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// JOB TRY31BIT
// OPTION LINK
* // OPTION CATAL
// EXEC ASSEMBLY

DATE 02/24/10,CLOCK 19/21/19

SYMBOL	TYPE	ID	ADDR	LENGTH	LD-ID
	PC (PRIVATE)	001	000000	00004A	
@@SETM24	LD (ENTRY)		000036		001
@@SETM31	LD (ENTRY)		00003C		001

LOC	OBJECT	CODE	ADDR1	ADDR2	STMT	SOURCE	STATEMENT	DOS/VS ASSEMBLER REL 34.0 19.21 10-02-24
					2	*		
					3		PRINT OFF	
					54		PRINT ON	
000000	0520				55		BALR R2,0	SET UP A BASE REGISTER
			00002		56		USING *,R2	
000002	4122	0000		00000	57		LA R2,0(R2)	
000006	47F0	201E		00020	59	B	BEGIN	BRANCH AROUND SOME DATA
00000A	E3D9E8F3F1C2C9E3				60	DC	C'TRY31BIT ASSEMBLE A '	
000020					61	DS	0D	
000020	18BE				62	BEGIN	LR R11,R14	SAVE RETURN ADDRESS
					63	*		
					64	*	DO SOME TESTING HERE ...	
					65	*		
					66	*		
000022	41F0	203A		0003C	67		LA R15,@@SETM31	LOAD THE ROUTINE ADDRESS
000026	05EF				68		BALR R14,R15	
					69	*		
					70	*		
000028	41F0	2034		00036	71		LA R15,@@SETM24	LOAD THE ROUTINE ADDRESS
00002C	05EF				72		BALR R14,R15	
					73	*		
00002E	18EB				74		LR R14,R11	RETURN ADDRESS RESTORED
000030	41F0	0000		00000	75		LA R15,0	
					76		EOJ	DOS/VS END OF JOB
					77+	SUPVR	COMMN MACROS - EOJ - 5745-SC-SUP - REL. 28.0	40000028
000034	0A0E				78+	SVC	14	50000025
					79	*	*** BR R14	IN CMS RETURN VIA R14
					80	*		
					82	*****		
					83	*	*	
					84	*	SETM24 - SET AMODE TO 24 *	
					85	*	*	
					86	*****		
					87		ENTRY @@SETM24	
			00036		88		USING @@SETM24,R15	
000036	BFE8	F012		00048	89	@@SETM24	ICM R14,8,=X'00'	SURE HOPE CALLER IS BELOW THE LINE
					90	*	BSM 0,R14	RETURN IN AMODE 24
00003A	0B0E				91	BSM24	DC X'0B0E'	
					92	*		
					94	*****		
					95	*	*	
					96	*	SETM31 - SET AMODE TO 31 *	
					97	*	*	
					98	*****		
					99		ENTRY @@SETM31	
			0003C		100		USING @@SETM31,R15	
00003C	BFE8	F00D		00049	101	@@SETM31	ICM R14,8,=X'80'	SET TO SWITCH MODE
					102	*	BSM 0,R14	RETURN IN AMODE 31

10-02-24

NO ERRORS FOUND

THE FOLLOWING MACRO NAMES HAVE BEEN FOUND IN MACRO INSTRUCTIONS
EOJ

OPTIONS FOR THIS ASSEMBLY - ALIGN, LIST, XREF, LINK, RLD, NODECK, NOEDECK

THE ASSEMBLER WAS RUN IN 8286088 BYTES
END OF ASSEMBLY

JOB TRY31BIT 02/24/10 DOS LINKAGE EDITOR DIAGNOSTIC OF INPUT

ACTION TAKEN MAP REL

2142I ENTRY POINT NOT IN CSECT OR COMMON
0001 ESD 404040 0010 0001 4 000000 00004A @@SETM24 1 000036 000001 @@SETM31 1 00003C 000001

LIST ENTRY


```
// OPTION DUMP
// EXEC
```

E0J TRY31BIT

DATE 02/24/10, CLOCK 19/21/20, DURATION 00/00/00

XXXXXXXXXXXXX	XXXXXXXXXXXXX	XX		XX	XXXXXXXXXXXXX	XX	XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX
XXXXXXXXXXXXX	XXXXXXXXXXXXX	XX		XX	XXXXXXXXXXXXX	XXX	XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX
XX	XX	XX		XX	XX	XXXX	XX	XX	XX
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XXXXXXXXXXXXX	XXXXXXXXXXXXX					XXXXXXXXXXXXX	XX	XXXXXXXXXXXXX	
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XX	XX	XX	XX			XX	XX	XX	
XX	XX	XXXXXXXXXXXXX				XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX	
XX	XX	XXXXXXXXXXXXX				XXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXX	