

MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRRRRRRRRRRR		000	000
MM	MM	AAA	AAA	CCC	RRRRRRRRRRRR		000	000
MM	MM	AAA	AAA	CCC	RRRRRRRRRRRR		000	000
MM	MM	AAAAA	AAAAA	CCC	RRR	RRR	000	000
MM	MM	AAAAA	AAAAA	CCC	RRR	RRR	000	000
MM	MM	AAAAA	AAAAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCC	RRR	RRR	000	000
MM	MM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000	0000000000
MM	MM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000	0000000000
MM	MM	AAA	AAA	CCCCCCCCCCCC	RRR	RRR	0000000000	0000000000

\*\*FILE\*\* ID \*\*LRPTAB

K 4

LL	RRRRRRRR	PPPPPPPP	TTTTTTTT	AAAAAA	BBBBBBBB
LL	RRRRRRRR	PPPPPPPP	TTTTTTTT	AAAAAA	BBBBBBBB
LL	RR RR	PP PP	TT TT	AA AA	BB BB
LL	RR RR	PP PP	TT TT	AA AA	BB BB
LL	RR RR	PP PP	TT TT	AA AA	BB BB
LL	RR RR	PP PP	TT TT	AA AA	BB BB
LL	RRRRRRRR	PPPPPPPP	TT TT	AA AA	BBBBBBBB
LL	RRRRRRRR	PPPPPPPP	TT TT	AA AA	BBBBBBBB
LL	RR RR	PP	TT	AAAAAAA	BB
LL	RR RR	PP	TT	AAAAAAA	BB
LL	RR RR	PP	TT	AA AA	BB BB
LL	RR RR	PP	TT	AA AA	BB BB
LLLLLLLL	RR RR	PP	TT	AA AA	BBBBBBBB
LLLLLLLL	RR RR	PP	TT	AA AA	BBBBBBBB

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	IIII	SS
LL	IIII	SS
LL	IIII	SSSSSS
LL	IIII	SSSSSS
LL	IIII	SS
LL	IIII	SS
LL	IIII	SSSSSSSS
LLLLLLLL	IIIIII	SSSSSSSS

MAC  
Sym  
REG  
REP  
REP  
RFH  
RFH  
RFH  
RFH  
RFH  
RFH  
RGL  
SBT  
SET  
SGN  
SGN  
STA  
STA  
STO  
TIT  
VEC  
VEC  
VEC  
WAR  
WEA  
WOR  
XFE

PSE  
---  
MAC

Pha  
---  
Ini  
Com  
Pas  
Sym  
Pas  
Sym  
Pse  
Crc  
Ass

The  
177  
The  
358  
0 F

(2)	47	State Table	Current token is compared to each state below.
(3)	132	Action Table	Next action the parser should perform.
(4)	212	Pop Table	Number of arguments to pop from parser stack.
(5)	241	LHS Table	Left Hand Side of the statement.
(6)	270	Semantic Action	Dispatch table to semantic action routines.

Mac  
---  
-\$2  
-\$2  
TOT  
0 G  
The  
MAC

```
0000 1 .title mac$lrptab      VAX-11 Macro-32 Assembler Grammar Tables
0000 2 .ident 'V04-000'
0000 3 :
0000 4 :*****
0000 5 :*
0000 6 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 20 :*
0000 21 :* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 22 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 23 :*
0000 24 :*
0000 25 :*****
0000 26 :*
0000 27 :++
0000 28 :*
0000 29 : Facility:
0000 30 :*
0000 31 :     VAX-11 Macro Assembler
0000 32 :*
0000 33 : Abstract:
0000 34 :*
0000 35 :     This module contains the grammar parsing tables for the VAX-11 Macro
0000 36 :     assembler.
0000 37 :*
0000 38 : Environment:
0000 39 :*
0000 40 :     Native Mode, User Mode
0000 41 :*
0000 42 :*
0000 43 : Creation Date: April, 1983    Michael T. Rhodes
0000 44 :*
0000 45 :--
```

0000 47 .sbttl State Table Current token is compared to each state below.  
 0000 48  
 00000000 49 .psect macSparse\_table, noexe, gbl, nowrt, long  
 0000 50 :align long  
 0000 51  
 00000000 52 null=0  
 00000000 53 mtxt1=null  
 00000000 54 mtxt2=null  
 0000 55  
 0000 56 pat\$ab\_symlst::  
 8F 8E 8D 8C 0D 8B 8A 89 01 0B 88 87 0000 57 .byte 135,-  
 57 56 98 97 4C 4B 4A 49 48 50 92 0C 0000 58 136, 11, 1, 137, 138, 139, 13, 140, 141, 142, 143, 12,-  
 63 52 51 60 54 99 58 67 68 66 62 61 0018 59 146, 80, 72, 73, 74, 75, 76, 151, 152, 86, 87, 97,-  
 4E 4F 53 76 77 9A 59 6A 69 6B 65 64 0024 60 98, 102, 104, 103, 88, 153, 84, 96, 81, 82, 99, 100,-  
 94 85 5B 5C 7A 79 A0 7B 9F 9E 90 9C 0030 61 101, 107, 105, 106, 89, 154, 119, 118, 83, 79, 78, 156,-  
 82 81 39 3B 36 A5 A4 A2 12 0E 96 95 003C 62 157, 158, 159, 123, 160, 121, 122, 92, 91, 133, 148, 149,-  
 72 71 74 4D 6C 5D 5E 55 5A A1 A8 A6 0048 63 150, 14, 18, 162, 164, 165, 54, 59, 57, 116, 129, 130, 166,-  
 7C 3C 38 47 46 75 84 70 6F 6E 6D 73 0054 64 168, 161, 90, 85, 94, 93, 108, 77, 71, 56, 60, 124, 125,-  
 44 43 42 41 40 3F 83 3D AC AA 3E 7D 0060 65 109, 110, 111, 112, 132, 117, 70, 71, 56, 60, 124, 125,-  
 88 0A FD 37 33 78 35 34 80 7F 7E 45 006C 66 62, 170, 172, 61, 131, 63, 64, 65, 66, 67, 68, 69,-  
 91 04 90 0B FD 03 0B FC 88 0B FC 0B 0078 67 126, 127, 128, 52, 53, 120, 51, 55, -3, 10, 136, 11,-  
 21 2C B9 1A 20 B8 17 02 B7 31 2F B6 0084 68 -4, 11, 136, -4, 11, 3, -3, 11, 144, 4, 145, 182,-  
 B1 22 12 0C B0 A7 AE 30 2E 2B 93 2D 0090 69 47, 49, 183, 2, 23, 184, 32, 26, 185, 44, 33, 45,-  
 29 B3 28 23 27 24 26 2A 19 25 15 B2 009C 70 147, 43, 46, 48, 174, 167, 176, 12, 18, 34, 177, 178,-  
 FD 31 FD 13 FC 03 91 FD 03 0F OB FD 00A8 71 21, 37, 25, 42, 38, 36, 39, 35, 40, 179, 41, -3,-  
 B1 22 12 0C B0 A7 AE 93 FD 21 FD 14 00B4 72 11, 15, 3, -3, 145, 3, -4, 19, -3, 49, -3, 20,-  
 1D 1C 1B 1A 19 AF FC 1A 19 25 15 B2 00C0 73 -3, 33, -3, 147, 174, 167, 176, 12, 18, 34, 177, 178,-  
 B1 22 12 0C 05 A7 FC AE FD 20 1F 1E 00CC 74 21, 37, 25, 26, -4, 175, 25, 26, 27, 28, 29, 30,-  
 FC 15 B2 B1 22 12 0C 05 A7 FC 15 B2 00D8 75 31, 32, -3, 174, -4, 167, 5, 12, 18, 34, 177, 178,-  
 1F 1E 1D 1C 1B 1A 19 AF 05 16 FC 93 00E4 76 21, -4, 167, 5, 12, 18, 34, 177, 178, 21, -4, 147,-  
 16 FC B5 16 B4 FD 32 31 85 15 FD 20 00F0 77 -4, 22, 5, 175, 25, 26, 27, 28, 29, 30, 31,-  
 FD 19 FD 01 18 FD 01 31 FC 85 FD 0F 00FC 78 -3, 21, 181, -4, 49, 50, -3, 180, 22, 181, -4, 22, 15,-  
 31 FC 30 2E 2B 93 2D 21 31 B9 17 B8 0108 79 -3, 181, -4, 49, 1, -3, 24, 1, -3, 25, 49, -3,-  
 1C 1B 1A 19 AF FC 93 FD 19 FD 18 FD 0114 80 23, 185, 49, 33, 45, 147, 43, 46, 48, -4, 27, 28,-  
 1A 19 AF FC 93 FD 21 FD 20 1F 1E 1D 0120 81 24, -3, 25, -3, 147, -4, 175, 25, 26, 27, 28, 29,-  
 1B 1A 19 AF 17 FD 20 1F 1E 1D 1C 1B 012C 82 30, 31, 32, -3, 33, -3, 147, -4, 175, 25, 26, 27,-  
 FC 93 FD 18 FD 31 FD 20 1F 1E 1D 1C 0138 83 28, 29, 30, 31, 32, -3, 49, -3, 24, -3, 147, -4,-  
 31 FD 20 1F 1E 1D 1C 1B 1A 19 AF 0144 84 29, 30, 31, 32, -3, 49, -3, 24, -3, 147, -4, 175, 25,-  
 1D 1C 1B 1A 19 AF 17 FC 93 FD 18 FD 0150 85 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 49, -3,-  
 AF 17 FC 93 FD 18 FD 31 FD 20 1F 1E 015C 86 24, -3, 147, -4, 23, 175, 25, 26, 27, 28, 29,-  
 18 FD 31 FD 20 1F 1E 1D 1C 1B 1A 19 0168 87 31, 32, -3, 49, -3, 24, -3, 147, -4, 23, 175, 25,-  
 1A 19 AF FC 93 FD 18 FD 31 FD 17 FD 0174 88 26, 27, 28, 29, 30, 31, 32, -3, 49, -3, 24, -3,-  
 FD 10 FD 11 10 FD 20 1F 1E 1D 1C 1B 0180 89 23, -3, 49, -3, 24, -3, 147, -4, 175, 25, 26, 27,-  
 OF FD 02 OF 0C FC 0B FC 02 93 FD 11 018C 90 28, 29, 30, 31, 32, -3, 16, 17, -3, 16, -3, 17,-  
 1E 1D 1C 1B 1A 19 AF FC 93 FC 02 93 0198 91 -3, 147, 2, -4, 11, -4, 12, 15, 2, -3, 15, 147,-  
 20 1F 1E 1D 1C 1B 1A 19 AF FD 20 1F 01A4 92 2, -4, 147, -4, 175, 25, 26, 27, 28, 29, 30,-  
 20 1F 1E 1D 1C 1B 1A 19 AF FC 93 FD 0180 93 32, -3, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3,-  
 15 B2 B1 22 12 0C B0 A7 AE 93 0F FD 01BC 94 147, -4, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3,-  
 FD 29 B3 28 23 27 24 26 2A 1A 19 25 01C8 95 15, 147, 174, 167, 176, 12, 18, 34, 177, 178, 21, 37,-  
 FD 20 1F 1E 1D 1C 1B 1A 19 AF FC 93 01D4 96 25, 26, 42, 38, 36, 39, 40, 179, 41, -3, 147,-  
 FD 0C FD 20 1F 1E 1D 1C 1B 1A 19 AF 01E0 97 -4, 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 175,-  
 B2 B1 22 12 0C B0 A7 AE 93 0F FD 0C 01EC 98 25, 26, 27, 28, 29, 30, 31, 32, -3, 12, -3, 12,-  
 29 B3 28 23 27 24 26 2A 1A 19 25 15 01F8 99 -3, 15, 147, 174, 167, 176, 12, 18, 34, 177, 178,-  
 20 1F 1E 1D 1C 1B 1A 19 AF FC 93 FD 0204 100 37, 25, 26, 42, 38, 36, 39, 40, 179, 41, -3,-  
 9B FD 20 1F 1E 1D 1C 1B 1A 19 AF FD 0210 101 147, -4, 175, 25, 26, 27, 28, 29, 30, 31, 32,-  
 AF FC 02 93 FD 0C FD 0C FD 0F FD 0C 021C 102 175, 25, 26, 27, 28, 29, 30, 31, 32, -3, 155,-  
 AF FC 02 93 FD 0C FD 0C FD 0F FD 0C 021C 103 -3, 15, -3, 12, -3, 12, -3, 147, 2, -4, 175, 25,-

2F	B6	91	FD	20	1F	1E	1D	1C	1B	1A	19	0228	104	26.	27.	28.	29.	30.	31.	32.	-3.	145.	182.	47.	49,-
93	20	21	2C	B9	1A	20	88	17	02	B7	31	0234	105	183.	2.	23.	184.	32.	26.	185.	44.	33.	45.	147.	43,-
15	B2	B1	22	12	0C	BO	A7	AE	30	2E	28	0240	106	46.	48.	174.	167.	176.	12.	18.	34.	177.	178.	21.	37,-
93	FD	29	B3	28	23	27	24	26	2A	19	25	024C	107	25.	42.	38.	36.	39.	35.	40.	179.	41.	-3.	147.	174,-
1A	19	25	15	B2	B1	22	12	0C	BO	A7	AE	0258	108	167.	176.	12.	18.	34.	177.	178.	21.	37.	25.	26.	42,-
1A	19	AF	FD	29	33	28	27	24	26	2A	0264	109	38.	36.	39.	55.	40.	179.	41.	-3.	175.	25.	26.	27,-	
FD	02	0C	FC	S	FD	20	02	0F	FC	02	93	0270	110	28.	29.	30.	31.	32.	-3.	145.	-4.	12.	2.	-3.	147,-
1A	19	AF	FC	93	OB	FC	02	0F	FC	02	93	027C	111	2.	-4.	15.	2.	-4.	11.	147.	-4.	175.	25.	26.	27,-
OF	93	FD	02	0B	FD	20	1F	1E	1D	1C	1B	0288	112	28.	29.	30.	31.	32.	-3.	11.	2.	-3.	147.	15.	2,-
BO	A7	AE	93	A9	A3	FD	11	FC	0F	FC	02	0294	113	-4.	15.	-4.	17.	-3.	163.	169.	147.	174.	167.	176.	12,-
24	26	2A	1A	19	25	15	82	B1	22	12	0C	02A0	114	18.	34.	177.	178.	21.	37.	25.	26.	42.	38.	36.	39,-
FC	04	93	FD	04	0F	FD	29	B3	28	23	27	02AC	115	35.	40.	179.	41.	-3.	15.	4.	-3.	147.	4.	-4.	175,-
FD	13	FD	20	1F	1E	1D	1C	1B	1A	19	AF	02B8	116	25.	26.	27.	28.	29.	30.	31.	32.	-3.	19.	-3.	147,-
1E	1D	1C	1B	1A	19	AF	FC	06	14	FC	93	02C4	117	-4.	20.	6.	-4.	175.	25.	26.	27.	28.	29.	30.	31,-
26	2A	15	B2	B1	22	12	0C	A7	FD	20	1F	02D0	118	32.	-3.	167.	12.	18.	34.	177.	178.	21.	42.	38.	36,-
B1	22	12	0C	A7	FD	29	B3	28	23	27	24	02DC	119	39.	35.	40.	179.	41.	-3.	167.	12.	18.	34.	177.	178,-
93	FD	29	B3	28	23	27	24	26	2A	15	B2	02E8	120	21.	42.	38.	36.	39.	35.	40.	179.	41.	-3.	147.	2,-
19	25	15	B2	B1	22	12	0C	BO	A7	AE	02	02F4	121	174.	167.	176.	12.	18.	34.	177.	178.	21.	37.	25.	26,-
19	AF	FD	29	B3	28	23	27	24	26	2A	1A	0300	122	42.	38.	36.	39.	35.	40.	179.	41.	-3.	175.	25.	26,-
FD	0F	FD	0C	FD	20	1F	1E	1D	1C	1B	1A	030C	123	27.	28.	29.	30.	31.	32.	-3.	12.	-3.	15.	-3.	171,-
FC	06	16	FC	16	93	FD	06	15	FD	15	AB	0318	124	21.	-3.	21.	6.	-3.	147.	22.	-4.	22.	6.	-4.	147,-
OC	BO	A7	AE	93	AD	FC	06	16	FC	16	93	0324	125	22.	-4.	22.	6.	-4.	173.	147.	174.	167.	176.	12.	18,-
27	24	26	2A	1A	19	25	15	82	B1	22	12	0330	126	34.	177.	178.	21.	37.	25.	26.	42.	38.	36.	39,-	
AF	FC	04	93	FD	04	0F	FD	29	B3	28	23	033C	127	40.	179.	41.	-3.	15.	4.	-3.	147.	4.	-4.	175.	25,-
1A	19	AF	FD	20	1F	1E	1D	1C	1B	1A	19	0348	128	26.	27.	28.	29.	30.	31.	32.	-3.	175.	25.	26.	27,-
00	FD	20	1F	1E	1D	1C	1B	1A	19	0354	129	28.	29.	30.	31.	32.	-3.	0	175.	25.	26.	27.			
												035C	130												

					.sbttl Action Table	Next action the parser should perform.									
					.align long										
					pat\$aw_action::										
					.word 118,-										
FFF6 007A	FFF9	FFFA	FFFC	FFFE	0076	035C	132								
0080	FFF1	FFF2	007D	FFF5		035C	133								
FFD4 FFD5	FFD6	FFD7	FFD8	018E	0187	036A	134								
FFCF FFD0	FFD1	FFD2	FFD3			0374	135								
01BD 0193	FFCA	FFCB	FFCC	FFCD	FFCE	0382	136								
FFBD FFBF	FFBF	FFCO	FFC1			038C	137								
021B 01EC	FFB8	FFB9	FFBA	FFBB	01EA	03A4	138	-2,	-4,	-6,	-7,	122,	-10,	-11,	125,
FFAF FFB0	FFB1	FFB2	0222			03B2	139	398,	-40,	-41,	-42,	-43,	-44,	-45,	-46,
FFA2 0279	FFA7	0277	0257	0231	0224	03BC	140	-51,	-52,	-53,	-54,	403,	445,	-63,	-64,
0282 FF9E	FF9F	FFA0	FFA1			03CA	141	-69,	-70,	-71,	-72,	492,	539,	546,	-78,
FF7A FF7B	029A	0298	FFED	0292	028F	03D4	142	561,	599,	631,	-89,	633,	-94,	-95,	-96,
FF75 FF76	FF77	FF78	FF79			03E2	143	658,	-19,	664,	666,	-133,	-134,	-135,	-136,
FF9B FF9C	FF9D	FF92	02F3	02E3	02D3	03EC	144	739,	755,	-110,	-99,	-100,	-101,	-102,	-111,
FFBF FF90	0314	FF91	FF9A			03FA	145	-105,	-106,	-107,	-108,	-109,	-130,	-35,	-39,
FF7E FF93	FF94	FF95	FF96	FF97	FF8E	0404	146	-127,	-128,	-129,	-160,	-161,	-162,	-163,	-173,
FF6C FF6D	FF6E	FFD9	FFDD			0412	147	-150,	792,	810,	-144,	-145,	-120,	-121,	-122,
FF88 FF6F	FF70	032A	0318	FF6A	FF6B	041C	148	4,	-8,	-9,	4,	-12,	-13,	9999,	-16,
FF83 FF84	FF85	FF86	FF87			042A	149	182,	-218,	-219,	-220,	256,	-222,	264,	373,
FF5E FF5F	FF60	FF7F	FF80	FF81	FF82	0434	150	307,	322,	339,	356,	-178,	-191,	210,	-194,
FFFD FFFF	270F	FF53	FF5D			0442	151	228,	-180,	-181,	-202,	-203,	-204,	-205,	-206,
FFF3 FFF4	0004	FFF7	FFF8	0004	FFF8	044C	152	-17,	173,	-23,	9999,	-21,	-22,	132,	178,-10214,
FF22 0100	FF24	FF25	FF26	00B6	00B0	045A	153	9999,	184,	9999,	198,	-178,	-191,	210,	-194,
0119 017B	FF1E	0175	0108			0472	154	228,	-180,	-181,	-182,	160,	208,	-183,	-184,
FF41 FF4E	0164	0153	0142	0133	0125	047C	155	-189,	-190,-10215,	-179,	186,	-192,	-193,	-194,	-195,
00DB FF3C	FF3D	FF3E	00D2			048A	156	185,	-199,	-201,	208,	-183,	-184,	-185,	-186,
FF34 FF35	FF36	FF4B	FF4C	00E4	FF3A	0494	157	9999,	247,	-211,	-214,	-215,	9999,	251,	-210,
00F2 FF30	FF31	FF32	FF33			04A2	158	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
FFE4 FFE8	270F	FFE9	00AD	FFEF	270F	04AC	159	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
270F 00B4	D81A	00B2	0084			04BA	160	275,	-227,	-231,	281,	293,	307,	322,	339,
FF41 FF4E	00C6	270F	00B8	270F	FF0D	04C4	161	9999,	9999,	198,	-178,	-191,	210,	-194,	-195,
00DB FF3C	FF3D	FF3E	00D2			04D2	162	228,	-180,	-181,	-182,	160,	208,	-183,	-184,
00D0 00A0	FF4A	FF4B	FF4C	00E4	FF3A	04DC	163	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
FF45 FF46	FF47	FF48	FF49			04EA	164	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
FF40 00BA	FF4D	D819	FF42	FF43	FF44	04F4	165	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
00DB FF3C	FF3D	FF3E	FF3F			0502	166	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
FF3D FF3E	FF38	FF3B	00A0	00E4	FF3A	050C	167	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
FF48 FF49	00D0	FF37	FF39	00B9	00E6	0524	168	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
FF43 FF44	FF45	FF46	FF47			0532	169	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
270F FF29	FF2A	FF2D	00F7	270F	FF42	053C	170	9999,	247,	-211,	-214,	-215,	9999,	251,	-210,
FF2F 00F4	FF2C	FF2E	00FB			054A	171	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
270F FF1B	0103	00F4	FF2B	270F	00FE	0554	172	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
D815 FF18	270F	FF1A	0106			0562	173	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
0133 0125	0119	FF19	FF1D	0113	FF21	056C	174	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
0115 00B9	0164	0153	0142			057A	175	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
0089 011B	D812	FF18	270F	0117	270F	0584	176	9999,	-213,	244,	259,	-229,	9999,	262,	-230,
FF46 FF47	FF48	FF49	00D0			0592	177	279,	9999,	-232,-10222,	283,	185,	208,	-183,	-184,
270F 0127	D809	FF42	FF43	FF44	FF45	059C	178	-188,	-189,	-190,-10231,	295,	9999,	297,	185,	208,
FF48 FF49	00D0	00B9	0129			05AA	179	-186,	-187,	-188,	-189,	-190,-10232,	318,	208,	-183,
D808 FF42	FF43	FF44	FF45	FF46	FF47	05B4	180	-186,	-187,	-188,	-189,	-190,-10232,			-184,

0140 D806 FF47 FF48 FF49 00D0 013E 05C2	00B9 0144 270F FF44 00D0 014F 05CC	164 -187, -188, -189, -190,-10234,	320, 9999, -235, 9999, 324, 185, 335
FF45 FF46 FF47 FF48 FF49 00D0 014F 05DA	0151 D802 FF42 FF43 FF44 05E4	165 208, -183, -184, -185, -186,	-187, -188, -189, -190,-10238, 337, 9999
00D0 0160 00B9 0155 270F FF13 270F 05FC	FF45 FF46 FF47 FF48 FF49 060A	166 -237, 9999, 341, 185, 352,	208, -183, -184, -185, -186, -187, -188
FF12 270F 0162 D801 FF42 FF43 FF44 0614	00D0 0171 00B9 0166 270F 0622	167 -189, -190,-10239,	354, 9999, -238, 9999, 358, 185, 369, 208, -183
FF43 FF44 FF45 FF46 FF47 FF48 FF49 062C	FF11 270F 0173 D800 FF42 063A	168 -184, -185, -186, -187, -188,	-189, -190,-10240, 371, 9999, -239, 9999
270F FF1F 270F 0179 D83C 0177 270F 0644	FF48 FF49 00D0 00B9 017D 0652	169 375,-10180, 377, 9999, -225,	9999, 381, 185, 208, -183, -184, -185
D80E FF42 FF43 FF44 FF45 FF46 FF47 065C	D8DA FFE7 270F 018C 018A 066A	170 -186, -187, -188, -189, -190,-10226,	394, 396, 9999, -25,-10022, -29
00E8 FFE6 00B9 FFE5 0191 D8D6 FFE3 0674	0198 270F FFC6 01B1 0197 0682	171 -10026, 401, -27, 185, -26, 232,	407, 433, -58, 9999, 411, 423
FF49 00D0 00B9 019D 00B9 FFC5 01A7 068C	FF44 FF45 FF46 FF47 FF48 069A	172 -59, 185, 413, 185, 208, -183,	-184, -185, -186, -187, -188, -189, -188, -189
FF47 FF48 FF49 00D0 D8BB FF42 FF43 06A4	FF42 FF43 FF44 FF45 FF46 06B2	173 -190,-10053, 208, -183, -184,	-185, -186, -187, -188, -189, -190,-10054
FF47 FF48 FF49 00D0 00B9 01B3 D88A 06BC	FF42 FF43 FF44 FF45 FF46 06CA	174 435, 185, 208, -183, -184,	-185, -186, -187, -188, -189, -190,-10055
FF3E 00D2 FF41 FF4E 01E0 01D4 D8B9 06D4	00E4 FF3A 00DB FF3C FF3D 06E2	175 468, 480, -178, -191, 210,	-194, -195, -196, 219, -198, 228, -180
FF33 FF34 FF35 FF36 FF4A FF4B FF4C 06EC	D8B6 00F2 FF30 FF31 FF32 06FA	176 -181, -182, -202, -203, -204,	-205, -206, -207, -208, 242,-10058, 470
FF46 FF47 FF48 FF49 00D0 00B9 01D6 0704	FF46 FF47 FF48 FF49 00D0 071C	177 185, 208, -183, -184, -185,	-186, -187, -188, -189, -190,-10059, 208
FF44 FF45 FF46 FF47 FF48 FF49 00D0 071C	270F FFBC D884 FF42 FF43 072A	178 -183, -184, -185, -186, -187,	-188, -189, -190,-10060, -68, 9999, 494
00D2 FF41 FF4E 0211 0205 270F 01EE 0734	FF3A 00DB FF3C FF3D FF3L 0742	179 9999, 517, 529, -178, -191,	210, -194, -195, -196, 219, -198, 228
FF34 FF35 FF36 FF4A FF4B FF4C 00E4 074C	00F2 FF30 FF31 FF32 FF33 075A	180 -180, -181, -182, -202, -203,	-204, -205, -206, -207, -208, 242,-10071
FF47 FF48 FF49 00D0 00B9 0207 D8A9 0764	FF42 FF43 FF44 FF45 FF46 0772	181 519, 185, 208, -183, -184,	-185, -186, -187, -188, -189, -190,-10072
FF45 FF46 FF47 FF48 FF49 00D0 D8A8 077C	021E D8A7 FF42 FF43 FF44 078A	182 208, -183, -184, -185, -186,	-187, -188, -189, -190,-10073, 542, -103
FFB3 270F FF98 D8A6 0220 270F FF99 0794	00D0 00B9 FFAD 0227 270F 07A2	183 9999, 544,-10074, -104, 9999,	-77, 9999, 551, -83, 185, 208, -183
FF43 FF44 FF45 FF46 FF47 FF48 FF49 07AC	00B6 00B0 FFAB D8A0 FF42 07BA	184 -184, -185, -186, -187, -188,	-189, -190,-10080, -85, 176, 182, -218
0175 0108 FF22 0100 FF24 FF25 FF26 07C4	0133 0125 0119 017B FF1E 07D2	185 -219, -220, 256, -222, 264,	373, -226, 379, 281, 293, 307, 322
FF3E 00D2 FF41 FF4E 0164 0153 0142 07DC	00E4 FF3A 00DB FF3C FF3D 07EA	186 339, 356, -178, -191, 210,	-194, -195, -196, 219, -198, 228, -180
FF32 FF33 FF34 FF35 FF36 FF4B FF4C 07F4	026D D89E 00F2 FF30 FF31 0802	187 -181, -202, -203, -204, -205,	-206, -207, -208, 242,-10082, 621, -178
00DB FF3C FF3D FF3E 00D2 FF41 FF4E 080C	FF4A FF4B FF4C 00E4 FF3A 081A	188 -191, 210, -194, -195, -196,	219, -198, 228, -180, -181, -182, -202
FF30 FF31 FF32 FF33 FF34 FF35 FF36 0824	FF48 FF49 00D0 D89C 00F2 0832	189 -203, -204, -205, -206, -207,	-208, 242,-10084, 208, -183, -184, -185
D89B FF42 FF43 FF44 FF45 FF46 FF47 083C	270F FFA5 027C 0084 FFA8 084A	190 -186, -187, -188, -189, -190,-10085,	-88, 132, 636, -91, 9999, 639
FFE1 00E8 FFA3 FFA6 00B9 FFA4 027F 0854	FF48 FF49 00D0 00B9 0285 0862	191 -92, 185, -90, -93, 232, -31,	645, 185, 208, -183, -184, -185

D8D0 FF42 FF43 FF44 FF45 FF46 FF47 086C 192	-186, -187, -188, -189, -190,-10032, -32, -33, 9999, 662, -37, -38
02B2 270F FFE2 00E8 FFDC 00B9 FFDA 0884 193	185, -36, 232, -30, 9999, 690, 706, 713, -178, -191, 210, -194
00D2 FF41 FF4E 02C9 02C2 0892 194	-195, -196, 219, -198, 228, -180, -181, -182, -202, -203, -204, -205
FF4C 00E4 FF3A 00DB FF3C FF3D FF3E 089C 195	08AA
02B5 D86E 00F2 FF30 FF31 FF32 FF33 08B4 196	-206, -207, -208, 242,-10130, 693, -156,-10129, 696, -157, 185, 208
00B9 FF63 02B8 D86F FF64 08C2 197	08C0
FF44 FF45 FF46 FF47 FF48 FF49 00D0 08CC 198	D85B 02C4 D857 FF42 FF43 08DA
FF49 00D0 00E8 FF67 FF68 00B9 02C6 08E4 199	08FC
FF44 FF45 FF46 FF47 FF48 08F2 200	FF3C FF3D FF3E FF74 D858 FF42 FF43 090A
FF32 FF33 FF34 FF35 FF36 00E4 FF3A 0914 201	0922
030A D863 00F2 FF30 FF31 093A 202	228, -202, -203, -204, -205, -206, -207, -208, 242,-10141, 778, -119
FF3C FF3D FF3E 00D2 FF41 FF4E FF89 0944 203	0944
FF4B FF4C 00E4 FF3A 00DB 0952 204	FF33 FF34 FF35 FF36 FF4A 095C
FF31 FF32 FF33 FF34 FF35 FF36 FF4A 096A 205	096A
FF42 FF43 FF44 FF45 FF46 FF47 FF48 0974 206	D87E FF8D 270F 0316 D87C 0982
0321 D853 FF56 031E D854 0324 031B 098C 207	098C
00E8 FF57 FF58 00B9 FF59 099A 208	804,-10156, 798, -170,-10157, 801, -167, 185, -165, -169, 232, 807
0341 00E8 FF58 FF5C 00B9 FF5A 0327 09A4 209	09A4
FF3E 00D2 FF41 FF4E 0351 09B2 210	FF4B FF4C 00E4 FF3A 00DB FF3C FF3D 09BC
FF33 FF34 FF35 FF36 FF4A 09CA 210	09CA
FF50 0344 D846 00F2 FF30 FF31 FF32 09D4 210	09D4
00D0 00B9 FF4F 0347 D847 09E2 210	-196, 219, -198, 228, -180, -181, -182, -202, -203, -204, -205, -206
FF43 FF44 FF45 FF46 FF47 FF48 FF49 09EC 210	207
FF48 FF49 00D0 D843 FF42 09FA 210	-207, -208, 242,-10170, 836, -176,-10169, 839, -177, 185, 208, -183
D844 FF42 FF43 FF44 FF45 FF46 FF47 0A04 210	0000
0A12 210	-184, -185, -186, -187, -188, -189, -190,-10173, 208, -183, -184, -185
0A14 210	-186, -187, -188, -189, -190,-10172, 0

MAC  
V04

	0A14	212	.sbttl Pop Table	Number of arguments to pop from parser stack.
00 00 01 01 00 00 01 00 01 00 00 01 01 00	0A14	213	.align long	
01 02 00 00 01 01 02 01 00 01 00 01 01 01	0A14	214		
00 01 01 01 01 02 01 01 01 02 02 01	0A14	215		
00 00 00 00 00 00 00 00 01 01 02 00	0A14	216	pat\$ab_pop::	
01 01 00 00 00 01 01 02 03 01 00	0A14	217	.byte 0,-	
00 00 03 02 01 03 00 01 01 00 00 01 00	0A14	218	1, 0,	0,-
01 02 00 00 00 00 00 00 01 01 02 01	0A20	219	1, 0,	0,-
00 00 00 00 00 00 00 00 01 01 02 01	0A2C	220	2, 2,	0,-
02 01 02 02 03 00 00 00 00 01 01 02	0A38	221	1, 1,	0,-
00 00 00 01 00 00 00 00 01 02 02 00	0A44	222	0, 0,	0,-
01 01 00 00 00 01 01 02 03 01 00	0A50	223	2, 1,	0,-
00 00 03 02 01 03 00 01 01 00 00 00	0A5C	224	1, 3,	0,-
00 00 02 00 00 00 00 00 00 00 00 00	0A68	225	1, 0,	0,-
01 01 00 01 02 00 00 00 00 00 00 00	0A74	226	0, 0,	0,-
01 00 00 00 00 00 00 00 00 00 00 00	0A80	227	0, 0,	0,-
00 01 00 01 00 00 00 00 00 00 00 00	0A8C	228	0, 0,	0,-
02 00 03 03 00 00 00 00 00 00 00 00	0A98	229	0, 0,	0,-
02 01 03 02 00 00 00 00 01 00 02 01	0AA4	230	0, 0,	0,-
02 00 02 01 02 00 00 00 01 01 03 02	0ABC	231	2, 1,	0,-
00 00 00 00 00 00 00 00 00 00 00 00	0AC8	232	3, 1,	0,-
00 00 02 01 02 00 01 00 00 00 01 01	0AD4	233	0, 0,	0,-
00 00 02 00 01 02 03 00 00 00 00 00	0AE0	234	1, 0,	0,-
01 00 03 03 01 00 02 00 00 00 02 00	0AE0	235	0, 0,	0,-
04 04 04 00 03 02 01 03 01 02 01 01	0AF8	236	2, 0,	0,-
	0B04	237	1, 2,	1,-
	0809	238	1, 3,	0,-
		239	0, 0,	1,-

0809	241	.sbttl LHS Table	Left Hand Side of the statement.
0809	242	.align long	
0809	243		
080C	244		
080C	245	pat\$ab_lhs::	
080C	246	byte 0,-	
88 88 88 88 88 87 87 87 87 87 86 00	080C	247 134, 135, 135, 135, 135, 135, 135, 136, 136, 136, 136, 136, 136, 136, 136, 136,-	
90 90 90 90 8F 89 89 89 88 88 88 88	0818	248 136, 136, 136, 137, 137, 137, 137, 143, 144, 144, 144, 144, 144, 144, 144, 138,-	
94 95 8D 8D 8D 92 92 92 8B 8B 8B 8A 8A	0824	249 138, 139, 139, 146, 146, 146, 146, 141, 141, 141, 141, 141, 141, 141, 141, 142,-	
8C 8C 8C 8C 8C 8C 8C 96 8E 8E 8E 8A	0830	250 142, 142, 150, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140,-	
8C	083C	251 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140,-	
8C	0848	252 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140,-	
8C	0854	253 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140,-	
8C	0860	254 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140, 140,-	
9F 9F 9F 9B 9B 9A 9A 9A 9A 9A 8C 8C	086C	255 140, 140, 154, 154, 154, 154, 154, 155, 155, 155, 155, 155, 155, 155, 155, 159,-	
98 98 98 9D 9D 9E 9E 9E 9C 99 9F 9F	0878	256 159, 153, 156, 158, 158, 158, 158, 157, 157, 157, 157, 152, 152, 152, 152, 161,-	
97 A0 A1	0884	257 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 161, 151,-	
97 97 97 97 97 97 97 97 97 97 97 97	0890	258 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 151, 166,-	
A9 A9 A3 A3 A3 A2 A2 A2 A2 A8 A6	089C	259 168, 162, 162, 162, 162, 162, 162, 163, 163, 163, 163, 163, 163, 163, 169, 169,-	
AB AB AB AA AA AA A4 A4 A9 A9	08A8	260 169, 164, 164, 170, 170, 170, 170, 170, 170, 170, 171, 171, 171, 171, 171, 171,-	
93 93 AD AD AD AC AS AS AB AB AB	08B4	261 171, 171, 165, 165, 172, 173, 173, 173, 173, 173, 173, 173, 173, 173, 147, 147,-	
AE AF AF AF AF AF AF BO BO BO	08C0	262 176, 176, 175, 175, 175, 175, 175, 175, 175, 175, 175, 175, 175, 175, 175, 174, 174,-	
B1 B1 A7 A7 A7 A7 A7 A7 AE AE	08CC	263 174, 167, 167, 167, 167, 167, 167, 167, 167, 167, 167, 167, 167, 167, 177, 177,-	
B5 B5 B4 B4 B3 B3 B3 B2 B2 B2 B1	08D8	264 177, 178, 178, 178, 179, 179, 179, 179, 179, 179, 180, 180, 180, 180, 181, 181,-	
B6	08E4	265 145, 145, 145, 145, 182, 182, 182, 182, 182, 182, 182, 182, 182, 182, 182, 182,-	
B9 B9 B9 B9 B9 B8 B8 B8 B6 B6 B6	08FO	266 182, 182, 182, 184, 184, 184, 184, 184, 184, 185, 185, 185, 185, 185, 185, 185,-	
00 B7 B9 B9 B9 B9 B9 B9 B9 B9	08FC	267 185, 185, 183, 0	
0C01	268		

.sbttl Semantic Action      Dispatch table to semantic action routines.

0C01	270	.align long	
0C01	271		
0C01	272		
0C04	273		
0C04	274	pat\$al_sem::	
00000000 00000000'00000000	0C04	.long 0-	
0C10	275		
00000000'00000000'00000000	0C10	.GOAL	.MTXT1
00000000 00000000'00000000	0C10	.MTXT3	.MTXT2
00000000'00000000'00000000	0C10	.STAT1	.ERRMRS
00000000'00000000 00000000	0C28	.0	.0
00000000 00000000'00000000	0C34	.ERRDOL	.0
00000000 00000000 00000000	0C40	.0	.0
00000000'00000000'00000000	0C40	.MINST1	.OPRAND
00000000'00000000'00000000	0C58	.ERRREF	.ERRREF
00000000'00000000'00000000	0C64	.LBL2	.LBL1
00000000'00000000'00000000	0C70	.ASSHD1	.ERRASN
00000000'00000000'00000000	0C7C	.IFSPL	.ASSHD3
00000000'00000000'00000000	0C88	.0	.IFSYNT
00000000'00000000'00000000	0C94	.IIF2	.IIF1
00000000'00000000'00000000	0CA0	.MACRO	.IIF
00000000'00000000'00000000	0CAC	.IFTF	.IFT
00000000 00000000'00000000	0CB8	.0	.IRPC
00000000'00000000'00000000	0CC4	.ENABL	.DSABL
00000000'00000000'00000000	0CDC	.PSECT	.NLIST
00000000'00000000'00000000	0CE8	.ENTRY1	.CRESTO
00000000'00000000'00000000	0CF4	.ERRENT	.ERRENT
00000000'00000000'00J00000	0CF4	.ALIGN2	.ALIGN1
00000000'00000000'00000000	0D00	.LIBRY	.DELETE
00000000'00000000'00000000	0DOC	.NARG	.MEXIT
00000000'00000000'00000000	0D18	.SBTTL	.PAGE
00000000'00000000'00000000	0D24	.VECTR0	.IDENT
00000000'00000000'00000000	0D30	.0	.VECTR2
00000000'00000000'00000000	0D3C	.BDEND1	.ENDPRG
00000000'00000000'00000000	0D48	.REPT	.ENDC
00000000'00000000'00000000	0D54	.NTYPE2	.NTYPE1
00000000'00000000'00000000	0D60	.DREF	.ERROR2
00000000'00000000'00000000	0D6C	.ERROPD	.DFNOPC
00000000'00000000'00000000	0D78	.CROENB	.ERROPD
00000000'00000000'00000000	0D84	.EVEN	.ODD
00000000'00000000'00000000	0D90	.GLOBAL	.DEBUG
00000000'00000000'00000000	0D9C	.IDLIST	.WEAK
00000000'00000000'00000000	0DA8	.RFHD2	.RFHD1
00000000'00000000'00000000	0DB4	.RFHD16	.RFHD8
00000000'00000000'00000000	0DC0	.ERROR	.REPTHD
00000000'00000000'00000000	0DCC	.NTHD1	.WARN
00000000'00000000'00000000	0DD8	.BSTAT2	.BSTAT1
00000000'00000000'00000000	0DE4	.BLKBYT	.BLKLNG
00000000'00000000'00000000	0DF0	.BLKLNG	.BLKLNG
00000000'00000000'00000000	0DFC	.BLKQUD	.BLKWRD
00000000 00000000'00000000	0E08	.BLKOCT	.BLKOCT
00000000 00000000'00000000	0E14	.REPTHD	.DATNUL
00000000 00000000'00000000	0E20	.0	.PACKED
00000000 00000000'00000000	0E2C	.FLOAT	.GFLOAT
00000000 00000000'00000000	0E38	.HFLOAT	.DATNUL
00000000 00000000'00000000	0E44	.OCTSTR	.QUAD
00000000 00000000'00000000	0E50	.OCTA	.LONG
00000000 00000000'00000000	0E5C	.SGNBYT	.WORD
00000000 00000000'00000000	0E5C	.DALST1	.ERRDAR

00000000'00000000'00000000'	OE68	327	,DATARG	,DATARG	,ERRDAR
00000000'00000000'00000000'	OE74	328	,ERRDAR	,CHARHD	,CHARHD
00000000'00000000'00000000'	OE80	329	,ASCII	,ASCIZ	,ASCID
00000000'00000000'00000000'	OE8C	330	,ASCIC	,CHRARG	,CHRARG
00000000'00000000'00000000'	OE98	331	,CHRNUL	,CHRNUL	,ERRCHA
00000000'00000000'00000000'	0EA4	332	,ERRCHA	,ERRCHA	,0
00000000'00000000'00000000'	0EB0	333	,ERRADR	,ADDRES	,STOADR
00000000'00000000'00000000'	0EBC	334	,STOADR	,ERRADR	,ERRADR
00000000'00000000'00000000'	0EC8	335	,0	,EXPBIN	,OPCOM
00000000'00000000'00000000'	0ED4	336	,OPSAME	,OPNEG	,OPPLUS
00000000'00000000'00000000'	0EE0	337	,OPMINU	,OPMUL	,OPDIV
00000000'00000000'00000000'	0EEC	338	,OPAND	,OPOR	,OPXOR
00000000'00000000'00000000'	0EF8	339	,OPASH	,0	,PRMUN
00000000'00000000'00000000'	0F04	340	,ERREXP	,PRMSYM	,PRMPC
00000000'00000000'00000000'	0F10	341	,PRMINT	,PRMRDX	,0
00000000'00000000'00000000'	0F1C	342	,PRMBRK	,ERREXP	,ERREXP
00000000'00000000'00000000'	0F28	343	,RDXHEX	,RDXDEC	,RDXBIN
00000000'00000000'00000000'	0F34	344	,RDXOCT	,NUMASC	,NUMFLT
00000000'00000000'00000000'	0F40	345	,0	,MASK	,MASKNL
00000000'00000000'00000000'	0F4C	346	,MASKX	,RGLST1	,REGLST
00000000'00000000'00000000'	0F58	347	,0	,0	,REF1
00000000'00000000'00000000'	0F64	348	,LITERL	,REF2	,REF3
00000000'0000C000'00000000'	0F70	349	,EPRREF	,RDEFER	,AUTOI
00000000'00000000'00000000'	0F7C	350	,AUTOII	,AUTOI3	,AUTODC
00000000'00000000'00000000'	0F88	351	,DISP	,DISPI	,GENLDS
00000000'00000000'00000000'	0F94	352	,ERRBRF	,ERRBRF	,ERRBRF
00000000'00000000'00000000'	0FA0	353	,AINC1	,AINC2	,AINC3
00000000'00000000'00000000'	0FAC	354	,DISPL1	,DISPL2	,DISPL3
00000000'00000000'00000000'	0FB8	355	,DISPL4	,DISPL5	,DISPL6
00000000'00000000'00000000'	0FC4	356	,DISPL7	,DISPL8	,INDEX
00000000'00000000'00000000'	0FD0	357	,0		
	0FD8	358	.end		

ADDRES	*****	X 01	ENDC	*****	X 01	MCALL	*****	X 01
AINC1	*****	X 01	ENDPRG	*****	X 01	MEXIT	*****	X 01
AINC2	*****	X 01	ENTRY1	*****	X 01	MINST1	= 00000000	X 01
AINC3	*****	X 01	ENTRY2	*****	X 01	MTXT1	= 00000000	X 01
ALIGN	*****	X 01	ERRADR	*****	X 01	MTXT2	*****	X 01
ALIGN1	*****	X 01	ERRASN	*****	X 01	MTXT3	*****	X 01
ALIGN2	*****	X 01	ERRBLK	*****	X 01	MTXT4	*****	X 01
ASCIC	*****	X 01	ERRBRF	*****	X 01	NARG	*****	X 01
ASCID	*****	X 01	ERRCHA	*****	X 01	NCHR	*****	X 01
ASCII	*****	X 01	ERRDAR	*****	X 01	NLIST	*****	X 01
ASCIZ	*****	X 01	ERRDOL	*****	X 01	NTHD1	*****	X 01
ASSGN1	*****	X 01	ERREPT	*****	X 01	NTYPE1	*****	X 01
ASSHD1	*****	X 01	ERREXP	*****	X 01	NTYPE2	*****	X 01
ASSHD2	*****	X 01	ERRIF	*****	X 01	NULL	= 00000000	X 01
ASSHD3	*****	X 01	ERRMRS	*****	X 01	NUMASC	*****	X 01
AUTODC	*****	X 01	ERRMST	*****	X 01	NUMFLT	*****	X 01
AUTOI	*****	X 01	ERROPD	*****	X 01	OCTA	*****	X 01
AUTOI3	*****	X 01	ERROR	*****	X 01	OCTSTR	*****	X 01
AUTOII	*****	X 01	ERROR1	*****	X 01	ODD	*****	X 01
BDEND1	*****	X 01	ERROR2	*****	X 01	OPAND	*****	X 01
BDEND2	*****	X 01	ERRREF	*****	X 01	OPASH	*****	X 01
BLKBYT	*****	X 01	EVEN	*****	X 01	OPCOM	*****	X 01
BLKLNG	*****	X 01	EXPBIN	*****	X 01	OPDIV	*****	X 01
BLKOCT	*****	X 01	EXTRN	*****	X 01	OPMINU	*****	X 01
BLKQUD	*****	X 01	FLOAT	*****	X 01	OPMUL	*****	X 01
BLKWRD	*****	X 01	GENLDS	*****	X 01	OPNEG	*****	X 01
BSTAT1	*****	X 01	GFLOAT	*****	X 01	OPOR	*****	X 01
BSTAT2	*****	X 01	GLOBAL	*****	X 01	OPPLUS	*****	X 01
BYTE	*****	X 01	GOAL	*****	X 01	OPRAND	*****	X 01
CHARHD	*****	X 01	HFLOAT	*****	X 01	OPSAME	*****	X 01
CHRARG	*****	X 01	IDENT	*****	X 01	OPXOR	*****	X 01
CHRNUL	*****	X 01	IDLIST	*****	X 01	PACKED	*****	X 01
CRESTO	*****	X 01	IF	*****	X 01	PAGE	*****	X 01
CRODSB	*****	X 01	IFF	*****	X 01	PAT\$AB_LHS	00000E0C	RG 01
CROENB	*****	X 01	IFHD1	*****	X 01	PAT\$AB_POP	00000A14	RG 01
CSAVE	*****	X 01	IFSPL	*****	X 01	PAT\$AB_SYMLST	00000000	RG 01
DALST1	*****	X 01	IFSYNT	*****	X 01	PAT\$AL_SEM	00000C04	RG 01
DALST2	*****	X 01	IFT	*****	X 01	PAT\$AW_ACTION	0000035C	RG 01
DATARG	*****	X 01	IFTF	*****	X 01	PRINT	*****	X 01
DATNUL	*****	X 01	IIF	*****	X 01	PRMBRK	*****	X 01
DEBUG	*****	X 01	IIF1	*****	X 01	PRMINT	*****	X 01
DELETE	*****	X 01	IIF2	*****	X 01	PRMPC	*****	X 01
DFNOPC	*****	X 01	INDEX	*****	X 01	PRMRDX	*****	X 01
DIRREF	*****	X 01	IRP	*****	X 01	PRMSYM	*****	X 01
DISP	*****	X 01	IRPC	*****	X 01	PRMUN	*****	X 01
DISP1	*****	X 01	LBL1	*****	X 01	PSECT	*****	X 01
DISPL1	*****	X 01	LBL2	*****	X 01	QUAD	*****	X 01
DISPL2	*****	X 01	LIBRY	*****	X 01	QUDSTR	*****	X 01
DISPL3	*****	X 01	LINK	*****	X 01	RDEFER	*****	X 01
DISPL4	*****	X 01	LIST	*****	X 01	RDXBIN	*****	X 01
DISPL5	*****	X 01	LITERL	*****	X 01	RDXDEC	*****	X 01
DISPL6	*****	X 01	LONG	*****	X 01	RDXHEX	*****	X 01
DISPL7	*****	X 01	MACRO	*****	X 01	RDXOCT	*****	X 01
DISPL8	*****	X 01	MASK	*****	X 01	REF1	*****	X 01
DOUBLE	*****	X 01	MASKNL	*****	X 01	REF2	*****	X 01
DSABL	*****	X 01	MASKX	*****	X 01	REF3	*****	X 01

REGLST	*****	X	01
REPT	*****	X	01
REPTHD	*****	X	01
RFHD1	*****	X	01
RFHD16	*****	X	01
RFHD2	*****	X	01
RFHD4	*****	X	01
RFHD8	*****	X	01
RGLST1	*****	X	01
SBTTL	*****	X	01
SETDFL	*****	X	01
SGNBYT	*****	X	01
SGNWRD	*****	X	01
STAT1	*****	X	01
STAT4	*****	X	01
STOADR	*****	X	01
TITLE	*****	X	01
VECTRO	*****	X	01
VECTR1	*****	X	01
VECTR2	*****	X	01
WARN	*****	X	01
WEAK	*****	X	01
WORD	*****	X	01
XFER	*****	X	01

+-----+  
! Psect synopsis !  
+-----+

PSECT name	Allocation	PSECT No.	Attributes	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
. ABS	00000000 ( 0.)	00 ( 0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
MAC\$PARSE_TABLE	00000FD8 ( 4056.)	01 ( 1.)	NOPIC USR	CON	REL	GBL	NOSHR	NOEXE	RD	NOWRT	NOVEC	LONG

+-----+  
! Performance indicators !  
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	41	00:00:00.03	00:00:03.02
Command processing	151	00:00:00.37	00:00:03.53
Pass 1	115	00:00:02.11	00:00:08.32
Symbol table sort	0	00:00:00.14	00:00:00.32
Pass 2	120	00:00:00.77	00:00:03.50
Symbol table output	17	00:00:00.05	00:00:00.45
Psect synopsis output	1	00:00:00.01	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	447	00:00:03.50	00:00:19.17

The working set limit was 1050 pages.

17775 bytes (35 pages) of virtual memory were used to buffer the intermediate code.

There were 10 pages of symbol table space allocated to hold 195 non-local and 0 local symbols.

358 source lines were read in Pass 1, producing 25 object records in Pass 2.

0 pages of virtual memory were used to define 0 macros.

+-----+  
! Macro library statistics !  
+-----+

Macro library name	Macros defined
\$255\$DUA28:[MACRO.OBJ]MACRO.MLB;1	0
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0
TOTALS (all libraries)	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:LRPTAB/OBJ=OBJ\$:LRPTAB MSRC\$:LRPTAB/UPDATE=(ENH\$:LRPTAB)+LIB\$:MACRO/LIB

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