
PB85091104.28;1	858	224
PB85091105.29;1	848	222
PB85091106.30;1	858	224
PB85091107.31;1	170	45
PB85091108.33;1	743	194
PB85091108.34;1	728	190
PB85091109.36;1	1886	492

PB85091111.38;1	829	217
PB85091112.39;1	91	24
PB85091113.40;1	759	198
PB85091113.41;1	857	224
PB85091114.42;1	862	225
PB85091115.43;1	860	225
PB85091116.44;1	860	225
PB85091117.45;1	843	220
PB85091118.47;1	1573	411
PB85091120.48;1	1107	289
PB85091122.49;1	1412	369
PB85091123.50;1	1021	267
PB85091200.52;1	855	223
PB85091201.53;1	866	226
PB85091202.54;1	863	226
PB85091203.55;1	851	222
PB85091204.56;1	891	233
PB85091205.57;1	832	218
PB85091206.58;1	862	225
PB85091207.59;1	855	223
PB85091208.60;1	895	234
PB85091209.61;1	798	209
PB85091210.62;1	855	223
PB85091211.63;2	132	35
PB85091212.64;1	788	206
PB85091213.65;1	780	204
PB85091213.66;1	849	222
PB85091214.67;1	866	226
PB85091215.68;1	854	223
PB85091216.69;1	856	224
PB85091217.70;1	550	144
PB85091218.71;1	130	34
PB85091218.72;2	48	13
PB85091219.73;1	1801	470
PB85091223.75;1	733	192
PE85091100.24;1	1582	411
PE85091101.25;1	1596	414
PE85091102.26;1	1584	411
PE85091103.27;1	1587	412
PE85091104.28;1	1596	414
PE85091105.29;1	1577	409
PE85091106.30;1	1596	414
PE85091107.31;1	316	82
PE85091108.33;1	1382	359
PE85091108.34;1	1354	352
PE85091109.36;1	3510	910
PE85091111.38;1	1543	400
PE85091112.39;1	168	44
PE85091113.40;1	1412	367
PE85091113.41;1	1595	414
PE85091114.42;1	1604	416
PE85091115.43;1	1600	415
PE85091116.44;1	1600	415
PE85091117.45;1	1569	407
PE85091118.47;1	2927	759
PE85091120.48;1	2061	535
PE85091122.49;1	2628	682
PE85091123.50;1	1900	493
PE85091200.52;1	1591	413
PE85091201.53;1	1611	418

PE85091202.54;1	1606	417
PE85091203.55;1	1583	411
PE85091204.56;1	1657	430
PE85091205.57;1	1549	402
PE85091206.58;1	1603	416
PE85091207.59;1	1591	413
PE85091208.60;1	1664	432
PE85091209.61;1	1485	385
PE85091210.62;1	1590	413
PE85091211.63;1	245	64
PE85091212.64;1	1466	380
PE85091213.65;1	1450	376
PE85091213.66;1	1580	410
PE85091214.67;1	1611	418
PE85091215.68;1	1590	412
PE85091216.69;1	1593	413
PE85091217.70;1	1023	266
PE85091218.71;1	242	63
PE85091218.72;2	88	23
PE85091219.73;1	3352	870
PE85091223.75;1	1364	354

Total of 92 files, 109809 VAX blocks.

Tape label = ICEGZ3

(E- and B-field data for September 13 & 14, 1985)

Data file name	Data file size in VAX blocks (1 VAX block = 512 bytes)	Data file size in tape blocks (1 tape block = 2048 bytes)
PB85091300.76;1	128	34
PB85091301.77;1	392	103
PB85091301.78;1	429	112
PB85091302.79;1	436	114
PB85091303.80;1	428	112
PB85091304.81;1	420	110
PB85091305.82;1	315	82
PB85091306.83;1	130	34
PB85091307.84;1	345	90
PB85091307.85;1	391	102
PB85091308.86;1	370	97
PB85091309.88;1	106	28
PB85091310.90;1	830	217
PB85091311.91;1	413	108
PB85091312.92;1	100	27
PB85091313.93;1	361	95
PB85091313.94;1	431	113
PB85091314.95;1	417	109
PB85091315.96;1	432	113
PB85091316.97;1	427	112
PB85091317.98;1	424	111

PB85091318.99;1	467	122
PB85091320.100;1	342	90
PB85091320.101;1	457	119
PB85091321.102;1	422	110
PB85091322.103;1	399	104
PB85091323.104;1	273	72
PB85091400.105;1	219	57
PB85091400.106;1	430	112
PB85091401.107;1	425	111
PB85091402.108;1	60	16
PB85091403.109;1	431	113
PB85091404.110;1	360	94
PB85091404.111;1	441	115
PB85091405.112;1	412	108
PB85091406.113;1	427	112
PB85091407.114;1	429	112
PB85091408.115;1	464	121
PB85091409.116;1	390	102
PB85091410.118;1	433	113
PB85091411.120;1	196	52
PB85091412.121;1	310	81
PB85091412.122;1	136	36
PB85091413.123;1	356	93
PB85091413.124;1	417	109
PB85091414.125;1	588	154
PB85091415.126;1	458	120
PB85091416.127;1	408	107
PB85091417.128;1	496	130
PB85091419.129;1	210	55
PB85091419.130;1	393	103
PE85091300.76;1	238	62
PE85091301.77;1	729	189
PE85091301.78;1	798	207
PE85091302.79;1	811	211
PE85091303.80;1	795	206
PE85091304.81;1	781	203
PE85091305.82;1	585	152
PE85091306.83;1	241	63
PE85091307.84;1	641	166
PE85091307.85;1	727	189
PE85091308.86;1	687	178
PE85091309.88;1	195	51
PE85091310.90;1	1545	401
PE85091311.91;1	768	199
PE85091312.92;1	186	49
PE85091313.93;1	671	174
PE85091313.94;1	802	208
PE85091314.95;1	775	201
PE85091315.96;1	802	208
PE85091316.97;1	794	206
PE85091317.98;1	789	205
PE85091318.99;1	868	225
PE85091320.100;1	636	165
PE85091320.101;1	849	221
PE85091321.102;1	784	204
PE85091322.103;1	741	192
PE85091323.104;1	508	132
PE85091400.105;1	406	106
PE85091400.106;1	799	208
PE85091401.107;1	791	205

PE85091402.108;1	112	29
PE85091403.109;1	801	208
PE85091404.110;1	670	174
PE85091404.111;1	820	213
PE85091405.112;1	766	199
PE85091406.113;1	793	206
PE85091407.114;1	798	207
PE85091408.115;1	863	224
PE85091409.116;1	725	188
PE85091410.118;1	805	209
PE85091411.120;1	364	95
PE85091412.121;1	576	150
PE85091412.122;1	253	66
PE85091413.123;1	662	172
PE85091413.124;1	775	201
PE85091414.125;1	1094	284
PE85091415.126;1	851	221
PE85091416.127;1	759	197
PE85091417.128;1	923	240
PE85091419.129;1	389	101
PE85091419.130;1	730	190

Total of 102 files, 54245 blocks.

ICE Plasma Wave Archive Data Format

E - channel data file

Header - two lines:

Year and Julian day number (Jan 1 = Day 1)

File starting time (in milliseconds from the start of the day and in hh:mm:ss.ss) and file ending time (in the same format)

Subheader - one line (flagged by a " -99 " at the beginning of the line) :

Bit rate (values : 1 = 1 second data samples, 2 = 0.5 second, 3 = 2 second, 4 = 8 second) and antenna modes (values : 1 = u, 2 = v, 0 = bad) separated by commas. Note that subheaders may not always be followed by data. If there was bad header data, the frame was zeroed out.

Data - Time in milliseconds, calibrated 16 channel data (in order of lowest to highest frequency. Values : 17.8, 31.6, 56.2, 100, 178, 316, 562, 1000, 1780, 3160, 5620, 10000, 17800, 31600, 56200, 100000 Hz)

in units of Volts / (meter - $Hz^{1/2}$)

B - channel data file

Header - two lines :

Year and Julian day number (Jan. 1 = Day 1)

File starting and ending time (in same format as E - channel)

Subheader - one line (flagged by a " -99 " at the beginning of the line) :

Four calibration flags (ignore, only used for processing the data into archive format), bit rate (same as for E), antenna modes (same as for E)

Data - Time in milliseconds, calibrated 8 channel data (in order of lowest to highest frequency. Values : 17.8, 31.6, 56.2, 100, 178, 316, 562, 1000 Hz). Notice that the lines are padded with zeroes. We only get one B sample at a time.

Units : nT / (~~meter~~ $Hz^{1/2}$)

```
1985 DAY 254
TIME      43156471   11:59:16.47 TO      46613916 12:56:53.92
-99,     0,    0,    0,    0, 1,1,1,1,1
     43156472,0.0000E+00,0.0000E+00,0.0000E+00,0.1140E-04,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43157468,0.0000E+00,0.0000E+00,0.0000E+00,0.1140E-04,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43158468,0.0000E+00,0.0000E+00,0.0000E+00,0.1140E-04,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43159468,0.0000E+00,0.0000E+00,0.6870E-05,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43160468,0.0000E+00,0.0000E+00,0.6870E-05,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43161468,0.0000E+00,0.0000E+00,0.6870E-05,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43162468,0.0000E+00,0.0000E+00,0.6870E-05,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43163468,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43164468,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43165464,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43166464,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43167464,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43168464,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43169464,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43170464,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
-99,     5,  124,  159,  249, 1,1,1,1,1
     43171464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.3822E-04
     43172464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.3139E-04
     43173464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.3139E-04
     43174464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.3396E-04
     43175464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.2793E-04,0.0000E+00
     43176460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.2716E-02,0.0000E+00
     43177460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.2685E-04,0.0000E+00
     43178460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.3021E-04,0.0000E+00
     43179460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.3399E-04,0.0000E+00,0.0000E+00
     43180460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.3833E-04,0.0000E+00,0.0000E+00
     43181460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.3538E-04,0.0000E+00,0.0000E+00
     43182460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.3683E-04,0.0000E+00,0.0000E+00
     43183460,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.1729E-02,0.0000E+00,0.0000E+00,0.0000E+00
```

File:

PB8509 1111.38

Sample B-channel data

File:
PE 85091111.38

Sample E-channel data

```
1985 DAY 254
TIME      43156471   11:59:16.47 TO      46613916 12:56:53.92
-99, 1, 1, 1, 1, 1
     43156472,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43157468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43158468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43159468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43160468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43161468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43162468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43163468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43164468,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43165464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43166464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43167464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43168464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43169464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
     43170464,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,
              0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
-99, 1, 1, 1, 1, 1
     43171464,0.1781E-04,0.6684E-05,0.5382E-05,0.9255E-05,0.8934E-05,0.6357E-05,
              0.3411E-05,0.6455E-05,0.5602E-04,0.1720E-04,0.1119E-05,0.3818E-07,
              0.3736E-07,0.1200E-07,0.3256E-08,0.2527E-08
     43172464,0.1240E-04,0.2637E-05,0.5484E-06,0.1056E-05,0.5177E-06,0.5628E-06,
              0.1007E-05,0.1510E-05,0.3239E-04,0.1308E-04,0.6665E-06,0.2583E-07,
              0.8521E-08,0.4832E-08,0.2575E-08,0.2431E-08
     43173464,0.6066E-04,0.3737E-05,0.1821E-05,0.3916E-05,0.3457E-05,0.1782E-05,
              0.5801E-06,0.3069E-05,0.4402E-05,0.1644E-05,0.1024E-06,0.1329E-07,
              0.5948E-08,0.4124E-08,0.2477E-08,0.2527E-08
     43174464,0.3415E-04,0.7222E-05,0.2787E-05,0.3463E-05,0.2727E-05,0.2008E-05,
              0.1145E-04,0.1786E-04,0.1041E-04,0.2248E-05,0.1652E-06,0.1382E-07,
```

D088194
9/13/85 - 9/14/85

ASCII LIST OF LIZ-3

FILE 1 RECORD 1 80 BYTES

VOL1ICEGZ3

ASCII LIST OF LIZ-3

FILE 1 RECORD 2 80 BYTES

9/13/85

HDR1PB85091300.76 ICEGZ300010001000100 90081 00000 000000DECFILE11A

FILE 2 RECORD 1 2048 BYTES

0017 1985 DAY 2560064 TIME 2582954 0:43: 2.95 TO 3656470 1: 0:56.470043 -99, 0, 0, 0, 0, 0,1,1,1,10043 -99
, 0, 0, 0, 0, 3,1,1,1,10063 2582953,0.0000E+00,0.0000E+00,0.6870E-05,0.0000E+00,0062 0.0000E+00,0.00
00E+00,0.0000E+00,0.0000E+000063 2584952,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,
0.0000E+00,0.0000E+000063 2586951,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E
+00,0.0000E+000063 2588950,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0
000E+000063 2590949,0.0000E+00,0.2160E-04,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00
0063 2592949,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+000063
2594948,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+000063 259
6947,0.1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+000063 2598946,0.
1250E-03,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+000043 -99, 5, 124, 159,
249, 3,1,1,1,10063 2600946,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.
3396E-040063 2602945,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.3018E-0
40063 2604944,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.3018E-040063
2606943,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.0000E+00,0.3139E-040063 26
08942,0.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,0062 0.0000E+00,0.0000E+00,0.2793E-04,0.0000E+000063 2610941,0
.0000E+00,0.0000E+00,0.0000E+00,0.0000E+00,^^^^^^^^^^^^^^^^^^^^^^^^^^

ASCII LIST OF LIZ-3

FILE 305 RECORD 1 2048 BYTES

```
0017 1985 DAY 2570064 TIME      71804797    19:56:44.80 TO      75073323 20:51:13.320023 -99, 0, 1, 1, 1, 10023 -99, 0, 1, 1, 1, 10023
-99, 3, 1, 1, 1, 10085       71804800,0.2741E-03,0.3509E-04,0.1123E-04,0.1952E-05,0.3221E-06,0.5184E-07,0085                         0.4670E-07
,0.2131E-07,0.1453E-07,0.1187E-07,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.5026E-08,0.2477E-08,0.2431E-080085       7180
6792,0.1158E-03,0.1106E-04,0.7474E-06,0.5053E-06,0.1460E-06,0.4984E-07,0085                            0.4858E-07,0.2049E-07,0.1397E-07,0.1141E-0
7,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.4832E-08,0.2575E-08,0.2431E-080085       71808792,0.4551E-04,0.5950E-05,0.358
2E-06,0.3091E-06,0.1107E-06,0.4984E-07,0085                            0.4490E-07,0.2049E-07,0.1397E-07,0.1141E-07,0.1101E-07,0.6583E-08,0062
          0.4154E-08,0.5026E-08,0.2575E-08,0.2431E-080085       71810792,0.2841E-03,0.3789E-04,0.1591E-04,0.2300E-05,0.3351E-06,0.51
84E-07,0085                            0.4316E-07,0.2049E-07,0.1397E-07,0.1141E-07,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.4832E-08
,0.2477E-08,0.2431E-080085       71812792,0.1289E-03,0.1195E-04,0.8076E-06,0.5485E-06,0.1580E-06,0.5184E-07,0085                            0.5053
E-07,0.2049E-07,0.1397E-07,0.1141E-07,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.5026E-08,0.2575E-08,0.2431E-080085
71814792,0.4890E-04,0.6429E-05,0.3871E-06,0.3091E-06,0.1107E-06,0.4984E-07,0085                            0.4670E-07,0.2049E-07,0.1397E-07,0.114
1E-07,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.5026E-08,0.2575E-08,0.2431E-080085       71816792,0.1658E-03,0.4252E-04,0
.2525E-04,0.2822E-05,0.3773E-06,0.5184E-07,0085                            0.4316E-07,0.2049E-07,0.1397E-07,0.1141E-07,0.1101E-07,0.6583E-08,0062
          0.4154E-08,0.5026E-08,0.2575E-08,0.2431E-080085       71818792,0.1385E-03,0.1243E-04,0.8726E-06,0.5714E-06,0.1580E-06,
0.4984E-07,0085                            0.5053E-07,0.2049E-07,0.1397E-07,0.1141E-07,0.1101E-07,0.6583E-08,0062                            0.4154E-08,0.4832
E-08,0.2575E-08,0.2431E-08^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

ASCII LIST OF LIZ-3

FILE 306 RECORD 1 80 BYTES

9/14/85

```
EOF1PE85091419.130    ICEGZ300010102000100 90082 00000 000190DECFILE11A
```