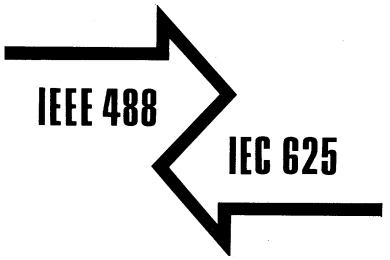


ISO CODING TABLE

IEC-625 FUNCTION SUBSET REFERENCE LIST

ISO CODING TABLE

This table is the ISO-646 coding table.
It has been extended to include the:

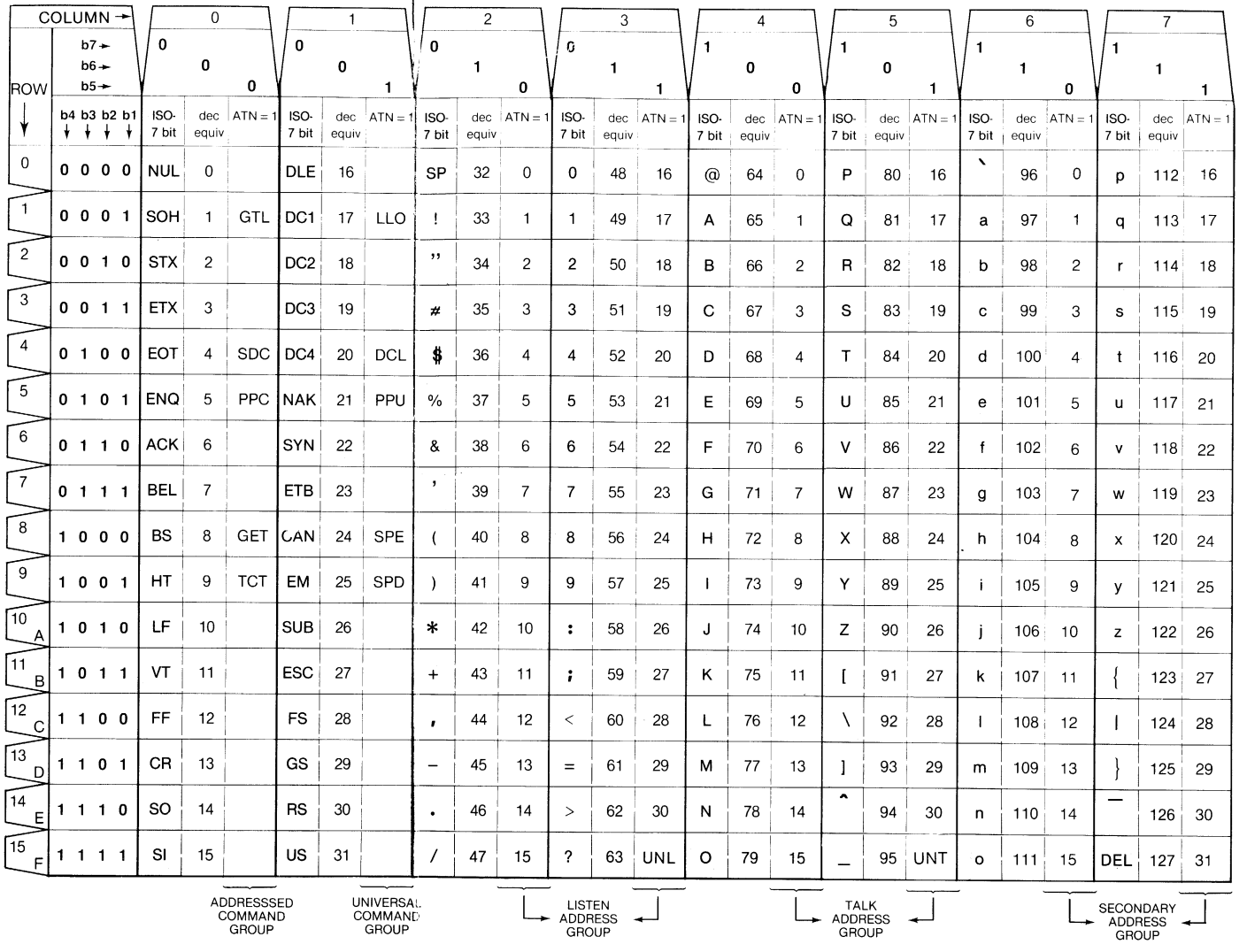
- addressed and universal commands
- device codes for the:
  - listener addresses
  - talker addresses
  - secondary addresses.

They are shown under the heading ATN = 1 in the command or address group indicated on the bottom of the table.

IEC-625 FUNCTION SUBSET REFERENCE LIST.

The IEC-625/IEEE488 interface function subset reference list provides a survey of all the interface function identification codes together with their capabilities.

ISO CODING TABLE.



COLUMN →		0			1			2			3			4			5			6			7		
	b7 →	0			0			0			0			1			1			1			1		
	b6 →	0			0			1			1			0			0			1			1		
ROW	b5 →	0			1			0			1			0			1			0			1		
↓	b4 b3 b2 b1 ↓ ↓ ↓ ↓	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1	ISO-7 bit	dec equiv	ATN = 1
0	0 0 0 0	NUL	0		DLE	16		SP	32	0	0	48	16	@	64	0	P	80	16	`	96	0	p	112	16
1	0 0 0 1	SOH	1	GTL	DC1	17	LLO	!	33	1	1	49	17	A	65	1	Q	81	17	a	97	1	q	113	17
2	0 0 1 0	STX	2		DC2	18		"	34	2	2	50	18	B	66	2	R	82	18	b	98	2	r	114	18
3	0 0 1 1	ETX	3		DC3	19		#	35	3	3	51	19	C	67	3	S	83	19	c	99	3	s	115	19
4	0 1 0 0	EOT	4	SDC	DC4	20	DCL	$	36	4	4	52	20	D	68	4	T	84	20	d	100	4	t	116	20
5	0 1 0 1	ENQ	5	PPC	NAK	21	PPU	%	37	5	5	53	21	E	69	5	U	85	21	e	101	5	u	117	21
6	0 1 1 0	ACK	6		SYN	22		&	38	6	6	54	22	F	70	6	V	86	22	f	102	6	v	118	22
7	0 1 1 1	BEL	7		ETB	23		'	39	7	7	55	23	G	71	7	W	87	23	g	103	7	w	119	23
8	1 0 0 0	BS	8	GET	CAN	24	SPE	(	40	8	8	56	24	H	72	8	X	88	24	h	104	8	x	120	24
9	1 0 0 1	HT	9	TCT	EM	25	SPD	)	41	9	9	57	25	I	73	9	Y	89	25	i	105	9	y	121	25
10 A	1 0 1 0	LF	10		SUB	26		*	42	10	:	58	26	J	74	10	Z	90	26	j	106	10	z	122	26
11 B	1 0 1 1	VT	11		ESC	27		+	43	11	;	59	27	K	75	11	[	91	27	k	107	11	{	123	27
12 C	1 1 0 0	FF	12		FS	28		,	44	12	<	60	28	L	76	12	\	92	28	l	108	12	|	124	28
13 D	1 1 0 1	CR	13		GS	29		–	45	13	=	61	29	M	77	13	]	93	29	m	109	13	}	125	29
14 E	1 1 1 0	SO	14		RS	30		.	46	14	>	62	30	N	78	14	^	94	30	n	110	14	~	126	30
15 F	1 1 1 1	SI	15		US	31		/	47	15	?	63	UNL	O	79	15	_	95	UNT	o	111	15	DEL	127	31

ADDRESSSED COMMAND GROUP

UNIVERSAL COMMAND GROUP

LISTEN ADDRESS GROUP

TALK ADDRESS GROUP

SECONDARY ADDRESS GROUP

IEC-625 INTERFACE FUNCTION SUBSET REFERENCE LIST

The IEC interface functions are specified in accordance with the following identification codes.

FUNCTION	IDENTIFICATION CODE	DESCRIPTION
SOURCE HANDSHAKE	SH0	No capability
	SH1	Complete capability
ACCEPTOR HANDSHAKE	AH0	No capability
	AH1	Complete capability

FUNCTION	IDENTIFICATION CODE	DESCRIPTION
		CAPABILITIES
LISTENER (with address extension)	LE0	no
	LE1	yes
	LE2	yes
	LE3	yes
	LE4	yes
SERVICE REQUEST	SR0	No capacity
	SR1	Complete capability
REMOTE LOCAL	RL0	No capability
	RL1	Complete capability
	RL2	No local lockout
PARALLEL POLL	PP0	No capability
	PP1	Remote configuration
	PP2	Local configuration
DEVICE CLEAR	DC0	No capability
	DC1	Complete capability
	DC2	Omit selective device clear
DEVICE TRIGGER	DT0	No capability
	DT1	Complete capability

		CAPABILITIES			
		Basic talker	Serial poll	Talk only	Un-address if MLA
TALKER	T0	no	no	no	no
	T1	yes	yes	yes	no
	T2	yes	yes	no	no
	T3	yes	no	yes	no
	T4	yes	no	no	no
	T5	yes	yes	yes	yes
	T6	yes	yes	no	yes
	T7	yes	no	yes	yes
	T8	yes	no	no	yes

		CAPABILITIES			
		Basic extended talker	Serial poll	Talk only	Un-address if MSA^ (LPAS)[2]
TALKER (with address extension)	TE0	no	no	no	no
	TE1	yes	yes	yes	no
	TE2	yes	yes	no	no
	TE3	yes	no	yes	no
	TE4	yes	no	no	no
	TE5	yes	yes	yes	yes
	TE6	yes	yes	no	yes
	TE7	yes	no	yes	yes
	TE8	yes	no	no	yes

		CAPABILITIES			
		Basic extended listener	Listen only	Un-address if MSA^ (TPAS)[2]
LISTENER (with address extension)	LE0	no	no	no
	LE1	yes	yes	no
	LE2	yes	no	no
	LE3	yes	yes	yes
	LE4	yes	no	yes

		CAPABILITIES			
		Basic listener	Listen only	Unaddress if MTA
LISTENER	L0	no	no	no
	L1	yes	yes	no
	L2	yes	no	no
	L3	yes	yes	yes
	L4	yes	no	yes

1) (LPAS) = *Listener Primary Addressed State (internal state of the interface of the instrument)*

2) *Replaced by MTA when used together with the T function*