

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT	
	GA00			2	CLKSTP	START 2560	
				3	DECK	4	
	GA00	A014	0A01	4	DC	XL2'A014'	PROGRAM ID
	GA02	00	0A02	5	DC	XL1'00'	FLAGS
	GA03	00	0A03	6	CNUM DC	XL1'00'	CURRENT ROUTINE NR
	GA04	0000	0A05	7	DC	XL2'0000'	RESERVED
	GA06	0A10	0A07	8	RT1ADR DC	AL2(RTN1)	ADDR FIRST RTN
	GA08		0A09	9	DS	CL2	
	GA0A	A04000	CA0C	10	UNA DC	XL3'A04000'	UDT PRIMARY SPINDLE
	GA0D	B01000	0A0F	11	UNB DC	XL3'B01000'	UDT SECOND SPINDLE
	GA10	01	0A10	12	RTN1 DC	XL1'01'	
	GA11	00	0A11	13	DC	XL1'00'	
	GA12	1B80	0A13	14	DC	AL2(RTN2-1)	
	GA14	C2 01 1A25		15	LA	GOGUT, XR1	SET UP NORMAL TERMINATION
	GA18	3C F0 12F2		16	SUDS MVI	BRAD-1, X'F0'	RESET ERROR COUNT
	GA1C	31 A4 149B		17	LIO	BESS, X'A4'	
	GA20	31 A6 149D		18	LIO	ANNE, X'A6'	
	GA24	0C 27 13B0 13B1		19	MVC	VIPER(40), BLANK	ELANK EXP RESULT AREA
	GA2A	34 01 1A1D		20	ST	END+3, XR1	
	GA2E	3C 87 121E		21	MVI	ONLY+1, X'87'	SET UP FOR HEADING
	GA32	3C 87 0B5C		22	MVI	FILET+1, X'87'	DONT STOP AFTER FIRST GROUP
	GA36	3C F0 1521		23	MVI	ALMS-4, X'F0'	SET UP FOR 000000 MSG
	GA3A	0C 03 1525 1462		24	MVC	ALMS(4), TRUCK	
	GA40	30 A2 12DB		25	SNS	KNIT-2, X'A2'	SNS 01
	GA44	39 50 12DA		26	TBF	KNIT-3, X'50'	TEST FOR INV REQ OR EQU CHK
	GA48	C0 90 0A58		27	BF	FIRS	ER. IF EITHER
	GA4C	38 10 12DB		28	TBN	KNIT-2, X'10'	CHECK FOR SEEK BUSY
	GA50	C0 10 0A58		29	BT	FIRS	
	GA54	C0 87 0A83		30	B	PINT	
	GA58	0C 01 12C7 144C		31	FIRS MVC	GOUT+3(2), GAUDY	
	GA5E	0C 02 1B98 1B8B		32	MVC	MSK-1(5), MSK2	SET UP DONT CARE MASK
	GA64	3C 00 1BA5		33	MVI	EXP, X'00'	SET UP EXP FIELD
	GA68	0C 06 1BA4 1BA5		34	MVC	EXP-1(7), EXP	
	GA6E	C0 87 1B52		35	B	FAKE	BR. TO ADJUST EXPECTED BITS
	GA72	C0 87 021E		36	B	UNPACK	CONVERT EXPECTED STATUS
	GA76	C3	0A76	37	DC	XL1'03'	
	GA77	1BA0	0A78	38	DC	AL2(EXP-5)	
	GA79	1394	0A7A	39	DC	AL2(VIPER-28)	
	GA7B	C0 87 1219		40	B	TURN	
	GA7F	C0 87 1A1A		41	B	END	
	GA83	0C 03 1FE4 14C7		42	PINT MVC	ARNE+3(4), MOPE	SET UP CTL FLD
	GA89	3C 00 14EA		43	MVI	ABNER-1, X'00'	RESTORE CE BYTE TO 00
	GA8D	0C 01 0CD7 14B5		44	MVC	ETTA+2(2), MAY	RD ID SIO
	GA93	35 01 1527		45	L	MAX, XR1	
	GA97	3C 07 1269		46	MVI	STAR+1, X'07'	RESET PR MOD SW
	GA9B	3C F1 1521		47	MVI	ALMS-4, X'F1'	SETUP ROUTINE NUMBER
	GA9F	0C 03 1525 1462		48	MVC	ALMS(4), TRUCK	ROUTINE 10
	GAAS	C0 87 0C98		49	B	GNAT	
	GAAS	C0 87 0C39		50	B	TRUST	GO TO TERMINATE OP
	GAAD	0C 01 12C7 1B1F		51	PAPT MVC	GOUT+3(2), SAT	
	GAEB	35 01 16D0		52	L	NOPE, XR1	
	GAEB	0C 01 0CD7 14B7		53	MVC	ETTA+2(2), NOR	READ DATA SIO
	GAED	0C 03 1525 1460		54	MVC	ALMS(4), TRUCK-2	ROUTINE 11
	GAEC	C0 87 13D2		55	B	BASS	SELECT HD 0
	GAEC	0C 03 1FE4 14C8		56	MVC	ARNE+3(4), ROPE	SET UP CTL FLD
	GAED	C0 87 0C98		57	B	GNAT	
	GAED	C0 87 0C39		58	B	TRUST	GO TO TERMINATE OP
	GAES	0C 03 1FE4 14B3		59	RAFT MVC	ARNE+3(4), COPE	SET UP CTRL FLD
	GAEB	C0 87 0C39		60	B	TRUST	
	GAED	35 01 15C3		61	L	PTN, XR1	
	GAEB	0C 01 0CD7 14B7		62	MVC	ETTA+2(2), NOR	READ DATA SIO
	GAEB	0C 03 1525 1460		63	MVC	ALMS(4), TRUCK-2	ROUTINE 12
	GAEF	C0 87 0C98		64	B	GNAT	
	GAEB	C0 87 0C39		65	B	TRUST	GO TO TERMINATE OP
	GAEB	0C 03 1FE4 14C8		66	RAFT MVC	ARNE+3(4), COPE	SET UP CTL FLD
	GAED	0C 01 0CD7 14B7		67	MVC	ETTA+2(2), PAT	WRITE DATA SIO
	GAEB	35 01 1687		68	L	ROT, XP1	
	GAEB	0C 03 1525 146C		69	MVC	ALMS(4), THICK-2	ROUTINE 13

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OB0D	C0	87	0C98	70	B	GNAT	
OB11	C0	87	0C39	71	B	TRUST	GO TO TERMINATE OP
OB15	0C	01	12C7	1B1D	72	VASE MVC	GOUT+3(2),SATE
OB1B	0C	01	0CD7	14B9	73	MVC	ETTA+2(2),OPEPA
OB21	35	01	172F	74	L	CAT,XR1	MOVE READ DIAG SIO
OB25	0C	03	1525	1472	75	MVC	ALMS(4),THAT-2
OB2B	C0	87	13C4	76	B	BGSS	ROUTINE 14
OB2F	0C	03	1FE4	1499	77	MVC	ARNE+3(4),ABYSS
OB35	C0	87	0C98	78	B	GNAT	SELECT HD 1
OB39	C0	87	0C39	79	B	TRUST	MOVE READ DATA DIAG CTL FLD IN
OB3D	0C	03	1FE4	150C	80	SOFT MVC	ARNE+3(4),TCNY
OB43	0C	01	0CD7	14BF	81	MVC	ETTA+2(2),SET
OB49	35	01	17C2	82	L	TRCT,XR1	
OB4D	0C	03	1525	1478	83	MVC	ALMS(4).THEM-2
OB53	C0	87	0C98	84	B	GNAT	ROUTINE 15
OB57	C0	87	0C39	85	B	TRUST	GO TO TERMINATE OP
OB5B	C0	87	0B63	86	FILET B	DELTA	
OB5F	C0	87	1A1A	87	B	END	
OB63	0C	03	1FE4	1499	88	DELTA MVC	ARNE+3(4),ABYSS
OB69	3C	F2	1521	89	MVI	ALMS-4,X'F2'	READ DIAG CTRL FLD
OB6D	0C	03	1525	1462	90	MVC	ALMS(4),TRUCK
OB73	0C	01	0CD7	14B9	91	MVC	ETTA+2(2),OPERA
OB79	35	01	1897	92	L	BLCB,XR1	ROUTINE 20
OB7D	3C	80	14EA	93	MVI	ABNER-1,X'80'	READ DIAG SIO
OB81	C0	87	0C98	94	B	GNAT	ADDR OF PARA
OB85	3C	00	14EA	95	DOUGH MVI	ABNER-1,X'00'	SET INDEX BEFORE SIO
OB89	C0	87	0C39	96	B	TRUST	RESTORE CE BYTE TO 00
OB8D	0C	03	1FE4	1491	97	MVC	ARNE+3(4),SOAP
OB93	3C	00	1FDF	98	MVI	BARN+255,X'0C'	SET UP CTRL FLD
OB97	0C	FE	1FDE	1FDF	99	MVC	BARN+254(255),BARN+255
OB9D	3C	11	1EE0	100	MVI	BARN,X'11'	CLEAR DATA FLD
OBA1	3C	FF	1EF4	101	MVI	BARN+20,X'FF'	SET UP DATA CHAR
OBA5	0C	0B	1EF3	1EF4	102	MVC	BARN+19(12),BARN+20
OBA8	0C	03	1525	1466	103	MVC	ALMS(4),TRICK-2
OBB1	0C	01	0CD7	14BD	104	MVC	ETTA+2(2),RAT
OBB7	35	01	18B8	105	L	BLCT,XR1	ROUTINE 22
OBBB	C0	87	0C98	106	B	GNAT	WRITE DATA SIO
OBBF	C0	87	0C39	107	B	TRUST	ADDR OF PARA
OBC3	0C	03	1FE4	1491	108	SOLAR MVC	ARNE+3(4),SCAF
OBC9	0C	03	1525	146C	109	MVC	ALMS(4),THICK-2
OBCF	0C	01	0CD7	14C1	110	MVC	ETTA+2(2),TAP
OBDS	35	01	1921	111	L	BLAB,XR1	SCAN EQ LO SIO
OBDS	C0	87	0C98	112	B	GNAT	ADDR OF PARA
OBDD	C0	87	0C39	113	B	TRUST	
OBEB	0C	03	1FE4	1491	114	SOUND MVC	ARNE+3(4),SOAP
OBEB	0C	03	1525	1472	115	MVC	ALMS(4),THAT-2
OBED	0C	01	0CD7	14C3	116	MVC	ETTA+2(2),VIP
OBFB	35	01	1967	117	L	BRAN,XR1	SCAN EQ HI SIO
OBFB	C0	87	0C98	118	B	GNAT	ADDR OF PARA
OBFB	C0	87	0C39	119	B	TRUST	
OBFF	0C	03	1FE4	1491	120	NOLA MVC	ARNE+3(4),SCAF
OC05	0C	03	1525	1478	121	MVC	ALMS(4),THEM-2
OC0B	0C	01	0CD7	148D	122	MVC	ETTA+2(2),LAP
OC11	35	01	19AD	123	L	BIRD,XR1	SCAN EQ SIO
OC15	C0	87	0C98	124	B	GNAT	ADDR OF PARA
OC19	C0	87	0C39	125	B	TRUST	
OC1D	0C	03	1FE4	1496	126	ERAND MVC	ARNE+3(4),PASS
OC23	0C	01	0CD7	14B7	127	MVC	ETTA+2(2),PINE
OC29	35	01	19D7	128	L	HAND,XR1	SET UP CTRL FLD
OC2D	C0	87	0C98	129	B	GNAT	SET UP SIO READ VERIFY
OC31	C0	87	0C39	130	VIRG B	TRUST	
OC35	C0	87	1A1A	131	B	END	
OC39	34	08	0C67	132	*****ROUTINE TO TERMINATE AN OPERATION*****		
OC3D	C1	A2	0C18	133	TRUST ST	TRUST+3,X'06'	STORE RETURN
OC41	31	A3	14EB	134	LIO	CRUST,X'A2'	TEST FOR BUSY
OC45	F3	A1	01	135	LIO	ABNER,X'A3'	
OC48	31	A3	1495	136	SIO	X'01',X'A1'	
				137	CRUST LIO	CORD,X'A3'	NOT INDEX

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0C4C	31	A3	0C69		138	LIO	YORE,X'A3'	FORCE INDEX IN CE MODE
0C50	C1	A2	0C59		139	TIO	CRUSH,X'A2'	SEST FOR BUSY
0C54	C0	87	0C64		140	B	TRYST	
0C58	31	A3	1495		141	CRUSH	LIO	CORD,X'A3'
0C5C	31	A3	0C69		142	LIO	YORE,X'A3'	NOT INDEX
0C60	C1	A2	0C6A		142	TIO	BRUSH,X'A2'	FORCE INDEX IN CE MODE
0C64	C0	87	0C64		147	B	TRYST	SEST FOR BUSY
0C68	8000			0C69	144	TRYST	B	RETURN
0C6A	3D	07	121E		145	YORE	DC	XL2'8000'
0C6E	F2	01	0B		146	BRUSH	CLI	ONLY+1,X'07'
0C71	C0	87	021A		147	JNE	FEE	
0C75	0608			0C76	148	B	PRINT	
0C77	0C97			0C78	149	DC	XL2'0608'	
0C79	F2	87	0A		150	DC	AL2(FRESH)	
0C7C	C0	87	021A		151	J	DUN	
0C80	C6			0C80	152	FEE	B	PRINT
0C81	08			0C81	153	DC	XL1'C6'	
0C82	0C97			0C83	154	DC	XL1'08'	
0C84	A093			0C85	155	DC	AL2(FRESH)	
0C86	C0	87	0222		156	DC	XL2'A093'	
0C8A	A093			0C8B	157	DUN	B	HALT
0C8C	C0	87	0C3D		158	DC	XL2'A093'	
0C90	40D9C5C64B40F1F0			0C97	159	B	TRUST+4	
0C98	34	08	12C7		160	FRESH	DC	CL8' REF. 10'
0C9C	31	A6	149D		161	GNAT	ST	GOUT+3,X'08'
0CA0	31	A4	149B		162	LIO	ANNE,X'A6'	STORE RETURN FOR ERROR PRINT
0CA4	3C	87	0F1B		163	LIO	BESS,X'A4'	SET UP DFDR
0CA8	3C	07	0F5F		164	MVI	RINK-1,X'87'	SET UP DFDR
0CAC	3C	07	10D0		165	MVI	FOES+1,X'07'	RESET TEST FOR BUSY ERR SW
0CB0	3C	07	0F5B		166	MVI	EON+1,X'07'	RESET SW
0CB4	3C	07	0DC8		167	MVI	ZONE+1,X'07'	SET PR SNS SW OFF
0CB8	31	A3	14EB		168	MVI	DLYSW+1,X'07'	RESET DATA FLD SW
0CBC	C1	A2	0CC3		169	LIO	ABNER,X'A3'	SET DELAY SW OFF
0CC0	F2	87	12		170	TIO	FAULT,X'A2'	FORCE CE MODE
0CC3	0C	01	12C7	1455	171	J	ETTA	
0CC9	3C	D5	138A		172	FAULT	MVC	GOUT+3(2),SAND
0CCD	C0	87	1219		173	MVI	VIPER-38,C'N'	
0CD1	C0	87	1A1A		174	B	TURN	
0CD5	F3	00	00		175	B	END	
0CD8	1C	04	14DD	04	176	ETTA	SIO	X'00',X'00'
0CDD	0C	27	13B0	13B1	177	PANDA	MVC	FAY+4(5),4(,XR1)
0CE3	06	11	1525	148B	178	MVC	VIPER(40),BLANK	MOVE PARA TO WORK AREA
0CF9	38	02	14D9		179	AZ	ALMS(3),TEN(2)	
0CED	C0	90	0DC1		180	TEN	FAY,'02'	ADD ONE TO MSG CNTR
0CF1	38	01	14D9		181	BF	AMLE	GO TO LIO ROUTINE
0CF5	F2	10	98		182	TEN	FAY,X'01'	IS THIS A BAD PARA
0CF8	3D	7A	14D9		183	JT	PEER	
0CFC	F2	84	91		184	CLI	FAY,X'7A'	
0CFF	0C	01	0D0E	0D10	185	JH	PEER	
0D05	0E	01	0D0E	14D9	186	MVC	STAND+3(2),STALL	RESET BRANCH ADDRESS TO ORIG VALUE
0D0B	C0	87	0D12		187	ALC	STAND+3(2),FAY	ADD PARA TO BRANCH TO ADDR
0D0F	0D12			0D10	188	STAND	B	STALE
0D11	0000			0D12	189	STALL	DC	AL2(STALE)
0D13				0D13	190	STALE	DC	XL2'0000'
0D14	C0	87	0E5E		191	DS	CL1	
0D18	C0	87	0E79		192	B	PFOD	COMP CTL FLD
0D1C	C0	87	0E98		193	B	BANA	COMP DFDR
0D20	C0	87	0EB7		194	B	CHERI	COMP DFDR
0D24	C0	87	0EC7		195	B	FACT	GO TO ALT PARA
0D28	C0	87	0ECF		196	B	TACT	RTN TO MAJOR PARA
0D2C	C0	87	0EEA		197	B	CAPE	COMP DATA CHAR
0D30	C0	87	1011		198	B	TRACT	DATA CHAR ROUTINE
0D34	C0	87	1019		199	B	WORK	INDEX INITIALIZE
0D38	C0	87	1062		200	B	SHARK	SET 8 INITIALIZE
0D3C	C0	87	106A		201	B	SALT	RESET DFDR
0D40	C0	87	1074		202	B	SAINT	COMP BUSY AND ERROR
0D44	C0	87	0D90		203	B	FOOD	TEST SENES PROBES
0D48	C0	87	0D90		204	B	PEER	
					205	B	PEER	

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ERR LOC	CBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
0D4C	C0	87	10A1	206	B	FLAT A-M ROUTINE
0D50	C0	87	110A	207	B	ANTE SET N TO 0
0D54	C0	87	1112	208	B	AMP END OF ROUTINE HALT
0D58	C0	87	1116	209	B	SHOP 256 WR OSC TIMES CNT
0D5C	C0	87	112E	210	B	WHELK BR TO NEW ROUTINE
0D60	C0	87	1138	211	B	STAT STATUS ROUTINE
0D64	C0	87	116R	212	B	VARY SET WR OSC BIT ON SER DATA ROUTINE
0D68	C0	87	1177	213	B	WARY SET WR OSC BIT OFF SER DATA ROUTINE
0D6C	C0	87	1183	214	B	WINE SET SENSE BY BIT
0D70	C0	87	118B	215	B	TINE SET SENSE BY BYTE
0D74	C0	87	1193	216	B	WIRE SET SEP CLK OFF SER DATA ROUTINE
0D78	C0	87	119B	217	B	WIRY SET SEP CLK ON SER DATA ROUTINE
0D7C	C0	87	11A3	218	B	MINT SERIALIZE DATA CHAR WITH SENSE
0D80	C0	87	11AB	219	B	SINE
0D84	C0	87	11B9	220	B	LINT SERIALIZE DATA CHAR SENSE AND COMP
0D88	C0	87	11C5	221	B	ACRID
0D8C	C0	87	11D5	222	B	POOR GO TO SCAN FND TOUTINE
0D90	C0	87	021A	223	PEER B	PRINT
0D94	C6		0D94	224	DC	XL1'C6'
0D95	1D		0D95	225	DC	JL1'29'
0D96	ODCO		0D97	226	DC	AL2(BDPARM)
0D98	AOCF		0D99	227	DC	XL2'AOCF'
0D9A	C0	87	0222	228	B	HALT
0D9E	AOCF		0D9F	229	DC	AL2'AOCF'
0DA0	C0	87	1A25	230	B	GOCUT
0DA4	D7D9D6C7D9C1D440	ODCO	231	BDPARM DC	CL29'PROGRAM ERROR - BAD PARAMATER'	
0EAC	C5D9D9D6D34C6040		231			
0DB4	C2C1C440D7C1D9C1		231			
0DBC	D4C1E3C5D9		231			
			232	*****	SUB ROUTINE TO CONTROL BY BIT *****	
0DC1	OC	00	1325 14DA	233	AMILE MVC	ANDY(1),FAY+1 SET PARA CNT IN PARA CNTR
0DC7	C0	87	0DFB	234	DLYSW B	ERGO DELAY SWITCH
0DCB	OC	00	14EC 14E9	235	FANCY MVC	ELLA-1(1),FAY MOVE PARA CHAR TO CE LIO
0DD1	31	A3	14ED	236	LIO	ELLA,X'A3' CE LIO
0DD5	0F	00	1325 1502	237	SLC	ANDY(1),ONE SUBT ONE FROM PARA CNT
0DD3	C0	01	0DC7	238	BNZ	DLYSW CCNTINUE UNTIL 0
0DDF	C0	87	0DEF	239	B	ADV2
0DE3	36	01	1502	240	ADV5 A	ONE,XR1
0DE7	36	01	1502	241	ADV4 A	ONE,XR1
0DEB	36	01	1502	242	ADV3 A	ONE,XR1
0DEF	36	01	1502	243	ADV2 A	ONE,XR1
0DF3	36	01	1502	244	ADV1 A	ONE,XR1
0DF7	C0	87	0CD8	245	B	PANDA GO GET NEXT PARA
			246	*****	SUBROUTINE FOR DELAY *****	
0DFB	OC	02	14F6 14F9	247	ERGO MVC	BEIGE(3),TAN DELAY CCOUNTER
0E01	0F	02	14F6 1502	248	ENGO SLC	BEIGE(3),ONE
0E07	C0	01	0E01	249	BNZ	ENGO
0E0B	C0	87	0DCB	250	B	FANCY
			251	*****	SUBROUTINE TO COMP BUSY AND ERROR *****	
0E0F	34	08	0E4D	252	DANTE ST	PGKT+3,X'08'
0E13	3C	00	151A	253	MVI	ANNA,X'00'
0E17	C1	A0	0E4E	254	TIO	AVA,X'A0' COMP BUSY AND ERROR
0E1B	C1	A2	0E56	255	CART TIO	BETH,X'A2' TEST BUSY
0E1F	3D	00	151A	256	DART CLI	ANNA,X'00'
0E23	C0	81	0E4A	257	BE	PGRT
0E27	3C	D5	138C	258	MVI	VIPER-36,C'N'
0E2B	3C	D5	139A	259	MVI	VIPER-38,C'N'
0E2F	3E	01	0E20	260	TBN	DART+1,X'01' SEE IF ERR EXP
0E33	F2	90	04	261	JF	VIC BR. IF NOT
0E36	3C	E8	138C	262	MVI	VIPER-36,C'Y'
0E3A	38	10	0E20	263	VIC TBN	DART+1,X'10' SEE IF BUSY EXP
0E3E	C0	90	1219	264	BF	TURN BR. IF NOT
0E42	3C	E8	138A	265	MVI	VIPER-38,C'Y'
0E46	C0	87	1219	266	B	TURN
0E4A	C0	87	0E4A	267	PGRT	B PGRT
0E4E	3A	01	151A	268	AVA	SBN ANNA,X'01' SET IND FOR ERROR
0E52	C0	87	0E1B	269	B	CART
0E56	3A	10	151A	270	BETH	SBN ANNA,X'10' SET IND FOR BUSY

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ERR	LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
0E5A	CO	87	0E4F	271	B	DART
				272	*****	SUBROUTINE TO COMPARE CTL FLD *****
0E5E	0D	03	1FE4 14DD	273	PROD	CLC ARNE+3(4),FAY+4 COMP CONTROL FIELD
0E64	CO	81	0DE3	274	BE	ADV5
0E66	CO	87	021E	275	B	UNPACK
0E6C	04		0E6C	276	DC	XL1'04'
0E6D	14DD		0E6E	277	DC	AL2(FAY+4)
0E6F	13A0		0E70	278	DC	AL2(VIPER-16)
0E71	CO	87	1219	279	B	TURN
0E75	CO	87	0DE3	280	B	ADV5
				281	*****	SUBROUTINE TO COMPARE DFDR *****
0E79	30	A4	1513	282	BANA	SNS BROAD,X'A4' SENSE DFDR
0E7D	0D	01	1513 14DB	283	CLC	BROAD(2),FAY+2 COMPARE TO PARA
0E82	CO	81	0DEB	284	BE	ADV3
0E87	CO	87	021E	285	B	UNPACK
0E8E	02		0E8B	286	DC	XL1'02'
0E8C	14DB		0E9D	287	DC	AL2(FAY+2)
0E8E	13AC		0E8F	288	DC	AL2(VIPER-4)
0E90	CO	87	1219	289	B	TURN
0E94	CO	87	0DEB	290	B	ADV3
				291	*****	SUBROUTINE TO COMP DFCE *****
0E98	30	A6	1515	292	CHERI	SNS TOAD,X'A6' CHECK DFCE
0E9C	0D	01	1515 14DB	293	CLC	TOAD(2),FAY+2
0EA2	CO	81	0DEB	294	BE	ADV3 BRANCH TO ADD 3 TO PTR
0EA6	CO	87	021E	295	B	UNPACK
0EAA	02		0EAA	296	DC	XL1'02'
0EAB	14DB		0EAC	297	DC	AL2(FAY+2)
0EAD	13A6		0EAE	298	DC	AL2(VIPER-10)
0EAF	CO	87	1219	299	B	TURN
0EB3	CO	87	0DEB	300	B	ADV3
				301	*****	SUBROUTINE TO GO TO ALT PARA *****
0EB7	36	01	150E	302	FACT	M THREE,XR1
0EBB	34	01	1519	303	ST	ALTAR,XR1
0EBF	35	01	14DB	304	L	FAY+2,XR1
0EC3	CO	87	0CDB	305	B	PANDA
				306	*****	SUBROUTINE TO RTN TO MAJOR PARA *****
0EC7	35	01	1519	307	TACT	L ALTAR,XR1
0ECB	CO	87	0CDB	308	B	PANDA
				309	*****	SUBROUTINE TO COMPARE DATA CHAR *****
0ECF	0D	00	1EE0 14DA	310	CAPE	CLC BARN(1),FAY+1 COMP DATA CHAR
0ED5	CO	81	0DEF	311	BE	ADV2 BRANCH TO ADD 2 TO PTR
0ED9	CO	87	021E	312	B	UNPACK
0EDD	01		0EDD	313	DC	XL1'01'
0EDE	14DA		0EDF	314	DC	AL2(FAY+1)
0EE0	13B0		0EE1	315	DC	AL2(VIPER)
0EE2	CO	87	1219	316	B	TURN
0EE6	CO	87	0DEF	317	B	ADV2
				318	*****	SUBROUTINE TO DATA CHAR *****
0EEA	0C	00	1325 14DB	319	TRACT	MVC ANDY(1),FAY+2
0EF0	0C	00	14D2 14DA	320	PART	MVC CAREA(1),FAY+1
0EF6	3C	64	151D	321	ORE	MVI CLK1-1,X'64' RDSET CLOCK LIO BYTE
0EFA	3C	44	151F	322		MVI FETE-1,X'44' RESET DATA LIO BYTE
0EFE	0C	02	14D1 1503	323	MVC	CAREA-1(3),ONE+1
0F04	38	08	14D0	324	STONE	TBN CAREA-2,X'08' IS THIS BIT RING 1
0F08	F2	90	08	325	JF	RACY
0F0B	3B	04	151D	326	SBF	CLK1-1,X'04' RESET INH DATA CYCLE REQ
0F0F	3B	04	151F	327	SBF	FETE-1,X'04' RESET INH DATA CYCLE REQ
0F13	38	01	14CF	328	RACY	TBN CAREA-3,X'01' IS THIS BIT RING 6
0F17	F2	90	1E	329	JF	BRACT
0F1A	CO	87	020F	330	RINK	B DANTE
0F1E	0F	00	1325 1502	331	SLC	ANDY(1),ONE
0F24	CO	01	0EF0	332	BNZ	PART
0F28	3C	37	0F1B	333	MVI	RINK+1,X'37'
0F2C	3C	07	0F5F	334	MVI	FOES+1,X'07' RESET SNS PROBES SW
0F30	3C	07	0F5B	335	MVI	ZONE+1,X'07' RESET DATA FLD SW
0F34	CO	87	0DEB	336	B	ADV3
0F38	0E	03	14E2 14D2	337	BRACT	ALC CAREA(4),CAREA SHIFT BITS
0F3E	38	01	14D1	338	TBN	CAREA-1,X'01'

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
0F42	C0	90	0F4E		339	BF	RACE
0F46	3A	08	151F		340	SBN	FETE-1,X'08'
0F4A	C0	87	0F52		341	B	TRACY
0F4E	3B	08	151F		342	RACE SBF	FETE-1,X'08'
0F52	31	A3	151E		343	TRACY LIO	CLK1,X'A3'
0F56	31	A3	1520		344	LIO	FETE,X'A3'
0F5A	C0	87	0FD5		345	ZONE B	BWANA
0F5E	C0	87	0FF9		346	FOES B	GALA
0F62	C0	87	0F04		347	LACY B	STONE
0F66	38	80	0FFA		348	FROG TBN	GALA+1,X'80'
0F6A	F2	10	12		349	JT	SNAG
0F6D	38	20	14E2		350	TBN	ART-7,X'20'
0F71	F2	10	13		351	JT	SMOG
0F74	38	20	14E3		352	TBN	ART-6,X'20'
0F78	F2	10	0C		353	JT	SMOG
0F7B	C0	87	10D3		354	B	ANT
0F7F	C0	87	0F87		355	SNAG B	SMOG
0F83	C0	87	10D3		356	B	ANT
0F87	34	08	0FBB		357	SMOG ST	GAS+3,X'08'
0F8B	36	01	1502		358	FRUIT A	ONE,XR1
0F8F	06	31	1481	148B	359	BRUTE AZ	CRUX(5),TEN(2)
0F95	30	A3	12DD		360	SNS	KNIT,X'A3'
0F99	3C	E0	1B99		361	MVI	MSK,X'E0'
0F9D	1C	00	1BA5	02	362	MVC	EXP(1),2(,XR1)
0FA2	C0	87	1B52		363	B	FAKE
0FA6	0D	00	1BA7	12DD	364	CLC	EXP-4(1),KNIT
0FAC	C0	01	0FC0		365	ENE	YELP
0FB0	3C	07	0F1B		366	MVI	RINK+1,X'07'
0FB4	C0	87	0E0F		367	B	DANTE
0FB8	C0	87	0FB8		368	GAS B	GAS
0FBC	C0	87	0F62		369	B	LACY
0FC0	34	08	0FD4		370	YELP ST	KELP+3,X'08'
0FC4	C0	87	021E		371	EPOUT B	UNPACK
0FC8	01			CFC8	372	DC	XL1'01'
0FC9	1BA1			0FCA	373	DC	AL2(EXP-4)
0FCB	1396			0FCC	374	DC	AL2(VIPER-26)
0FCD	C0	87	1219		375	B	TURN
0FD1	C0	87	0FD1		376	KELP B	KELP
0FD5	38	08	14D0		377	BWANA TBN	CAREA-2,X'08'
0FD9	C0	10	0FE1		378	BT	CRIME
0FDD	C0	87	0F62		379	B	LACY
0FE1	31	A4	149B		380	CRIME LIO	BESS,X'A4'
0FE5	3C	11	1EE0		381	MVI	BARN,X'11'
0FE9	C0	87	0FF1		382	B	RUBE
0FED	C0	87	0F62		383	B	LACY
0FF1	34	08	0FBB		384	RUBE ST	GAS+3,X'08'
0FF5	C0	87	0F8F		385	B	BRUTE
0FF9	C0	87	1009		386	GALA B	SKOG
0FFD	38	08	14D0		387	TBN	CAREA-2,X'08'
1001	C0	10	0F87		388	BT	SMOG
1005	C0	87	0F62		389	B	LACY
1009	C0	87	0F87		390	SKOG B	SMOG
100D	C0	87	0F62		391	B	LACY
					392	*****	SUBROUTINE TO INITIALIZE ENDLX *****
1011	3C	C0	14EE		393	WORK MVI	BELL-1,X'CO'
1015	C0	87	101D		394	B	YORK
					395	*****	SUBROUTINE TO INITIALIZE SET TO 8 *****
1019	3C	40	14EE		396	SHARK MVI	BELL-1,X'40'
101D	30	A3	12DD		397	YORK SNS	KNIT,X'A3'
1021	3C	02	1BA5		398	MVI	EXP,X'02'
1025	3C	FD	1B99		399	MVI	MSK,X'FD'
1029	C0	87	1B52		400	B	FAKE
102D	38	02	12DD		401	TBN	KNIT,X'02'
1031	C0	10	0DF3		402	BT	ADV1
1035	31	A3	14EF		403	LIO	BELL,X'A3'
1039	30	A3	12DD		404	SNS	KNIT,X'A3'
103D	3C	02	1BA5		405	MVI	EXP,X'02'
1041	3C	FD	1B99		406	MVI	MSK,X'FD'

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
1045	C0	87	1B52	407	B	FAKE	BR. TO ADJUST EXPECTED BITS
1049	38	02	12DD	408	TBN	KNIT,X'02'	TEST FOR BIT RING 0
1050	C0	10	ODF3	409	BT	ADV1	
1051	C0	87	021E	410	B	UNPACK	BR. TO CONVERT PROBES
1055	01			1055 411	DC	XL1'01'	
1056	1BA1			1057 412	DC	AL2(ELP-4)	
1058	1396			1059 413	DC	AL2(VIPER-26)	
105A	C0	87	1219	414	B	TURN	
105E	C0	87	ODF3	415	B	ADV1	
				416	*****	SUBROUTINE TO RESET DFDR	*****
1062	31	A4	149B	417	SALT	LIO BESS,X'A4'	RESET F DFDR
1066	C0	87	ODF3	418	B	ADV1	
				419	****	CHANGE BUSY OR ERROR ROUTINE	
106A	0C	00	0E20	14DA 420	SAINT	MVC DART+1(1),FAY+1	
1070	C0	87	ODEF	421	B	ADV2	
				422	*****	SUBROUTINE TO TEST SENSE PROBES	*****
1074	30	A3	12DD	423	FOOD	SNS KNIT,X'A3'	SENSE PROBES
1078	0C	07	1BA5	14DA 424	MVC	EXP,FAY+1	SET UP EXP FIELD
107E	3C	FE	1B99	425	MVI	MSK,X'FE'	SET UP DONT CARE BITS
1082	C0	87	1B52	426	B	FAKE	BR. TO ADJUST EXPECTED BITS
1086	0D	00	12DD	1BA1 427	CLC	FNIT(1),EXP-4	COMPARE ADJUSTED PROBES
108C	C0	81	ODEF	428	B	ADV2	
1090	C0	87	021E	429	B	UNPACK	CONVERT PROBES
1094	01			1094 430	DC	XL1'01'	
1095	1BA1			1096 431	DC	AL2(EXP-4)	
1097	1396			1098 432	DC	AL2(VIPER-26)	
1099	C0	87	1219	433	B	TURN	
109D	C0	87	ODEF	434	B	ADV2	
10A1	0C	00	14E9	14DA 435	FLAT	MVC ART(1),FAY+1	* AM CHAB ROUTINE
10A7	0C	00	14E8	14DA 436	MVC	ART-1(1),FAY+1	
10AD	0C	00	14E7	14DB 437	MVC	ART-2(1),FAY+2	
10B3	0C	00	14E6	14DB 438	MVC	ART-3(1),FAY+2	
10B9	0C	04	14E5	1504 439	MVC	ART-4(5),ONE+2	
10BF	3C	24	14EA	440	ELAN	MVI ABNER-1,X'24'	CLOCK BYTE RESET
10C3	3C	04	14EC	441	GRAIN	MVI ELLA-1,X'04'	DATA BYTE RESET
10C7	38	01	14E1	442	TBN	ART-8,X'01'	
10CB	C0	10	1102	443	BT	ORGY	
10CF	C0	87	0F66	444	B	FROG	
10D3	33	80	14E6	445	ANT	TBN ART-3,X'80'	TURN ON AM BIT
10D7	F2	10	0A	446	JT	ACT	
10DA	38	80	14E8	447	MAT	TBN ART-1,X'80'	TURN ON DATA BIT
10DE	F2	10	0B	448	JT	AXE	
10E1	F2	87	0C	449	J	BAT	
10E4	3A	10	14EA	450	ACT	SBN ABNER-1,X'10'	SET AM BIT ON
10E8	C0	87	10DA	451	B	MAT	
10EC	2A	08	14EC	452	AXE	SBN ELLA-1,X'08'	SET DATA BIT ON
10F0	31	A3	14EB	453	BAT	LIO ABNER,X'A3'	CE LIO FOR CLOCK TIME
10F4	31	A3	14ED	454	LIO	ELLA,X'A3'	CE LIO FOR DATA TIME
10F8	0E	09	14E9	14E9 455	ALC	ART(10),ART	SHIFT BITS
10FE	C0	87	10BF	456	B	ELAN	
1102	3C	07	10DC	457	ORGY	MVI EON+1,X'07'	SET SW OFF FOR SENSE PR
1106	C0	87	ODEB	458	B	ADV3	
				459	*****	SUBROUTINE TO SET N TO 0	*****
110A	3C	00	1FE4	460	ANTE	MVI ARNE+3,X'00'	SET N BYTE TO 0
110E	C0	87	ODF3	461	B	ADV1	
				462	*****	SUBROUTINE TO END OF ROUTINE HALT	*****
1112	C0	87	1A1A	463	AMP	B END	
				464	*****	SUBROUTINE TO FORCE 256 X PARA CNT OSC	*****
1116	0C	00	151A	14DA 465	SHOP	MVC ANO-1(1),FAY+1	MOVE COUNT TO COUNTER
111C	31	A3	14CE	466	SEPAL	LIO ARID,X'A3'	CE LIO WR OSC
1120	0F	01	151B	1502 467	SIC	ANO(2),ONE	SUET ONE
1126	C0	01	111C	468	BNZ	SEPAL	CONT TILL 3 ZERO
112A	C0	87	ODEF	469	B	ADV2	GET NEXT PAR
				470	*****	SUBROUTINE TO BRANCH TO NEW ROUTINE	*****
112E	0C	01	1137	14DB 471	WHELK	MVC BEAT+3(2),FAY+2	
1134	C0	87	1134	472	BEAT	B BEAT	
				473	*****	SUBROUTINE TO CHK STATUS	*****
1138	30	A2	12DB	474	STAT	SNS KNIT-2,X'A2'	SENSE STATUS J + 1

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
113C	3C	A3	12FD	475	SNS	KNIT,X'A3'	SENSE STATUS 2 + 3
1140	0C	02	1BA4	476	MVC	EXP-1(3),FAY+3	SET UP EXP FIELD
1146	0C	02	1B98	477	MVC	MSK-1(3),MSK1	SET UP DONT CARE BITS
114C	C0	87	1B52	478	B	FAKE	BR. 10 ADJUST EXPECTED STATUS
1150	0D	02	12DC	479	CLC	KNIT-1(3),EXP-5	COMPARE ADJUSTED STATUS
1156	C0	81	0DE3	480	BE	ADV5	
115A	C0	87	021E	481	B	UNPACK	CONVERT EXPECTED STATUS
115E	03			115E	482	DC	XL:'03'
115F	1BA0			1160	483	DC	AL2(EXP-5)
1161	1394			1162	484	DC	AL2(VIPER-26)
1163	C0	87	1219	485	B	TURN	
1167	C0	87	0DE3	486	B	ADV5	
				487	*****SET WR OSC BIT ON SERIAL DATA ROUTINE*****		
116B	3A	40	0EF7	488	VARY	SBN	ORE+1,X'40'
116F	3A	40	0EFB	489	SBN		ORE+5,X'40'
1173	C0	87	0DF3	490	B		ADV1
				491	*****SET WR OSC BIT OFF SERIAL DATA ROUTINE*****		
1177	3B	40	0EF7	492	WARY	SBF	OPF+1,X'40'
117B	3B	40	0EFB	493	SBF		OPF+5,X'40'
117F	C0	87	0DF3	494	B		ADV1
				495	*****SET SENSE BY BIT*****		
1183	3C	87	OFFA	496	WINE	MVI	GALA+1,X'87'
1187	C0	87	0DF3	497	B		ADV1
				498	*****SET SENSE BY BYTE*****		
118B	3C	07	OFFA	499	TINE	MVI	GALA+1,X'07'
118F	C0	87	0DF3	500	B		ADV1
				501	*****SET SEP CLK OFF SERIAL DATA ROUTINE*****		
1193	3B	20	0EF7	502	WIRE	SBF	ORE+1,X'20'
1197	C0	87	0DF3	503	B		ADV1
				504	*****SET SEP CLK ON SERIAL DATA ROUTINE*****		
119B	3A	20	0EF7	505	WIRY	SBN	ORE+1,X'20'
119F	C0	87	0DF3	506	B		ADV1
				507	*****SERIALIZE DATA CHAR WITH SENS*****		
11A3	3C	87	0F5F	508	MINT	MVI	FOES+1,X'87'
11A7	C0	87	0EEA	509	B		TRACT
				510	*****AM CHAR WITH SENSE*****		
11AB	0C	09	14E9	511	SINE	MVC	ART(10),SMART
11B1	3C	87	10D0	512		MVI	EON+1,X'87'
11B5	C0	87	10BF	513	B		ELAN
				514	*****SERIALIZE DATA CHAR WITH SENSE AND RESET DFDR*****		
11B9	3C	87	0F5F	515	LINT	MVI	ZONE+1,X'87'
11BD	36	01	1502	516	A		ONE,XR1
11C1	C0	87	0EEA	517	B		TRACT
				518	*****TEST CE LIO ROUTINE*****		
11C5	31	A4	1493	519	ACRID	LIO	CORN,X'A4'
11C9	31	A4	1495	520		LIO	CORD,X'A4'
11CD	31	A4	1493	521		LIO	CORN,X'A4'
11D1	C0	87	0DF3	522	B		ADV1
				523	*****ROUTINE TO CHECK SCAN FOUND*****		
11D5	3C	01	11E2	524	POOR	MVI	FOR+1,X'01'
11D9	C1	A4	11E1	525		TIO	FOR,X'A4'
11DD	3B	01	11E2	526		SBF	FOR+1,X'01'
11E1	3D	00	14DA	527	FOR	CLI	FAY+1,X'00'
11E5	C0	81	0DEF	528	BE		ADV2
11E9	0C	11	13B0	529	MVC		VIPER(18),SCAN
11EF	38	01	14DA	530	TBN		FAY+1,X'01'
11F3	C0	90	1219	531	BE		TURN
11F7	0C	01	13A0	532	MVC		VIPER-16(2),VIPER-15
11FD	C0	87	1219	533	B		TURN
1201	C0	87	0DEF	534	B		ADV2
				535	*****PRINT SUBROUTINE*****		
1205	40D540D54040			120A	536	OGLE	DC
1203	3C	E8	12FE	537	ELF	MVI	NIBS+2,X'E8'
120F	F2	87	8E	538	J		FLY
1212	3C	E8	13C0	539	BUG	MVI	NIBS+4,X'E8'
1216	F2	87	8B	540	J		FLIT
1219	34	08	12C3	541	TURN	ST	POUT,X'08'
121D	C0	87	1326	542	ONLY	B	ONCE

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
1221	06	01	12F3	148B	543	A7	BRAD(2),TEN(2) ADD 1 TO ERROR COUNT
1227	3C	40	12F3		544	MVI	BRAD,X'40' MOVE BLANK TO PRINT
122B	3C	40	12F1		545	MVI	BRAD-2,X'40' MOVE BLANK TO PRINT
122F	3C	00	12EA		546	MVI	OPINE,X'00' CLEAR UNPACK ARFA
1233	0C	15	12E9	12EA	547	MVC	OPINE-1(22),OPINE
1239	0C	00	12D6	1325	548	MVC	ANDES(1),ANDY
123F	34	01	12D5		549	ST	ANDES-1,XR1 STORE MSG COUNTR IN PR AREA
1243	0C	03	12E2	1FE4	550	NEON MVC	KITE(4),ARNE+3
1249	30	A2	12DB		551	SNS	KNIT-2,X'A2' SENSE 01
124D	30	A3	12DD		552	SNS	KNIT,X'A3' SENSE 23
1251	30	A6	12E5		553	SNS	KIT,X'A6' SENSE DFDR
1255	30	A4	12E8		554	SNS	KAT,X'A4' SNSE DFDR
1259	0C	00	12EA	1EE0	555	MVC	OPINE(1),B'
125F	C0	87	021E		556	B	UNPACK
1263	18			1263	557	DC	XL1'18'
1264	12EA			1265	558	DC	AL2(OPINE)
1266	1324			1257	559	DC	AL2(UNIT)
1268	C0	87	12C8		560	STAR	B BURN
126C	0C	03	12FA	1524	561	MVC	NIBS-2(4),ALMS-1 MOVE MSG NUMBER TP PR
1272	0C	05	1302	120A	562	SLAB MVC	NIBS+6(6),OGLE
1278	0C	40	12F6		563	MVI	NIBS-6,X'40' MOVE BLANK TO PR
127C	0C	01	1322	120A	564	MVC	UNIT-2(2),OGLE MOVE BLANKS BETWEEN FLDS TO PR
1282	0C	01	131C	120A	565	MVC	UNIT-8(2),OGLE MOVE BLANKS BETWEEN FLDS TO PR
1288	0C	01	1316	120A	566	MVC	UNIT-14(2),OGLE MOVE BLANKS BETWEEN FLDS TO PR
128E	0C	01	130C	120A	567	MVC	UNIT-24(2),OGLE MOVE BLANKS BETWEEN FLDS TO PR
1294	3C	40	12F4		568	MVI	BRAD+1,X'40' MOVE BLANKS TO PR AREA
1298	3C	40	12F5		569	MVI	BRAD+2,X'40' MOVE BLANKS TO PR AREA
129C	C1	A2	120B		570	TIO	ELF,X'A2' TEST FOR BUSY
12A0	C1	A0	1212		571	FLY TIO	BUG,X'A0' TEST FOR ERROR
12A4	C0	87	021A		572	FLIT	B PRINT
12A8	81			12A8	573	DC	XL1'81'
12A9	39			12A9	574	DC	XL1'39'
12AA	1324			12AB	575	DC	AL2(UNIT)
12AC	C0	87	021A		576	B	PRINT
12B0	0139			12B1	577	DC	XL2'0139'
12B2	1330			12B3	578	DC	AL2(VIPER)
12B4	0C	07	0B5C		579	MVI	FILET+1,X'07' STOP AFTER FIRST GROUP
12B8	C2	01	021A		580	LA	PRINT,XR1
12BC	34	01	1A1D		581	ST	END+3,XR1
12C0	C0071000			12C3	582	POUT	DC XL4'C0071000'
12C4	C0	87	12C4		583	GOUT	B GOUT
12C8	0C	05	12FC	1480	584	BURN	MVC NIBS(6),CRUX-1
12CE	C0	87	1272		585	B	SLAB
				021A	586	PRINT	EQU X'21A'
				021E	587	UNPACK	EQU X'21E'
12D2				12D5	588	NUT	DS CL4
12D6	00			12D6	589	ANDES	DC XL1'00'
12D7				12DD	590	KNIT	DS CL7
12DE				12F2	591	KITE	DS CL5
12E3				12E5	592	KIT	DS CL3
12E6				12E8	593	KAT	DS CL3
12E9				12EA	594	OPINE	DS CL2
12EB	40C5D9D9D6D940F0			12F3	595	ERAD	DC CL9' ERROR 0'
12F3	40				595		
12F4				12FC	596	NIBS	DS CL9
12FD				1324	597	UNIT	DS CL40
1325	00			1325	598	ANDY	DC XL1'00'
				599	*****PRINT HEADING ROUTINE ONLY ONCE PER LOAD*****		
1326	34	08	133B		600	ONCE	ST HERE+3,X'08'
132A	3C	07	121E		601	MVI	ONLY+1,X'07'
132E	C0	87	021A		602	B	PRINT
1332	C1			1332	603	DC	XL1'C1'
1333	3E			1333	604	DC	XL1'3A'
1334	1376			1335	605	DC	AL2(OPUS)
1336	A001			1337	606	DC	XL2'A001'
1338	C0	87	134F		607	HERE	B HERE
133C	40C5D9D9D6D940D5			1345	608	DC	CL10' ERROR NO.'
1344	D64B				608		

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	
1346	40D4E2C740D5D64B	1376	609	OPUS	DC	CL49'	MSG NO. B E STATUS CTRL FLD DFGR DFDR DATA'	
134E	40C240C5404040E2		609					
1356	E3C1E3E4E2404040		609					
135E	C3E3D9D340C6D3C4		609					
1366	4040C4C6C3D94040		609					
136E	C4C6C4D940C4C1E3		609					
1376	C1		609					
1377	4040C5E7D7C5C3E3	1388	610		DC	CL18'	EXPECTED	
137F	C5C4404040404040		610					
1387	4040		610					
1389		1380	611	VIPER	DS	CL40		
13B1	40	13B1	612	BLANK	DC	CL1'		
13B2	D5D640C2D94B40D6	13C3	613	SCAN	DC	CL18'	NO BR. ON SCAN HIT'	
13BA	E540E2C3C1D540C8		613					
13C2	C9E3		613					
		614	*****ROUTINES TO SELECT HEAD 0 OR 1 *****					
13C4	34 08 13EA		615	BOSS	ST	MASK+3,X'08'	STORE RETURN	
13C8	0C 03 1FE4 144A		616		MVC	ARNE+3(4),BASK	SET UP FOR HD 1	
13CE	C0 87 13DC		617		B	MASS		
13D2	34 08 13EA		618	BASS	ST	MASK+3,X'08'	STORE RETURN	
13D6	0C 03 1FE4 1446		619		MVC	ARNE+3(4),PASS	SET UP FOR HD 0	
13DC	31 A6 149D		620	MASS	LIO	ANNE,X'A6'		
13E0	F3 A0 00		621		SIO	X'00',X'A0'	SEEK	
13E3	C0 87 13EB		622		B	ANISE		
13E7	C0 87 13E7		623	MASK	B	MASK		
		624	***** SUBROUTINE TO CHK SK BUSY *****					
13EB	34 08 1442		625	ANISE	ST	ANVIL+3,X'08'	STORE RETURN	
13EF	0C 00 14F4 1502		626		MVC	BEIGE-2(1),ONE	SET UP TIME OUT CTR	
13F5	30 A2 12DB		627	ATTIC	SNS	KNIT-2,X'A2'	SENSE STATUS 0 + 1	
13F9	30 A3 12DD		628		SNS	KNIT,X'A3'	SENSE STATUS 2 + 3	
13FD	0C 02 1398 1BAE		629		MVC	MSK-1(3),MSK3	SET UP DONT CAR" BITS	
1403	3C 00 1BA5		630		MVI	EXP,X'00'	SET UP EXPECTED HITS	
1407	0C 06 1BA4 1BA5		631		MVC	EXP-1(7),EXP		
140D	C0 87 1B52		632		B	FAKE	ER. TO ADJUST EXPECTED BITS	
1411	C0 87 021E		633		B	UNPACK	BR. TO CONVERT STATUS	
1415	03	1415	634		DC	XL1'03'		
1416	1BA0	1417	635		DC	AL2(EXP-5)		
1418	1394	1419	636		DC	AL2(VIPER-28)		
141A	0F 02 14.6 1502		637		SLC	BEIGE(3),ONE	SUTRACT ONE FROM TIMEOUT CTR	
1420	C0 01 142C		638		BNZ	ARBOR		
1424	C0 87 1219		639		B	TURN		
1428	C0 87 1A1A		640		B	END		
142C	38 10 12DB		641	ARBOR	TBN	KNIT-2,X'10'	TEST FOR SEEK BUSY	
1430	C0 10 13F5		642		BT	ATTIC	LOOP IF BUSY	
1434	38 01 12DA		643		TBN	KNIT-3,X'01'	TEST FOR SEEK CHECK	
1438	F2 90 04		644		JF	ANVIL		
143B	C0 87 1219		645		B	TURN		
143F	C0 87 143F		646	ANVIL	B	ANVIL		
1443	00000000	1446	647	PASS	DC	XL4'00000	SEEK CTL FLD NO MOTION HD 0	
1447	00C08100	144A	648	BASK	DC	XL4'00008100'		
144B	1A1A	144C	649	GAUDY	DC	AL2(END)		
144D	5C5CC5D5C45C5C	1453	650	LANE	DC	CL7'***END**'		
1454	1A1A	1455	651	SAND	DC	AL2(END)		
1456	1458	1457	652	SAW	DC	AL2(CAKE-3)		
1458	000001DF	145B	653	CAKE	DC	XL4'000001DF'		
145C	F0F1F0F0F0F0F0	1462	654	TRUCK	DC	XL7'F0F1F0F0F0F0F0'		
1463	F2F0F0F0F0F0	1468	655	TRICK	DC	XL6'F2F0F0F0F0F0'		
1469	F3F0F0F0F0F0	146E	656	THICK	DC	XL6'F3F0F0F0F0F0'		
146F	F4F0F0F0F0F0	1474	657	THAT	DC	XL6'F4F0F0F0F0F0'		
1475	F5F0F0F0F0F0	147A	658	THEM	DC	XL6'F5F0F0F0F0F0'		
147B	F0F0F0F0F0F0	1481	659	CRUX	DC	CL7'0000000'		
1482	F0F0F0F0F0	1486	660	FLUX	DC	CL5'00000'		
1487	F0F0F0F0F0	148B	661	TEN	DC	CL5'00010'		
148C	A300	148D	662	LAP	DC	XL2'A300'		
148E	00005401	1491	663	SCAP	DC	XL4'00005403'		
1492	FFFF	1493	664	CORN	DC	XL2'FFFF'		
1494	0000	1495	665	CORD	DC	XL2'0000'		
		0001	666	XR1	EQU	1		

AG14 FILE CONTROL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT	
1496	00000005	1499	567	ABY JS	DC	XL4'00000005'
149A	1EE0	149B	668	BESS	DC	AL2(BARN)
149C	1FE1	149D	669	ANNE	DC	AL2(ARNE)
149E	D9C5C640F1	14A2	670	PALMS	DC	CL5'REF 1'
14A3	00	14A3	671	SAY	DC	XL1'00'
14A4	00000000	14A7	672		DC	XL4'00000000'
14AB	000100001818C2C2	14AF	673	SMART	DC	XL8'000100001818C2C2'
14B0	00FF0401	14B3	674	COPE	DC	XL8'00FF0401'
14B4	A101	14E5	675	MAY	DC	XL2'A101'
14B6	A100	14E7	676	NOR	DC	XL2'A100'
14B8	A102	14B9	677	OPERA	DC	XL2'A102'
14BA	A103	14BB	678	PINE	DC	XL2'A103'
14BC	A200	14BD	679	RAT	DC	XL2'A200'
14BE	A201	14BF	680	SET	DC	XL2'A201'
14C0	A301	14C1	681	TAP	DC	XL2'A301'
14C2	A302	14C3	682	VIP	DC	XL2'A302'
14C4	00000000	14C7	683	MOPE	DC	XL4'00000000'
14C8	03	14C8	684	ROPE	DC	XL1'03'
14C9	0000	14CA	685	WAD	DC	XL2'0000'
14CB	0000	14CC	686	WED	DC	XL2'0000'
14CD	0000	14CE	687	ARID	DC	XL2'4000'
14CF	00000000	14D2	688	CAREA	DC	XL4'00000000'
14D3	00	14D3	689	CCNTP	DC	XL1'00'
14D4	55	14D4	690	FTY5	DC	XL1'55'
14D5	0000	14D6	691	ANY	DC	XL2'0000'
14D7	0000	14D8	692	ENY	DC	XL2'0000'
14D9	00	14D9	693	FAY	DC	XL1'00'
14DA		14DD	694	DS	DC	CL4
14DE	0000	14DF	695	GAY	DC	XL2'0000'
14E0	000000000000000000	14E9	696	ART	DC	XL10'0000000000000000000000000000'
14E8	0000		696			
14EA	0000	14EB	697	ABNER	DC	XL2'0000'
14EC	0000	14ED	698	EILA	DC	XL2'0000'
14EE	0000	14EF	699	BELL	DC	XL2'0000'
14F0	0000	14F1	700	BAM	DC	XL2'0000'
14F2	0000	14F3	701	FLUID	DC	XL2'0000'
14F4	000000	14F6	702	BEIGF	DC	XL3'000000'
14F7	007000	14F9	703	TAN	DC	XL3'007000'
14FA	00000000	14FD	704	CANT	DC	XL4'00000000'
14FE	00	14FE	705	BSIND	DC	XL1'00'
14FF	00	14FF	706	LRIN	DC	XL1'00'
1500	000001	1502	707	ONE	DC	XL3'000001'
1503	000002	1505	708	TWO	DC	XL3'000002'
1506	000004	1508	709	FOUR	DC	XL3'000004'
1509	10100000	150C	710	TONY	DC	XL4'10100000'
150D	0003	150E	711	THREE	DC	XL2'0003'
150F		1511	712		DC	CL3
1512	0000	1513	713	ELOAD	DC	XL2'0000'
1514	0000	1515	714	TOAD	DC	XL2'0000'
1516	0000	1517	715	RTNAP	DC	XL2'0000'
1518	0000	1519	716	ALTAR	DC	XL2'0000'
151A	00	151A	717	ANNA	DC	XL1'00'
151B	00	151B	718	ANO	DC	XL1'00'
151C	00	151C	719	POND	DC	XL1'00'
151D	6000	151E	720	CLK1	DC	XL2'6000'
151F	4000	1520	721	FETE	DC	XL2'4000'
1521	0000000000	1525	722	ALMS	DC	XL5'0000000000'
1526	1528	1527	723	MAX	DC	AL2(MORN)
1528	40	1528	724	MORN	DC	XL1'40'
1529	02	1529	725		DC	XL1'02'
152A	525E66	152C	726		DC	XL3'525E66'
152D	2A10	152E	727		DC	XL2'2A10'
152F	22	152F	728		DC	XL1'22'
1530	1A000B	1532	729		DC	XL3'1A000B'
1533	3AC218	1535	730		DC	XL3'3AC218'
1536	1A0E01	1538	731		DC	XL3'1A0E01'
1539	1AFF01	153B	732		DC	XL3'1AFF01'
153C	1A0005	153E	733		DC	XL3'1A0005'

ADDRESS OF DATA FIELD
ADDRESS OF CONTROL FLD

READ DATA 2 CTL FLD

CTL FLD WR ID RD ID
CTL FLD WR DATA RD DIAG

DFCR PARA
DFLR PARA
PARA WKG AREA

PARA POINTER

2 OSC
RESET
SET BUSY NO ERROR
INITIALIZE SET TO 8
11 BYTES 0
GOOD AM
SYNC CHAR
1ST BYTE ID FF
2 BYTE 0 ID 3 BYTE CC DATA CHK

A014 FILE CONTROL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
153F	2A11	1540	734	DC	XL2'2A11'
1541	1A000E	1543	735	DC	XL3'1A000E'
1544	02FF000000	1548	736	DC	XL5'02FF000000'
1549	3A8218	154B	737	DC	XL3'3A8218'
154C	1A0002	154E	738	DC	XL3'1A0002'
154F	3A4218	1551	739	DC	XL3'3A4218'
1552	1A0002	1554	740	DC	XL3'1A0002'
1555	3AC018	1557	741	DC	XL3'3AC018'
1558	1A0002	155A	742	DC	XL3'1A0002'
155B	3AC210	155D	743	DC	XL3'3AC210'
155E	1A0002	1560	744	DC	XL3'1A0002'
1561	3AC208	1563	745	DC	XL3'3AC208'
1564	1A0002	1566	746	DC	XL3'1A0002'
1567	3AE218	1569	747	DC	XL3'3AE218'
156A	1A0002	156C	748	DC	XL3'1A0002'
156D	3AD218	156F	749	DC	XL3'3AD218'
1570	1A0002	1572	750	DC	XL3'1A0002'
1573	3ACA18	1575	751	DC	XL3'3ACA18'
1576	1A0002	1578	752	DC	XL3'1A0002'
1579	3AC628	157B	753	DC	XL3'3AC628'
157C	1A0002	157E	754	DC	XL3'1A0002'
157F	3AC318	1581	755	DC	XL3'3AC318'
1582	1A0002	1584	756	DC	XL3'1A0002'
1585	3AC298	1587	757	DC	XL3'3AC298'
1588	1A0002	158A	758	DC	XL3'1A0002'
158B	3AC258	158D	759	DC	XL3'3AC258'
158E	1A0002	1590	760	DC	XL3'1A0002'
1591	3AC238	1593	761	DC	XL3'3AC238'
1594	1A0002	1596	762	DC	XL3'1A0002'
1597	3AC21C	1599	763	DC	XL3'3AC21C'
159A	1A0002	159C	764	DC	XL3'1A0002'
159D	3AC21A	159F	765	DC	XL3'3AC21A'
15A0	1A0002	15A2	766	DC	XL3'1A0002'
15A3	3AC219	15A5	767	DC	XL3'3AC219'
15A6	1A0002	15A8	768	DC	XL3'1A0002'
15A9	3AC218	15AB	769	DC	XL3'3AC218'
15AC	2A10	15AD	770	DC	XL2'2A10'
15AE	1A0E01	15B0	771	DC	XL3'1A0E01'
15B1	1A0003	15B3	772	DC	XL3'1A0003'
15B4	1AFF03	15B6	773	DC	XL3'1AFF03'
15B7	1A000A	15B9	774	DC	XL3'1A000A'
15BA	2A00	15BB	775	DC	XL2'2A00'
15BC	1A0001	15BE	776	DC	XL3'1A0001'
15BF	4A	15BF	777	DC	XL1'4A'
15C0	0AAD	15C1	778	DC	AL2(RAPT)
15C2	15C4	15C3	779	PEN DC	AL2(SHED)
15C4	40	15C4	780	SHED DC	XL1'40'
15C5	02	15C5	781	DC	XL1'02'
15C6	525E66	15C8	782	DC	XL3'525E66'
15C9	2A10	15CA	783	DC	XL2'2A10'
15CB	22	15CB	784	DC	XL1'22'
15CC	1A000B	15CE	785	DC	XL3'1A000B'
15CF	3AC218	15D1	786	DC	XL3'3AC218'
15D2	1A0E01	15D4	787	DC	XL3'1A0E01'
15D5	2A11	15D6	788	DC	XL2'2A11'
15D7	1AFF01	15D8	789	DC	XL3'1AFF01'
15DA	1A0006	15DC	790	DC	XL3'1A0006'
15DD	4E0A000000	15E1	791	DC	XL5'4E0A000000'
15E2	1A000E	15E4	792	DC	XL3'1A000E'
15E5	3AC218	15E7	793	DC	XL3'3AC218'
15E8	1A0E01	15EA	794	DC	XL3'1A0E01'
15EB	1A0001	15ED	795	DC	XL3'1A0001'
15EE	1AFF01	15F0	796	DC	XL3'1AFF01'
15F1	1A0401	15F3	797	DC	XL3'1A0401'
15F4	1A0001	15F6	798	DC	XL3'1A0001'
15F7	1AFB01	15F9	799	DC	XL3'1AFB01'
15FA	1AF601	15FC	800	DC	XL3'1AF601'
15FD	2A10	15FE	801	DC	XL2'2A10'

A014 FILE CONTROL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT	
15FF	1A000E	1601	802	DC	XL3'1A000E'	14 BYTES 0
1602	1A0E01	1604	803	DC	XL3'1A0E01'	SYNC CHAR
1605	1AFF3F	1607	804	DC	XL3'1AFF3F'	63 DATA CHAR'S FF
1608	16FF	1609	805	DC	XL2'16FF'	COMP DATA CHAR FF
160A	1AEF01	160C	806	DC	XL3'1AEF01'	1 DATA EF
160D	06	160E	807	DC	XL1'06'	COMP DFDR
160E	1F1F	160F	808	DC	AL2(BARN+63)	
1610	26	1610	809	DC	XL1'26'	RESET DFDR
1611	1A00C0	1613	810	DC	XL3'1A00C0'	192 BYTES 0
1614	16EF	1615	811	DC	XL2'16EF'	COMP DATA CHAR 00
1616	26	1616	812	DC	XL1'26'	RESET DFDR
1617	1AFF01	1619	813	DC	XL3'1AFF01'	CC CHAR
161A	1AEF01	161C	814	DC	XL3'1AEF01'	CC CHAR
161D	1A0001	161F	815	DC	XL3'1A0001'	BCA CHAR
1620	1A0014	1622	816	DC	XL3'1A0014'	14 BYTES 0
1623	E010	1624	817	DC	XL2'E010'	16 WR OSC AND INDEX
1625	1A000A	1627	818	DC	XL3'1A000A'	10 BYTES 0
1628	3AC218	162A	819	DC	XL3'3AC218'	GOOD AM
162B	1A0E01	162D	820	DC	XL3'1A0E01'	SYNC CHAR
162E	4410	162F	821	DC	XL2'4410'	16 SEP CLK +DATA CYC INH
1630	1A000A	1632	822	DC	XL3'1A000A'	10 BYTES 0
1633	3AC218	1635	823	DC	XL3'3AC218'	GOOD A M
1636	1A0E01	1638	824	DC	XL3'1A0E01'	SYNC CHAR
1639	1A0001	163B	825	DC	XL3'1A0001'	1 BYTE 0
163C	1AFF01	163E	826	DC	XL3'1AFF01'	1 BYTE FF ID C BYTE
163F	1A2801	1641	827	DC	XL3'1A2801'	1 BYTE 28 S !| )
1642	1A0001	1644	828	DC	XL3'1A0001'	1 BYTE 0 CC1
1645	1AD701	1647	829	DC	XL3'1AD701'	1 BYTED7 CC2
1648	1AF501	164A	830	DC	XL3'1AF501'	1 BYTE F5 BCA
164B	1A000E	164D	831	DC	XL3'1A000E'	14 BYTES 0
164E	1A0A01	1650	832	DC	XL3'1A0A01'	TEST SYNC CHAR RECOGNITION
1651	1A0601	1653	833	DC	XL3'1A0601'	TEST SYNC CHAR RECOGNITION
1654	1A8E01	1656	834	DC	XL3'1A8E01'	TEST SYNC CHAR RECOGNITION
1657	1A4E01	1659	835	DC	XL3'1A4E01'	TEST SYNC CHAR RECOGNITION
165A	1A2E01	165C	836	DC	XL3'1A2E01'	TEST SYNC CHAR RECOGNITION
165D	1A1E01	165F	837	DC	XL3'1A1E01'	TEST SYNC CHAR RECOGNITION
1660	1A0F01	1662	838	DC	XL3'1A0F01'	TEST SYNC CHAR RECOGNITION
1663	1A0E01	1665	839	DC	XL3'1A0E01'	TEST SYNC CHAR RECOGNITION
1666	1A000B	1668	840	DC	XL3'1A000B'	11 BYTES 0
1669	06	1669	841	DC	XL1'06'	COMP DFDR
166A	1EEB	166B	842	DC	AL2(BARN+11)	
166C	1A0E01	166E	843	DC	XL3'1A0E01'	1 0E TESTS NO ADV OF CCR RING
166F	1A00F4	1671	844	DC	XL3'1A00F4'	244 BYTES 0
1672	1AFF01	1674	845	DC	XL3'1AFF01'	1 BYTE FF
1675	1AF101	1677	846	DC	XL3'1AF101'	1 BYTE F1
1678	1AFC01	167A	847	DC	XL3'1AFC01'	1 BYTE FC
167B	1A000E	167D	848	DC	XL3'1A000E'	14 BYTES 0
167E	2A00	167F	849	DC	XL2'2A00'	SET IND BUSY OFF ERROR OFF
1680	1A0001	1682	850	DC	XL3'1A0001'	1 BYTE 0
1683	4A	1683	851	DC	XL1'4A'	BRANCH TO WRITE DATA
1684	0AF7	1685	852	DC	AL2(RAST)	
1686	1688	1687	853	DC	AL2(RUNT)	
1688	40	1688	854	DC	XL1'40'	WRITE DATA ROUTINE
1689	02	1689	855	DC	XL1'02'	2 OSC
168A	525E66	168C	856	DC	XL3'525E66'	RESET
168D	2A10	168E	857	DC	XL2'2A10'	SET BUSY NO ERROR
168F	22	168F	858	DC	XL1'22'	INITIALIZE SET TO 8
1690	1A000B	1692	859	DC	XL3'1A000B'	11 BYTES 0
1693	3AC218	1695	860	DC	XL3'3AC218'	GOOD AM
1696	1A0E01	1698	861	DC	XL3'1A0E01'	SYNC CHAR
1699	1A0003	169B	862	DC	XL3'1A0003'	3 BYTES 0 ID
169C	1AFF03	169E	863	DC	XL3'1AFF03'	3 BYTES FF IDCC
169F	1A0005	16A1	864	DC	XL3'1A0005'	5 BYTES 0 TO PREDATA
16A2	4010	16A3	865	DC	XL2'4010'	16 OSC
16A4	1A0000	16A6	866	DC	XL3'1A0000'	256 BYTES OSC
16A7	1A0029	16A9	867	DC	XL3'1A0029'	TO AM TIME
16AA	3AC218	16AC	868	DC	XL3'3AC218'	GOOD AM
16AD	1A0E01	16AF	869	DC	XL3'1A0E01'	SYNC CHAR

A014 FILE CONTROL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
16B0	1A0003	16E2	870	DC	XL3'1A0003'
16B3	4E00000000	16B7	871	EC	XL5'4E00000000'
16B8	2A11	16B9	872	DC	XL2'2A11'
16BA	1AFF03	16BC	873	DC	XL3'1AFF03'
16BD	2A11	16BE	874	DC	XL2'2A11'
16BF	1AFF04	16C1	875	DC	XL3'1AFF04'
16C2	4E24000000	16C6	876	DC	XL5'4E24000000'
16C7	2A01	16C8	877	DC	XL2'2A01'
16C9	1A0001	16CB	878	DC	XL3'1A0001'
16CC	4A	16CC	879	DC	XL1'4A'
16CD	0B15	16CE	880	DC	AL2(VASE)
16CF	16D1	16D0	881	NOPE DC	AL2(NONE)
16D1	40	16D1	882	NONE DC	XL1'40'
16D2	02	16D2	883	DC	XL1'02'
16D3	525E66	16D5	884	DC	XL3'525E66'
16D6	2A10	16D7	885	DC	XL2'2A10'
16D8	22	16D8	886	DC	XL1'22'
16D9	1A000B	16DB	887	DC	XL3'1A000B'
16DC	3AC218	16DE	888	DC	XL3'3AC218'
16DF	1A0E01	16E1	889	DC	XL3'1A0E01'
16E2	2A11	16E3	890	DC	XL2'2A11'
16E4	1AFF01	16E6	891	DC	XL3'1AFF01'
16E7	4E02000000	16EB	892	DC	XL5'4E02000000'
16EC	1A0002	16EE	893	DC	XL3'1A0002'
16EF	1AFF01	16F1	894	DC	XL3'1AFF01'
16F2	4E02000000	16F6	895	DC	XL5'4E02000000'
16F7	1A0001	16F9	896	DC	XL3'1A0001'
16FA	1AF701	16FC	897	DC	XL3'1AF701'
16FD	1A000E	16FF	898	DC	XL3'1A000E'
1700	3AC218	1702	899	DC	XL3'3AC218'
1703	1A0E01	1705	900	DC	XL3'1A0E01'
1706	1A0004	1708	901	DC	XL3'1A0004'
1709	4E02000000	170D	902	DC	XL5'4E02000000'
170E	1A0003	1710	903	DC	XL3'1A0003'
1711	4E0A000000	1715	904	DC	XL5'4E0A000000'
1716	1A000E	1718	905	DC	XL3'1A000E'
1719	3AC218	171B	906	DC	XL3'3AC218'
171C	1A0E01	171E	907	DC	XL3'1A0E01'
171F	2A11	1720	908	DC	XL2'2A11'
1721	2416	1722	909	DC	XL2'2416'
1723	4E0A040000	1727	910	DC	XL5'4E0A040000'
1728	1A0000	172A	911	DC	XL3'1A0000'
172B	4A	172B	912	DC	XL1'4A'
172C	0AD5	172D	913	DC	AL2(RAFT)
		914	*****READ DATA DIAG CLOCK STEP FUNCTION TEST *****		
172E	1730	172F	915	CAT DC	AL2(TCM)
1730	40	1730	916	TCM DC	XL1'40'
1731	03	1731	917	DC	XL1'03'
1732	525E66	1734	918	DC	XL3'525E66'
1735	2E01	1736	919	DC	XL2'2E01'
1737	8001	1738	920	DC	XL2'8001'
1739	C005	173A	921	DC	XL2'C005'
173B	1E	173B	922	DC	XL1'1E'
173C	C00D	173D	923	DC	XL2'C00D'
173E	2A10	173F	924	DC	XL2'2A10'
1740	1A000A	1742	925	DC	XL3'1A000A'
1743	3AC218	1745	926	DC	XL3'3AC218'
1746	1A0E01	1748	927	DC	XL3'1A0E01'
1749	4410	174A	928	DC	XL2'4410'
174B	1A000A	174D	929	DC	XL3'1A000A'
174E	3AC21C	1750	930	DC	XL3'3AC21C'
1751	1A0E01	1753	931	DC	XL3'1A0E01'
1754	2A11	1755	932	DC	XL2'2A11'
1756	1AFF01	1758	933	DC	XL3'1AFF01'
1759	1A0001	175B	934	DC	XL3'1A0001'
175C	1A0002	175E	935	DC	XL3'1A0002'
175F	0A	175F	936	DC	XL1'0A'
1760	1PE4	1761	937	DC	AL2(ARNE+3)

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	
	1762	0E		1762	938	DC	XL1'0E'	GO TO ALT PARA FOR
	1763	1803		1764	939	DC	AL2(OBOE)	DIAG IDCC TO POST DATA
	1765	4E0E000000		1769	940	DC	XL5'4E0E000000'	TEST STATUS
	176A	3AC318		176C	941	DC	XL3'3AC318'	BAD AM
	176D	2A10		176E	942	DC	XL2'2A10'	SET BUSY ON ERROR OFF
	176F	1A0E01		1771	943	DC	XL3'1A0E01'	
	1772	2A11		1773	944	DC	XL2'2A11'	SET BUSY ON ERR ON
	1774	1AFF01		1776	945	DC	XL3'1AFF01'	ONE BYTE FF
	1777	1A0001		1779	946	DC	XL3'1A0001'	1 EYTE 00
	177A	1A0401		177C	947	DC	XL3'1A0401'	1 BYTE 04
	177D	0E		177D	948	DC	XL1'0E'	GO TO ALT PARA FOR
	177E	1803		177F	949	DC	AL2(OBOE)	DIAG IDCC TO POST DATA
	1780	4E0E000000		1784	950	DC	XL5'4E0E000000'	TEST STAUUS
	1785	3A8318		1787	951	DC	XL3'3A8318'	BAD AM
	1788	2A10		1789	952	DC	XL2'2A10'	SET BUSY ON ERR OFF
	178A	1A0E01		178C	953	DC	XL3'1A0E01'	SYNC CHAR
	178D	1A0003		178F	954	DC	XL3'1A0003'	3 BYTES 00 ID
	1790	2A11		1791	955	DC	XL2'2A11'	SET BUSY ON ERR ON
	1792	0E		1792	956	DC	XL1'0E'	GO TO ALT PARA FOR
	1793	1803		1794	957	DC	AL2(OBOE)	DIAG IDCC TO POST DATA
	1795	3AC218		1797	958	DC	XL3'3AC218'	GOOD AM
	1798	2A10		1799	959	DC	XL2'2A10'	SET BUSY NO ERR
	179A	1A0E01		179C	960	DC	XL3'1A0E01'	SYNC CHAR
	179D	1A0002		179F	961	DC	XL3'1A0002'	2 BYTES 00
	17A0	1A0401		17A2	962	DC	XL3'1A0401'	1 BYTE 04
	17A3	2A11		17A4	963	DC	XL2'2A11'	SET BUSY ON ERR ON
	17A5	0E		17A5	964	DC	XL1'0E'	GO TO ALT PARA
	17A6	1803		17A7	965	DC	AL2(OBOE)	DIAG IDCC TO POST DATA
	17A8	1A0002		17AA	966	DC	XL3'1A0002'	TWO BYTES 0
	17AB	8001		17AC	967	DC	XL2'8001'	
	17AD	4E0C000800		17B1	968	DC	XL5'4E0C000800'	
	17B2	E003		17B3	969	DC	XL2'E003'	3 INDEX AND OSC
	17B4	2A01		17B5	970	DC	XL2'2A01'	SET BUSY OFF ERROR ON
	17B6	1A0001		17B8	971	DC	XL3'1A0001'	1 EYTE 00
	17B9	4E0C200000		17BD	972	DC	XL5'4E0C200000'	
	17BE	4A		17BE	973	DC	XL1'4A'	
	17BF	0B3D		17C0	974	DC	AL2(SOFT)	
	17C1	17C3		17C2	975	DC	AL2(TREK)	
	17C3	40		17C3	976	DC	XL1'40'	
	17C4	03		17C4	977	DC	XL1'03'	
	17C5	525E66		17C7	978	DC	XL3'525E66'	RESET
	17C8	2A10		17C9	979	DC	XL2'2A10'	SET BUSY, NO ERROR
	17CA	2E01		17CB	980	DC	XL2'2E01'	TEST SENSE PROBES
	17CC	8001		17CD	981	DC	XL2'8001'	
	17CE	E005		17CF	982	DC	XL2'E005'	
	17D0	1E		17D0	983	DC	XL1'1E'	
	17D1	400D		17D2	984	DC	XL2'400D'	
	17D3	1A0038		17D5	985	DC	XL3'1A0038'	
	17D6	0A		17D6	986	DC	XL1'0A'	
	17D7	1FE4		17D8	987	DC	AL2(ARNE+3)	
	17D9	1A0010		17DB	988	DC	XL3'1A0010'	
	17DC	0A		17DC	989	DC	XL1'0A'	
	17DD	1FE1		17DE	990	DC	AL2(ARNE)	
	17DF	0210100016		17E3	991	DC	XL5'0210100016'	
	17E4	1A0000		17E6	992	DC	XL3'1A0000'	
	17E7	06		17E7	993	DC	XL1'06'	
	17E8	1EE0		17E9	994	DC	AL2(BARN)	
	17EA	3E		17EA	995	DC	XL1'3E'	
	17EB	1A0000		17ED	996	DC	XL3'1A0000'	
	17EE	1A0000		17F0	997	DC	XL3'1A0000'	
	17F1	E010		17F2	998	DC	XL2'E010'	
	17F3	1A0004		17F5	999	DC	XL3'1A0004'	
	17F6	2A00		17F7	1000	DC	XL2'2A00'	
	17F8	02101004FF		17FC	1001	DC	XL5'02101004FF'	
	17FD	1A0003		17FF	1002	DC	XL3'1A0003'	
	1800	4A		1800	1003	DC	XL1'4A'	BRANCH TO NEXT ROUTINE
	1801	0B5B		1802	1004	DC	AL2(FILET)	
	1803	06		1803	1005	DC	XL1'06'	

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
1804	1FE0			1805	1006	DC	AL2(BARN)
1806	0A			1806	1007	DC	XL1'0A'
1807	1FE4			1808	1008	DC	AL2(ARNE+3)
1809	1AFF01			180B	1009	DC	XL3'1AFF01'
180C	1A0401			180E	1010	DC	XL3'1A0401'
180F	1AF601			1811	1011	DC	XL3'1AF601'
1812	1A000C			1814	1012	DC	XL3'1A000C'
1815	1A0E01			1817	1013	DC	XL3'1A0E01'
1818	1A0000			181A	1014	DC	XL3'1A0000'
181B	1A0014			181D	1015	DC	XL3'1A0014'
181E	0A			181E	1016	DC	XL1'0A'
181F	1FE1			1820	1017	DC	AL2(ARNE)
1821	12			1821	1018	DC	XL1'12'
1822	3A			1822	1019	FLO DC	XL1'3A'
1823	C218			1824	1020	DC	XL2'C218'
1825	2A10			1826	1021	DC	XL2'2A10'
1827	1A0E01			1829	1022	DC	XL3'1A0E01'
182A	1A0002			182C	1023	DC	XL3'1A0002'
182D	1A5401			182F	1024	DC	XL3'1A5401'
1830	2A11			1831	1025	DC	XL2'2A11'
1832	1AFF01			1834	1026	DC	XL3'1AFF01'
1835	1AAB01			1837	1027	DC	XL3'1AAB01'
1838	1AFC02			183A	1028	DC	XL3'1AFC02'
183B	1A0010			183D	1029	DC	XL3'1A0010'
183E	1A0E01			1840	1030	DC	XL3'1A0E01'
1841	1A0000			1843	1031	DC	XL3'1A0000'
1844	1600			1845	1032	DC	XL2'1600'
1846	12			1846	1033	DC	XL1'12'
1847	40			1847	1034	IMP DC	XL1'40'
1848	02			1848	1035	DC	XL1'02'
1849	525E66			184B	1036	DC	XL3'525E66'
184C	2A10			184D	1037	DC	XL2'2A10'
184E	22			184E	1038	DC	XL1'22'
184F	1A000B			1851	1039	DC	XL3'1A000B'
1852	12			1852	1040	DC	XL1'12'
1853	1A			1853	1041	URN DC	XL1'1A'
1854	0E01			1855	1042	DC	XL2'0E01'
1856	1A0002			1858	1043	DC	XL3'1A0002'
1859	1A5401			185B	1044	DC	XL3'1A5401'
185C	1AFF01			185E	1045	DC	XL3'1AFF01'
185F	1AAB01			1861	1046	DC	XL3'1AAB01'
1862	1AFC01			1864	1047	DC	XL3'1AFC01'
1865	0A			1865	1048	DC	XL1'0A'
1866	1FE4			1867	1049	DC	AL2(ARNE+3)
1868	12			1868	1050	DC	XL1'12'
1869	1A			1869	1051	ALICE DC	XL1'1A'
186A	0E01			186B	1052	DC	XL2'0E01'
186C	1A0002			186E	1053	DC	XL3'1A0002'
186F	1A5801			1871	1054	DC	XL3'1A5801'
1872	1AFF01			1874	1055	DC	XL3'1AFF01'
1875	1AA701			1877	1056	DC	XL3'1AA701'
1878	1AFC01			187A	1057	DC	XL3'1AFC01'
187B	0A			187B	1058	DC	XL1'0A'
187C	1FE4			187D	1059	DC	AL2(ARNE+3)
187E	12			187E	1060	DC	XL1'12'
187F	1A			187F	1061	PONY DC	XL1'1A'
1880	0010			1881	1062	DC	XL2'0010'
1882	1A0E01			1884	1063	DC	XL3'1A0E01'
1885	12			1885	1064	DC	XL1'12'
1886	1A			1886	1065	FOLKS DC	XL1'1A'
1887	FF01			1888	1066	DC	XL2'FF01'
1889	06			1889	1067	DC	XL1'06'
188A	1FE0			188B	1068	DC	AL2(BARN+256)
188C	1AFD01			188E	1069	DC	XL3'1AFD01'
188F	1A000E			1891	1070	DC	XL3'1A000E'
1892	06			1892	1071	DC	XL1'06'
1893	1EE0			1894	1072	DC	AL2(BARN)
1895	12			1895	1073	DC	XL1'12'

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
1896	189R		1897	1074	BLOB DC	AL2(BLOB1)
1898	E0		1898	1075	BLOB1 DC	XL1'E0'
1899	07		1899	1076	DC	XL1'07'
189A	2E01		189B	1077	DC	XL2'2E01'
189C	2A10		189D	1078	DC	XL2'2A10'
189E	1AFF01		18A0	1079	DC	XL3'1AFF01'
18A1	8001		18A2	1080	DC	XL2'8001'
18A3	E005		18A4	1081	DC	XL2'E005'
18A5	1E		18A5	1082	DC	XL1'1E'
18A6	C00D		18A7	1083	DC	XL2'C00D'
18A8	1A0020		18AA	1084	DC	XL3'1A0020'
18AB	0E		18AB	1085	DC	XL1'0E'
18AC	1822		18AD	1086	DC	AL2(FLO)
18AE	1A0025		18B0	1087	DC	XL3'1A0025'
18B1	0E		18B1	1088	DC	XL1'0E'
18B2	1822		18B3	1089	DC	AL2(FLO)
18B4	4A		18B4	1090	DC	XL1'4A'
18B5	12C4		18B6	1091	DC	AL2(GCUT)
18B7	1859		18B8	1092	BLOT DC	AL2(BLOT1)
18B9	0E		18B9	1093	BLOT1 DC	XL1'0E'
18BA	1847		18BB	1094	DC	AL2(IMP)
18BC	3AC218		18BE	1095	DC	XL3'3AC218'
18BF	1A0E01		18C1	1096	DC	XL3'1A0E01'
18C2	1AFC01		18C4	1097	DC	XL3'1AFC01'
18C5	1A0301		18C7	1098	DC	XL3'1A0301'
18C8	1A5801		18CA	1099	DC	XL3'1A5801'
18CB	1AFC01		18CD	1100	DC	XL3'1AFC01'
18CE	1A5B01		18D0	1101	DC	XL3'1A5B01'
18D1	1AF401		18D3	1102	DC	XL3'1AF401'
18D4	1A0014		18D6	1103	DC	XL3'1A0014'
18D7	E000		18D8	1104	DC	XL2'E000'
18D9	2A11		18DA	1105	DC	XL2'2A11'
18DB	1A0020		18DD	1106	DC	XL3'1A0020'
18DE	3AC218		18E0	1107	DC	XL3'3AC218'
18E1	0E		18E1	1108	DC	XL1'0E'
18E2	1853		18E3	1109	DC	AL2(URN)
18E4	2A10		18E5	1110	DC	XL2'2A10'
18E6	1A0011		18E8	1111	DC	XL3'1A0011'
18E9	4008		18EA	1112	DC	XL2'4008'
18EB	2E01		18EC	1113	DC	XL2'2E01'
18ED	4002		18EE	1114	DC	XL2'4002'
18EF	2E00		18F0	1115	DC	XL2'2E00'
18F1	4006		18F2	1116	DC	XL2'4006'
18F3	1A0000		18F5	1117	DC	XL3'1A0000'
18F6	1A0014		18F8	1118	DC	XL3'1A0014'
18F9	3AC218		18FB	1119	DC	XL3'3AC218'
18FC	1A0E01		18FE	1120	DC	XL3'1A0E01'
18FF	1A0002		1901	1121	DC	XL3'1A0002'
1902	1A5401		1904	1122	DC	XL3'1A5401'
1905	2A11		1906	1123	DC	XL2'2A11'
1907	1AFF01		1909	1124	DC	XL3'1AFF01'
190A	1AAB01		190C	1125	DC	XL3'1AAB01'
190D	1AFC01		190F	1126	DC	XL3'1AFC01'
1910	1A0004		1912	1127	DC	XL3'1A0004'
1913	2A01		1914	1128	DC	XL2'2A01'
1915	4E04000000		1919	1129	DC	XL5'4E04000000'
191A	1A0001		191C	1130	DC	XL3'1A0001'
191D	4A		191D	1131	DC	XL1'4A'
191E	0BC3		191F	1132	DC	AL2(SOLAR)
1920	1922		1921	1133	BLAB DC	AL2(BLAB1)
1922	0E		1922	1134	ELAB1 DC	XL1'0E'
1923	1847		1924	1135	DC	AL2(IMP)
1925	3AC218		1927	1136	DC	XL3'3AC218'
1928	0E		1928	1137	DC	XL1'0E'
1929	1853		192A	1138	DC	AL2(URN)
192B	0E		192B	1139	DC	XL1'0E'
192C	187F		192D	1140	DC	AL2(PONY)
192E	1A1201		1930	1141	DC	XL3'1A1201'

A014 FILE CONTROL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT	
1931	1A00FF	1933	1142	DC	XL3'1A00FF'	255 BU
1934	1AED01	1936	1143	DC	XL3'1AED01'	1 BYTE ED
1937	0E	1937	1144	DC	XL1'0E'	GO TO ALT ROUTINE
1938	1886	1939	1145	DC	AL2(FOLKS)	
193A	7A00	193B	1146	DC	XL2'7A00'	TEST NOT SCAN FOUND
193C	1A0004	193E	1147	DC	XL3'1A0004'	4 BYTES 00
193F	06	193F	1148	DC	XL1'06'	COMP DFDR
1940	1EE0	1941	1149	DC	AL2(BARN)	
1942	3AC218	1944	1150	DC	XL3'3AC218'	GOOD AM
1945	0E	1945	1151	DC	XL1'0E'	GO TO ALT PARA FOR
1946	1869	1947	1152	DC	AL2(ALICE)	
1948	0E	1948	1153	DC	XL1'0E'	GO TO ALT ROUTINE
1949	187F	194A	1154	DC	AL2(PONY)	
194B	1A0601	194D	1155	DC	XL3'1A0601'	1 BYTE 06
194E	1A00FF	1950	1156	DC	XL3'1A00FF'	255 BYTES 00
1951	1AF901	1953	1157	DC	XL3'1AF901'	1 BYTE F9
1954	0E	1954	1158	DC	XL1'0E'	GO TO ALT PARA FOR
1955	1886	1956	1159	DC	AL2(FOLKS)	
1957	4E00C00000	195B	1160	DC	XL5'4E00000000'	TEST STATUS
195C	7A01	195D	1161	DC	XL2'7A01'	TEST SCAN FOUND
195E	2A00	195F	1162	DC	XL2'2A00'	BUSY OFF ERROR OFF
1960	1AFF01	1962	1163	DC	XL3'1AFF01'	1 BYTE FF
1963	4A	1963	1164	DC	XL1'4A'	GO TO NEXT ROUTINE
1964	0BE1	1965	1165	DC	AL2(SOUND)	
1966	1968	1967	1166	BRAN DC	AL2(BRAN1)	
1968	0E	1968	1167	BRAN1 DC	XL1'0E'	GO TO ALT ROUTINE
1969	1847	196A	1168	DC	AL2(IMP)	
196B	3AC218	196D	1169	DC	XL3'3AC218'	GOOD AM
196E	0E	196E	1170	DC	XL1'0E'	GO TO ALT PARA FOR
196F	1853	1970	1171	DC	AL2(URN)	
1971	0E	1971	1172	DC	XL1'0E'	GO TO ALT PARA FOR
1972	18	1973	1173	DC	AL2(PCNY)	
1974	1A0601	1976	1174	DC	XL3'1A0601'	1 BYTE 06
1977	1A00FF	1979	1175	DC	XL3'1A00FF'	255 BU
197A	1AF901	197C	1176	DC	XL3'1AF901'	1 BYTE F9
197D	0E	197D	1177	DC	XL1'0E'	GO TO ALT ROUTINE
197E	1886	197F	1178	DC	AL2(FOLKS)	
1980	7A00	1981	1179	DC	XL2'7A00'	TEST NOT SCAN FOUND
1982	1A0004	1984	1180	DC	XL3'1A0004'	4 BYTES 00
1985	06	1985	1181	DC	XL1'06'	COMP DFDR
1986	1EE0	1987	1182	DC	AL2(BARN)	
1988	3AC218	198A	1183	DC	XL3'3AC218'	GOOD AM
198B	0E	198B	1184	DC	XL1'0E'	GO TO ALT PARA FOR
198C	1869	198D	1185	DC	AL2(ALICE)	
198E	0E	198E	1186	DC	XL1'0E'	GO TO ALT ROUTINE
198F	187F	1990	1187	DC	AL2(PCNY)	
1991	1A1201	1993	1188	DC	XL3'1A1201'	1 BYTE 12
1994	1A00FF	1996	1189	DC	XL3'1A00FF'	255 BYTES 00
1997	1AED01	1999	1190	DC	XL3'1AED01'	1 BYTE ED
199A	0E	199A	1191	DC	XL1'0E'	GO TO ALT PARA FOR
199B	1886	199C	1192	DC	AL2(FOLKS)	
199D	4E00000000	19A1	1193	DC	XL5'4E00000000'	TEST STATUS
19A2	7A01	19A3	1194	DC	XL2'7A01'	TEST SCAN FOUND
19A4	2A00	19A5	1195	DC	XL2'2A00'	BUSY OFF ERROR OFF
19A6	1AFF01	19A8	1196	DC	XL3'1AFF01'	1 BYTE FF
19A9	4A	19A9	1197	DC	XL1'4A'	GO TO NEXT ROUTINE
19AA	0BFF	19AB	1198	DC	AL2(NCLA)	
19AC	19AE	19AD	1199	BIRD DC	AL2(BIRD1)	
19AE	0E	19AE	1200	BIRD1 DC	XL1'0E'	GO TO ALT ROUTINE
19AF	1847	19B0	1201	DC	AL2(IMP)	
19B1	3AC218	19B3	1202	DC	XL3'3AC218'	GOOD AM
19B4	26	19B4	1203	DC	XL1'26'	RESET DFDR
19B5	0E	19B5	1204	DC	XL1'0E'	GO TO ALT PARA FOR
19B6	1853	19B7	1205	DC	AL2(URN)	
19B8	0E	19B8	1206	DC	XL1'0E'	GO TO ALT PARA FOR
19B9	187F	19BA	1207	DC	AL2(PONY)	
19BB	1A1101	19BD	1208	DC	XL3'1A1101'	1 BYTE 11
19BE	1A00FF	19C0	1209	DC	XL3'1A00FF'	255 BU

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	
	19C1	1AEE01		19C3	1210	DC	XL3'1AEE01'	1 BYTE EE
	19C4	0E		19C4	1211	DC	XL1'0E'	GO TO ALT ROUTINE
	19C5	1886		19C6	1212	DC	AL2(FOLKS)	
	19C7	7A01		19C8	1213	DC	XL2'7A01'	TEST SCAN FOUND
	19C9	4E00800000		19CD	1214	DC	XL5'4E00800000'	TEST STATUS EQUAL HIT
	19CE	2A00		19CF	1215	DC	XL2'2A00'	BUSY OFF ERROR OFF
	19D0	1AFF01		19D2	1216	DC	XL3'1AFF01'	1 BYTE FF
	19D3	4A		19D3	1'17	DC	XL1'4A'	GO TO NEXT ROUTINE
	19D4	0C1D		19D5	1218	DC	AL2(BRAND)	
	19D6	19D8		19D7	1219	HAND DC	AL2(HANDS)	
	19D8	40		19D8	1220	HANDS DC	XL1'40'	READ VERIFY ROUTINE
	19D9	02		19D9	1221	DC	XL1'02'	2 OSC
	19DA	22		19DA	1222	DC	XL1'22'	INIT SET TO 8 CHK
	19DB	2A10		19DC	1223	DC	XL2'2A10'	SET BUSY ON ERROR OFF
	19DD	1AFF03		19DF	1224	DC	XL3'1AFF03'	3 BYTES FF
	19E0	4004		19E1	1225	DC	XL2'4004'	4 OSC
	19E2	2E01		19E3	1226	DC	XL2'2E01'	TEST NOT CC 17
	19E4	402C		19E5	1227	DC	XL2'402C'	44 OSC
	19E6	2E02		19E7	1228	DC	XL2'2E02'	TEST CC 17 AND BIT RING 0
	19E8	1A0004		19EA	1229	DC	XL3'1A0004'	4 BYTES 00
	19EB	3AC218		19ED	1230	DC	XL3'3AC218'	GOOD AM
	19EE	2A10		19EF	1231	DC	XL2'2A10'	BUSY ON ERROR OFF
	19F0	1A0E01		19F2	1232	DC	XL3'1A0E01'	SYNC CHAR
	19F3	1A0003		19F5	1233	DC	XL3'1A0003'	
	19F6	1AFF04		19F8	1234	DC	XL3'1AFF04'	
	19F9	6410		19FA	1235	DC	XL2'6410'	
	19FB	1AFF0F		19FD	1236	DC	XL3'1AFF0F'	IS BYTE
	19FE	1A0E01		1A00	1237	DC	XL3'1A0E01'	SYNC CHAR
	1A01	2400		1A02	1238	DC	XL2'2400'	256 SEP CLK AND IDC
	1A03	1A00E0		1A05	1239	DC	XL3'1A00E0'	224 BYTES 00
	1A06	1AFF11		1A08	1240	DC	XL3'1AFF11'	17 BYTES FF
	1A09	2A00		1A0A	1241	DC	XL2'2A00'	BUSY OFF ERROR OFF
	1A0B	1AFF01		1A0D	1242	DC	XL3'1AFF01'	1 BYTE FF
	1A0E	008		1A0F	1243	DC	XL2'8008'	INDEX
	1A10	0001		1A11	1244	DC	XL2'0001'	NO INDEX
	1A12	8001		1A13	1245	DC	XL2'8001'	INDEX
	1A14	1AFF01		1A16	1246	DC	XL3'1AFF01'	1 BYTE FF
	1A17	4A		1A17	1247	DC	XL1'4A'	GO TO NEXT ROUTINE
	1A18	0C31		1A19	1248	DC	AL2(VIRG)	
	1A1A	C0 87 021A		1249	END	B	PRINT	
	1A1E	15		1A1E	1250	DC	XL1'15'	
	1A1F	C0 87 0222		1251		B	HALT	
	1A23	A001		1A24	1252	DC	XL2'A001'	
				1253	* CHECK UDT WITH SENSE STATUS FOR			PROPER CONFIGURATION
	1A25	30 A2 12DB		1254	GOOUT	SNS	KNIT-2,X'A2'	SENSE STATUS 0 + 1 DRIVE 1 FEM
	1A29	30 A3 12DD		1255		SNS	KNIT,X'A3'	SENSE STATUS 2 + 3 DRIVE 1 REM
	1A2D	30 B2 1B21		1256		SNS	FAR,X'B2'	SENSE STATUS 0 + 1 DRIVE 2 REM
	1A31	38 20 0A0E		1257		TBN	UNB-1,X'20'	SEE IF B DEFINED IN UDT
	1A35	C0 10 1A9F		1258		BT	TST2	BR. IF YES
	1A39	3C 01 1B21		1259		MVI	FAR,X'01'	
	1A3D	38 40 1B20		1260		TBN	FAR-1,X'40'	SEE IF B READY
	1A41	C0 90 1AEA		1261		BF	SCREAM	ER. IF YES
	1A45	3C 03 1B21		1262		MVI	FAR,X'03'	
	1A49	38 01 0A0C		1263		TBN	UNA,X'01'	SEE IF MOD III DEFINED
	1A4D	C0 10 1AEA		1264		BT	SCREAM	BR. IF YES
	1A51	38 02 0A0C		1265	VICY	TBN	UNA,X'02'	SEE IF 100 CYL DEFINED UDT
	1A55	F2 10 23		1266		JT	VICKY	BR. IF YES
	1A58	3C 07 1B21		1267		MVI	FAR,X'07'	
	1A5C	38 08 12DB		1268		TBN	KNIT-2,X'08'	SEE IF 100 CYL IN SNS
	1A60	C0 10 1AEA		1269		BT	SCREAM	ER. IF YES
	1A64	38 01 12DC		1270	DON	TBN	KNIT-1,X'01'	SEE IF MOD B ON IN SNS
	1A68	F2 10 20		1271		JT	JERRY	ER. IF YES
	1A6B	3C 15 1B21		1272		MVI	FAR,X'15'	
	1A6F	3D C2 0200		1273		CLI	SYSMOD,X'C2'	SEE IF MOD B DEFINED
	1A73	C0 81 1AEA		1274		BE	SCREAM	BR. IF YES
	1A77	C0 87 1B08		1275		B	ZOC	
	1A7B	3C 05 1B21		1276	VICKY	MVI	FAR,X'05'	
	1A7P	38 08 12DB		1277		TBN	KNIT-2,X'08'	SEE IF 100 CYL IN SNS

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	
1A83	C0	90	1AEA	1278		BF	SCREAM	ER. IF NOT
1A87	C0	87	1A64	1279		B	DON	
1A8B	3C	16	1B21	1280	JERRY	MVI	FAR,X'16'	
1A8F	3D	C2	0200	1281		CLI	SYSMOD,X'C2'	SEE IF MOD B DEFINED
1A93	C0	81	1B0B	1282		BE	ZOO	BR. IF YES
1A97	C0	87	1AEA	1283		B	SCREAM	
1A9B	3C	09	1B21	1284	TST2	MVI	FAR,X'09'	
1A9F	38	40	1E20	1285		TBN	FAR-1,X'40'	SEE IF DRIVE 2 READY REM
1AA3	C0	10	1AEA	1286		BT	SCREAM	BR. IF NOT
1AA7	3C	10	1B21	1287		MVI	FAR,X'10'	
1AAB	39	03	0A0C	1288		TBF	UNA,X'03'	SEE IF ANY FEATURES DEFINED FOR A
1AAF	C0	90	1AEA	1289		BF	SCREAM	BR. IF ANY
1AB3	3C	12	1B21	1290		MVI	FAR,X'12'	
1AB7	38	08	12DB	1291		TBN	KNIT-2,X'08'	SEE IF 100 CYL IN SNS
1ABB	C0	10	1AEA	1292		BT	SCREAM	ER. IF YES
1ABF	30	BA	1B21	1293		SNS	FAR,X'BA'	SENSE 0 + 1 DRIVE 2 FIXED
1AC3	38	01	0A0F	1294		TBN	UN3,X'01'	SEE IF MOD III DEFINED
1AC7	F2	10	10	1295		JT	DICK	BR. IF YES
1ACA	3C	14	1B21	1296		MVI	FAR,X'14'	
1ACE	38	40	1B20	1297		TBN	FAR-1,X'40'	SEE DRIVE 2 FIXED READY
1AD2	C0	10	1AEA	1298		BT	SCREAM	BR. IF NOT
1AD6	C0	87	1A64	1299		B	DON	
1ADA	3C	13	1B21	1300	DICK	MVI	FAR,X'13'	
1ADE	38	40	1B20	1301		TBN	FAR-1,X'40'	SEE IF DRIVE 2 FIXED READY
1AE2	C0	90	1AEA	1302		BF	SCREAM	ER. IF YES
1AE6	C0	87	1A64	1303		B	DON	
1AEA	C0	87	021E	1304	SCREAM	B	UNPACK	
1AEE	01			1AEE	1305	DC	XL1'01'	
1AEF	1B21			1AF0	1306	DC	AL2 (FAR)	
1AF1	1B51			1AF2	1307	DC	AL2 (ACID)	
1AF3	C0	87	021A	1308		B	PRINT	
1AF7	C118			1AF8	1309	DC	XL2'C118'	
1AF9	1B39			1AFA	1310	DC	AL2 (UDTMSG)	
1AFB	A0EA			1AFC	1311	DC	XL2'A0EA'	
1AFD	C0	87	021A	1312		B	PRINT	
1B01	03			1B01	1313	DC	XL1'03'	
1B02	18			1B02	1314	DC	XL1'18'	
1B03	1B51			1B04	1315	DC	AL2 (ACID)	
1B05	C0	87	0222	1316		B	HALT	
1B09	A0EA			1B0A	1317	DC	XL2'A0EA'	
1B0B	31	A6	1B17	1318	ZOO	LLO	AZEROS,X'A6'	
1B0F	F3	A0	00	1319		SIO	'00',X'A0'	
1B12	C0	87	0216	1320		B	LINK	
1B16	1B18			1B17	1321	AZEROS	DC	AL2 (ZEROS-3)
1B18	00000000			1B1B	1322	ZEROS	DC	XL4'00000000'
1B1C	0B39			1B1D	1323	SATE	DC	AL2 (SOFT-4)
1B1E	0AD1			1B1F	1324	SAT	DC	AL2 (RAFT-4)
1B20	0000			1B21	1325	FAR	DC	XL2'0000'
1E22	E4C4E340C4D6C5E2			1B39	1326	UDTMSG	DC	CL24'UDT DOES NOT MATCH SENSE'
1B2A	40D5D6E340D4C1E3			1326				
1B32	C3C840E2C5D5E2C5			1326				
1B3A	E2C5C540D7C1C7C5	1B51		1327	ACID	DC	CL24'SEE PAGE 550 FCU MAPS-XX'	
1B42	40F5F5F040C6C3E4			1327				
1B4A	40D4C1D7E260E7E7			1327				
				0200	1328	SYSMOD	EQU	X'200'
				1329				*****
				1330				* ROUTINE TO INCLUDE I DONT CARE BITS WITH EXPECTED BITS
				1331				*****
1B52	34	08	1B91	1332	FAKE	ST	CRUDE+3,X'08'	SAVE RETURN ADDRESS
1B56	3C	01	1BAF	1333		MVI	CKCTR,X'01'	ZERO BIT COUNTER
1B5A	0C	03	1B9D	1334		MVC	ACTL(),KNIT	
1B60	38	80	1B96	1335	FOOT	TBN	MSK-3,X'80'	TEST FOR DONT CARE BIT
1B64	F2	90	0B	1336		JF	ADD	BR. IF NONE
1B67	38	80	1B9A	1337		TBN	ACTL-3,X'80'	TEST FOR ACTUAL BIT
1B6B	F2	90	04	1338		JF	ADD	ER. IF NONE
1B6E	3A	80	1BA2	1339		TBN	EXP-3,X'80'	ADD BIT TO EXPECTED FIELD
1B72	0E	03	1B99	1340	ADD	ALC	MSK(4),MSK	SHIFT ALL FIELDS
1B78	0F	03	1B9D	1341		ALC	ACTL(4),ACTL	

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT
	1B7E	0E	07	1BA5	1BA5	1342	ALC EXP(8),EXP
	1B84	0E	00	1BAF	1502	1343	ALC CKCTR(1),ONE
	1B8A	3D	21	1BAF		1344	CLI CKCTR,X'21'
	1B8E	C0	81	1B8E		1345	CRUDE BE
	1B92	C0	87	1B60		1346	B FOOT
	1B96	00000000		1B99	1347	MSK DC	XL4'00000000'
	1B9A	00000000		1B9D	1348	ACTL DC	XL4'00000000'
	1B9E	0000000000000000		1EA5	1349	EXP DC	XL8'00000000C0000000'
				0002	1350	XR2 EQU	2
	1BA6	004873		1BA8	1351	MSK1 DC	XL3'004873'
	1BA9	AFEF7F		1BAB	1352	MSK2 DC	XL3'AFEF7F'
	1BAC	FEFFFF		1BAE	1353	MSK3 DC	XL3'FEFFFF'
	1BAF	00		1BAF	1354	CKCTR DC	XL1'00'
	1BB0	0200		1BB1	1355	RTN2 DC	XL2'0200'
	1BB2	FFFF		1BB3	1356	DC	XL2'FFFF'
	1BB4	C2	01	0A0C		1357	LA UNA,XR1
	1BB8	34	01	1BDF		1358	ST LATE+3,XR1
	1BBC	3B	10	1CAC		1359	SBF UPNOW+1,X'10'
	1BC0	3B	10	1CBB		1360	SBF JOE+1,X'10'
	1BC4	3B	10	1CEF		1361	SBF BILL+1,X'10'
	1BC8	3B	10	1D0F		1362	SBF TED+1,X'10'
	1BCC	3B	10	1D46		1363	SBF TON+1,X'10'
	1BD0	3B	10	1D6D		1364	SBF JOHN+1,X'10'
	1BD4	3B	10	1D69		1365	SBF TIMCUT+1,X'10'
	1BD8	3B	10	1C9D		1366	SBF FIRE+1,X'10'
	1BDC	3B	04	0A0C		1367	LATE TBN UNA,X'04'
	1BE0	C0	10	1BE8		1368	BT AJAX
	1BE4	C0	87	1C19		1369	B WHAT
	1BE8	C2	02	1DB8		1370	AJAX LA MATRIX-3,XR2
	1BEC	3C	4B	1E4E		1371	MVI COUNT,X'4B'
	1BF0	C0	87	1C86		1372	AGAIN B IOHAN
	1BF4	36	02	1505		1373	A TWO,XR2
	1BF8	0F	00	1E4E	1502	1374	SLC CCUNT(1),ONE
	1BFE	C0	01	1BF0		1375	BNZ AGAIN
	1C02	F3	A1	01		1376	FUZ SIO X'01',X'A1'
	1C0	31	A3	1E65		1377	LIO INDEX,X'A3'
	1C09	31	A3	1E66		1378	LIO INDEX+1,X'A3'
	1C0D	31	A3	1E65		1379	LIO INDEX,X'A3'
	1C11	C0800000			1C14	1380	DC XL4'C0800000'
	1C15	C1	A2	1C2D		1381	ENDY TIO CEMOD,BUSY
	1C19	3B	10	1C9D		1382	WHAT TBN FIRE+1,X'10'
	1C1D	C0	10	1B0B		1383	BT ZOO
	1C21	3B	20	0A0E		1384	TBN UNB-1,X'20'
	1C25	C0	10	1C52		1385	BT TOOT
	1C29	C0	87	1B0B		1386	R ZOO
	1C2D	C0	87	021A		1387	CEMOD B PRINT
	1C31	C511			1C32	1388	DC XL2'C511'
	1C33	1C51			1C34	1389	DC AL2(HUNG)
	1C35	A033			1C36	1390	DC XL2'A033'
	1C37	C0	87	0222		1391	B HALT
	1C3B	A033			1C3C	1392	DC XL2'A033'
	1C3D	C0	87	1C2D		1393	B CEMOD
	1C41	C3C540D4D634C540			1C51	1394	HUNG DC CL17'CE MODE NOT RESET'
	1C49	D5D6E340D9C5E2C5				1394	
	1C51	E3				1394	
	1C52	3A	10	1C9D		1395	TOOT SBN FIRE+1,X'10'
	1C56	C2	01	0A0F		1396	LA UNB,XR1
	1C5A	34	01	1BDF		1397	ST LATE+3,XR1
	1C5E	3A	10	1CAC		1398	SBN UPNOW+1,X'10'
	1C62	3A	10	1CBB		1399	SBN JOE+1,X'10'
	1C66	3A	10	1CEF		1400	SBN BILL+1,X'10'
	1C6A	3A	10	1D0F		1401	SBN TED+1,X'10'
	1C6E	3A	10	1D46		1402	SBN TON+1,X'10'
	1C72	3A	10	1D6D		1403	SBN JOHN+1,X'10'
	1C76	3A	10	1D69		1404	SBN TIMCUT+1,X'10'
	1C7A	C2	02	0A0F		1405	LA UNB,XR2
	1C7E	34	02	1BDF		1406	ST LATE+3,XR2
	1C82	C0	87	1BDC		1407	B LATE

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ERR	LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
			1408	*		
			1409	*		*****I/O HANDLER SUBROUTINE*****
			1410	*		
1C86	34	08 1D95	1411	IOHAN	ST	IRET+3,ARR SAVE RETURN ADDRESS
1C8A	2C	00 1D9D 00	1412		MVC	CFLD(1),0(,XR2) SET UP SEEK COUNT
1C8F	2C	00 1E51 01	1413		MVC	DROP(1),1(,XR2) SET UP DROP COUNT
1C94	31	A3 1DB8	1414		LIO	MODE+1,X'A3' PLACE IN CE MODE
1C98	31	A6 1D9F	1415		LIO	CADR,X'A6' LOAD DPCR
1C9C	F3	A0 00	1416	FIRE	SIO	X'00',X'A0' SEEK
1C9F	3D	03 1D9D	1417		CLI	CFLD,X'03' CHECK SEEK COUNT
1CA3	C0	84 1CAB	1418		BH	UPNOW ER. IF GREATER THAN 3
1CA7	C0	87 1D2E	1419		B	ENDOUT
1CAB	30	A2 1D97	1420	UPNOW	SNS	BYTE01,B01
1CAF	38	40 1D97	1421		TBN	BYTE01,X'40' TEST HI SPEED LINE
1CB3	F2	10 44	1422		JT	STEPIT JUMP IF ON
1CB6	3C	F2 1DB5	1423	OUTIT	MVI	ERRMSG,C'2'
1CBA	30	A2 1D97	1424	JOE	SNS	BYTE01,B01
1CBE	30	A3 1D99	1425	BILL	SNS	BYTE23,B23
1CC2	C0	87 021E	1426		B	UNPACK
1CC6	04		1427		DC	XL1'04'
1CC7	1D99		1428		DC	AL2(BYTE23)
1CC9	1E63		1429		DC	AL2(SMSG)
1CCB	3C	B0 1CE6	1430		MVI	FLAG-1,X'B0'
1CCF	38	10 1C9D	1431		TBN	FIRE+1,X'10' TEST FOR DRIVE 2
1CD3	F2	10 08	1432		JT	TELL
1CD6	3C	A0 1CE6	1433		MVI	FLAG-1,X'A0'
1CDA	3C	F1 1DB5	1434		MVI	ERRMSG,C'1'
1CDE	C0	87 021A	1435	TELL	B	PRINT
1CE2	C116		1436		DC	XL2'C116'
1CE4	1DB5		1437		DC	AL2(ERRMSG)
1CE6	0066		1438	FLAG	DC	XL2'0066' *** ERROR 66
1CE8	C0	87 021A	1439	MORE	B	PRINT
1CEC	050F		1440		DC	XL2'050F'
1CEE	1E63		1441		DC	AL2(SMSG)
1CF0	C0	87 0222	1442	STOP	B	HALT
1CF4	A066		1443		DC	XL2'A066'
1CF6	C0	87 1CF0	1444		B	STOP
1CFA	31	A3 1DB7	1445	STEPIT	LIO	MODE,X'A3' INHIBIT CPU REQ - TRACK CROSSING
1CFE	31	A3 1DB8	1446		LIO	MODE+1,X'A3'
1D02	0F	00 1D9D 1502	1447		SLC	CFLD(1),ONE
1D08	0F	00 1E51 1502	1448		SLC	DROP(1),ONE
1D0E	30	A2 1D97	1449	TED	SNS	BYTE01,B01
1D12	C0	81 1D22	1450		BZ	DOWN
1D16	38	40 1D97	1451		TBN	BYTE01,X'40' TEST HI SPEED LINE
1D1A	C0	10 1CFA	1452		BT	STEPIT
1D1E	C0	87 1CB6	1453		B	OUTIT
1D22	39	40 1D97	1454	DOWN	TBF	BYTE01,X'40' TEST HI SPEED LINE
1D26	C0	10 1D2E	1455		BT	ENDCUT
1D2A	C0	87 1CB6	1456		B	OUTIT
1D2E	30	A3 1D99	1457	ENDOUT	SNS	BYTE23,B23
1D32	38	04 1D98	1458		TBN	BYTE23-1,X'04'
1D36	F2	90 04	1459		JF	DAVE
1D39	C0	87 1CB6	1460		B	OUTIT
1D3D	31	A3 1DB7	1461	DAVE	LIO	MODE,X'A3' INHIBIT CPU REQ - TRK CROSSING
1D41	31	A3 1DB8	1462		LIO	MODE+1,X'A3'
1D45	30	A2 1D97	1463	TON	SNS	BYTE01,B01
1D49	38	40 1D97	1464		TBN	BYTE01,X'40' TEST HIGH SPEED LINE
1D4D	F2	90 04	1465		JF	CIFEND
1D50	C0	87 1CB6	1466		B	OUTIT
1D54	0F	00 1D9D 1502	1467	CIFEND	SLC	CFLD(1),ONE
1D5A	3D	00 1D9D	1468		CLI	CFLD,X'00'
1D5E	C0	01 1D2E	1469		BNE	ENDOUT
1D62	0C	01 1E53 1E50	1470		MVC	SETTLE(2),TIME
1D68	30	A2 1D97	1471	TIMOUT	SNS	BYTE01,B01
1D6C	30	A3 1D99	1472	JOHN	SNS	BYTE23,B23
1D70	38	40 1D97	1473		TBN	BYTE01,X'40'
1D74	C0	90 1D7C	1474		BF	TSTBSY
1D78	C0	87 1CB6	1475		B	OUTIT

A014 FILE CONTROL UNIT FLT SECTION 1

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	
1D7C	38	10	1D97	1476	TSTBSY	TBN	BYTE01,X'10'	TEST SEEK BUSY
1D80	C0	90	1D92	1477		BF	IRET	
1D84	0F	01	1E53	1478		SLC	SETTLE(2),ONE	DECRIMENT DELAY COUNTER
1D8A	C0	01	1D68	1479		BNZ	TIMOUT	
1D8E	C0	87	1CB6	1480		B	OUTIT	
1D92	C0	87	1D92	1481	IRET	B	IRET	RETURN
				1482	*		*****EQUATES*****	
				0010	1483	IAR	EQU	X'10'
				C008	1484	ARR	EQU	X'08'
				0004	1485	PSR	EQU	X'04'
				0200	1486	SRT	EQU	X'200'
				0202	1487	SMOD	EQU	X'202'
				0204	1488	CPU	EQU	X'204'
				0208	1489	SBYTE0	EQU	X'208'
				0209	1490	SBYTE1	EQU	X'209'
				0212	1491	TEST	EQU	X'212'
				0232	1492	UTAB	EQU	X'232'
				01F1	1493	RUNTAB	EQU	X'1F1'
				00A4	1494	DFDR	EQU	X'A4'
				00A6	1495	DFCR	EQU	X'A6'
				00A2	1496	BUSY	EQU	X'A2'
				00A0	1497	ERROR	EQU	X'A0'
				1498			*****	
				00A2	1499	B01	EQU	X'A2'
				00A3	1500	B23	EQU	X'A3'
1D96	0000			1D97	1501	BYTE01	DC	XL2'0000'
1D98	0000			1D99	1502	BYTE23	DC	XL2'0000'
1D9A	00000000			1D9D	1503	CFLD	DC	XL4'00000000'
1E9E	1D9A			1D9F	1504	CADR	DC	AL2(CFLD-3)
1DA0	C8C940E2D7C5C5C4			1DB5	1505	ERRMSG	DC	CL22'HI SPEED ERROR DRIVE X'
1EAB	40C5L9D9D6D940C4			1505				
1DB0	D9C9E5C540E7			1505				
1DB6	0400			1DE7	1506	MODE	DC	XL2'0400'
1DB8	00000300			1DBB	1507	MATRIX	DC	XL4'00000300'
1DBC	0402050207040804			1DD1	1508		DC	XL22'04020502070408040A060B060D080E08100A110A130C'
1DC4	0AC60B060D080E08			1508				
1DCC	100A110A130C			1508				
1DD2	140C160E170E1910			1DE7	1509		DC	XL22'140C160E170E19101A101C121D121F14201422162316'
1DDA	1A101C121D121F14			1509				
1DE2	201422162316			1509				
1DE8	251826182A1C2B1C			1DFD	1510		DC	XL22'251826182A1C2B1C2F2030203424352439283A283E2C'
1DF0	2F20302034243524			1510				
1DF8	39283A283E2C			1510				
1DFE	3F2C433044304834			1E13	1511		DC	XL22'3F2C43304430483449344D384E38523C533C57405840'
1E06	49344D384E38523C			1511				
1E0E	533C57405840			1511				
1E14	5C445D4461486248			1E29	1512		DC	XL22'5C445D4461486248664C674C6B506C50745875587D60'
1E1C	664C674C6B506C50			1512				
1E24	745875587D60			1512				
1E2A	7E60866887688F70			1E3F	1513		DC	XL22'7E60866887688F70907C98789978A180A280AA88AB88'
1E32	907098789978A180			1513				
1E3A	A280AA88AB88			1513				
1E40	B390B490BC98BD98			1E4D	1514		DC	XL14'B390B490BC98BD98C5A0C6A0CCA6'
1E48	C5A0C6A0CCA6			1514				
1E4E	00			1E4E	1515	COUNT	DC	XL1'00'
1E4F	0187			1E50	1516	TIME	DC	XL2'0187' 26.15008 MS
1E51	00			1E51	1517	DROP	DC	XL1'00'
1E52	0000			1E53	1518	SETTLE	DC	XL2'0000'
1E54	40E2E3C1E3E4E240			1E63	1519	SMSG	DC	CL16' STATUS XXXXXXXX'
1E5C	E7E7E7E7E7E7E7E7			1519				
1E64	8000			1E65	1520	INDEX	DC	XL2'8000'
1EE0	00			1521		ORG		X'1EE0'
1EE0	00			1EE0	1522	PARN	DC	XL1'00' DATA FIELD
1EE1	00			1FE0	1523	DS		CL256
1FE1	00			1FE1	1524	ARNE	DC	XL1'00' CONTROL FIELD
1FE2	00			1FE4	1525	DS		CL3
1FE5	0001DC01			1FE8	1526	LION	DC	XL4'0001DC01'
				C222	1527	HALT	EQU	X'222'

A014 FILE CONTRCL UNIT FLT SECTION 1

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT
		0216	1528	LINK	EQU X'216'
		FFFF	1529		END

A014 FILE CONTROL UNIT FLT SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEFN	REFERENCES
ABNER	A	002	14EB	0697	0043* 0093* 0095* 0135 0169 0440* 0450* 0453
ABYSS	A	004	1499	0667	0077 0088
ACID	A	024	1B51	1327	1307 1315
ACRID	A	004	11C5	0519	0221
ACT	A	004	10E4	0450	0446
ACTL	A	004	1B9D	1348	1334* 1337 1341 1341*
ADD	A	006	1B72	1340	1336 1338
ADV1	A	004	0DF3	0244	0402 0409 0415 0418 0461 0490 0494 0497 0500 0503 0506 0522
ADV2	A	004	0DEF	0243	0239 0311 0317 0421 0428 0434 0469 0528 0534
ADV3	A	004	0DEB	0242	0284 0290 0294 0300 0336 0458
ADV4	A	004	0DE7	0241	
ADV5	A	004	0DE3	0240	0274 0280 0480 0486
AGAIN	A	004	1BF0	1372	1375
AJAX	A	004	1BE8	1370	1368
ALICE	A	001	1869	1051	1152 1185
ALMS	A	005	1525	0722	0023* 0024* 0047* 0048* 0054* 0063* 0069* 0075* 0083* 0089* 0090* 0103* 0109* 0115* 0121* 0179* 0561
ALTAR	A	002	1519	0716	0303* 0307
AMILE	A	006	0DC1	0233	0181
AMP	A	004	1112	0463	0208
ANDES	A	001	12D6	0589	0548* 0549*
ANDY	A	001	1325	0598	0233* 0237* 0319* 0331* 0548
ANISE	A	004	13EB	0625	0622
ANNA	A	001	151A	0717	0253* 0256 0268* 0270*
ANNE	A	002	149D	0669	0018 0162 0620
ANO	A	001	151B	0718	0465* 0467*
ANT	A	004	10D3	0445	0354 0356
ANTE	A	004	110A	0460	0207
ANVIL	A	004	143F	0646	0625* 0644 0646
ANY	A	002	14D6	0691	
ARBOR	A	004	142C	0641	0638
ARID	A	002	14CE	0687	0466
ARNE	A	001	1FE1	1524	0042* 0056* 0059* 0066* 0077* 0080* 0088* 0097* 0108* 0114* 0120* 0126* 0273 0460* 0550 0616* 0619* 0669 0937 0987 0990 1008 1017 1049 1059
ARR	C	001	0008	1484	1411
ART	A	010	14E9	0696	0350 0352 0435* 0436* 0437* 0438* 0439* 0442 0445 0447 0455 0455* 0511*
ATTIC	A	004	13F5	0627	0642
AVA	A	004	0E4E	0268	0254
AXE	A	004	10EC	0452	0448
AZEROS	A	002	1B17	1321	1318
BAM	A	002	14F1	0700	
BANA	A	004	0E79	0282	0193
BARN	A	001	1EE0	1522	0098* 0099 0099* 0100* 0101* 0102 0102* 0310 0381* 0555 0668 0808 0842 0994 1006 1068 1072 1149 1182
BASK	A	004	144A	0648	0616
BASS	A	004	13D2	0618	0055
BAT	A	004	10F0	0453	0449
BDPARM	A	029	0DC0	0231	0226
BEAT	A	004	1134	0472	0471* 0472
BEIGE	A	003	14F6	0702	0247* 0248* 0626* 0637*
BELL	A	002	14EF	0699	0393* 0396* 0403
BESS	A	002	149B	0668	0017 0163 0380 0417
BETH	A	004	0E56	0270	0255
BILL	A	004	1CBE	1425	1361* 1400*
BIRD	A	002	19AD	1199	0123
BIRD1	A	001	19AE	1200	1199
BLAB	A	002	1921	1133	0111
BLAB1	A	001	1922	1134	1133
BLANK	A	001	13B1	0612	0019 0178
BLOB	A	002	1897	1074	0092
BLOB1	A	001	1898	1075	1074
BLOT	A	002	1888	1092	0105
BLOT1	A	001	1889	1093	1092
BOSS	A	004	13C4	0615	0076

A014 FILE CONTROL UNIT FLT SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEPN	REFERENCES
BRACT	A	006	0F38	0337	0329
BRAD	A	009	12F3	0595	0016* 0543* 0544* 0545* 0568* 0569*
BRAN	A	002	1967	1166	0117
BRAND	A	006	0C1D	0126	1218
BRAN1	A	001	1968	1167	1166
BROAD	A	002	1513	0713	0282* 0283
BRUSH	A	004	0C6A	0146	0143
BRUTE	A	006	0F8F	0359	0385
BSIND	A	001	14FE	0705	
BUG	A	004	1212	0539	0571
BURN	A	006	12C8	0584	0560
BUSY	C	001	00A2	1496	1381
BWANA	A	004	0FD5	0377	0345
BYTE01	A	002	1D97	1501	1420* 1421 1424* 1449* 1451 1454 1463* 1464 1471* 1473 1476
BYTE23	A	002	1D99	1502	1425* 1428 1457* 1458 1472*
B01	C	001	00A2	1499	1420 1424 1449 1463 1471
B23	C	001	00A3	1500	1425 1457 1472
CACP	A	002	1D9F	1504	1415
CAKE	A	004	145B	0653	0652
CANT	A	004	14FD	0704	
CAPE	A	006	0ECF	0310	0197
CAREA	A	004	14D2	0688	0320* 0323* 0324 0328 0337 0337* 0338 0377 0387
CART	A	004	0E1B	0255	0269
CAT	A	002	172F	0915	0074
CCNTR	A	001	14D3	0689	
CEMOD	A	004	1C2D	1387	1381 1393
CFLD	A	004	1D9D	1503	1412* 1417 1447* 1467* 1468 1504
CHERI	A	004	0E98	0292	0194
CIFEND	A	006	1D54	1467	1465
CKCTR	A	001	1BAF	1354	1333* 1343* 1344
CLKSTP	A	001	0A30	0002	
CLK1	A	002	151E	0720	0321* 0326* 0343
CNUM	A	001	0A03	0006	
COPE	A	004	14B3	0674	0059
CORD	A	002	1495	0665	0137 0141 0520
CORN	A	002	1493	0664	0519 0521
COUNT	A	001	1E4E	1515	1371* 1374*
CPU	C	001	0204	1488	
CRIME	A	004	0FE1	0380	0378
CRUDE	A	004	1B8E	1345	1332* 1345
CRUSH	A	004	0C58	0141	0139
CRUST	A	004	0C48	0137	0134
CRUX	A	007	1481	0659	0359* 0584
DANTE	A	004	0E0F	0252	0330 0367
DART	A	004	0E1F	0256	0260 0263 0271 0420*
DAVE	A	004	1D3D	1461	1459
DELTA	A	006	0B63	0088	0086
DFCP	C	001	00A6	1495	
DFDR	C	001	00A4	1494	
DICK	A	004	1ADA	1300	1295
DLYSW	A	004	0DC7	0234	0168* 0233
DON	A	004	1A64	127C	1279 1299 1303
DOUGH	A	004	0B85	0095	
DOWN	A	004	1D22	1454	1450
DROP	A	001	1E51	1517	1413* 1448*
DUN	A	004	0C86	0157	0151
EDDY	A	004	1C15	1381	
ELAN	A	004	108F	0440	0456 0513
ELF	A	004	120F	0537	0570
ELLA	A	002	14ED	0698	0235* 0236 0441* 0452* 0454
END	A	004	1A1A	1249	0020* 0041 0087 0131 0175 0463 0581* 0640 0649 0651
ENDOUT	A	004	1D2E	1457	1419 1455 1469
ENGO	A	006	0E01	0248	0249
ENY	A	002	14DB	0692	
EON	A	004	10CF	0444	0166* 0457* 0512*
EPOUT	A	004	0FC4	0371	

A014 FILE CONTROL UNIT FLI SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEFN	REFERENCES
ERGO	A	006	0DFB	0247	0234
ERIN	A	001	14FF	0706	
ERRMSG	A	022	1DB5	1505	1423* 1434* 1437
ERROR	C	001	00A0	1497	
ETTA	A	003	0CD5	0176	0044* 0053* 0062* 0067* 0073* 0081* 0091* 0104* 0110* 0116* 0122* 0127* 0171
EXP	A	008	1BA5	1349	0033* 0034 0034* 0038 0362* 0364 0373 0398* 0405* 0412 0424* 0427 0431 0476* 0479 0483 0630* 0631 0631* 0635 1339* 1342 1342*
FACT	A	004	0EB7	0302	C195
FAKE	A	004	1B52	1332	0035 0363 0400 0407 0426 0478 0632
FANCY	A	006	0DCB	0235	0250
FAR	A	002	1B21	1325	1256* 1259* 1260 1262* 1267* 1272* 1276* 1280* 1284* 1285 1287* 1290* 1293* 1296* 1297 1300* 1301 1306
FAULT	A	006	0CC3	0172	0170
FAY	A	001	14D9	0693	0177* 0180 0182 0184 0187 0233 0235 0273 0277 0283 0287 0293 0297 0304 0310 0314 0319 0320 0420 0424 0435 0436 0437 0438 0465 0471 0476 0527 0530
FEE	A	004	0C7C	0152	0147
FETE	A	002	1520	0721	0322* 0327* 0340* 0342* 0344
FILET	A	004	0B5B	0086	0022* 0579* 1004
FIRE	A	003	1C9C	1416	1366* 1382 1395* 1431
FIRS	A	006	0A58	0031	0027 0029
FLAG	A	002	1CE7	1438	1430* 1433*
FLAT	A	006	10A1	0435	0206
FLIT	A	004	12A4	0572	0540
FLO	A	001	1822	1019	1086 1089
FLUID	A	002	14F3	0701	
FLUX	A	005	1486	0660	
FLY	A	004	12A0	0571	0538
FOES	A	004	0F5E	0346	0165* 0334* 0508*
FOLKS	A	001	1886	1065	1145 1159 1178 1192 1212
FOOD	A	004	1074	0423	0203
FOOT	A	004	1B60	1335	1346
FOR	A	004	11E1	0527	0524* 0525 0526*
FOUR	A	003	1508	0709	
FRESH	A	008	0C97	0160	0150 0155
FROG	A	004	0F66	0348	0444
FRUIT	A	004	0F8B	0358	
FTY5	A	001	14D4	0690	
FUZ	A	003	1C02	1376	
GALA	A	004	0FF9	0386	0346 0348 0496* 0499*
GAS	A	004	0FB8	0368	0357* 0368 0384*
GAUDY	A	002	144C	0649	0031
GAY	A	002	14DF	0695	
GNAT	A	004	0C98	0161	0049 0057 0064 0070 0078 0084 0094 0106 0112 0118 0124 0129
GOOUT	A	004	1A25	1254	0015 0230
GOUT	A	004	12C4	0583	0031* 0051* 0072* 0161* 0172* 0583 1091
GRAIN	A	004	10C3	0441	
HALT	C	001	0222	1527	0157 0228 1251 1316 1391 1442
HAND	A	002	19D7	1219	0128
HANDS	A	001	19D8	1220	1219
HERE	A	004	1338	0607	0600* 0607
HUNG	A	017	1C51	1394	1389
IAR	C	001	0010	1483	
IMP	A	001	1847	1034	1094 1135 1168 1201
INDEX	A	002	1E65	1520	1377 1378 1379
IOHAN	A	004	1C86	1411	1372
IRET	A	004	1D92	1481	1411* 1477 1481
JERPY	A	004	1A8B	1280	1271
JOE	A	004	1CBA	1424	1360* 1399*
JOHN	A	004	1D6C	1472	1364* 1403*
KAT	A	003	1228	0593	0554*
KELP	A	004	0FD1	0376	0370* 0376
KIT	A	003	12E5	0592	0553*
KITE	A	005	12E2	0591	0550*
KNIT	A	007	12DD	0590	0025* 0026 0028 0360* 0364 0397* 0401 0404* 0408 0423* 0427 0474*

A014 FILE CONTROL UNIT FLT SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEFN	REFERENCES
					0475* 0479 0551* 0552* 0627* 0628* 0641 0643 1254* 1255* 1268 127C 1277 1291 1334 0369 0379 0383 0389 0391
LACY	A	004	0F62	0347	
LANE	A	007	1453	0650	
LAP	A	002	148D	0662	0122
LATE	A	004	1BDC	1367	1358* 1397* 1406* 1407
LINK	C	001	0216	1528	1320
LINT	A	004	11B9	0515	0220
LION	A	004	1FE8	1526	
MASK	A	004	13E7	0623	0615* 0618* 0623
MASS	A	004	13DC	0620	0617
MAT	A	004	10DA	0447	0451
MATRIX	A	004	1DB3	1507	1370
MAX	A	002	1527	0723	0045
MAY	A	002	14B5	0675	0044
MINT	A	004	11A3	0508	0218
MODE	A	002	1DB7	1506	1414 1445 1446 1461 1462
MOPE	A	004	14C7	0683	0042
MORE	A	004	1CE8	1439	
MORN	A	001	1528	0724	0723
MSK	A	004	1B99	1347	0032* 0361* 0399* 0406* 0425* 0477* 0629* 1335 1340 1340*
MSK1	A	003	1BA8	1351	0477
MSK2	A	003	1BAB	1352	0032
MSK3	A	003	1BAE	1353	0629
NEON	A	006	1243	0550	
NIBS	A	009	12FC	0596	0537* 0533* 0561* 0562* 0563* 0584*
NOLA	A	006	0BFF	0120	1198
NONE	A	001	16D1	0882	0881
NOPE	A	002	16D0	0881	0052
NOR	A	002	14B7	0676	0053 0062
NUT	A	004	12D5	0588	
OBOE	A	001	1803	1005	0939 0949 0957 0965
OGLE	A	006	120A	0536	0562 0564 0565 0566 0567
ONCE	A	004	1326	0600	0542
ONE	A	003	1502	0707	0237 0240 0241 0242 0243 0244 0248 0323 0331 0358 0439 0467 0516 0626 0637 1343 1374 1447 1448 1467 1478
ONLY	A	004	121D	0542	0021* 0146 0601*
OPERA	A	002	14B9	0677	0073 0091
OPINE	A	002	12EA	0594	0546* 0547 0547* 0555* 0558
OPUS	A	049	1376	0609	0605
ORE	A	004	0EF6	0321	0488* 0489* 0492* 0493* 0502* 0505*
ORGY	A	004	11C2	0457	0443
OUTIT	A	004	1CB6	1423	1453 1456 1460 1466 1475 1480
PALMS	A	005	14A2	067C	
PANDA	A	005	0CD8	0177	245 0305 0308
PART	A	006	0EF0	0320	1332
PASE	A	004	1446	0647	0126 0619
PEER	A	004	0D90	0223	0182 0185 0204 0205
PEN	A	002	13	0779	0061
PGRT	A	004	0L4A	0267	0252* 0257 0267
PINE	A	002	14BB	0678	0127
PINT	A	006	0A83	0042	0030
POND	A	001	151C	0719	
PONY	A	001	187F	1061	1140 1154 1173 1187 1207
POOR	A	004	11D5	0524	0222
POUT	A	004	12C3	0582	0541*
PRINT	C	001	021A	0586	0148 0152 0223 0572 0576 0580 0602 1249 1308 1312 1387 1435 1439 0192
PROD	A	006	0E5E	0273	
PSR	C	001	0004	1485	
RACE	A	004	0F4E	0342	0339
RACY	A	004	0F73	0328	0325
RAFT	A	006	0AD5	0C59	0913 1324
RAPT	A	006	0AAD	0051	0778
PAST	A	006	0AF7	0066	0852
RAT	A	002	14BD	0679	0067 0104

A014 FILE CONTROL UNIT FLT SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEFN	REFERENCES
RINK	A	004	0F1A	0330	0164* 0333* 0366*
ROPE	A	001	14C8	0684	0056 0066
ROT	A	002	1687	0853	0068
RTNAR	A	002	1517	0715	
RTN1	A	001	0A10	0012	0008
RTN2	A	002	13B1	1355	0014
RT1ADR	A	002	0A07	0008	
RURE	A	004	0FF1	0384	0382
RUNT	A	001	1688	0854	0853
RUNTAB	C	001	01F1	1493	
SAINT	A	006	106A	0420	0202
SALT	A	004	1062	0417	0201
SAND	A	002	1455	0651	0172
SAT	A	002	131F	1324	0051
SATE	A	002	131D	1323	0072
SAW	A	002	1457	0652	
SAY	A	001	14A3	0671	
SBYTE0	C	001	0208	1489	
SBYTE1	C	001	0209	1490	
SCAN	A	018	13C3	0613	0529
SCRFAM	A	004	1AEA	1304	1261 1264 1269 1274 1278 1283 1286 1289 1292 1298 1302
SEPAL	A	004	111C	0466	0468
SET	A	002	14BF	0680	0081
SETTLE	A	002	1E53	1518	1470* 1473*
SHARK	A	004	1019	0396	0200
SHED	A	001	15C4	0780	0779
SHOP	A	006	1116	0465	0209
SINE	A	006	11AB	0511	0219
SKOG	A	004	1009	0390	0386
SLAP	A	006	1272	0562	0585
SMART	A	008	14AF	0673	0511
SMOD	C	001	0202	1487	
SMOG	A	004	0F87	0357	0351 0353 0355 0388 0390
SMSG	A	016	1E63	1519	1429 1441
SNAG	A	004	0F7F	0355	0349
SOAP	A	004	1491	0663	0097 0108 0114 0120
SOFT	A	006	0B3D	0080	0974 1323
SOLAR	A	006	0BC3	0108	1132
SOUND	A	006	0BE1	0114	1165
SRT	C	001	0200	1486	
STALE	A	002	0D12	0190	0188 0189
STALL	A	002	0D10	0189	0186
STAND	A	004	0D0B	0188	0186* 0187*
STAR	A	004	1268	0560	0046*
STAT	A	004	1138	0474	0211
STEPIT	A	004	1CFA	1445	1422 1452
STONE	A	004	0F04	0324	0347
STOP	A	004	1CF0	1442	1444
SUDS	A	004	0A18	0016	
SYSMOD	C	001	0200	1328	1273 1281
TACT	A	004	0EC7	0307	0196
TAN	A	003	14F9	0703	0247
TAP	A	002	14C1	0681	0110
TEL	A	004	1D0E	1449	1362* 1401*
TELL	A	004	1CDE	1435	1432
TEN	A	005	148B	0661	0179 0359 0543
TEST	C	001	0212	1491	
THAT	A	006	1474	0657	0075 0115
THEM	A	006	147A	0658	0083 0121
THICK	A	006	146E	0656	0069 0109
THREE	A	002	150E	0711	0302
TIME	A	002	1E50	1516	1470
TIMOUT	A	004	1D68	1471	1365* 1404* 1479
TINE	A	004	118B	0499	0215
TOAD	A	002	1515	0714	0292* 0293
TOM	A	001	1730	0916	0915

A014 FILE CONTROL UNIT FLT SECTION 1

CROSS-REFERENCE

SYMBOL	T	LEN	VALUE	DEFN	REFERENCES
TON	A	004	1D45	1463	1363* 1402*
TONY	A	004	150C	071C	0080
TOOT	A	004	1C52	1395	1385
TRACT	A	006	0EEA	0319	0198 0509 0517
TRACY	A	004	1P52	0343	0341
TREK	A	001	17C3	0976	0975
TRICK	A	006	1468	0655	0063 0103
TROT	A	002	17C2	0975	0082
TRUCK	A	007	1462	0654	0024 0048 0054 0090
TRUST	A	004	0C39	0133	0050 0058 0060 0065 0071 0079 0085 0096 0107 0113 0119 0125 0130 0159
TRYST	A	004	0C64	0144	0133* 0140 0144
TSTESY	A	004	1D7C	1476	1474
TST2	A	004	1A9B	1284	1258
TURN	A	004	1219	0541	0040 0174 0264 0266 0279 0289 0299 0316 0375 0414 0433 0485 0531 0533 0639 0645
TWO	A	003	1505	0708	1373
UDTMSG	A	024	1B39	1326	1310
UNA	A	003	0A0C	0010	1263 1265 1288 1357 1367
UNB	A	003	0A0F	0011	1257 1294 1384 1396 1405
UNIT	A	040	1324	0597	0559 0564* 0565* 0566* 0567* 0575
UNPACK	C	001	021E	0587	0036 0275 0285 0295 0312 0371 0410 0429 0481 0556 0633 1304 1426
UPNOW	A	004	1CAB	1420	1359* 1398* 1418
URN	A	001	1853	1041	1109 1138 1171 1205
UTAB	C	001	0232	1492	
VARY	A	004	116B	0488	0212
VASE	A	006	0B15	0072	0880
VIC	A	004	0E3A	0263	0261
VICKY	A	004	1A7B	1276	1.66
VICY	A	004	1A51	1265	
VIP	A	002	14C3	0682	0116
VIPER	A	040	13B0	0611	0019* 0039 0173* 0178* 0258* 0259* 0262* 0265* 0278 0288 0298 0315 0374 0413 0432 0484 0529* 0532 0532* 0578 0636
VIRG	A	004	0C31	0130	1248
WAD	A	002	14CA	0685	
WARY	A	004	1177	0492	0213
WED	A	002	14CC	0686	
WHAT	A	004	1C19	1382	1369
WHELK	A	006	112E	0471	0210
WINE	A	004	1183	0496	0214
WIRE	A	004	1193	0502	0216
WIRY	A	004	119B	0505	0217
WORK	A	004	1011	0393	0199
XR1	C	001	0001	0666	0015* 0020 0045* 0052* 0061* 0068* 0074* 0082* 0092* 0105* 0111* 0117* 0123* 0128* 0177 0240* 0241* 0242* 0243* 0244* 0302* 0303 0304* 0307* 0358* 0362 0516* 0549 0580* 0581 1357* 1358 1396* 1397
XR2	C	001	0002	1350	1370* 1373* 1405* 1406 1412 1413
YELP	A	004	0FC0	0370	0365
YORE	A	002	0C69	0145	0138 0142
YORK	A	004	1C1D	0397	0394
ZEROS	A	004	1B1B	1322	1321
ZONE	A	004	0F5A	0345	0167* 0335* 0515*
ZOO	A	004	1B0B	1318	1275 1282 1383 1386

TOTAL STATEMENTS FLAGGED IN THIS ASSEMBLY = 0

A014 FILE CONTROL UNIT FLT SECTION 1

OBJECT CARD LISTING

THE CHARACTER . INDICATES A BLANK COLUMN AND THE CHARACTERS D E H INDICATE NUMERIC SHIFT.

CL 1 THROUGH 16	CL 17 THROUGH 32	CL 33 THROUGH 48	CL 49 THROUGH 64	CL 65 THROUGH 80	CL 81 THROUGH 96
TA0YGYA5 B/					JAQA0140001
T+-ZDYD %<HAFSM@A.2<E8	MW3FWEI4<I1+0D#D	4 JY) |H*KGT2GB50	@@AM/C <NIJJS<HH	K63U 73%AO140002	
T+-Z"MA.EOI HOC-	ED_? D ZQOH*H-00	AD%*ML 0BF9-\$D30	F: M<A/>UF:P /1_	KOH*BG-<\$YA+MOH*	KP* . . 8, MA0140003
T+-D:/1YEC <-9AL	G| . M:-OAC(*M_LM	AEK*@A1IZ| |DNH&O	CEKMMQ%EGCIT /00	9C DK11%-(ED04 0	AC (* Q&DA0140004
T+-.5E.*< 1MVEFC	/1|KC <-9ALH0H*	<W<EGCCU< 1"UE. |	/009 (EDN000AC (*	M_00CEKMMR%BGCI	/00 =1@A0140005
T+-%0+90CG=EM2 0	AC (*M?LMAEY*< 1M	VEF3 /02QOH*+<E0	AD%*\$GEOAC(*M>LM	AE2@< 1MVEG. /1|	DC < L/4A0140006
T+-.G=EMW*BGCI	/009C <-9AM<C D	<51K" (SDP0-OCEKM	M;<BGCI /0090H*	.Q@BGF/Y< 1"UEIU	@@/M 1C%AO140007
T+->WH&OCEKMMQ-0	AC (*M>LMAFI*@-AL	EOH*<WCO E+, /00	9C <-9AKJ| . -703	=G'8-730JG> @"1#	4C % 11@A0140008
T+-?/G?<;' 0CEKM	MR-OAC(*M?LMAF.T	/02QOH*+<E0CG=E	MU&OCEKMM\$ OAC (*	MOLMAFKG /02QOH*	<+E0 Q9 A0140009
T+-0* 1"UEID< 1M	VEGH< E3PE<<5 JV	X0H*<W<BGCCU< 1"	UEID< 1MVEG-< E3	PEH45 JV_0H*<W<B	GCCU #HUA0140010
T+-1PC <-9AJFC D	<51K# (EDR5@BGCI	/0090H*EFT&HCF-	AY-1H<E<M:"+/ LF	TEIM1Y0120EH<O<B	GCFE 1Q-A0140011
T+-2K<F<MVLFTCFX	AY-1DOH*<RH . |E*	KG?HAB@BG /YFB 2	P@Y*HOH*BF%QHCL;	-U@BG SH-U@BGCC5	6*M ; -EA0140012
T+-3(1U_ @- 4BA.	G<EQMXLFUEI%@/C@	\$| *|P30GD (@AO'	\$| * (2CFTE?AY-3	C@Y*KC DK11JN| (M	LS% . . 33QA0140013
T+-4H/1HPOH*EF?<	. . AODE (4DCB*LXA+	1A/DNIJK. + HM6*B	EC*D8 JLR@/BQ|PY	M6-HDU&OACE8 (D 8	AC&8 R.OA0140014
TB&4KE(X /04KCJH					#Y%AO140015
T+-5+0H*+P%BGCCX	/0:QOH*+_@BGC%~	/0*|OH*+;%BGDAG	/1 POH*EQ%BGDF,	/1A40H*(U<BGCRC	/1 . . 8Z8A0140016
T+-6IY*BGDE, /1D	KOH*JE%EGDK* /1D	80H*JE@BGDP- /1F	COH*JS@BGDR| /1F	\$OH*JY@BGDE? /1F	90H* NH&A0140017
T+-7DD*P /1GNOH*	9F%Q)C*B-3@BG SH	-3@BGFSP6) \$G6*G	M&<PR6) \$R&FA 0%G	DE (~A6*GM0; |E6&O	D2M #S@A0140018
T+-7"E(, /07* . .	M#ALR<E<M#E@ D2M	N % AC*~ /07? (-D	N TQAE&H6 JMB(-D	N TQAE&. /03QC H	M'/E EAUA0140019
T+-8:=E@BEIQN %	AC-G /07. (-+LLO	EJ,AY 9+0EH+NT4	EJ, -E9H| (MLTC3	NDBY8 E8-@Z D|+-	LTC- OK@A0140020
T+-95D 8-OI KFL3	YD8, /1HROH*+KTY	A EJ, /08\$/+ NF%B	GC/@ (1"UE(7 -E7	TOH*BG-EM7J+-OH*	KP* . . 62%AO140021

A014 FILE CONTROL UNIT FLT SECTION 1

OBJECT CARD LISTING

CL 1 THROUGH 16	CL 17 THROUGH 32	CL 33 THROUGH 48	CL 49 THROUGH 64	CL 65 THROUGH 80	CL 81 THROUGH 96
T+-:0/07T<HEND04	AEJ<M6@BAC;? /OH	; /LSD:3 /1HROH*	(:3BWEJM(JMNE(?	-&7,0H*BG-HM61+	WOH* 02QA0140022
T+ -*,D/X /07,(-D	NCTEAEJU5 JL\$0H*	<6CMAEJX /03QCE	;CALEOHD(#@BG /8	AE(YL%<BGD/X /07	?C 1TUA0140023
T+-@WD2MM600 E(H	M6T1UEJ4@JAM-C H	M4JMC+ -M4|H&BC%	DEJ4#AAM-+ DM3"H	EG%BGC-@| A<VEE.	88 KR-A0140024
T+-' /@C2GC1%@A0'	-| *|@BGC;%+ 1L	KE(H8 JLJOI |LTY	HEJ" /C'K+0-NGJF	TEJ81Y1M-0H*|5*B	GC"U -3MA0140025
T+-=*0H*|ACS C",	2DAH8HALS@/ L+B	M8"HEC<BGD(| /0=	G0H*E4 3EHC*%6 JM	BATDM-JK.<H<K7L3	-F9U JT*A0140026
T+-"PG SZ& /1_	KCE \$YJ.) 0 D|0C0	GC1? /08|0H*|><B	GC6E4B "MOH*BG-L	\$YJ+0GH*KF*BGC'D	88AE 9\$-A0140027
T+ /K4< EC=G /0'	S<E&MW30JG>C /0"	10H*|QTSHC#? /0=	|0H*&BL-HE(C'D =	G0H*|Q%BGC& /0'	S|< ;DHA0140028
T+ /A(E+* /1 )|D	M*TBTD_4@ />V|14	\$W*BGF5H8 /.)0A	(@3FTE+@0Y1.) | H	\$ZL3'F9X /1_K+ H	K7* K*8A0140029
T+ /BHD 730H*BG-D	\$YJ+00H*KF*BGC-<	1ZAK\$0H*(@00 CS	M6%BGC;@0Y1.)C *	\$ZJLE|18\$W*BGF5H	(AH 1RMA0140030
T+ /CC7J>/OHD(#@B	G /8AF:DLV%BGD/X	/07?C M:JLEC	M:ALEC M91LSC	M9/LSC &M9JMD|BE	M:TO NI@A0140031
T+ /C=AAL%+ DM8*	EDE. /0'W+H M9?H	EBTS E+T2D ?2/00	:DALDOH*E6TYHE+0	1Y1L,<E<M*E8TE+U	M:* *--A0140032
T+ /D9/1B" | *E4<B	GC;%@ A"UOH*(@@B	GF/Y< AMEE(Y1Y1L	+CODNF1MB0 DJG<B	GC;@< JD7E(? /1D	4<HH :#DA0140033
T+ /E4D_30Y1.)C H	\$ZAL*C H\$WA>YOH*	\$M-4BD_0\$Y<BAC;|	/OH; 1>-D9L /1H	ROH*(83Z C?*:E #	#0H* E, A0140034
T+ /F?C-<#E #7+4	+@BGC-<@/0":0H*	(@30GC", /073+2	+@BGC-<:H #7CH*	(@32GC5" /0#DC U	M:JE 7A&A0140035
T+ /GD,32GD(C /1B	"|H*|03QAE&. /0#	D<E&MU3FUEIM1ZAK	LOH*(@30AD;.AZAG	/+0DJ8T4 E(, -E7	?CAD OJHA0140036
T+ /HVD# L03-AE(,	UAHRC DLYA+/OH*	KF*BGC; 5MCN&D	@:A.=@Y;+|+-L |H	GS3EHD%| /1<WA-D	K@1E 0QUA0140037
T+ /I-S31 D?<@EA.	1| K:-0ND>UK:-0	D_QLILEAD_M< 1.	SG=EOY/. \$<H<K7LB	WD>MOZA.YC K:/#	-0H* 4K*A0140038
T+ /H\$ /8QD>YLI<B	GD%< 1.:ERE<AJ<	BD-Y@EA.6C DLH/H	H< DLGAHHC DLE/H	H< DLCAHH|D K'C1	D?M 4Y0A0140039
T(J.JUEHKB@F-D/.	/OHE-LULI<BG /Y	A+J+0| *.P<HA /Y	4 JY)C *E <BGD%&	<AJ.@EHC /1I2	CH4A0140040
T A.O					0 8A0140041
TBA_3E<PR6) \$R&|A					=3&A0140042
T+ /(- CEHD3%@A1H	;0H*BF%D: D7E- *B	GD3/ 1)XR5_V 5)R	.E{LS14CN5U_ OUC	E&DA 8>|A8=LS&D:	0< 6.HA0140043

A014 FILE CONTROL UNIT FLT SECTION 1

OBJECT CARD LISTING

CL 1 THROUGH 16	CL 17 THROUGH 32	CL 33 THROUGH 48	CL 49 THROUGH 64	CL 65 THROUGH 80	CL 81 THROUGH 96
TBA+H6) (1_ID&DC	D1X|RE&DCD1XLR&L	AB&E &<PX&PC&P	D&DA &DA &D		@#UA0140044
T+/1, &(POS<.RK4C	05MCS0&GN&<TI83&	HD-Y< 1"UED, /1|	*( :L:-OCG=&MJTF	WEI73Y C /1|, OH*	L93& KJDA0140045
T+/&W&PAJPC M'AM	B<H&K6 3BTD_4< />	QF:8@ 'A>VC Q\$ZA>	VOH*\$M&BG /8CF:	LV @BE|QN 'X AEB3	/1H -I-A0140046
T+/J/F*BGF/Y&DA.	\$0A L'L-AD_, 2U L	/1HROH*M|O	HD F/2*P<PN1E1	*F/YMO)"O&-C	O@| O&UA0140047
T+/K*@|.O@|CO@|I	O@|CC@|LC@|CO@|P	O@|CO@|CO@|CO@|C	O@|CO@|CO@|GOYO	E&C""@ M	;8A@ "C@A0140048
I+/LP8) XE1UC1	& FATB0-C	"A F/ ED Y&H/ :H	Y-FT E<B <	& EM	LD-A0140049
T JLR					7Z*A0140050
T<AM+		A0	& - AA	& 0	=I4A0140051
T+/N<	A- D	N&D BMV9WH/ SF-	.+&HQF-8AF?@AF-	E&/D& 8B"0 CD	BFAY @H&A0140052
T+/OG H:&/-E H	:OA-E H:0/ E H	:0--E H:8/-E H	:4/-E H:2/-E H	:1S-E H:0/-E H	:OZ- MA A0140053
T+/PBF- B+%IQF-	B+%H8F- B+%H*F-	B+%HEF- B+%HRF-	B+%HQH/ EC-DE <	E"O<E YD AY MY	H, JM "\$4A0140054
T+/P'1D BMV9WH/	SF- .+&HQF-8AH/D	E"ODE R+B AY	CT, BFAY+ JY J,	" JYD JY J, # J,	6 KY J/%A0140055
T+/Q&DAY C/Y+ J,	"|15"F>@AA/@-I/Y	OA\$?I/, " J, ? JY	JY E+ &F- H+%H	QF-8AJA E Y:0/-	EC-D 9.4A0140056
T+/R3F- AF?@AFS-	AF- AF_*AF?MAF-	+F-YAF-QAFY&APUS	AFS&AF/8AF-@AF-8	AF- .A/*, F-8AF-C	4F?@ MQ@A0140057
T+/E> J, 1 J, @ JY	CSY F- AK-, 7EY/	VI;RSY&H/Y B3,	BFAY+ JY 1, 1Y	AM &F- F- Z+%H	QF-8 ; 4A0140058
T+/\$Z JY 48	H/D&E"O<LDJ, "AD&	U H-DE EHB1M	O4M BMV9WH/ SF-	.+&HQF-8AH/D&E"OE	+ - *H*A0140059
T+/*U E HE"OE	+ - AY J, 7 JY	CT, BFAY+ JY AD&	B F- CL-Y	E 8:0/-EC-DDDK&	OL-Y 3KMA0140060
T+/)-A F- K-,	NE3A 5I;RS&A- G	AJ# CKY&F- H+%H	QF-8AJA E Y:0/0	EC-DDDJ, " JY JY	-Y 3LMA0140061
T+;/EG=&+F (+C-	C,CFBY&F-8AH/D	E"ODE DE&A D+F (	+C- CDCFBY&F-8	AF- CH/D+F <:0/-	DDAY 7\$ A0140062
T+/-NC-DE HE&A D	DD&8C 1Y Y AL-0	B C- 2YAF- AL-0	- AH&B34P04 CMV9	WH/ > Q A& M; & 4	E C- 6H&A0140063
T+/-&B/"UF- &B/"	/ / & AQ& FG>	=F- F- 8A E &	D H&D L"F- CK-	\$A/#-R/"UF?@AF-&	AF?Q)Q0A0140064
T+//. JY CAY+ JY	AY E Y-&JH:0/-	DDAY+ JY /ZM KY	JF?@AFD&AF?@BF-	&F-8AF- E- K& I	KPWQ ;E&A0140065

A014 FILE CONTROL UNIT FLT SECTION 1

OBJECT CARD LISTING

CL 1 THROUGH 16	CL 17 THROUGH 32	CL 33 THROUGH 48	CL 49 THROUGH 64	CL 65 THROUGH 80	CL 81 THROUGH 96
T+/SFH/ SF- .D/Y	+ JY /ZM J," JD	, J, @ EY-9AH EC-D	E HEO DE"ODEZOL	E" DHG=EKF- EF-8	AD/Y 4.MA0140066
T+/TA"ODFG= E"ED	E BFG> KFIT-A28	AH/ E"OF ; EG%	(F- -C/-SF- VC/-	SK/.DF.U+PD*:0/-	EC-D -H-A0140067
T+/TDF?OAF-<AFV-	AF?OAFV%AF?EAF-	M8 DDJY HC,BF 8	QMZYEF- JE -> M	B.-A A/Y AY EC,	BFAV OC@A0140068
T+/U7C-DE HFN D	DDJ," JD, J, @ JY	ABYAL-E E E	HBA<RH-8QJ3,BF 8	QMOBQ-1YK JY "1,	_ 88 K-@A0140069
T+/V2FHR: AY A Q	;8C,BF 8QE8Q-1Y	F JY "1,9 8Q/J8	..... ;-DD A," MY	.SJVYC//G+%HQC//	LC/- 4 MA0140070
T+/W_1YF JY "1,	9 8Q/XY F- DA/*	-+%HQC//ZC//F/H	AF-C"PF>4AC/SFL-	... A: KY F?@AK-?	"FE8 K,QA0140071
T+/XYC//G+%HQI-8	QMOBQ-1YJ JY "1.	> 8Q/XYAL-B	D A," MY<GJXQE H	SH/ E"O (AB8A8B0	> /Y 88@A0140072
T+/YT E:0/-DDAY	+ JY "1,"AF8EF?@	|F-8AI E + E"1D	D A," Q H F J,	" MY<<*BG /YN0H*	BHD OHMA0140073
T+/Z; LBSD_XOY1.	)<.H\$HL--B-* DAD	\$| D\$HL/ F2C UA,	D| <\$HL-AB-3 DA,	D+ HHC|H8H30GF?D	8BAH K8@A0140074
T+/DR6@ EF>Y8 J.	*@/ -|RM\$HL7B -C	-J,DOH*\$B30EF2D	8BA.50I E:%BGFWE	2E/%|*HB <BAF0?	/1Y)JXA0140075
T+/,M:T0IF2D8EA%	-0A E:T0EP2D9 0Y	<0I E:TOKF2D8BA.	\$0A E:TB:F2D8 EY	|@/ E|AG\$HL/ F2C	DAY M\$<A0140076
T+/%|:%BGFWE@D1%	/+D \$H<EGF>, /1Z	UOH*BG-D\$HJ_JOH*	BF%QF3W-:%BG /Y	CFA_JOH*BHDCD<EQ	\$E"< 4-<A0140077
T+/_HY C /OHOF 1-	..... B3UH4E 9<L	T8<LO1;I 5)\$T8(I	A8@|HE+.E5;.E8%P	EE (-A1@N ' -P0E<\$	C9D OK%A0140078
T+/>E5<GP8WCX93E	HF9D@ J?>C <\$XJ.	) +H \$V?HEB3S P9,	2U E:-A>SC-<\$WJ>	RC-<\$XJ>)C-*\$ZJ>	VC- 638A0140079
T+/? F:@N T4/F:"	-J>+OH*\$Q	.....	KG+?#7"=#"@ -C	"@HAB-04 J?~+1	*,C% EJ*A0140080
T+/?#DA2*+1 *?3%	EGE@#DA5F+1)\$L%	EGON#DA2)+ EHC<	EF=T /1OR0-H)>C1	.GU# /12F (-HNAE@	GUB QA@A0140081
T+/06EE. J20@:D	A<E<;RLFTGWQ1Y19	VJH <FSGR48DA2	)0A \$B3--E-* DA1	KOH*\$B@BG /,EDJ1	JYC< J %A0140082
T+/110H*BHD 3OH*	*.*|EE (LO1<N 5)\$	T8(XE8%PT+/ *X*H	AB-@4 J?~+/ *,CY	EG.%:DA2"/)C3Y	EGMQ 4L@A0140083
T+/2%+ /) \$LYEGOX	B -Y| ( H\$7@BGF'0	4BA6N.)X8 % A9	J LFTG\$-1Z/6~@:	|E<)X*BDGH? /14	><HH 2,<A0140084
T+/3XGR*8EA6P@/A	D| |H)_LBSGR*OY16	ROH*BG-E) WJ9T|.	*9T-EGI72E -@YA3	W| |D)_*BG /,AE/6	5 FQ NO-A0140085
T+/4S0H*BF-M|GW|	/OHSYF\$ /130<E<	)_3FTG\$-| A6) E8H	| A9JEEHOY/6POHD	)HT/ GR~ DA3:OH*	*_TU :00A0140086
T+/5) EA6POA) .%B	GG.QOY16R+ E) W|H	EA<BGG.Q1Y167<E<	)>CBSGR*8EA6P@Z	DOH**_~@ GR4N T4	GR4 7THA0140087

A014 FILE CONTROL UNIT FLT SECTION 1

OBJECT CARD LISTING

CL 1 THROUGH 16	CL 17 THROUGH 32	CL 33 THROUGH 48	CL 49 THROUGH 64	CL 65 THROUGH 80	CL 81 THROUGH 96
T+/600 D) .-0AGV<	;MCBSGR*0Y16R+D	)V@B&GP3 /126+A	)V@B&GRH| J9LEE.	.. J5YOH**_%BGGRH	..... 20MA0140088
T+/7L .....	)W%T I&+.P1*ED&<PR6)\$	RE<LR2;PE&+*D	.. 0 D -MBA0&HA Y	FBOQ(B 8HD YJB/<	<E 0 9I*A0140089
T+/8+E-BPC/UEP/	*D/4KG1&-EBHOH1Q	VFBQQH/0,GB&-<B	4ICMU+K-:HC8%|21	C<D&OKCJI (D48LT/	K|E< L:@A0140090
T+/9I|E) ODA*JE5	QQM/SKFR<R41,MF1	E) E/5OG5--WBFEH)	YT7BE*I/8WPS/-HH	DYS,S. &_IB@W.6	Q1E 0-%A0140091
TF19V1DC<Z- A/O	.. DCS8@GT9+I 9=>	X9=>X9=;	.....	.....	..... 2D-A0140092
T A*- .....	.....	.....	.....	.....	..... ;30A0140093
T A"/ .....	.....	.....	.....	.....	..... ;T@A0140094
T 1"Y G* E 3#UA0140095
E""*E7*=-DC"PH\$	=7M&F C	F% ASC R A S O Q 16570501700	30271".8A0140096

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