NASA TRAINING AND DEVELOPMENT SYSTEM (NTDS) / ADMINSTAR CONVERSION DOCUMENT

PrISMS Contract

May 1998

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

TABLE OF CONTENTS

Section **Title**
Page

1.0 Purpose 1
2.0 NTDS REQUIREMENTS 1
3.0 DATA FORMAT 1
4.0 FILE FORMAT.....2
5.0 TRANSMIT FILES TO SESAAS.....2
6.0 SPECIFIC REQUIREMENTS OF FILES 2
Appendix A 3
Appendix B.....4
Appendix C.....5
Appendix D 6
Appendix E.....7
Appendix F 8
Appendix G 9
Appendix H.....10
Appendix I.....11
Appendix J.....14

1.0 **Purpose**

The purpose of this Conversion Document is to define the conversion tools used in the interfaces between NASA Training and Development System (NTDS) and AdminSTAR, a client-server commercial off-the-shelf (COTS) package. The Conversion Document forms the baseline specification to be implemented by NTDS and AdminSTAR.

2.0 **NTDS Requirments**

NTDS will provide extracts of learner, org, course, instructor, instructor qualified, location, email, and course history. Information will be placed in the following files for SESAAS to pick up:

XXMOV.NTDSPP.LEARNER	(NTDS Learner)
XXMOV.NTDSPP.DEPT	(NTDS Department)
XXMOV.NTDSPP.COURSE	(NTDS Course)
XXMOV.NTDSPP.INSTRUCT	(NTDS Instructor)
XXMOV.NTDSPP.INSTQUAL	(NTDS Instructor Qualified)
XXMOV.NTDSPP.LOCATION	(NTDS Location)
XXMOV.NTDSPP.LRNRCRS	(NTDS History – Active)
XXMOV.NTDSPP.LRNRCRS.INACTIVE	(NTDS History – Inactive)
XXMOV.NTDSPP.ARCHIV1 thru 10	(NTDS Training History)

Where XX equals:

MS for Marshall Space Flight Center
GS for Goddard Space Flight Center
SS for Stennis Space Center
HQ for Headquarters
LE for Glenn Research Center
LA for Langley Research Center
KS for Kennedy Space Center
J5 for Johnson Space Center
AR for Ames Research Center
DF for Dryden Flight Research Center

3.0 **DATA FORMAT**

XXMOV.NTDSPP.LEARNER	(NTDS Learner)
XXMOV.NTDSPP.DEPT	(NTDS Department)
XXMOV.NTDSPP.COURSE	(NTDS Course)

XXMOV.NTDSPP.INSTRUCT (NTDS Instructor)
XXMOV.NTDSPP.INSTQUAL (NTDS Instructor Qualified)
XXMOV.NTDSPP.LOCATION (NTDS Location)
XXMOV.NTDSPP.LRNRCRS (NTDS History – Active)
XXMOV.NTDSPP.LRNRCRS.INACTIVE (NTDS History – Inactive)
XXMOV.NTDSPP.ARCHIV1 thru 10 (NTDS Training History)

- Numeric data shall be right justified and zero filled. Empty data elements shall contain zeros.
- Alphabetic data shall be left justified and space filled. Empty data elements shall contain spaces.

4.0 **FILE FORMAT**

The exported files will be recorded in a sequential file (flat file) with records of fixed length.

TRANSMIT FILES TO SESAAS

Data from each NTDS site will be transmitted to the Transient Storage Pool(TSP) where it will be picked up by SESAAS and loaded into AdminSTAR.

SPECIFIC REQUIREMENTS OF FILES

At each NTDS site the Learner (See Attachment A), org (See Attachment B), Course (See Attachment C), Instructor (See Attachment D), Instructor Qualified (See Attachment E), Location (See Attachment F), Email (See Attachment G), Course History (See Attachment H) will be transmitted to SESAAS via TSP.

Appendix A

LEARNER data

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	PER-SSN	
2	22	10-31	PER-NAMELAST	
3	12	32-43	PER-NAMEFIRST	
4	1	44	PER-NAMEMIDDLE	
5	5	45-49	PER-INSTALL	
6	10	50-59	PER-ORGASSIGN	5 blanks + org code
7	10	60-69	PER-ORGLOC	
8	1	70	PER-SEX	
9	11	71-81	PER-SSN	
10	10	82-91	PER-BIRTHDTE	
11	1	92	PER-MINCDE	
12	10	93-102	PER-ORGLOC	
13	1	103	Assigned value	‘1’
14	25	104-128	Blank	
15	25	129-153	Blank	
16	25	154-178	Blank	
17	25	179-203	Blank	
18	25	204-228	Blank	
19	25	229-253	Blank	
20	25	254-278	Blank	
21	25	279-303	Blank	
22	25	304-328	Blank	
23	25	329-353	Blank	
24	53	354-406	Blank	

Appendix B

ORG (Organization data)

Field Number	Length	Column	Source Data Field	Remarks
1	5	1-5	ORG	
2	4	6-9	INSTALLATION	
3	55	10-64	ORG-REM1	

Appendix C

COURSE (Course data)

Field Number	Length	Column	Source Data Field	Remarks
1	8	1-8	CRS-CD	
2	60	9-68	CRS-CD-NAME	
3	9	69-77	TUTN-CST + BKS-MATL-CST + OTH-DIR-CST	
4	4	78-81	(CRS-ONDUTY-HRS + CRS-OFFDUTY-HRS) / 8.0	
5	7	82-88	ACAD-CRS-CR-HRS	
6	1	89-89	INSTR-REQ-IND	
7	1	90-90	Assigned Value	'Y'
8	9	91-99	BKS-MATL-CST	
9	9	100-108	TUTN-CST	
10	9	109-117	OTH-DIR-CST	
11	1	118-118	DIR-CST-CD	
12	7	119-125	CRS-ONDUTY-HRS	
13	6	126-131	CRS-OFFDUTY-HRS	
14	32	132-163	SOURCE-TRN-CD & Assigned	
15	2	164-165	SPC-INT-TRN-PGM-CD	
16	1	166-166	ACAD-CR-CD	
17	3	167-169	EDS-CD	
18	19	170-188	Blank	
19	25	189-213	Blank	
20	25	214-238	Blank	
21	180	239-418	Description 1	
22	140	419-558	Description 2	

Appendix D

INSTRUCTOR

Field Number	Length	Column	Source Data Field	Remarks
1	22	1-22	INSTR-NAME (01-22)	Lastname
2	12	23-34	INSTR-NAME (23-34)	Firstname
3	14	35-48	INSTR-PHN	
4	9	49-57	INSTR-CD	

Appendix E

INSTRUCTOR QUALIFIED

Field Number	Length	Column	Source Data Field	Remarks
1	8	1-8	INSTR-QUAL-CRS-CD	
2	9	9-17	INSTR-CD	

Appendix F

LOCATION

Field Number	Length	Column	Source Data Field	Remarks
1	10	1-10	Assigned Value	
2	187	11-197	ORG-REM1 & Assigned Value	

Appendix G

EMAIL

Field Number	Length	Column	Source Data Field	Remarks
1	9	1-9	SSN	
2	100	10-199	Email Address	

***** SESAAS will perform an initial load of email addresses in AdminStar for any requesting center. However, SESAAS does not provide a tool to extract email data. Each center will need to create the data file in the format specified above using the same dataset naming standards for first and second level qualifiers as defined in this document. The third level qualifier should be identified as EMAIL. For example, the email dataset name for LaRC would be as follows: LAMOV.NTDSPP.EMAIL. The dataset should be posted on the Transient Storage Pool if extracted from the mainframe and notify Jacky.Davis@msfc.nasa.gov when it is ready. Otherwise, send the file via email to Jacky.Davis@msfc.nasa.gov.**

Appendix H

COURSE HISTORY

Field Number	Length	Column	Source Data Field	Remarks
1	50	1-50	CRS-CD-NAME	
2	9	51-59	SSN	
3	8	60-67	CRS-SESS-STR-DT	
4	8	68-75	CRS-SESS-END-DT	

Appendix I

NTDS / AdminSTAR Crosswalk

NTDS File	NTDS Data Element	Conversion Rule		AdminSTAR Table	AdminSTAR Data Element	Conversion Rule
ntds-nps2-per-master	per-install	must = to center & duty status ne 'Z'		learner	affiliate_sakey	Turnkey Import:Learner
ntds-nps2-per-master	per-ssn			learner	ssn	Turnkey Import:Learner
ntds-nps2-per-master	per-namelast			learner	lastname	Turnkey Import:Learner
ntds-nps2-per-master	per-namefirst			learner	firstname	Turnkey Import:Learner
ntds-nps2-per-master	per-namemiddle			learner	middle	Turnkey Import:Learner
ntds-nps2-per-master	per-orgassign			learner	dept_sakey	Turnkey Import:Learner
ntds-nps2-per-master	per-orgloc			learner	location_sakey	Turnkey Import:Learner
ntds-nps2-per-master	per-sex			learner	sex	Turnkey Import:Learner
ntds-nps2-per-master	per-birthdte			learner	birth_date	Turnkey Import:Learner
ntds-nps2-per-master	per-mincde			learner	ethnic_origin	Turnkey Import:Learner
ntds-nps2-per-master	per-orgloc			learner	mailcode	Turnkey Import:Learner
assigned value	supervision-code			learner	not used	Turnkey Import:Learner
ntds-nps2-org-tbl	org	Must = to center, rec_id = '31'		department	dept_id	Turnkey Import:department
ntds-nps2-org-tbl	installation			department	affiliate_sakey	Turnkey Import:department
ntds-nps2-org-tbl	org-rem1			department	name	Turnkey Import:department
ntds-crs-sess	crs-cd	crs-fiscal-yr = #parm, crs-sess-no = '1 ', recd-typ = 'C1'		course	course_id	Turnkey Import:course
ntds-crs-sess	crs-cd-name			course	course_name	Turnkey Import:course
ntds-crs-sess	tutn-cst + bks-matl-cost + oth-dir-cst			course	default_cost	Turnkey Import:course

NTDS File	NTDS Data Element	Conversion Rule		AdminSTAR Table	AdminSTAR Data Element	Conversion Rule
ntds-crs-sess	(crs-onduty-hrs + crs-offduty-hrs) / 8.0			course	num_of_days	Turnkey Import:course
ntds-crs-sess	acad-crs-cr-hrs			course	credit_hours	Turnkey Import:course
ntds-crs-sess	instr-req-ind	if not blank send "Y".		course	self_study	Turnkey Import:course
assigned value	self-enroll	"Y"		course	self_enroll	Turnkey Import:course
ntds-crs-sess	bks-matl-cst			course	user1	Turnkey Import:course
ntds-crs-sess	tutn-cst			course	user2	Turnkey Import:course
ntds-crs-sess	oth-dir-cst			course	user3	Turnkey Import:course
ntds-crs-sess	dir-cst-cd			course	user4	Turnkey Import:course
ntds-crs-sess	crs-onduty-hrs			course	user7	Turnkey Import:course
ntds-crs-sess	crs-offduty-hrs			course	user8	Turnkey Import:course
ntds-crs-sess	source-trn-cd & Assigned Value	if source-trn-cd = '4B' training-decription = ' Non-Govt off the shef, other' else training-description = 'State or local Governmt'		course	user9	Turnkey Import:course
ntds-crs-sess	spc-int-trn-pgm-cd			course	user10	Turnkey Import:course
ntds-crs-sess	acad-cr-cd			course	user11	Turnkey Import:course
ntds-crs-sess	eds-cd			course	user12	Turnkey Import:course
none	blank			course	user13	Turnkey Import:course
none	blank			course	user14	Turnkey Import:course
none	blank			course	user15	Turnkey Import:course
ntds-crs-sess	crs-descr-short/ crs-descr-long1/ crs-descr-long2	if crs-descr-long1 = ' ' then crs-descr-short is used else crs-descr-long1 + long2 is used.		course	description	Turnkey Import:course
ntds-crs-admin	instr-name (01-22)			instructor	lastname	Turnkey Import:instructor
ntds-crs-admin	instr-name (23-34)			instructor	firstname	Turnkey Import:instructor
ntds-crs-admin	Instr-phn			instructor	phone	Turnkey Import:instructor

NTDS File	NTDS Data Element	Conversion Rule		AdminSTAR Table	AdminSTAR Data Element	Conversion Rule
ntds-crs-admin	Instr-cd	must not be blank		instructor	instructor_id	Turnkey Import:instructor
ntds-crs-admin	instr-qual-crs-cd			instructor_qualified	instructor_sakey	Turnkey Import:instructor qualified
ntds-crs-admin	Instr-cd			instructor_qualified	course_sakey	Turnkey Import:instructor qualified
assigned value	assigned value	must = to center, rec_id = '31'		location	location_id	Turnkey Import:location
ntds-nps2-org-tbl	org-rem1 & assigned value			location	location_name	Turnkey Import:location
assigned value	assigned value			location	address	Turnkey Import:location
assigned value	assigned value			location	city	Turnkey Import:location
assigned value	assigned value			location	state	Turnkey Import:location
assigned value	assigned value			location	zip	Turnkey Import:location
ntds-trn-hist	crs-cd-name	Two files produced. One for inactive and the other for active. For active if duty status ne ‘z’. For inactive if duty status = ‘z’ or not found condition. Also for inactive the crs-sess-end-dt has to be >= ‘10/01/94’		outside_courses	course_name	must exist
ntds-trn-hist	ssn			outside_courses	learner_sakey	must exist
ntds-trn-hist	crs-sess-str-dt			outside_courses	date_started	must exist
ntds-trn-hist	crs-sess-end-dt			outside_courses	date_completed	must exist

Appendix J

TOOLS

The tools below will be made available at the central distribution facility:

TOOLAS01 - Creates the extract file for NASA learners.
TOOLAS08 - Creates the extract file for departments or orgs.
TOOLAS03 – Creates the extract file for Course.
TOOLAS04 – Creates the extract file for Instructor.
TOOLAS05 – Creates the extract file for Instructor Qualified.
TOOLAS09 – Creates the extract file for Location.
TOOLAS12 – Creates the extract file for Learner Outside Courses.
TOOLAS20 – Creates the extract files for History Training / Archive

These tools(objects) need to be copied over the center's production environment.

The following JCL is an example of how the above tools should be setup:

LEARNER

```
//IRCALRNR JOB (MSIRMCAPP004),ABSHER,CLASS=D,
//          MSGCLASS=A,MSGLEVEL=(1,1),
//          NOTIFY=MSBCA
//*
//STEP0005 EXEC PGM=IEFBR14
//CMWKF01  DD  DSN=LAMOV.NTDSPP.LEARNER,
//          DISP=(MOD,DELETE),
//          SPACE=(CYL,(50,1),RLSE)
//*
//STEP0010 EXEC N05Z,COND=(0,LT)
//CMWKF01  DD  DSN=LAMOV.NTDSPP.LEARNER,
//          DISP=(,CATLG,DELETE),UNIT=SYSDA,
//          DCB=(RECFM=FB,LRECL=406,BLKSIZE=23548),
//          SPACE=(CYL,(50,1),RLSE)
//CMPRINT  DD  SYSOUT=(A,P3103102)
```

```
//CMPRT01  DD  SYSOUT=(A,P3103102)
//CMSYNIN  DD  *
NTMAINT,NTBATCH
NTBATCH
TOOLAS01 2300
FIN
/*
//
```

***** The center number needs to be supplied as a parm for TOOLAS01 as shown above.**

DEPARTMENT

```
//IRCADPT  JOB (MSIRMCAPP004),ABSHER,CLASS=D,
//          MSGCLASS=A,MSGLEVEL=(1,1),
//          NOTIFY=MSBCA
//*
//STEP0005 EXEC PGM=IEFBR14
//CMWKF01  DD  DSN=LAMOV.NTDSPP.DEPT,
//          DISP=(MOD,DELETE),
//          SPACE=(CYL,(50,1),RLSE)
//*
//STEP0010 EXEC N05Z,COND=(0,LT)
//CMWKF01  DD  DSN=LAMOV.NTDSPP.DEPT,
//          DISP=(,CATLG,DELETE),UNIT=SYSDA,
//          DCB=(RECFM=FB,LRECL=64,BLKSIZE=23040),
//          SPACE=(CYL,(50,1),RLSE)
//CMPRINT  DD  SYSOUT=(A,P3103102)
//CMPRT01  DD  SYSOUT=(A,P3103102)
//CMSYNIN  DD  *
NTMAINT,NTBATCH
NTBATCH
TOOLAS08 2300
FIN
/*
```

```
000023 //
```

***** The center number needs to be supplied as a parm for TOOLAS08 as shown above.**

COURSE

```
000001 //IRCACRS  JOB (MSIRMCAPP004),ABSHER,CLASS=D,
000002 //          MSGCLASS=A,MSGLEVEL=(1,1),
000003 //          NOTIFY=MSBCA
000004 //*
000005 //STEP0005 EXEC PGM=IEFBR14
000006 //CMWKF01  DD  DSN=LAMOV.NTDSPP.COURSE,
000007 //         DISP=(MOD,DELETE),
000008 //         SPACE=(CYL,(50,1),RLSE)
000009 //*
000010 //STEP0010 EXEC N05Z,COND=(0,LT)
000011 //CMWKF01  DD  DSN=LAMOV.NTDSPP.COURSE,
000012 //         DISP=(,CATLG,DELETE),UNIT=SYSDA,
000013 //         DCB=(RECFM=FB,LRECL=558,BLKSIZE=5580),
000014 //         SPACE=(CYL,(50,1),RLSE)
000015 //CMPRINT  DD  SYSOUT=(A,P3103102)
000016 //CMPRT01  DD  SYSOUT=(A,P3103102)
000017 //CMSYNIN  DD  *
000018 NTMAINT,NTBATCH
000019 NTBATCH
000020 TOOLAS03 1998
000021 FIN
000022 /*
000023 //
```

***** The fiscal year needs to be supplied as a parm for TOOLAS03 as shown above. Current fiscal year needs to be first supplied and ran. If you have courses in 1999 fiscal year you need to run it again for that year but change the dataset name to another name so rewriting will not occur from the 1998 run.**

INSTRUCTOR

```
000001 //IRCAINST JOB (MSIRMCAPP004),ABSHER,CLASS=D,
000002 //          MSGCLASS=A,MSGLEVEL=(1,1),
000003 //          NOTIFY=MSBCA
000004 //*
000005 //STEP0005 EXEC PGM=IEFBR14
000006 //CMWKF01  DD  DSN=LAMOV.NTDSPP.INSTRUCT,
000007 //          DISP=(MOD,DELETE),
000008 //          SPACE=(CYL,(50,1),RLSE)
000009 //*
000010 //STEP0010 EXEC N05Z,COND=(0,LT)
000011 //CMWKF01  DD  DSN=LAMOV.NTDSPP.INSTRUCT,
000012 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000013 //          DCB=(RECFM=FB,LRECL=57,BLKSIZE=21945),
000014 //          SPACE=(CYL,(50,1),RLSE)
000015 //CMPRINT  DD  SYSOUT=(A,P3103102)
000016 //CMPRT01  DD  SYSOUT=(A,P3103102)
000017 //CMSYNIN  DD  *
000018 NTMAINT,NTBATCH
000019 NTBATCH
000020 TOOLAS04
000021 FIN
000022 /*
000023 //
```

INSTRUCTOR QUALIFIED

```
000001 //IRCAQUAL JOB (MSIRMCAPP004),ABSHER,CLASS=D,
000002 //          MSGCLASS=A,MSGLEVEL=(1,1),
000003 //          NOTIFY=MSBCA
000004 //*
000005 //STEP0005 EXEC PGM=IEFBR14
000006 //CMWKF01  DD  DSN=LAMOV.NTDSPP.INSTQUAL,
000007 //          DISP=(MOD,DELETE),
000008 //          SPACE=(CYL,(50,1),RLSE)
000009 //*
```

```
000010 //STEP0010 EXEC N05Z,COND=(0,LT)
000011 //CMWKF01  DD  DSN=LAMOV.NTDSPP.INSTQUAL,
000012 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000013 //          DCB=(RECFM=FB,LRECL=17,BLKSIZE=23460),
000014 //          SPACE=(CYL,(50,1),RLSE)
000015 //CMPRINT  DD  SYSOUT=(A,P3103102)
000016 //CMPRT01  DD  SYSOUT=(A,P3103102)
000017 //CMSYNIN  DD  *
000018 NTMAINT,NTBATCH
000019 NTBATCH
000020 TOOLAS05
000021 FIN
000022 /*
000023 //
```

LOCATION

```
000001 //IRCALOC  JOB (MSIRMCAPP004),ABSHER,CLASS=D,
000002 //          MSGCLASS=A,MSGLEVEL=(1,1),
000003 //          NOTIFY=MSBCA
000004 //*
000005 //STEP0005 EXEC PGM=IEFBR14
000006 //CMWKF01  DD  DSN=LAMOV.NTDSPP.LOCATION,
000007 //          DISP=(MOD,DELETE),
000008 //          SPACE=(CYL,(50,1),RLSE)
000009 //*
000010 //*************************************************************************
000011 //*   NOTE:  NEED THE PROGRAM NAME IN THE CMSYNIN !!!
000012 //*************************************************************************
000013 //STEP0010 EXEC N05Z,COND=(0,LT)
000014 //CMWKF01  DD  DSN=LAMOV.NTDSPP.LOCATION,
000015 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000016 //          DCB=(RECFM=FB,LRECL=197,BLKSIZE=23115),
000017 //          SPACE=(CYL,(50,1),RLSE)
000018 //CMPRINT  DD  SYSOUT=(A,P3103102)
000019 //CMPRT01  DD  SYSOUT=(A,P3103102)
```

```
000020 //CMSYNIN  DD  *
000021 NTMAINT,NTBATCH
000022 NTBATCH
000023 TOOLAS09 2300
000024 FIN
000025 /*
000026 //
```

***** The center number needs to be supplied as a parm for TOOLAS09 as shown above.**

LEARNER OUTSIDE COURSES

```
000001 //IRCALRNR JOB (MSIRMCAPP004),DAVIS,CLASS=D,
000002 //            MSGCLASS=A,
000003 //            NOTIFY=MSJJD
000004 //*
000005 //STEP0010 EXEC PGM=IEFBR14
000006 //CMDEL01  DD  DSN= LAMOV.NTDSPP.LRNRCRS,
000007 //          DISP=(MOD,DELETE),
000008 //          SPACE=(CYL,(50,1),RLSE)
000009 //CMDEL02  DD  DSN= LAMOV.NTDSPP.LRNRCRS.INACTIVE,
000010 //          DISP=(MOD,DELETE),
000011 //          SPACE=(CYL,(50,1),RLSE)
000012 //STEP0020 EXEC N05Z,COND=(0,LT)
000013 //CMWKF01  DD  DSN= LAMOV.NTDSPP.LRNRCRS,
000014 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000015 //          DCB=(RECFM=FB,LRECL=75,BLKSIZE=7500),
000016 //          SPACE=(CYL,(50,1),RLSE)
000017 //CMWKF02  DD  DSN= LAMOV.NTDSPP.LRNRCRS.INACTIVE,
000018 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000019 //          DCB=(RECFM=FB,LRECL=75,BLKSIZE=7500),
000020 //          SPACE=(CYL,(50,1),RLSE)
000021 //CMPRINT  DD  SYSOUT=(A,P3103102)
000022 //CMPRT01  DD  SYSOUT=(A,P3103102)
000023 //CMSYNIN  DD  *
```

```
000024 NTMAINT,NTBATCH
000025 NTBATCH
000026 TOOLAS12 2300
000027 FIN
000028 /*
```

***** The center number needs to be supplied as a parm for TOOLAS12 as shown above.**

***** Upsizing the CYL maybe necessary due to the volume of records that could be produced.**

ARCHIVE

```
000001 //IRCALRNR JOB (MSIRMCAPP004),DAVIS,CLASS=D,
000002 //          MSGCLASS=A,
000003 //          NOTIFY=MSJJD
000004 //*
000005 //STEP0010 EXEC PGM=IEFBR14
000006 //CMDEL01  DD  DSN= LAMOV.NTDSPP.ARCHIV1,
000007 //         DISP=(MOD,DELETE),
000008 //         SPACE=(CYL,(60,10),RLSE)
000009 //CMDEL02  DD  DSN= LAMOV.NTDSPP.ARCHIV2,
000010 //         DISP=(MOD,DELETE),
000011 //         SPACE=(CYL,(60,10),RLSE)
000012 //CMDEL03  DD  DSN= LAMOV.NTDSPP.ARCHIV3,
000013 //         DISP=(MOD,DELETE),
000014 //         SPACE=(CYL,(60,10),RLSE)
000015 //CMDEL04  DD  DSN= LAMOV.NTDSPP.ARCHIV4
000016 //         DISP=(MOD,DELETE),
000017 //         SPACE=(CYL,(60,10),RLSE)
000018 //CMDEL05  DD  DSN= LAMOV.NTDSPP.ARCHIV5,
000019 //         DISP=(MOD,DELETE),
000020 //         SPACE=(CYL,(60,10),RLSE)
000021 //CMDEL06  DD  DSN= LAMOV.NTDSPP.ARCHIV6,
000022 //         DISP=(MOD,DELETE),
000023 //         SPACE=(CYL,(60,10),RLSE)
000024 //CMDEL07  DD  DSN= LAMOV.NTDSPP.ARCHIV7,
```

```
000025 //          DISP=(MOD,DELETE),
000026 //          SPACE=(CYL,(60,10),RLSE)
000027 //CMDEL08  DD  DSN= LAMOV.NTDSPP.ARCHIV8
000028 //          DISP=(MOD,DELETE),
000029 //          SPACE=(CYL,(60,10),RLSE)
000030 //CMDEL09  DD  DSN= LAMOV.NTDSPP.ARCHIV9,
000031 //          DISP=(MOD,DELETE),
000032 //          SPACE=(CYL,(60,10),RLSE)
000033 //CMDEL10  DD  DSN= LAMOV.NTDSPP.ARCHIV10,
000034 //          DISP=(MOD,DELETE),
000035 //          SPACE=(CYL,(60,10),RLSE)
000036 //CMWKF01  DD  DSN= LAMOV.NTDSPP.ARCHIV1,
000037 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000038 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000039 //          SPACE=(CYL,(60,10),RLSE)
000040 //CMWKF02  DD  DSN= LAMOV.NTDSPP.ARCHIV2,
000041 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000042 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000043 //          SPACE=(CYL,(60,10),RLSE)
000044 //CMWKF03  DD  DSN= LAMOV.NTDSPP.ARCHIV3,
000045 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000046 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000047 //          SPACE=(CYL,(60,10),RLSE)
000048 //CMWKF04  DD  DSN= LAMOV.NTDSPP.ARCHIV4,
000049 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000050 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000051 //          SPACE=(CYL,(60,10),RLSE)
000052 //CMWKF05  DD  DSN= LAMOV.NTDSPP.ARCHIV5,
000053 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000054 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000055 //          SPACE=(CYL,(60,10),RLSE)
000056 //CMWKF06  DD  DSN= LAMOV.NTDSPP.ARCHIV6,
000057 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000058 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000059 //          SPACE=(CYL,(60,10),RLSE)
000060 //CMWKF07  DD  DSN= LAMOV.NTDSPP.ARCHIV7,
```

```
000061 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000062 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000063 //          SPACE=(CYL,(60,10),RLSE)
000064 //CMWKF08  DD  DSN= LAMOV.NTDSPP.ARCHIV8,
000065 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000066 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000067 //          SPACE=(CYL,(60,10),RLSE)
000068 //CMWKF09  DD  DSN= LAMOV.NTDSPP.ARCHIV9,
000069 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000070 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000071 //          SPACE=(CYL,(60,10),RLSE)
000072 //CMWKF10  DD  DSN= LAMOV.NTDSPP.ARCHIV10,
000073 //          DISP=(,CATLG,DELETE),UNIT=SYSDA,
000074 //          DCB=(RECFM=FB,LRECL=1561,BLKSIZE=15610),
000075 //          SPACE=(CYL,(60,10),RLSE)
000076 //CMPRINT  DD  SYSOUT=(A,P3103102)
000077 //CMPRT01  DD  SYSOUT=(A,P3103102)
000078 //CMSYNIN  DD  *
000077 NTMAINT,NTBATCH
000078 NTBATCH
000079 TOOLAS20 6200
000080 FIN
000081 /*
```

***** The center number needs to be supplied as a parm for TOOLAS20 as shown above.**

***** Adjusting the CYL maybe necessary due to the volume of records that could be produced.**

***** Any reference to datasets in the DD cards for the above jcl members needs to point to the appropriate Transient Storage Pool(TSP) area with the associated centers prefix as indicated below:**

HQMOV ---- Headquarters	**ARMOV ---- ARC**
LEMOV ---- Lewis	**LAMOV ---- Langley**
DFMOV ---- Dryden	**GSMOV ---- Goddard**
MSMOV ---- Marshall	**SSMOV ---- Stennis**
J5MOV ---- Johnson	**KSMOV ---- Kennedy**

This will be the area where SESAAS will pick up for transitioning.