TYPE: Control Character Set	REGISTRATION NUMBER : **56**
	DATE OF REGISTRATION: June 1, 1982

ESCAPE SEQUENCE

G0	:	-
G1	:	-
G2	:	-
G3	:	-
C0	:	-
C1	:	ESC 2/2 4/0

NAME

Attribute Control Set for UK Videotex

DESCRIPTION

A set of 32 control functions intended for use as a
C1 set for setting attributes in videotex information
frames.

SPONSOR

BSI, British Standards Institution
2, Park Lane
LONDON W1A 2BS, United Kingdom

ORIGIN (USER)

British Telecom

FIELD OF UTILISATION

United Kingdom Videotex

C1 SET

7-bit coding

ABK	ESC 4/0
ANR	ESC 4/1
ANG	ESC 4/2
ANY	ESC 4/3
ANB	ESC 4/4
ANM	ESC 4/5
ANC	ESC 4/6
ANW	ESC 4/7
FSH	ESC 4/8
STD	ESC 4/9
EBX	ESC 4/10
SBX	ESC 4/11
NSZ	ESC 4/12
DBH	ESC 4/13
DBW	ESC 4/14
DBS	ESC 4/15
MBK	ESC 5/0
MSR	ESC 5/1
MSG	ESC 5/2
MSY	ESC 5/3
MSB	ESC 5/4
MSM	ESC 5/5
MSC	ESC 5/6
MSW	ESC 5/7
CDY	ESC 5/8
SPL	ESC 5/9
STL	ESC 5/10
CSI	ESC 5/11
BBD	ESC 5/12
NBD	ESC 5/13
HMS	ESC 5/14
RMS	ESC 5/15

8-bit coding

b_8					1	1
b_7					0	0
b_6					0	0
b_5					0	1
					08	09

b_4	b_3	b_2	b_1		08	09
0	0	0	0	00	ABK	MBK
0	0	0	1	01	ANR	MSR
0	0	1	0	02	ANG	MSG
0	0	1	1	03	ANY	MSY
0	1	0	0	04	ANB	MSB
0	1	0	1	05	ANM	MSM
0	1	1	0	06	ANC	MSC
0	1	1	1	07	ANW	MSW
1	0	0	0	08	FSH	CDY
1	0	0	1	09	STD	SPL
1	0	1	0	10	EBX	STL
1	0	1	1	11	SBX	CSI
1	1	0	0	12	NSZ	BBD
1	1	0	1	13	DBH	NBD
1	1	1	0	14	DBW	HMS
1	1	1	1	15	DBS	RMS

4.33

Acronym	Name	Description
ABK	ALPHA BLACK	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in black.
ANR	ALPHA RED	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in red.
ANG	ALPHA GREEN	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in green.
ANY	ALPHA YELLOW	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in yellow.
ANB	ALPHA BLUE	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in blue.
ANM	ALPHA MAGENTA	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in magenta.
ANC	ALPHA CYAN	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in cyan.
ANW	ALPHA WHITE	Causes the designated alphanumeric set in use (current shift position) to be activated and characters to be written in white.
FSH	FLASHING	Causes the characters to be displayed alternately in the prevailing foreground colour and in the prevailing background colour under the control of a timing device in the receiver.
STD	STEADY	Causes the action of FLASHING to be stopped.
EBX	END BOX	Causes the action of START BOX to be stopped.

Acronym	Name	Description
MSM	MOSAIC MAGENTA	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in magenta.
MSC	MOSAIC CYAN	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in cyan.
MSW	MOSAIC WHITE	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in white.
CDY	CONCEAL DISPLAY	Causes the characters although stored in the receiver to be displayed as SPACEs.
SPL	STOP LINING	Causes the alphanumeric characters to be displayed without underline and mosaic characters to be displayed in the contiguous font.
STL	START LINING	Causes alphanumeric characters to be displayed with underline and mosaic characters to be displayed in the separated font.
CSI	CONTROL SEQUENCE INTRODUCER	CSI is the first character of a control sequence according to ISO 6429.
BBD	BLACK BACKGROUND	Causes the background colour of the character positions to be black.
NBD	NEW BACKGROUND	Causes the background colour of character positions to be that of the previously applying foreground colour. The foreground colour remains unchanged.
HMS	HOLD MOSAIC	When the mosaic graphic set is activated, causes the display locations corresponding to subsequently stored control functions to be imaged as the last received mosaic graphic character.
RMS	RELEASE MOSAIC	Causes the action of HOLD MOSAIC to be stopped.

Acronym	Name	Description
SBX	START BOX	Defines the start of a non-alphanumeric area in a page of text.
NSZ	SINGLE SIZE	Causes the active position to move to, and to occupy, the next character position on the same line. All characters shall be imaged in this manner until either occurence of DBH or DBW or DBS, or the end of a line is reached.
DBH	DOUBLE HEIGHT	Causes the active position to move to, and to occupy, the next character position on the same line and the corresponding position on the next line. All characters shall be imaged in this manner until either occurence of NSZ or DBW or DBS, or the end of the line is reached. DBH is inactive on the bottom line of a form or page.
DBW	DOUBLE WIDTH	Causes the active position to move to, and to occupy, the next two character positions on the same line. All characters shall be imaged in this manner until either occurence of NSZ or DBH or DBS, or the end of the line is reached. DBW is inactive in the last character position of a line.
DBS	DOUBLE SIZE	Causes the active position to move to, and to occupy, the next two character positions on the same line and the corresponding two positions on the next line. All characters shall be imaged in this manner until either occurence of NSZ or DBH or DBW, or the end of the line is reached. DBS is inactive in the last character position of a line or the bottom line of the form or page.
MBK	MOSAIC BLACK	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in black.
MSR	MOSAIC RED	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in red.
MSG	MOSAIC GREEN	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in green.

Acronym	Name	Description
MSY	MOSAIC YELLOW	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in yellow.
MSB	MOSAIC BLUE	Causes the designated mosaic set in use (current shift position) to be activated and characters to be written in blue.

N O T E S

NOTE ON DBH, DBW, DBS, NSZ

The retention of data obscurred by enlarged characters is for further study.

Attributes other than dimensional of an enlarged character are those of the top lefthand character position.

NOTE ON THE ATTRIBUTE CONTROL FUNCTIONS

All attributes apply until the end of a line is reached or until a contradictory attribute is encountered.

After an attribute control function has been acted upon, the active position is moved forward by one character position. The position thus vacated generally displays a SPACE, although the control function HMO may modify this. Where a non-spacing attribute facility exists this SPACE may be overwritten. Combinations of control functions may occur at one character position.