

Data Set Catalog # 196

Alouette 2, Electron Density and Temp.
65-098A-05A 1 tape

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

ALOUETTE 2

ELECTRON DENSITY AND TEMP. TAPE

65-098A-05A

SPI0 00195

THIS DATA SET HAS BEEN RESTORED. THE ORIGINAL TAPE WAS 9-TRACK, 800 BPI WITH ONE FILE OF DATA. THE RESTORED TAPE IS 9-TRACK, 6250 BPI WITH ONE FILE OF DATA. THE TAPE WAS CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBER AND THE TIME SPAN ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR02780	DS02780	D10491	1	02/21/66 - 11/13/67

Request Agent
DLB

RASH No.
RB2937

Acq. Agent
LLD

ALOUETTE 2

ELECTRON DENSITY & TEMP

65-098A-05A

This data set consists of one Electron Density and Temp tape. The tape was created on the IBM 360 computer and is 800 BPI, BCD, 1 file. The 'D' tape is 9-track and the 'C' tape is 7-track.

The logical records are 80 character card images and each physical record contains 90 logical records.

The time span for the tape is:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-10491	C-08046	02/21/66 - 11/13/67

65-098A-05A

FORMAT

<u>CHARACTER</u>	<u>DESCRIPTION</u>
1- 3	Day Count *
4- 8	Orbit Number
9-11	Geodetic Latitude
12-15	Geodetic Longitude
16-19	Altitude
20-25	Date YR/MO/DA
26-31	Hour HR/MN/SA
32-35	Electron Temperature
36-42	Electron Density
43-44	B
45-49	L
50-52	DIP Latitude
53-55	Zenith Angle
56-58	A(P)
59-61	Solar Flux
62-64	Geomagnetic Latitude
65-68	Geomagnetic Longitude
69-71	Local Time
72-74	DIP
75-78	Satellite Potential
79	Special Function
80	Satellite Code

* This is supposed to be the day count but the tape contains a station code instead.

SKA 1002 75 1351615660221170335 2.3E+0229 849 73113 3 87 64-165 2181 -50 ESKA 1002 78 15215126 REC
60221170510 3.3E+C231 1164 76108 3 87 68-159 32 82 ESKA 1002 79 1661447660221170610 4.3E+
0232 1439 77105 3 87 70-153 42 83 -5 ESKA 1002 79 1781404660221170650 1.2E+0332 1656 78103 3 8
7 71-148 49 84 ESKA 1002 79-1611330660221170800 5.5E+0333 2071 79 99 3 87 73-138 63 84 E
SKA 1002 76-1361214660221170950 1.2E+0435 2473 79 94 3 87 75-116 80 84 ESKA 1002 74-12711536
60221171050 1.3E+0436 2360 79 90 3 87 76-102 86 84 ESKA 1002 68-1151034660221171250 1.6E+
0438 1636 77 83 3 87 73 -77 94 83 ESKA 1002 63-111 958660221171410 2.0E+0439 1162 75 75 3 8
7 71 -65 98 82 ESKA 1002 60-108 904660221171510 2.5E+0440 894 73 75 3 87 68 -57100 81 E
SKA 1002 56-105 844660221171620 3.5E+0441 663 69 71 3 87 65 -51102 79 EQUI 1013 0 -65 5196
60222154654 3.8E+0525 119 13 19 27 87 11 0111 25-200 EQUI 1013 -3 -68 533660222154750 4.3E+
0524 116 9 16 27 87 8 0111 18 EQUI 1013-20 -66 644660222155210 3.0E+0519 116 -6 15 27 8
7 -8 2114-12 ESNT 1013-24 -66 681660222155310 1.7E+0519 119 -9 17 27 87-12 2114-18-200 E
SNT 1013-27 -65 715660222155400 1.3E+0519 122-12 19 27 87-15 2115-23 ESNT 1013-31 -65 7666
60222155510 1.2E+0519 128-16 23 27 87-20 3115-30 ESNT 1013-36 -64 821660222155620 8.0E+
0420 136-19 27 27 87-24 4116-35 ESNT 1013-40 -63 880660222155730 6.0E+0420 145-22 30 27 8
7-28 4117-40 ESNT 1013-44 -62 934660222155830 5.0E+0421 155-25 34 27 87-32 5118-43 E
SNT 1013-47 -61 990660222155930 4.0E+0421 167-28 37 27 87-35 6119-47 ESNT 1013-49 -6010286
60222160010 3.0E+C422 177-30 39 27 87-38 6119-49 ESKA 1014 78 1451473660222172250 7.0E+
0331 1125 76108 27 87 67-162 30 83+150 ESKA 1014 79 1601409660222172350 8.3E+0332 1369 77105 27 8
7 69-156 40 83 ESKA 1014 79-1791334660222172500 1.1E+0433 1693 78102 27 87 72-147 54 84 E
SKA 1014 79-1671292660222172540 6.0E+0333 1872 78 99 27 87 73-141 62 84 ESKA 1014 75-14011676
60222172740 3.5E+0435 2082 78 93 27 87 74-117 80 84 ESKA 1014 71-1271067660222172920 4.2E+
0437 1744 77 87 27 87 74 -96 89 83 ESKA 1014 65-118 953660222173120 3.4E+0439 1132 74 80 27 8
7 70 -76 96 82 ESKA 1014 62-115 899660222173220 3.2E+0440 885 72 77 27 87 68 -68 98 80 E
SKA 1014 59-113 856660222173310 3.5E+0440 722 70 74 27 87 66 -63 99 79 EJOB 1016 0 329576
60222225420 1.0E+04 9 150 -4160 32 87 3 72231 -9-200 EJOB 1016 1 32943660222225520 1.0E+
04 9 149 -2161 32 87 5 73231 -5 EJOB 1016 4 32927660222225620 1.0E+04 9 149 0163 32 8
7 7 73231 -1 EJOB 1016 6 32905660222225730 1.1E+04 9 148 1164 32 87 10 74232 3 E
JOB 1016 8 32884660222225830 1.0E+04 9 149 3165 32 87 12 74232 7 EJOB 1016 11 428526
60222225950 1.0E+0410 149 6165 32 87 15 75232 13 EWNK 1017 13 42830660222230040 1.0E+
0410 150 8165 32 87 16 76232 17-180 EWNK 1017 15 42806660222230130 1.0E+0410 152 10165 32 8
7 18 76233 20 EWNK 1017 17 42776660222230230 1.0E+0411 154 12164 32 87 20 77233 24 E
WNK 1017 20 42732660222230350 8.0E+0311 157 15163 32 87 23 78233 29 EWNK 1017 23 526906
60222230500 8.0E+0312 162 18162 32 87 26 79234 34 EWNK 1017 26 52652660222230600 8.0E+
0312 166 21160 32 87 28 80234 37 EWNK 1017 28 52612660222230700 8.0E+0313 171 23159 32 8
7 30 81234 40 EWNK 1017 31 52562660222230810 1.1E+0414 179 26156 32 87 33 82235 44 E
WNK 1017 33 62525660222230900 1.1E+0414 185 28155 32 87 35 83235 47 EWNK 1017 36 624636
60222231020 1.2E+0415 198 31152 32 87 38 84236 51 EWNK 1017 38 72422660222231110 1.2E+
0416 207 33150 32 87 40 85236 53 EWNK 1017 41 72364660222231220 1.1E+0417 222 36148 32 8
7 42 87237 56 EWNK 1017 42 82329660222231300 1.1E+0417 232 38146 32 87 44 88237 57 E
WNK 1017 46 82258660222231420 5.0E+0318 257 42143 32 87 47 90238 61 EQUI 1017 47 922216
60222231500 8.8E+0319 270 43142 32 87 48 91238 62-200 EQUI 1017 49 102174660222231550 6.6E+
0320 291 46140 32 87 50 93239 64 EQUI 1017 52 112107660222231700 5.6E+0321 325 49137 32 8
7 53 95 0 66 EQUI 1017 55 122058660222231750 7.0E+0222 355 51135 32 87 55 98 1 68 E
QUI 1017 59 141968660222231920 5.0E+0223 422 55131 32 87 58 102 2 71 EQUI 1017 61 1519166
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0325 564 61125 32 87 62 111 6 74 EQUI 1017 67 211770660222232230 1.8E+0326 654 64122 32 8
7 64 116 8 76 EQUI 1017 69 251706660222232330 2.7E+0327 762 66119 32 87 66 122 10 77 E
QUI 1017 72 301642660222232430 1.2E+0328 889 69116 32 87 67 128 14 79 EQUI 1017 75 3715666
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0330 1183 74110 32 87 69 145 25 82 EQUI 1017 78 591437660222232740 2.7E+0331 1275 76107 32 8
7 69 154 34 83 EQUI 1019-18 -892979660223045030 7.5E+03 9 150 -6145 48 84 -7 -19228-13-120 E
QUI 1019-14 -892988660223045230 7.5E+03 9 149 -2149 48 84 -3 -19229 -5 EQUI 1019 -9 -8829886
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04 9 150 6157 48 84 6 -19230 13 EQUI 1019 0 -882954660223045850 1.1E+0410 154 11160 48 8
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D-10491
660221
671113

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0312 257-41127 32 84-37 84224-60 EJOB 1027-32 242891660223205550 7.0E+0311 234-38131 32 8
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JOB 1027-24 252959660223205950 8.0E+0311 198-31139 32 84-24 89227-50 EJOB 1027-21 2529746
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0310 175-24146 18 84-16 91228-41 EJOB 1027-12 262990660223210510 8.0E+0310 167-20149 18 8
4-13 92228-36 EJOB 1027 -7 262982660223210720 8.5E+03 9 158-15153 18 84 -8 94229-29-170 E
KNO 1028-19 -42982660223230340 9.0E+03 9 171-20144 18 84-13 61227-36-160 EKNO 1028-17 -429866
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03 9 162-15149 18 84 -8 63228-28 EKNO 1028 -8 -32984660223230830 7.5E+03 8 157-11153 18 8
4 -3 64228-21 EKNO 1028 -5 -32974660223230950 7.5E+03 8 154 -8155 18 84 0 65229-16-170 E
KNO 1028 -3 -32963660223231100 8.0E+03 9 152 -6157 18 84 1 65229-12 EKNO 1028 0 -229376
60223231250 9.0E+03 9 150 -2159 18 84 5 66230 -4 EKNO 1028 3 -22914660223231410 9.0E+
03 9 149 0161 18 84 8 67230 0-170 EKNO 1028 9 -22854660223231650 8.0E+03 9 150 6163 18 8
4 14 68231 12 EKNO 1028 15 -12788660223231910 9.0E+0310 153 11163 18 84 19 70231 21 E
KNO 1028 19 -12722660223232110 9.0E+0311 158 15162 18 84 23 71232 29-150 EWNK 1029 22 -126736
60223232230 9.0E+0312 162 18161 18 84 26 72232 34-170 EWNK 1029 27 02586660223232440 9.5E+
0313 173 23158 18 84 31 74233 41 EWNK 1029 33 02474660223232710 1.0E+0415 192 29153 18 8
4 37 77234 49 EWNK 1029 38 12375660223232910 1.0E+0416 214 34149 18 84 41 79235 54-180 E
WNK 1029 42 12288660223233050 7.5E+0318 239 39146 18 84 45 82236 58 EWNK 1029 48 321596
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0321 332 49137 18 84 54 89239 66-180 EHA W 1033 17-1542749660224092730 1.0E+0412 154 17162 18 8
3 17 -89231 31-160 EHA W 1033 22-1532671660224092940 9.0E+0313 162 22161 18 83 22 -89232 39 E
HAW 1033 26-1532598660224093130 9.5E+0314 172 26158 18 83 26 -90232 44 EHA W 1033 34-15224476
60224093450 8.0E+0316 199 34152 18 83 34 -91234 53 EWNK 1034 70 -15 988660224095910 1.5E+
0435 1141 68 86 18 83 74 88 89 78-140 EWNK 1034 63 -6 872660224100120 1.5E+0435 561 61 78 18 8
3 66 86 95 74 EWNK 1034 54 -1 759660224100340 2.0E+0435 323 52 70 18 83 57 84 99 69 E
WNK 1034 48 1 683660224100530 3.5E+0434 231 45 63 18 83 50 83101 63-140 EWNK 1034 39 3 6086
60224100740 4.5E+0433 168 35 55 18 83 42 82103 55 ERPD 1037 54 -92 749660224160810 3.5E+

0442 665 70 70 9 83 64 -33 99 79-120 EBPO 1037 47 -89 668660224161010 4.0E+0443 413 62 62 9 8
3 57 -27101 75 EBPO 1037 39 -87 601660224161210 5.6E+0442 28253 55 9 83 50 -22103 69 E
BPO 1037 31 -86 551660224161410 1.1E+0540 208 44 47 9 83 42 -19104 63-120 EBPO 1037 23 -84 5176
60224161620 1.7E+0537 161 35 39 9 83 34 -17106 54 EQUI 1037 0 -81 530660224162150 3.5E+
0526 115 12 22 9 83 12 -13109 23-150 EQUI 1037 -7 -80 574660224162400 3.5E+0523 112 3 18 9 8
3 3 -11110 7 EQUI 1037-17 -79 650660224162630 1.5E+0521 114 -5 17 9 83 -6 -10111-10 E
SNT 1037-22 -78 701660224162750 1.2E+0520 117 -9 19 9 93-11 -9111-18-150 EQUI 1037-27 -78 7506
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0420 126-16 24 9 83-19 -7113-30 ESNT 1037-39 -75 916660224163220 2.6E+0421 143-23 31 9 8
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SNT 1037-53 -71159660224163630 1.8E+0423 196-34 44 9 83-41 -1118-53-120 EJOB 1039-46 1527516
60224210750 4.0E+0313 305-44118 12 83-43 73221-62-150 EJOB 1039-41 162819660224211000 4.3E+
0312 272-42122 12 83-39 76222-61 EJOB 1039-38 172850660224211110 4.3E+0312 257-40125 12 8
3-36 77223-59 EJOB 1039-33 182901660224211320 4.5E+0311 233-37129 12 83-32 79224-57 E

JOB 1039-29 182941660224211530 5.5E+0311 213-34134 12 83-27 81225-53-120 EJOB 1039-25 1929626 REC 3, LENGTH 7200
60224211700 6.0E+0310 201-31137 12 83-24 82225-51 EJOB 1039-21 192979660224211850 6.0E+
0310 188-28141 12 83-21 84226-47 EJOB 1039-16 202990660224212120 7.0E+0310 174-23145 12 8
3-15 85226-41-120 EJOB 1039-12 202989660224212310 8.0E+03 9 166-19149 12 83-11 86227-35 E
JOB 1039 -7 202976660224212520 8.0E+03 9 158-15152 12 83 -7 88228-28 EJOB 1039 -2 2129526
60224212730 9.0E+03 9 152-10156 12 83 -2 89228-20-150 EWNK 1040 23 232640660224213900 1.0E+
0412 154 16159 12 83 22 96231 30-200 EWNK 1040 27 232556660224214100 1.0E+0413 162 21157 12 8
3 26 98232 38 EWNK 1040 32 242465660224214300 1.0E+0415 174 26153 12 83 31 100233 45 E
WNK 1040 37 25236660224214500 1.0E+0416 191 32149 12 83 35 102234 51-170 EWNK 1040 43 2622416
60224214720 1.0E+0418 220 38145 12 83 41 105235 57 EWNK 1040 48 272138660224214910 7.5E+
0320 252 43140 12 83 45 108236 62 EWNK 1040 52 292030660224215100 3.2E+0322 296 49136 12 8
3 49 112237 66 EWNK 1040 55 301960660224215210 2.9E+0323 334 52133 12 83 52 115239 69-130 E
WNK 1040 58 311909660224215300 2.0E+0324 366 54131 12 83 54 117 0 70 EWNK 1040 60 3318576
60224215350 2.5E+0224 406 57129 12 83 56 119 1 72 EWNK 1040 63 351772660224215510 1.5E+
0226 483 61125 12 83 58 124 3 74 EWNK 1040 69 431623660224215730 9.0E+0228 685 67119 12 8
3 63 135 8 78-100 EQUI 1042-23 -722974660225032230 8.0E+03 9 155 -9139 12 80-11 -2225-18-130 E
QUI 1042-18 -712988660225032440 8.0E+03 9 152 -5143 12 80 -7 -2226-10 EQUI 1042-14 -7129906
60225032640 7.5E+03 8 151 -1147 12 80 -2 -2226 -2 EQUI 1042 -9 -702981660225032900 8.5E+
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0 56 5101 72-170 EBPO 1048 34 -62 559660225142930 8.0E+0439 236 47 51 9 80 46 7103 65 E
BPO 1048 27 -60 526660225143120 1.1E+0537 187 39 44 9 80 38 9104 58 EJOB 1051-44 927986
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JOB 1051-25 122974660225213510 1.0E+0410 196-30137 7 80-23 76224-49 EJOB 1051-20 1329886
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03 9 172-22145 7 80-14 79225-39-150 EJOB 1051-10 142981660225214150 9.0E+03 9 162-17149 7 8
0 -9 81226-32 EJOB 1051 -6 142962660225214350 9.0E+03 9 156-13152 7 80 -4 82226-25 E
JOB 1051 -2 142936660225214540 1.0E+04 9 151 -9155 7 80 -1 83227-17-170 EJOB 1051 7 1528386
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0410 146 5160 7 80 13 87225 11 EWNK 1052 19 162662660225215530 1.0E+0411 151 13159 7 8
0 20 89230 25-100 EWNK 1052 23 162595660225215710 1.2E+0412 156 17157 7 80 24 91230 32 E
WNK 1052 30 172475660225215950 1.2E+0414 169 24154 7 80 30 93231 41 EWNK 1052 35 1823776
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0317 206 35146 7 80 39 98233 54 EWNK 1052 45 202151660225220600 8.0E+0319 236 41142 7 8
0 44 101234 60 EWNK 1052 52 222004660225220830 7.5E+0322 294 48136 7 80 50 106236 65-160 E
WNK 1052 58 251860660225221050 4.0E+0224 378 55130 7 80 55 112238 70 EWNK 1052 63 2917346
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0328 680 66119 7 80 63 129 6 77 -80 EWNK 1052 75 50144660225221720 5.3E+0231 979 73112 7 8
0 67 145 16 81 EWNK 1052 77 601380660225221820 3.2E+0332 1112 75109 7 80 68 153 23 82 E
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 0 2 4101 7-200 EQUI 8330-14 -642047671101143230 1.0E+0412 137 0169 2140 -2 4102 -1 E
 QUI 8330-19 -632175671101143440 1.1E+0411 141 -5163 2140 -8 4103-11 EQUI 8330-24 -6322786
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 0-40 89214-62 EJOB 8332-33 312106671101193050 6.1E+0315 225-40 37 7140-34 92215-59 E
 JOB 8332-28 321984671101193250 7.0E+0315 197-37 32 7140-29 94216-56-250 EJOB 8332-23 3218906
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 0432 186 38 22 7140 37 -16223 58 EFTM 8336 33 -82 805671102 35720 2.0E+0436 232 47 30 714
 0 44 -15224 65 ESKA 8339 58-134 571671102 80640 6.0E+0444 476 62 56 7140 61 -65231 75-400 F
 SKA 8339 66-127 534671102 80850 4.2E+0446 995 73 65 7140 70 -87236 81 ESKA 8339 70-121 5236
 71102 81000 9.0E+0446 1756 79 69 7140 74 -89 0 84 EWNK 8339 61 4 696671102 82040 7.0E+
 0437 450 59112 7140 62 96 86 73-400 EWNK 8339 54 9 785671102 82250 4.0E+0434 288 51120 714
 0 54 95 90 68 EWNK 8339 48 11 855671102 82420 3.5E+0432 229 45126 7140 49 94 91 63 E
 WNK 8339 42 13 939671102 82600 3.1E+0430 186 38132 7140 43 93 93 57-300 EFTM 8342 20 -7313446
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 LIM 8342 2 -711709671102144220 1.2E+0416 141 15173 6140 14 -2 99 29-300 ELIM 8342 -3 -7118476
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 0-64 18190-70 EJOB 8343-71 -262824671102213140 6.2E+0316 552-51 78 18140-61 26197-68 E
 JOB 8343-67 -202761671102213340 1.0E+0415 471-49 73 18140-58 33201-66-200 EJOB 8343-63 -1626886
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 0414 346-44 63 18140-51 43207-62 EJOB 8343-54 -102510671102213950 1.0E+0414 303-42 59 1814
 0-46 47209-61-250 EJOB 8343-50 -92437671102214120 8.0E+0314 276-40 55 18140-43 49210-59 E
 JOB 8343-37 -52145671102214640 7.0E+0313 206-34 41 18140-31 56213-54-200 EJOB 8343-31 -420256
 71102214840 1.0E+0413 187-31 36 18140-26 58214-51 EJOB 8343-25 -31890671102215050 1.0E+
 0414 169-28 30 18140-20 60215-47 EJOB 8343-22 -31805671102215210 1.0E+0414 159-25 26 1814
 0-16 61216-43-250 EJOB 8343-15 -21653671102215430 1.2E+0414 145-20 19 18140-10 63217-36 E
 JOB 8343 -6 -11458671102215730 9.0E+0315 131-12 10 18140 -1 66218-23 ESNT 8348-60-10526346
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 SNT 8348-42 -982258671103 34830 5.4E+0316 187-30 47 6137-32 -25212-50 ESNT 8348-37 -9721436
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 LIM 8348-15 -941652671103 35820 9.0E+0315 128 -5 19 6137 -5 -24216-11 ELIM 8348 -9 -9315216
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 0417 124 7 6 6137 8 -24218 15-200 EFTM 8348 5 -921222671103 40500 1.0E+0420 128 15 1 613
 7 15 -23219 28-250 ELIM 8348 5 -921222671103 40500 1.1E+0420 128 15 1 6137 15 -23219 28 E
 LIM 8348 12 -911090671103 40710 1.1E+0424 138 22 8 6137 23 -23220 39 EFTM 8348 12 -9110816
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 0431 169 34 19 6137 34 -23221 54 EFTM 8348 31 -88 799671103 41240 1.6E+0436 215 44 28 613
 7 42 -22223 63-300 EFTM 8348 38 -87 720671103 41430 2.0E+0440 279 53 35 6137 49 -22224 69 E
 FTM 8348 46 -85 647671103 41630 1.4E+0443 406 62 43 6137 57 -20226 75 EJOB 8351-38 1826276
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 0313 290-43139 12137-41 77105-62 EJOB 8351-48 202781671103 91430 3.0E+0313 338-46134 1213
 7-46 77106-64 EJOB 8351-53 222846671103 91640 3.2E+0314 401-48129 12137-51 76107-66-250 E
 JOB 8351-57 242899671103 91850 2.4E+0314 488-51124 12137-56 75109-68 EJOB 8351-61 2625326
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 0315 768-56115 12137-65 73114-71-200 EJOB 8351-68 342983671103 92420 3.0E+0316 954-58112 1213
 7-68 72116-73 EFTM 8354 34 -811107671103144800 1.6E+0432 255 48140 32137 46 -15 93 66-250 E
 FTM 8354 27 -801248671103145020 1.2E+0428 203 40148 32137 38 -12 94 59 EFTM 8354 20 -7913846

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0423 165 30158 32137 29 -11 96 49-300 EFTM 8354 12 -781534671103145450 1.0E+0420 154 25162 3213
7 24 -10 96 43-300 ELIM 8354 10 -781577671103145530 1.1E+0419 150 23165 32137 22 -9 96 40 E
FTM 8354 7 -781641671103145630 1.0E+0418 146 20168 32137 19 -9 97 36 ELIM 8354 4 -7717176
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0415 139 14174 32137 13 -8 98 26 ELIM 8354 -1 -771844671103145940 1.0E+0414 137 11177 3213
7 10 -8 98 21-250 EFTM 8354 -2 -771876671103150010 1.0E+0414 136 9178 56137 8 -8 98 19-300 E

LIM 8354 -4 -761917671103150050 1.0E+0413 136 8178 56137 6 -7 98 15 ELIM 8354 -7 -7619906
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0412 137 0169 56137 -2 -6 99 -1-250 ELIM 8354-19 -752253671103150630 9.0E+0311 140 -6163 5613
7 -8 -6100-12 ELIM 8354-25 -742370671103150840 7.0E+0311 147-11158 56137-13 -5101-21 E
SKA 8355 73-139 606671103163810 3.5E+0444 1525 76 99 56137 73-111 73 83-300 ESKA 8355 66-127 6746
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0441 591 66116 56137 64 -69 87 77 ELIM 8359-29 -711927671104 20800 1.1E+0413 145-15 34 2213
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LIM 8359-17 -691648671104 21220 1.1E+0413 131 -3 21 22130 -5 0215 -7 ELIM 8359 -9 -6814856
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0 15 1218 30 EHAW 8362 -1-1591311671104 82120 5.0E+0319 118 -1 5 6130 -1 -90217 -3-200 E
HAW 8362 4-1581186671104 82320 4.0E+0319 117 5 1 6130 4 -90218 10 EHAW 8362 12-15710566
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0324 127 19 16 6130 19 -92219 35-300 EHAW 8362 26-156 842671104 82930 1.0E+0426 138 26 22 613
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SKA 8363 52-149 587671104 83620 6.0E+0340 284 51 49 6130 52 -95226 68-400 ESKA 8363 75-120 5196
71104 84250 3.5E+0446 3560 83 75 6130 78-103 6 86 EJOB 8363 -2 81912671104 91210 1.0E+
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JOB 8363-20 102294671104 91840 7.0E+0312 169-26163 7130-17 75 99-45-300 EJOB 8363-25 1024086
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JOB 8363-44 132745671104 92840 3.6E+0313 286-42139 7130-41 72103-61 EJOB 8363-48 1528156
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JOB 8363-65 242972671104 93830 2.0E+0315 676-54116 7130-63 68112-70-200 EJOB 8363-68 2829886
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0316 927-58111 7130-68 67116-72 EACT 8363-71 1442788671104 95540 1.9E+0321 7720-86 78 713
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ACT 8363-64 1532669671104 95900 1.2E+0322 2003-80 70 7130-71-112202-85 EACT 8363-57 15925336
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0323 600-65 57 7130-59-114208-77 EACT 8363-47 1632315671104100630 3.0E+0323 427-58 52 713
0-53-115209-73 EFTM 8366 31 -861205671104150450 1.3E+0430 224 44144 4130 42 -20 92 62-250 E
FTM 8366 24 -851329671104150650 1.0E+0426 188 37150 4130 35 -18 93 56 EFTM 8366 20 -8514246
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0420 154 25161 4130 25 -16 95 43-250 EFTM 8366 7 -831692671104151230 9.0E+0317 144 19168 413
0 18 -15 96 34 EFTM 8366 1 -831831671104151440 1.0E+0415 138 12174 4130 12 -14 96 24 E
LIM 8366 -1 -821883671104151530 8.0E+0314 136 10177 4130 10 -14 97 20-200 EFTM 8366 -4 -8219566
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0313 135 5177 4130 4 -13 97 10 EFTM 8366-10 -822087671104151850 7.0E+0312 135 1173 413
0 1 -12 98 3 ELIM 8366-12 -812146671104151950 8.0E+0312 136 0171 4130 -1 -12 98 -1 E
LIM 8366-18 -812259671104152150 6.0E+0311 139 -5165 4130 -6 -11 99-10-250 ELIM 8366-21 -8123416
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0311 151-14155 4130-16 -10100-27 ELIM 8366-30 -792523671104152700 6.0E+0311 157-17152 413
0-19 -9101-31-250 ESKA 8368 68-166 669671104185640 2.4E+0442 638 66104 2130 64-123 78 77-300 E
SKA 8368 61-158 753671104185850 3.0E+0439 421 58113 2130 59-109 84 73 ESKA 8368 55-154 8206
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0433 240 47126 2130 48 -56 89 65-300 EHAW 8368 45-151 962671104190310 2.5E+0432 231 45129 213
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HAW 8368 31-1471213671104190730 1.5E+0425 163 32144 2130 32 -85 92 51 EHAW 8368 23-14613586
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0319 135 18158 2130 19 -80 94 34 EHAW 8368 8-1441679671104191450 6.0E+0316 128 10167 213
0 11 -77 95 20 EHAW 8368 3-1441775671104191620 7.0E+0315 127 6171 2130 6 -76 96 12-300 E
FTM 8371 8 -721099671105 23610 1.1E+0422 138 21 4 12121 19 -3217 37-250 EFTM 8371 14 -71 9546
71105 23800 1.6E+0426 150 27 10 12121 26 -3218 46 EFTM 8371 22 -70 870671105 24020 1.7E+

REC 2, LENGTH 7200

0431 176 36 19 12121 34 -2219 55 EFTM 8371 29 -69 782671105 2420 2.5E+0435 209 43 25 1212
1 41 -1220 62-350 EFTM 8371 39 -68 681671105 24440 2.5E+0439 288 52 35 12121 50 1222 69 E
FTM 8371 46 -65 615671105 24640 3.5E+0442 406 60 43 12121 58 4223 73 E HAW 8374 -1-16512616
71105 83720 3.4E+0319 117 -1 5 15121 -2 -95216 -3-250 E HAW 8374 6-1641128671105 83930 3.0E+
0320 116 5 2 15121 4 -96216 10 E HAW 8374 14-163 992671105 84150 3.0E+0322 119 13 10 1512
1 13 -97217 25 E HAW 8374 21-162 885671105 84350 5.8E+0324 127 20 17 15121 20 -98218 36-300 E
HAW 8374 28-161 796671105 84540 1.3E+0427 138 26 24 15121 26 -98219 45 E HAW 8374 35-160 7116
71105 84740 1.9E+0431 159 33 31 15121 34 -99221 53 ESKA 8375 54-154 565671105 85230 2.0E+
0440 294 51 50 15121 53-101225 68-300 ESKA 8375 66-145 521671105 85550 3.0E+0445 701 67 64 1512
1 66-103232 78 ESKA 8375 73-132 518671105 85750 3.5E+0446 1795 78 72 15121 74-105 0 84 E
SKA 8375 76-120 525671105 85900 9.0E+0446 4147 84 77 15121 79-108 9 87-450 EFTM 8377 30 -6112506
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0424 192 35151 7121 35 9 92 55 EFTM 8377 17 -601513671105132340 1.3E+0421 169 29158 712
1 29 9 93 48 EFTM 8377 10 -591653671105132550 1.1E+0418 155 22164 7121 22 10 94 39-250 E

LIM 8377 10 -591653671105132550 1.3E+0418 155 22164 7121 22 10 94 39-300 EFTM 8377 5 -5817716 REC 3. LENGTH 7200
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0415 146 16171 7121 16 10 95 30 EFTM 8377 0 -581908671105132950 1.2E+0414 142 11176 712
1 10 10 96 22 ELIM 8377 -3 -581969671105133050 1.5E+0413 140 8178 7121 8 11 96 17 E
LIM 8377 -6 -572050671105133210 1.3E+0412 139 5177 7121 4 11 96 10-300 ELIM 8377-12 -5721786
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WNK 1069 43 14 598560227085750 6.0E+0435 183 39 60 4 84 44 95 99 58 EWNK 1069 38 15 5646
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542RECORDS IN FILE 1 OF TAPE.

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298RECORDS IN FILE 1 OF TAPE.

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