

HH	HH	EEEEEEEEEEEE	RRRRRRRRRR	CCCCCCCC	00000000	11	LL	IIIIIIII			
HH	HH	EEEEEEEEEEEE	RRRRRRRRRR	CCCCCCCC	0000000000	111	LL	IIIIIIII			
HH	HH	EE	RR	RR	CC	CC	00	0000	1111	LL	II
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HHHHHHHHHH	EEEEEEEE	RRRRRRRRRR	CC	00	00	00	11	LL	II		
HHHHHHHHHH	EEEEEEEE	RRRRRRRRRR	CC	00	00	00	11	LL	II		
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HH	HH	EE	RR	RR	CC	0000	00	11	LL	II	
HH	HH	EE	RR	RR	CC	000	00	11	LL	II	
HH	HH	EEEEEEEEEEEE	RR	RR	CCCCCCCC	0000000000	1111111111	LLLLLLLLLLLL	IIIIIIII		
HH	HH	EEEEEEEEEEEE	RR	RR	CCCCCCCC	00000000	1111111111	LLLLLLLLLLLL	IIIIIIII		

JJJJJJJJJ	333333333	5555555555	5555555555	AAAAA			
JJJJJJJJJ	33333333333	55555555555	55555555555	AAAAAAAAA			
JJ	33	33	55	55	AA	AA	
JJ		33	55	55	AA	AA	
JJ		33	55	55	AA	AA	
JJ		3333	555555555	555555555	AAAAAAAAA		
JJ		3333	555555555	555555555	AAAAAAAAA		
JJ		JJ	33	55	55	AA	AA
JJ	JJ		33	55	55	AA	AA
JJ	JJ	33	33	55	55	AA	AA
JJJJJJJ	33333333333	55555555555	55555555555	AA	AA		
JJJJJ	3333333333	5555555555	5555555555	AA	AA		

```

****A START JOB 355 HERC01LI IEHLIST ROOM 10.20.21 PM 03 NOV 19 PRINTER1 SYS TK4- JOB 355 START A****
****A START JOB 355 HERC01LI IEHLIST ROOM 10.20.21 PM 03 NOV 19 PRINTER1 SYS TK4- JOB 355 START A****
****A START JOB 355 HERC01LI IEHLIST ROOM 10.20.21 PM 03 NOV 19 PRINTER1 SYS TK4- JOB 355 START A****
****A START JOB 355 HERC01LI IEHLIST ROOM 10.20.21 PM 03 NOV 19 PRINTER1 SYS TK4- JOB 355 START A****

```

J E S 2 J O B L O G

22.20.21 JOB 355 \$HASP373 HERC01LI STARTED - INIT 1 - CLASS A - SYS TK4-
22.20.21 JOB 355 IEF403I HERC01LI - STARTED - TIME=22.20.21
22.20.21 JOB 355 IEFACTRT - Stepname Procstep Program Retcode
22.20.21 JOB 355 HERC01LI LISTPDS IEHLIST RC= 0000
22.20.21 JOB 355 HERC01LI LISTVTOC IEHLIST RC= 0000
22.20.21 JOB 355 IEF404I HERC01LI - ENDED - TIME=22.20.21
22.20.21 JOB 355 \$HASP395 HERC01LI ENDED

----- JES2 JOB STATISTICS -----

03 NOV 19 JOB EXECUTION DATE

26 CARDS READ

196 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

```
1 //HERC01LI JOB (ACCNT),' IEHLIST',CLASS=A,MSGCLASS=A, JOB 355
// USER=HERC01,PASSWORD=
***
*** listpds
***
*** The dasd volume to be printed (from) needs
*** to be allocated to the job step.
***
*** The DDNAME is irrelevant. Used V as DDNAME here.
***
***
2 //LISTPDS EXEC PGM=IEHLIST,COND=((0,EQ),(0,NE))
3 //SYSPRINT DD SYSOUT=*
4 //V DD DISP=SHR,UNIT=SYSALLDA,VOL=SER=PUB000
5 //SYSIN DD *
***
*** listvtoc
*** Note: there is a continuation "X" in pos 72 within the SYSIN
6 //LISTVTOC EXEC PGM=IEHLIST COND=((0,EQ),(0,NE))
7 //SYSPRINT DD SYSOUT=*
8 //V DD DISP=SHR,UNIT=SYSALLDA,VOL=SER=PUB000
9 //SYSIN DD *
//
```

```

IEF236I ALLOC. FOR HERC01LI LISTPDS
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 240 ALLOCATED TO V
IEF237I JES2 ALLOCATED TO SYSIN
IEF237I 240 ALLOCATED TO SYS00001
IEF285I   SYS2.PROCLIB                KEPT          *-----0
IEF285I   VOL SER NOS= PUB000.
IEF142I HERC01LI LISTPDS - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00355.S00103        SYSOUT
IEF285I   SYS19307.T222021.RA000.HERC01LI.R0000001  KEPT          *-----12
IEF285I   VOL SER NOS= PUB000.
IEF285I   JES2.JOB00355.SI0101        SYSIN
IEF373I STEP /LISTPDS / START 19307.2220
IEF374I STEP /LISTPDS / STOP 19307.2220 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    36K SYS    220K
*****
*      1. Jobstep of job: HERC01LI   Stepname: LISTPDS   Program name: IEHLIST   Executed on 03.11.19 from 22.20.21 to 22.20.21 *
*      elapsed time 00:00:00,01          CPU-Identifier: TK4-          Page-in:      0          *
*      CPU time 00:00:00,01          Virtual Storage used:    36K          Page-out:      0          *
*      corr. CPU: 00:00:00,01  CPU time has been corrected by 1 / 1,0 multiplier *
*
*      I/O Operation
*      Number of records read via DD * or DD DATA:      1          *
*      DMY.....0 240.....12 DMY.....0          *
*
*      Charge for step (w/o SYSOUT):          0,01          *
*****
IEF236I ALLOC. FOR HERC01LI LISTVTOC
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 240 ALLOCATED TO V
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I HERC01LI LISTVTOC - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00355.S00104        SYSOUT
IEF285I   SYS19307.T222021.RA000.HERC01LI.R0000002  KEPT          *-----1
IEF285I   VOL SER NOS= PUB000.
IEF285I   JES2.JOB00355.SI0102        SYSIN
IEF373I STEP /LISTVTOC/ START 19307.2220
IEF374I STEP /LISTVTOC/ STOP 19307.2220 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    32K SYS    208K
*****
*      2. Jobstep of job: HERC01LI   Stepname: LISTVTOC   Program name: IEHLIST   Executed on 03.11.19 from 22.20.21 to 22.20.21 *
*      elapsed time 00:00:00,01          CPU-Identifier: TK4-          Page-in:      0          *
*      CPU time 00:00:00,01          Virtual Storage used:    32K          Page-out:      0          *
*      corr. CPU: 00:00:00,01  CPU time has been corrected by 1 / 1,0 multiplier *
*
*      I/O Operation
*      Number of records read via DD * or DD DATA:      2          *
*      DMY.....0 240.....1 DMY.....0          *
*
*      Charge for step (w/o SYSOUT):          0,01          *
*****
IEF375I JOB /HERC01LI/ START 19307.2220
IEF376I JOB /HERC01LI/ STOP 19307.2220 CPU    0MIN 00.02SEC SRB    0MIN 00.00SEC

```

DIRECTORY INFO FOR SPECIFIED PDS ON VOL PUB000
SYS2.PROCLIB

MEMBERS	TTRC	VARIABLE USER DATA --- (USER DATA AND TTRC ARE IN HEX)						
ADDUSER	000A010F	0100000001	16261F0116	261F170000	3F003F0000	D1E4C5D9C7	C5D5404040	
AFPOFF	00090B0F	0100000001	16132F0116	132F213000	0900090000	D1E4C5D9C7	C5D5404040	
AFPON	0009090F	0100000001	16132F0116	132F213000	0900090000	D1E4C5D9C7	C5D5404040	
ALGOFCL	00080D0F	0201000001	14352F0114	352F120000	1300130000	D3C5E5C5D3	4040404040	
ALGOFCLG	0008090F	0201000001	14352F0114	352F120000	1C001C0000	D3C5E5C5D3	4040404040	
ALGOFCL	00080B0F	0201000001	14352F0114	352F120000	1E001E0000	D3C5E5C5D3	4040404040	
ALGOFCLG	0009010F	0201000001	14352F0114	352F120000	2400240000	D3C5E5C5D3	4040404040	
ASMFPCPSU	00050D00							
BSPPILOT	00010100							
BSPSETPF	00001700							
CLEARNDMP	00000F00							
CLEARERP	00000D00							
CLEARSMF	00001100							
COBUC	00020F00							
COBUCG	00021100							
COBUCL	00050300							
COBUCLG	00021300							
COBULG	00021500							
COMPRESS	00050B00							
DBREPORT	00001B00							
DBRESET	0002170F	5000000001	04104F0104	104F132200	0200020000	C8C5D9C3F0	F140404040	
DBRSTART	00021900							
DBSTART	00001D00							
DBSTOP	00001F00							
DELUSER	00090D0F	0100000001	16261F0116	261F170000	2C002C0000	D7F5F34040	4040404040	
DISASM	0008070F	5004000001	05211F0114	332F223000	2C00670000	C7C5D9C8C1	D9C4404040	
DUMPEREP	00002500							
DUMPSMF	00001300							
DYNABLDL	00002100							
DYNAMASK	0000190F	5000000001	02078F0102	078F160800	0400040000	E2E8E9E8C7	E8F1404040	
EREPORT	00002700							
EXHIBIT	0009050F	5005000001	05034F0116	199F143000	1800170008	D1E4C5D9C7	C5D5404040	
FORTGC	00010D00							
FORTGCL	00010F00							
FORTGCLD	00011100							
FORTGCLG	00011300							
FORTGLG	00011500							
FORTHCL	00011700							
FORTHCLD	00011900							
FORTHCLD	00011B00							
FORTHCLG	00020100							
FORTHLG	00020300							
FTPD	0009038F	0101000001	15039F0115	043F200000	0C000C0000	D1E4C5D9C7	C5D5404040	
FTPD-RAC	0009070F	0102000001	15039F0115	074F122500	0C000C0000	D1E4C5D9C7	C5D5404040	
FTPD-STD	0009030F	0101000001	15039F0115	043F200000	0C000C0000	D1E4C5D9C7	C5D5404040	
GCCC	0005150F	0100000001	13356F0113	356F203000	1100110000	C7C3C3D4E5	E240404040	
GCCCG	0008010F	0100000001	14316F0114	316F174500	2B002B0000	E3D2F46040	4040404040	
GCCCL	0006010F	0100000001	13356F0113	356F203000	2B002B0000	C7C3C3D4E5	E240404040	
GCCCLG	0006030F	0100000001	13356F0113	356F203000	3100310000	C7C3C3D4E5	E240404040	
GTFPRINT	00040D00							
INISDMIN	0008030F	0100000001	14331F0114	331F213000	0400040000	E2E8E2D6D7	C5D9404040	

INISDSTD	0008050F	0100000001	14331F0114	331F213000	0400040000	E2E8E2D6D7	C5D9404040
JCCC	0007050F	0100000001	14316F0114	316F174500	1100110000	E3D2F46040	4040404040
JCCCG	00070B0F	0100000001	14316F0114	316F174500	2400240000	E3D2F46040	4040404040
JCCCL	0007070F	0100000001	14316F0114	316F174500	2300230000	E3D2F46040	4040404040
JCCCLG	0007090F	0100000001	14316F0114	316F174500	2B002B0000	E3D2F46040	4040404040
JRP	0005130F	5003000000	75186F0113	299F110000	1700170000	D1E4C5D9C7	C5D5404040
MAP3270	00050500						
MAP3270A	00050700						
MAP3270C	00050900						
PASC	00030200						
PASCG	00030400						
PASCL	00030600						
PASCLG	00030800						
PAXC	00030A00						
PAXCG	00040100						
PAXCL	00040300						
PAXCLG	00040500						
PL1DFC	00010300						
PL1LFC	00010500						
PL1LFCG	00020500						
PL1LFCL	00010700						
PL1LFCLG	00010900						
PL1LFG	00020700						
PL1LFLG	00010B00						
PL360C	0004070F	5001000500	74025F0112	096F163000	0700070000	C8C5D9C3F0	F140404040
PL360CG	0004090F	5007005600	74027F0112	096F163400	0E00100000	C8C5D9C3F0	F140404040
PL360CL	00040B0F	5005001900	74028F0112	096F163500	0F000E0000	C8C5D9C3F0	F140404040
RPGEC	00020900						
RPGECLG	00020B00						
RPGELG	00020D00						
SCRIPT	0004110F	0101000801	12184F0112	184F202100	0800080000	C8C5D9C3F0	F140404040
SCRIPTMN	0005010F	0101001701	12184F0112	184F202100	0A000A0000	C8C5D9C3F0	F140404040
SHUTDOWN	0005110F	0100000001	13196F0113	196F220700	0800080000	E2E8E2D6D7	C5D9404040
SIM	0007010F	0100000001	13363F0113	363F110000	1300130000	D1E4C5D9C7	C5D5404040
SIMC	0006050F	0100000001	13363F0113	363F110000	1200120000	D1E4C5D9C7	C5D5404040
SIMCG	00060D0F	0100000001	13363F0113	363F110000	1900190000	D1E4C5D9C7	C5D5404040
SIMCL	0006070F	0100000001	13363F0113	363F110000	1C001C0000	D1E4C5D9C7	C5D5404040
SIMCLG	0006090F	0100000001	13363F0113	363F110000	1D001D0000	D1E4C5D9C7	C5D5404040
SIMG	00060B0F	0100000001	13363F0113	363F110000	0B000B0000	D1E4C5D9C7	C5D5404040
SMFDAILY	00002300						
SNASOL	00050F0F	0102000901	13180F0113	185F194700	0300080000	C8C5D9C3F0	F140404040
TAPEMAP	00021B00						
TESTVTM2	00040F00						
TSOASML	00001500						
WATFIV	0007030F	0100000001	14273F0114	273F220000	1400140000	D1E4C5D9C7	C5D5404040

OF THE 00011 DIRECTORY BLOCKS ALLOCATED TO THIS PDS, 00001 ARE (IS) COMPLETELY UNUSED

CONTENTS OF VTOC ON VOL PUB000

-----DATA SET NAME-----	ID	SER NO	SEQ NO	CREDIT	EXPDT	REFDT	NO	EXT	DSORG	RECFM	OPTCD	BLKSIZE
SYS2.PROCLIB	1	PUB000	1	31413	00000	30719	1		PO	FB	20	19040

LRECL	KEYLEN	INITIAL	ALLOC	2ND ALLOC/LAST	BLK PTR(T-R-L)	USED	PDS	BYTES	FMT	2	OR	3 (C-H-R)	DSCB (C-H-R)
80		TRKS		6	10 2	13843						0	1 30

EXTENTS	NO	LOW (C-H)	HIGH (C-H)
	0	121 21	122 8

----ON THE ABOVE DATA SET, THERE ARE 7 EMPTY TRACK(S) .

HH	HH	EEEEEEEEEEEE	RRRRRRRRRR	CCCCCCCC	00000000	11	LL	IIIIIIII			
HH	HH	EEEEEEEEEEEE	RRRRRRRRRR	CCCCCCCC	0000000000	111	LL	IIIIIIII			
HH	HH	EE	RR	RR	CC	CC	00	0000	1111	LL	II
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HHHHHHHHHH	EEEEEEEE	RRRRRRRRRR	CC	00	00	00	11	LL	II		
HHHHHHHHHH	EEEEEEEE	RRRRRRRRRR	CC	00	00	00	11	LL	II		
HH	HH	EE	RR	RR	CC	00	00	00	11	LL	II
HH	HH	EE	RR	RR	CC	0000	00	11	LL	II	
HH	HH	EE	RR	RR	CC	000	00	11	LL	II	
HH	HH	EEEEEEEEEEEE	RR	RR	CCCCCCCC	0000000000	1111111111	LLLLLLLLLLLL	IIIIIIII		
HH	HH	EEEEEEEEEEEE	RR	RR	CCCCCCCC	00000000	1111111111	LLLLLLLLLLLL	IIIIIIII		

JJJJJJJJJ	333333333	5555555555	5555555555	AAAAA			
JJJJJJJJJ	3333333333	5555555555	5555555555	AAAAAAAAA			
JJ	33	33	55	55	AA	AA	
JJ		33	55	55	AA	AA	
JJ		33	55	55	AA	AA	
JJ		3333	55555555	55555555	AAAAAAAAA		
JJ		3333	55555555	55555555	AAAAAAAAA		
JJ		33		55	55	AA	AA
JJ	JJ	33		55	55	AA	AA
JJ	JJ	33		55	55	AA	AA
JJJJJJJ	3333333333	5555555555	5555555555	AA	AA		
JJJJJ	333333333	5555555555	5555555555	AA	AA		

```

****A  END  JOB  355  HERC01LI  IEHLIST          ROOM      10.20.21 PM 03 NOV 19  PRINTER1  SYS TK4-  JOB  355  END  A****
****A  END  JOB  355  HERC01LI  IEHLIST          ROOM      10.20.21 PM 03 NOV 19  PRINTER1  SYS TK4-  JOB  355  END  A****
****A  END  JOB  355  HERC01LI  IEHLIST          ROOM      10.20.21 PM 03 NOV 19  PRINTER1  SYS TK4-  JOB  355  END  A****
****A  END  JOB  355  HERC01LI  IEHLIST          ROOM      10.20.21 PM 03 NOV 19  PRINTER1  SYS TK4-  JOB  355  END  A****

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