

DISPLAY SYSTEM DRUM WORD LAYOUTS

WORD	LS	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	RS	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	/	G ₁		G ₂		G ₃		G ₄	/	/	/	/	/	/	/	/	I	G ₁		G ₂		G ₃		G ₄	/	/	/	/	/	/	/	
1		X ₁										X ₁										Y ₁								Y ₁		
2		CATEGORY		*																											DAB	
3																																DAB
4																																DAB
5				X ₂								X ₂										Y ₂									Y ₂	
6				X ₃								X ₃										Y ₃									Y ₃	
7				X ₄								X ₄										Y ₄									Y ₄	

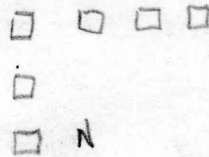
* W2 L5 "1" ALLOW DISPLAY "0" SUPPRESS DISPLAY

WORD	LS	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	RS	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	*		A ₁		A ₂		A ₃		A ₄								E	0	A ₁		A ₂		A ₃		A ₄						E	
1				X										/	/	/							Y								/	
2		CATEGORY		*																												DAB
3																																DAB
4																																DAB
5			X				C ₂		C ₃														Y		C ₂		C ₃				C ₄	
6	*	B ₁		B ₂		B ₃		B ₄																								B ₅
7	*	D ₁		D ₂		A ₅		A ₆																								C ₁

* CONTROL BITS AS FOLLOWS: W2 L5 "1" ALLOW DISPLAY "0" SUPPRESS DISPLAY
 W6 L5 "1" NO LIGHT GUN "0" LIGHT GUN
 W7 L5 "1" CHARS. N OR S "0" CHARS. E OR W
 W0 L5 "1" INFO MESSG "0" NOT INFO

RD AND DD MESSAGES	RD	DD	LS	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	RS	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
RD						X																												
DD	*	L		K		J		I		H										*	L		K		J		I		H					

* CONTROL BITS AS FOLLOWS: RD DD
 L14 "1" IDENTITY L5 RS "0" "0" CONTINUE
 "0" NO IDENTITY "0" "1" NEW SLOT
 L15 "1" CORR "1" "0" OTHER HALF
 "0" NOT CORR "1" "1" SKIP LINE



SD AND DD MATRIXES

CHARACTRON

	4	5	6	7	0	1	2	3
3	1	X	N	T	Y	I	A	
2	D	P	I	U	A	E	F	
1	G	L	O	I	Z	C	J	
0	V	R	4	5	6	7	S	W
7	Q	M	8	9	H	B	Z	
6	K	+	-	F				
5	.	o	-	+	o			
4	.	+	=	=	.			

TYPOTRON

	4	5	6	7	0	1	2	3
3	u	f	X	N	T	Y	t	v
2	i	D	P	I	U	A	E	f
1	G	L	O	I	Z	C	J	
0	V	R	4	5	6	7	S	W
7	Q	M	8	9	H	B	Z	
6	b	K	A	p	h	g	F	d
5	c	m	o	w	e	s	z	n
4

860
 1284

INPUT SYSTEM DRUM WORD LAYOUTS

	P	LS	LI	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	RS	RI	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
GFI DRUM WORD		RANGE										REL TIME					AZIMUTH					SITE IDENTITY											
XTEL DRUM WORD NO. 1	P	INCOMING MESSAGE WORD NO. 1															CLOCK TIME					SITE IDENTITY											
XTEL DRUM WORD NO. 2	P	INCOMING MESSAGE WORD NO. 3															INCOMING MESSAGE WORD NO. 2																
XTEL DRUM WORD NO. 3	P	INCOMING MESSAGE WORD NO. 5										INCOMING MESSAGE WORD NO. 4					ADDRESS					AP											
MI DRUM ENTRY WD CARD READER		CARD INFORMATION										COMPENT PU ID					CARD COUNT					COLUMN COUNT					O	O					
MI DRUM ENTRY WD TRACK IDENTIFY		C ₁ (LETTER OR NO.)					C ₂ (LETTER OR NO.)					C ₃ (LETTER OR NO.)					C ₄ (NO.)					CONSOLE IDENTITY					O	I					
MI DRUM ENTRY WD RADAR DATA (UNCORRELATED)		X COORDINATES										Y COORDINATES										CONSOLE IDENTITY					I	O					
MI DRUM ENTRY WD RADAR (CORRELATED)		X COORDINATES										Y COORDINATES										CONSOLE IDENTITY					I	I					
LRI DRUM WORD NO. 1 SEARCH	P	SPARE										RL					TD					ML					SITE IDENTITY						
LRI DRUM WORD NO. 2 SEARCH	P	RANGE										AZIMUTH					CLOCK					AZIMUTH											
LRI DRUM WORD NO. 1 MK X	P	SIF										TD					ML					SITE IDENTITY											
LRI DRUM WORD NO. 2 MK X	P	RANGE										AZIMUTH					CLOCK					AZIMUTH											
LRI DRUM WORD NO. 1 HF REPLY	P	SPARE										SPARE					ML					SITE IDENTITY											
LRI DRUM WORD NO. 2 HF REPLY	P	I	SRY	FORM	SEP	NO. A/C	HT	A	RN					CLOCK					HEIGHT														

INPUT SYSTEM PHONE-LINE MESSAGE LAYOUTS

DATA BIT	4045443414039383736353433323130292827262524232221201918171615141312111098765432192919d8968571668544332219d7978777675747372717069686716666443362416039383716655443322130494847																																								
XTEL	DATA																				DATA																				
LRI F80 SEARCH	P	SPARE					RL					TD					ML					P					AZIMUTH					RANGE					BB	O	O	O	O
MK X	P	SIF										TD					ML					P					AZIMUTH					RANGE					BB	O	O	O	O
HF	P	SPARE										ML					P					HEIGHT					A	RN	SRY	FORM	SEP	NO. A/C	BB	O	O	O	O				

OUTPUT SYSTEM DRUM WORD LAYOUTS

	P	LS	LI	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	RS	RI	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
OUTPUT DRUM WORD	P	O S A										O R A					ASSIGN. BURST NO.					INTELLIGENCE											

OUTPUT SYSTEM PHONE-LINE MESSAGE LAYOUTS

	n	n-1																									8	7	6	5	4	3	2	1	O	O	O	O																																										
G/A	n-234	P ₁₃	P ₁₂	P ₁₁	P ₂	P ₁	R8 ₁₂	R8 ₁₁	R8 ₁₀	R8 ₉	R8 ₈	R8 ₇	R8 ₆	R8 ₅	R8 ₄	R8 ₃	R8 ₂	R8 ₁	R8 ₀	R15 ₁₂	R15 ₁₁	R15 ₁₀	R15 ₉	R15 ₈	R15 ₇	R15 ₆	R15 ₅	R15 ₄	R15 ₃	R15 ₂	R15 ₁	R15 ₀	R1 ₂	R1 ₁	R1 ₀	R1 ₁₃	R3 ₃	R3 ₂	R3 ₁	R3 ₀	R5 ₁₃	R5 ₁₂	R5 ₁₁	R5 ₁₀	R5 ₉	R5 ₈	R5 ₇	R5 ₆	R5 ₅	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	B ₈	B ₇	B ₆	B ₅	B ₄	B ₃	B ₂	B ₁	O	O	O	O														
BOMARC	n-234	R15 ₁₃	R15 ₁₂	R15 ₁₁	R15 ₁₀	R15 ₉	R15 ₈	R15 ₇	R15 ₆	R15 ₅	R15 ₄	R15 ₃	R15 ₂	R15 ₁	R15 ₀	P ₁₃	P ₁₂	P ₁₁	P ₁₀	P ₉	P ₈	P ₇	P ₆	P ₅	P ₄	P ₃	P ₂	P ₁	P ₀	R13 ₂	R13 ₁	R13 ₀	R14 ₁₃	R14 ₁₂	R14 ₁₁	R14 ₁₀	R14 ₉	R14 ₈	R14 ₇	R14 ₆	R14 ₅	R14 ₄	R14 ₃	R14 ₂	R14 ₁	R14 ₀	R1 ₃	R1 ₂	R1 ₁	R1 ₀	R3 ₃	R3 ₂	R3 ₁	R3 ₀	R5 ₁₃	R5 ₁₂	R5 ₁₁	R5 ₁₀	R5 ₉	R5 ₈	R5 ₇	R5 ₆	R5 ₅	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	B ₈	B ₇	B ₆	B ₅	B ₄	B ₃	B ₂	B ₁	O	O	O	O
G/G	n-85	P ₄	P ₃	P ₂	P ₁	R15 ₅	R15 ₄	R15 ₃	R15 ₂	R15 ₁	R15 ₀	R14 ₅	R14 ₄	R14 ₃	R14 ₂	R14 ₁	R14 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀	R1 ₂	R1 ₁	R1 ₀	R5 ₄	R5 ₃	R5 ₂	R5 ₁	R5 ₀															
TD/DL PHONE LINE A	n-34	P ₂	R15 ₂	R14 ₂	R13 ₂											R3 ₂	R2 ₂	R1 ₂	R2 ₂	P ₁	R15 ₁											R3 ₁	R2 ₁	R1 ₁	R1 ₀	O	O	O	O																																									
TD/DL PHONE LINE B	n-34	P ₄	R15 ₄	R14 ₄	R13 ₄											R3 ₄	R2 ₄	R1 ₄	R4 ₄	R1 ₃	R15 ₃											R3 ₃	R2 ₃	R1 ₃	R3 ₃	O	O	O	O																																									
TELETYPE WORD	SP	R15	R14	R13	R12	R11	ST	SP	R10	R9	R8	R7	R6	ST	SP	R5	R4	R3	R2	R1	ST																																																											