[redacted]

#427

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 106 9-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THE ORIGINAL TAPES WERE STANDARD LABELLED AND CONTAINED 6 FILES EACH, JUST THE DATA FILES WERE RESTORED. TWO OF THESE TAPES WERE BAD, D15666 AND D23980. THERE MAY HAVE BEEN SOME RECORDS LOST ON SOME OF THE ORIGINAL TAPES DUE TO READ ERRORS, BUT THEY WERE NOT NOTED. THERE ARE SEVEN RESTORED TAPES. THE ORIGINAL TAPES WERE CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR02913	DS02913	D15664	1-2	03/14/71 - 03/17/71
		D15665	3-4	03/17/71 - 03/21/71
		D15667	5-6	03/26/71 - 03/30/71
		D15668	7-8	03/30/71 - 04/03/71
		D15669	9-10	04/03/71 - 04/07/71
		D15670	11-12	04/07/71 - 04/11/71
		D15671	13-14	04/11/71 - 04/15/71
		D15672	15-16	04/15/71 - 04/20/71
		D16652	17-18	04/24/71 - 04/27/71
		D16653	19-20	04/27/71 - 05/01/71
		D16654	21-22	05/01/71 - 05/05/71
		D16655	23-24	05/06/71 - 05/10/71
		D16656	25-26	05/10/71 - 05/14/71
		D16657	27-28	05/14/71 - 05/18/71
		D16658	29-30	05/19/71 - 05/22/71
		D16659	31-32	05/23/71 - 05/26/71
		D16660	33-34	05/27/71 - 05/30/71
		D17079	35-36	06/04/71 - 06/07/71

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DR#	DS#	D#	FILES	TIME SPAN
DR02914	DS02914	D17080	1-2	06/08/71 - 06/12/71
		D17081	3-4	06/12/71 - 06/16/71
		D17082	5-6	06/17/71 - 06/20/71
		D17083	7-8	06/21/71 - 06/24/71
		D17084	9-10	06/25/71 - 06/28/71
		D17085	11-12	06/29/71 - 07/02/71
		D17086	13-14	07/03/71 - 07/07/71
		D17087	15-16	07/07/71 - 07/11/71
		D17088	17-18	07/12/71 - 07/15/71
		D17926	19-20	07/16/71 - 07/19/71
		D17922	21-22	07/20/71 - 07/23/71
		D17923	23-24	07/24/71 - 07/28/71
		D17924	25-26	07/28/71 - 08/01/71
		D17925	27-28	08/01/71 - 08/05/71
		D17920	29-30	08/05/71 - 08/09/71
		D17921	31-32	08/09/71 - 08/13/71
		D17927	33-34	08/14/71 - 08/18/71
DR02915	DS02915	D17928	1-2	08/18/71 - 08/21/71
		D17929	3-4	08/22/71 - 08/26/71
		D19056	5-6	08/26/71 - 08/29/71
		D19057	7-8	08/30/71 - 09/03/71
		D19058	9-10	09/03/71 - 09/07/71
		D19059	11-12	09/07/71 - 09/10/71
		D19060	13-14	09/12/71 - 09/15/71
		D19061	15-16	09/15/71 - 09/18/71
		D19062	17-18	09/20/71 - 09/23/71
		D19063	19-20	09/24/71 - 09/28/71
		D19064	21-22	09/28/71 - 10/02/71
		D19065	23-24	10/02/71 - 10/07/71
		D19786	25-26	10/05/71 - 10/09/71
		D19779	27-28	10/07/71 - 10/10/71
		D19787	29-30	10/09/71 - 10/13/71
		D19780	31-32	10/11/71 - 10/15/71
		D19788	33-34	10/13/71 - 10/16/71
DR02916	DS02916	D19784	1-2	10/19/71 - 10/23/71
		D19783	3-4	10/23/71 - 10/27/71
		D19782	5-6	10/27/71 - 10/31/71
		D19785	7-8	10/31/71 - 11/05/71
		D22051	9-10	11/17/71 - 11/20/71
		D22047	11-12	11/21/71 - 11/25/71
		D22050	13-14	11/25/71 - 11/30/71
		D22052	15-16	11/30/71 - 12/04/71
		D22053	17-18	12/04/71 - 12/08/71
		D22049	19-20	12/08/71 - 12/11/71
		D22048	21-22	12/12/71 - 12/16/71
		D22044	23-24	12/16/71 - 12/20/71
		D22045	25-26	12/20/71 - 12/24/71
		D22046	27-28	12/24/71 - 12/29/71
		D22986	29-30	12/29/71 - 01/01/72
		D22987	31-32	01/02/72 - 01/05/72
		D22988	33	01/06/72 - 01/09/72

Req. Agent	RAND No.	Acq. Agent
CLB WKD	RC 0541	JHK

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A

This data set consists of 106 IMP-I Count Rates on Archive Tapes. The D# tapes are 9 TRK, BIN, 800 BPI, Standard Label tapes, with 2 data files (6 files total). The C# tapes are 7 TRK, BIN, 800 BPI, Standard Label tapes, with 2 data files (6 files total). The tapes were written on an IBM 360 computer.

D#	C#	TIME SPAN
D-15664	C-11846	3/14/71 - 3/17/71
D-15665	C-11847	3/17/71 - 3/22/71
D-15666	C-11848	3/22/71 - 3/26/71
D-15667	C-11849	3/26/71 - 3/30/71
D-15668	C-11850	3/30/71 - 4/03/71
D-15669	C-11851	4/03/71 - 4/07/71
D-15670	C-11852	4/07/71 - 4/11/71
D-15671	C-11853	4/11/71 - 4/15/71
D-15672	C-11854	4/15/71 - 4/20/71
D-16652	C-12680	4/24/71 - 4/27/71
D-16653	C-12681	4/27/71 - 5/01/71
D-16654	C-12682	5/02/71 - 5/05/71
D-16655	C-12683	5/06/71 - 5/10/71
D-16656	C-12684	5/10/71 - 5/14/71
D-16657	C-12685	5/14/71 - 5/18/71
D-16658	C-12685	5/19/71 - 5/22/71
D-16659	C-12687	5/23/71 - 5/26/71
D-16660	C-12688	5/27/71 - 5/30/71
D-17079	C-13254	6/04/71 - 6/07/71
D-17080	C-13255	6/08/71 - 6/12/71
D-17081	C-13256	6/12/71 - 6/16/71
D-17082	C-13257	6/17/71 - 6/20/71

D#	C#	TIME SPAN
D-17083	C-13258	6/21/71 - 6/24/71
D-17084	C-13259	6/25/71 - 6/28/71
D-17085	C-13260	6/29/71 - 7/02/71
D-17086	C-13261	7/03/71 - 7/07/71
D-17087	C-13262	7/07/71 - 7/11/71
D-17088	C-13263	7/12/71 - 7/15/71
D-17920	C-14299	8/05/71 - 8/09/71
D-17921	C-14300	8/09/71 - 8/13/71
D-17922	C-14301	7/20/71 - 7/23/71
D-17923	C-14302	7/24/71 - 7/28/71
D-17924	C-14303	7/28/71 - 8/01/71
D-17925	C-14304	8/01/71 - 8/05/71
D-17926	C-14305	7/16/71 - 7/19/71
D-17927	C-14306	8/14/71 - 8/18/71
D-17928	C-14307	8/18/71 - 8/21/71
D-17929	C-14308	8/22/71 - 8/26/71
D-19056	C-15098	8/26/71 - 8/29/71
D-19057	C-15099	8/30/71 - 9/03/71
D-19058	C-15100	9/03/71 - 9/07/71
D-19059	C-15101	9/07/71 - 9/10/71
D-19060	C-15102	9/12/71 - 9/15/71
D-19061	C-15103	9/15/71 - 9/18/71
D-19062	C-15104	9/20/71 - 9/23/71
D-19063	C-15105	9/24/71 - 9/28/71
D-19064	C-15106	9/28/71 - 10/02/71
D-19065	C-15107	10/02/71 - 10/07/71
D-19779	C-15988	10/07/71 - 10/10/71
D-19780	C-15989	10/11/71 - 10/15/71

Page

D#	C#	TIME SPAN
D-19781	C-15990	10/15/71 - 10/18/71
D-19782	C-15991	10/27/71 - 10/31/71
D-19783	C-15992	10/23/71 - 10/27/71
D-19784	C-15993	10/19/71 - 10/23/71
D-19785	C-15994	10/31/71 - 11/05/71
D-19786	C-15995	11/05/71 - 11/09/71
D-19787	C-15996	11/09/71 - 11/13/71
D-19788	C-15997	11/13/71 - 11/16/71
D-22044	C-16847	12/16/71 - 12/20/71
D-22045	C-16848	12/20/71 - 12/24/71
D-22046	C-16849	12/24/71 - 12/29/71
D-22047	C-16850	11/21/71 - 11/25/71
D-22048	C-16851	12/12/71 - 12/16/71
D-22049	C-16852	12/08/71 - 12/11/71
D-22050	C-16853	11/25/71 - 11/30/71
D-22051	C-16854	11/17/71 - 11/20/71
D-22052	C-16855	11/30/71 - 12/04/71
D-22053	C-16856	12/04/71 - 12/08/71
D-22977	C-17439	2/08/72 - 2/11/72
D-22978	C-17440	2/12/72 - 2/16/72
D-22979	C-17441	2/16/72 - 2/20/72
D-22980	C-17442	2/25/72 - 2/29/72
D-22981	C-17443	2/29/72 - 3/03/72
D-22982	C-17444	3/04/72 - 3/08/72
D-22983	C-17445	2/08/72 - 3/11/72
D-22984	C-17446	3/12/72 - 3/16/72
D-22985	C-17447	3/16/72 - 3/20/72
D-22986	C-17448	12/29/71 - 1/01/72

D#	C#	TIME SPAN
D-22987	C-17449	01/02/72 - 01/05/72
D-22988	C-17450	01/06/72 - 01/09/72
D-22989	C-17451	01/10/72 - 01/14/72
D-22990	C-17452	01/18/72 - 01/22/72
D-22991	C-17453	01/22/72 - 01/27/72
D-22992	C-17454	01/27/72 - 01/30/72
D-22993	C-17455	01/03/72 - 02/04/72
D-22994	C-17456	02/04/72 - 02/07/72
D-23964	C-17941	03/21/72 - 03/24/72
D-23965	C-17942	03/25/72 - 03/28/72
D-23966	C-17943	03/29/72 - 04/01/72
D-23967	C-17944	04/02/72 - 04/05/72
D-23968	C-17945	04/06/72 - 04/10/72
D-23969	C-17946	04/10/72 - 04/16/72
D-2397 0	C-17947	04/16/72 - 04/18/72
D-23971	C-17948	04/19/72 - 04/23/72
D-23972	C-17949	04/23/72 - 04/26/72
D-23973	C-17950	04/27/72 - 04/30/72
D-23974	C-17951	05/01/72 - 05/04/72
D-23975	C-17952	05/05/72 - 05/09/72
D-23976	C-17953	05/09/72 - 05/13/72
D-23977	C-17954	05/14/72 - 05/18/72
D-23978	C-17955	05/18/72 - 05/21/72
D-23979	C-17956	05/26/72 - 05/29/72
D-23980	C-17957	05/30/72 - 06/03/72
D-23981	C-17958	05/30/72 - 06/03/72
D-23982	C-17959	06/03/72 - 06/07/72
D-23983	C-17960	06/08/72 - 06/11/72

M1-019A-07A

APPENDIX 2

Data Record Format

ITEM	TYPE	RELATIVE BYTE LOCATIONS	BYTE SIZE	IDENTIFICATION
1- 4	Integer	1- 8	2	Year, pages 0-3
5- 8	Integer	9- 16	2	Day, pages 0-3
9- 12	Integer	17- 32	4	Milliseconds, pages 0-3
13	Real	33- 36	4	Channel 1, counting rate, page 0
14	Real	37- 40	4	Channel 2, counting rate, page 0
15	Real	41- 44	4	Channel 3, counting rate, page 0
16	Real	45- 48	4	Channel 41, counting rate, page 0
17	Real	49- 52	4	Channel 42, counting rate, page 0
18	Real	53- 56	4	Channel 43, counting rate, page 0
19	Real	57- 60	4	Channel 1, counting rate, page 0
20	Real	61- 64	4	Channel 2, counting rate, page 0
21	Real	65- 68	4	Channel 3, counting rate, page 0
22	Real	69- 72	4	Channel 41, counting rate, page 0
23	Real	73- 76	4	Channel 42, counting rate, page 0
24	Real	77- 80	4	Channel 43, counting rate, page 0
25- 36	Real	81- 128	4	Repeat of 13-24, page 1
37- 48	Real	129- 176	4	Repeat of 13-24, page 2
49- 60	Real	177- 224	4	Repeat of 13-24, page 3
61-108	Real	225- 416	4	Uncertainties corresponding to items 13-60
109-156	Integer	417- 464	1	Quality flags corresponding to items 13-60
157-164	Real	465- 496	4	Channel 41s counting rate, sectors 0-7, page 0
165	Real	497- 500	4	Channel 41s sector average, page 0
166-174	Real	501- 536	4	Repeat of 157-165 for channel 42s

ITEM	TYPE	RELATIVE BYTE LOCATIONS	BYTE SIZE	IDENTIFICATION
175-183	Real	537- 572	4	Repeat of 157-165 for channel 44s
184-192	Real	573- 608	4	Repeat of 157-165 for channel 5s
193-228	Real	609- 752	4	Repeat of 157-192 for page 1*
229-264	Real	753- 896	4	Repeat of 157-192 for page 2*
265-300	Real	897-1040	4	Repeat of 157-192 for page 3*

* At high bit rate (used virtually all the time), one set of sectored rates is obtained every 4 pages; these rates are given in words 157-192 and are repeated in words 193-300. At low bit rate, one set of sectored rates is obtained per page.

```
IEF285I    VOL SER NOS= K3SYS2.
IEF285I    SYS1.FORTLIB                                  KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS2.FORTLIB                                  KEPT
IEF285I    VOL SER NOS= K3SYS2.
IEF285I    SYS1.PL1LIB                                   KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS1.FORTSSP                                  KEPT
IEF285I    VOL SER NOS= K3SYS2.
IEF285I    SYS2.COBLIB                                   KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS1.ALGLIB                                   KEPT
IEF285I    VOL SER NOS= K3SYS6.
IEF285I    SYS76163.T164933.RV000.YZJRJKDF.LODMOD        PASSED
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76163.T164933.SV000.YZJRJKDF.R0000995      SYSOUT
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76163.T164933.SV000.YZJRJKDF.R0000996      SYSOUT
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76163.T164933.RV000.YZJRJKDF.R0000997      DELETED
IEF285I    VOL SER NOS= K3SCR3.
IEF285I    SYS76163.T164933.RV000.YZJRJKDF.S0000998      SYSIN
IEF285I    VOL SER NOS= K3SCR2.
IEF285I    SYS76163.T164933.RV000.YZJRJKDF.S0000998      DELETED
IEF285I    VOL SER NOS= K3SCR2.
IEF373I STEP /LINK     / START 76163.2312
IEF374I STEP /LINK     / STOP  76163.2313 CPU    0MIN 01.47SEC MAIN 130K LCS    0K
- STEP 01 -      RETURN CODE = 0000                                STEP TIME =      .20 MINS=(CPU=      .02,IO=      .18)
                                   IO IN SECS. DISK=   10.40,DRUM=      .56,TAPE=      .00,CEL.=      .00,OTHR=      .16
      XXGO        EXEC PGM=*.LINK.SYSLMOD,COND=(4,LT),REGION=70K                    00000230
      XXFT05F001 DD  DDNAME=DATA5                                                   00000240
      XXFT06F001 DD SYSOUT=&OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=&BLKSIZE)          00000250
      IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265)
      XXFT07F001 DD SYSOUT=B,DCB=(RECFM=FB,BLKSIZE=7280,LRECL=80)                   00000260
      XXSYSPRINT DD SYSOUT=&OUT,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=&BLKSIZE),         00000270
      IEF653I SUBSTITUTION JCL - SYSOUT=A,DCB=(RECFM=VBA,LRECL=137,BLKSIZE=7265),
      XX            SPACE=(CYL,(0,1)),UNIT=(DISK,3)                                 00000280
      //GO.FT08F001 DD UNIT=(9TRACK,,DEFER),LABEL=(,BLP,,IN),DISP=SHR,
      //            DCB=(RECFM=U,BLKSIZE=32000,DEN=2),DSN=JRJDMP,
      //            VOL=SER=JJ0068
      //GO.DATA5 DD *
      //
IEF236I ALLOC. FOR YZJRJKDF GO
IEF237I 231    ALLOCATED TO PGM=*.DD
IEF237I 232    ALLOCATED TO FT05F001
IEF237I 332    ALLOCATED TO FT06F001
IEF237I 331    ALLOCATED TO FT07F001
IEF237I 332    ALLOCATED TO SYSPRINT
IEF237I 231    ALLOCATED TO SYSPRINT
IEF237I 232    ALLOCATED TO SYSPRINT
IEF237I 0C3    ALLOCATED TO FT08F001
```

D-23964 C-17941

T5165

3/21/72 - 3/24/72

RECORD 1 OF FILE 2
LENGTH = 20984 BYTES

```
51F80000  08320000  FFFE005A  00000010  00000749  00000001  07B40051  005265C0  07B40051  00B37180
000004FE  00000001  00000008  00011617  005A0008  07B400AD  02E9FCA8  07B40051  0097CD99  00165A40
00000000  00000000  07B407B4  07B407B4  00510051  00510051  0097CD99  00981D7E  00986D63  0098BD49
431E64FF  432A883C  451433E6  44736CB6  42DEA85E  40640005  431E64FF  432B1EA5  451455E4  447A7584
42D22599  40C80014  431E32E6  432BB510  451455E4  44669448  429EEFED  40320001  431E32E6  432C4B7C
451455E4  4478B22B  42C60711  4096000B  431D386C  432BE734  451455E4  446D4EFE  42AAA9E7  41190005
431EC931  4329BF82  451465E4  44692DCE  4298AEEE  40FA001F  431E64FF  432AEC82  45141FF8  44744D26
42D3B5EF  4112C002  431E9718  4329F1D4  451477F2  44684FC7  429C978C  40FA001F  419C02AB  41B8960B
42893F7E  424E2E62  41698934  4046B5F3  419C02AB  41B9DBC1  4289C337  4250AA43  416686E1  4064000A
419B81C3  41BB1F47  4289C337  4249792D  415928C8  40320001  419B81C3  41BC60A8  4289C337  42500C5C
41638680  4056CA46  4198F6EE  41BB8AA5  4289C337  424BF818  415C6417  408D6BF9  419D033D  41B6E047
4289C337  424A7212  41576315  406FCDBA  419C02AB  41B96F70  4288BBBA  424E7E81  4166E864  407A7985
419C8329  41B74E17  428A46E7  424A1F56  41587FB5  406FCDBA  00000000  00000000  00000000  00000000
00000000  00000000  00000000  00000000  00000000  00000000  00000000  00000000  4466397D  445EA8A7
4420D366  44270C70  44453961  44405583  44203C33  442A9F3D  443BA58C  4313AFBE  42BD2499  422480AE
422FEEE4  42A64502  4289AE46  421FA515  42908AB2  4285965E  4225A54B  00000000  00000000  00000000
00000000  00000000  00000000  422480AE  419449F2  436167C5  4355E8DE  4338A239  4339C7DE  433AED89
43377C9B  43365700  434A6C1F  43439CFA  4466397D  445EA8A7  4420D366  44270C70  44453961  44405583
44203C33  442A9F3D  443BA58C  4313AFBE  42BD2499  422480AE  422FEEE4  42A64502  4289AE46  421FA515
42908AB2  4285965F  4225A54B  00000000  00000000  00000000  00000000  00000000  00000000  422480AE
```

0000002A	3F196B62	00000029	41107870	00000029	00000000	00B40000	07B40054	00030018	00000005
427AB829	4153AB39	4527DD7D	452635C0	44B334CD	C41F1F7A	452635C0	44B17DAE	4427C157	4210918B
4219E9AF	3D13A7B0	4110BE8B	4111B4B6	4219A594	415C5BB5	41C939BB	42600000	C24370A3	425DC000
416D0726	0000015F	416853BA	0000015F	407D123B	0000015F	405851AF	0000015F	3F68D7E4	0000015F
3F223023	0000015F	40586D76	0000002B	40139911	0000002B	3F10A9C7	0000002B	411083DA	0000002B
00000000	00B40000	07B40054	00030018	00000006	426C5982	414A86FF	4527147F	45255BC9	44B3590C
C4270229	45255BC9	44B61B39	4416E75D	421111D2	42197D16	3D14F04F	4110F9E2	4112669F	42192713
41697B76	41C9372D	42600000	C24370A3	425DC000	416E2242	0000015A	4167F4C0	0000015A	406F458C
0000015A	40720470	0000015A	3F8F5A45	0000015A	3F196EFB	0000015A	4071082A	0000002A	4019C91B
0000002A	3F129D56	0000002A	411145EC	0000002A	00000000	00B40000	07B40054	00030018	00000007
425E01C1	4140FD74	4526415A	452475C9	44B34873	C42ED838	452475C9	44B92F25	4369B040	42119F46
4218FAD1	3D16509F	411107A0	411321FC	4218A205	416C46CF	41C9372D	42600000	C24370A3	425DC000
416E3A02	00000159	41670687	00000159	40801DAE	00000159	408A42CA	00000159	3F9DAE61	00000159
3E94D65A	00000158	4089F135	0000002B	4017C377	0000002B	3F153518	0000002B	4111CF94	0000002B
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RECORD 5 OF FILE 5
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