

SWEET 16 OS ROM
EXTERNAL REQUIREMENTS SPECIFICATION
SUPPLEMENT 5
INTERNATIONAL CHARACTER SET

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- 3-24-82

1.0 FUNCTIONAL DESCRIPTION

There shall be 29 international characters, which shall replace the 29 ATARI graphic characters in memory.

The international character set shall be accessed as defined in the Sweet 16 O.S. ERS (section 3.2.2 - Domestic/international character set selection). The control/key sequence for each international character is listed below (all numbers are presented in decimal).

<u>CTRL/Key</u>	<u>ATASCII Code</u>	<u>Internal Screen Code</u>	<u>International Character</u>
CTRL - ,	0	64	á
CTRL - A	1	65	W ù
CTRL - B	2	66	~ N
CTRL - C	3	67	É
CTRL - D	4	68	Ç
CTRL - E	5	69	ô
CTRL - F	6	70	ò
CTRL - G	7	71	ì
CTRL - H	8	72	f
CTRL - I	9	73	ï
CTRL - J	10	74	ü
CTRL - K	11	75	ä
CTRL - L	12	76	ö
CTRL - M	13	77	W ù
CTRL - N	14	78	ó
CTRL - O	15	79	õ
CTRL - P	16	80	ú
CTRL - Q	17	81	á
CTRL - R	18	82	ü
CTRL - S	19	83	í

1.0 FUNCTIONAL DESCRIPTION (Cont')

<u>CTRL/Key</u>	<u>ATASCII Code</u>	<u>Internal Screen Code</u>	<u>International Character</u>
CTRL - T	20	84	/ e
CTRL - U	21	85	\ e
CTRL - V	22	86	~ n
CTRL - W	23	87	^ e
CTRL - X	24	88	g a
CTRL - Y	25	89	` a
CTRL - Z	26	90	o A
CTRL - .	96	96	z i
CTRL - ;	123	123	" A

The following shall be the actual screen character matrix of the 29 ATASCII international character.

```
  * *
 * *
* * * *
  * *
 * * * *
 * * * *
 * * * *
 * * * *
```

12
24
60
6
62
102
62
0

KEY= CTRL-A

ATASCII= 1, INTERNAL SCREEN CODE= 65

```
  * *
 * *
 * * * *
 * * * *
 * * * *
 * * * *
```

48
24
0
102
102
102
62
0

KEY= CTRL-B

ATASCII= 2, INTERNAL SCREEN CODE= 66

```
 * * * *
 * * * *
 * * * *
 * * * *
 * * * *
 * * * *
```

54
108
0
118
118
126
110
0

KEY= CTRL-C

ATASCII= 3, INTERNAL SCREEN CODE= 67

```
  * *
 * *
 * * * *
 * *
 * * * *
 * *
 * * * *
 * * * *
```

12
24
126
96
124
96
126
0

KEY= CTRL-D

ATASCII= 4, INTERNAL SCREEN CODE= 68

```
 * * * *
 * *
 * *
 * * * *
```

0
0
60
96
96
60

* * *
* * * *
* * * *
* * * *
* * * *

102
0
60
102
102
60
0

KEY= CTRL-F

ATASCII= 6, INTERNAL SCREEN CODE= 70

**
**
* * * *
* * * *
* * * *

48
24
0
60
102
102
60
0

KEY= CTRL-G

ATASCII= 7, INTERNAL SCREEN CODE= 71

**
**
* * * *
* * * *
* * * *

48
24
0
56
24
24
60
0

KEY= CTRL-H

ATASCII= 8, INTERNAL SCREEN CODE= 72

* * *
* * *
* * * *
* * *
* * * *
* * * * *

14
24
24
124
24
56
62
0

KEY= CTRL-I

ATASCII= 9, INTERNAL SCREEN CODE= 73

** *
* * * *
* * *
* * *
* * * *

0
102
0
56
24
24
60
0

**
**
**
**
**

102
0
102
102
102
62
0

KEY= CTRL-K

ATASCII= 11, INTERNAL SCREEN CODE= 75

**
**
**
**
**
**
**

54
0
60
6
62
102
62
0

KEY= CTRL-L

ATASCII= 12, INTERNAL SCREEN CODE= 76

**
**
**
**
**
**
**

102
0
60
102
102
102
60
0

KEY= CTRL-M

ATASCII= 13, INTERNAL SCREEN CODE= 77

**
**
**
**
**
**
**

12
24
0
102
102
102
62
0

KEY= CTRL-N

ATASCII= 14, INTERNAL SCREEN CODE= 78

**
**
**
**
**
**
**

12
24
0
60
102
102
60
0

** **
** **
** **
** **
** **
** **

102
0
60
102
102
60
0

KEY= CTRL-F

ATASCII= 16, INTERNAL SCREEN CODE= 80

** **
** **
** **
** **
** **
** **
** **

102
0
102
102
102
102
126
0

KEY= CTRL-G

ATASCII= 17, INTERNAL SCREEN CODE= 81

** **
** **
** **
** **
** **
** **
** **

60
102
28
6
62
102
62
0

KEY= CTRL-R

ATASCII= 18, INTERNAL SCREEN CODE= 82

** **
** **
** **
** **
** **
** **
** **

60
102
0
102
102
102
62
0

KEY= CTRL-S

ATASCII= 19, INTERNAL SCREEN CODE= 83

** **
** **
** **
** **
** **
** **

60
102
0
24
24
24
60

```

**
**
**
**
**
**
**

```

```

12
24
60
102
126
96
60
0

```

KEY= CTRL-U

ATASCII= 21, INTERNAL SCREEN CODE= 95

```

**
**
**
**
**
**
**

```

```

48
24
60
102
126
96
60
0

```

KEY= CTRL-V

ATASCII= 22, INTERNAL SCREEN CODE= 96

```

**
**
**
**
**
**

```

```

54
108
0
124
102
102
102
0

```

KEY= CTRL-W

ATASCII= 23, INTERNAL SCREEN CODE= 97

```

**
**
**
**
**
**
**

```

```

60
195
60
102
126
96
60
0

```

KEY= CTRL-X

ATASCII= 24, INTERNAL SCREEN CODE= 98

```

**
**
**
**
**

```

```

24
0
60
62
102
62

```



```

**
**
**
**
**
**
**
**
**

```

48
24
60
6
62
102
62
0

/KEY= CTRL-Z

ATASCII= 26, INTERNAL SCREEN CODE= 90

```

**
**
**
**
**
**
**

```

24
0
24
60
102
126
102
0

/KEY= CTRL-

ATASCII= 96, INTERNAL SCREEN CODE= 90

```

**
**
**
**
**
**

```

24
0
24
24
24
24
24
0

/KEY= CTRL-

ATASCII= 123, INTERNAL SCREEN CODE= 90

```

** **
** **
**
**
**
**
**
**

```

102
102
24
60
102
126
102
0