

|                             |  |
|-----------------------------|--|
| TYPE: Graphic Character Set | REGISTRATION NUMBER : <b>89</b><br>DATE OF REGISTRATION: Jan.1,1985  |
| ESCAPE SEQUENCE             | G0 : ESC 2/8 6/11<br>G1 : ESC 2/9 6/11<br>G2 : ESC 2/10 6/11<br>G3 : ESC 2/11 6/11<br>C0 : -<br>C1 : -   |
| <u>NAME</u>                 | 7-bit Coded Arabic Character Set for Information Interchange   |
| <u>DESCRIPTION</u>          | A set of 86 graphic characters derived from the International Reference Version of ISO 646, intended for data processing application requiring the use of Arabic characters. |
| <u>SPONSOR</u>              | Arab Organization for Standardization and Metrology (ASMO).<br>Arab Telecommunication Union (ATU).   |
| <u>ORIGIN</u>               | Arab Standard 449  |
| <u>FIELD OF UTILISATION</u> | Data processing and data transmission using Arabic characters. This character set is also intended for the usage of basic programs in Arabic language.                       |

|                |                |                |                |                |   |   |   |   |   |   |   |   |
|----------------|----------------|----------------|----------------|----------------|---|---|---|---|---|---|---|---|
|                |                |                |                | b <sub>7</sub> | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
|                |                |                |                | b <sub>6</sub> | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
|                |                |                |                | b <sub>5</sub> | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
|                |                |                |                |                | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| b <sub>4</sub> | b <sub>3</sub> | b <sub>2</sub> | b <sub>1</sub> |                |   |   |   |   |   |   |   |   |
| 0              | 0              | 0              | 0              | 0              |   |   |   | 0 | ا | ذ | ـ | ء |
| 0              | 0              | 0              | 1              | 1              |   |   | ! | 1 | ء | ر | ف | آ |
| 0              | 0              | 1              | 0              | 2              |   |   | " | 2 | آ | ز | ق | ه |
| 0              | 0              | 1              | 1              | 3              |   |   | # | 3 | أ | س | ك |   |
| 0              | 1              | 0              | 0              | 4              |   |   | α | 4 | و | ش | ل |   |
| 0              | 1              | 0              | 1              | 5              |   |   | % | 5 | ا | ص | م |   |
| 0              | 1              | 1              | 0              | 6              |   |   | & | 6 | ر | ض | ن |   |
| 0              | 1              | 1              | 1              | 7              |   |   | ' | 7 | ا | ط | ه |   |
| 1              | 0              | 0              | 0              | 8              |   |   | ) | 8 | ب | ظ | و |   |
| 1              | 0              | 0              | 1              | 9              |   |   | ( | 9 | ة | ع | ى |   |
| 1              | 0              | 1              | 0              | 10             |   |   | * | : | ت | غ | ي |   |
| 1              | 0              | 1              | 1              | 11             |   |   | + | ؛ | ث | ] | " | } |
| 1              | 1              | 0              | 0              | 12             |   |   | , | > | ج | \ | " |   |
| 1              | 1              | 0              | 1              | 13             |   |   | - | = | ح | [ | = | { |
| 1              | 1              | 1              | 0              | 14             |   |   | . | < | خ | ^ | ' | - |
| 1              | 1              | 1              | 1              | 15             |   |   | / | ؟ | د | - | ' |   |

| Pos.        | Name                      | Note |
|-------------|---------------------------|------|
| <b>2/1</b>  | EXCLAMATION MARK          |      |
| <b>2/2</b>  | QUOTATION MARK, DIAERESIS |      |
| <b>2/3</b>  | NUMBER SIGN               |      |
| <b>2/4</b>  | CURRENCY SIGN             |      |
| <b>2/5</b>  | PERCENT SIGN              |      |
| <b>2/6</b>  | AMPERSAND                 |      |
| <b>2/7</b>  | APOSTROPHE                |      |
| <b>2/8</b>  | RIGHT PARENTHESIS         |      |
| <b>2/9</b>  | LEFT PARENTHESIS          |      |
| <b>2/10</b> | ASTERISK                  |      |
| <b>2/11</b> | PLUS SIGN                 |      |
| <b>2/12</b> | ARABIC COMMA              |      |
| <b>2/13</b> | MINUS SIGN                |      |
| <b>2/14</b> | FULL STOP, DECIMAL POINT  |      |
| <b>2/15</b> | SOLIDUS, DIVISION SIGN    |      |
| <b>3/0</b>  | DIGIT ZERO                |      |
| <b>3/1</b>  | DIGIT ONE                 |      |
| <b>3/2</b>  | DIGIT TWO                 |      |
| <b>3/3</b>  | DIGIT THREE               |      |
| <b>3/4</b>  | DIGIT FOUR                |      |
| <b>3/5</b>  | DIGIT FIVE                |      |
| <b>3/6</b>  | DIGIT SIX                 |      |
| <b>3/7</b>  | DIGIT SEVEN               |      |
| <b>3/8</b>  | DIGIT EIGHT               |      |
| <b>3/9</b>  | DIGIT NINE                |      |
| <b>3/10</b> | COLON                     |      |
| <b>3/11</b> | ARABIC SEMI-COLON         |      |
| <b>3/12</b> | ARABIC LESS-THAN SIGN     |      |
| <b>3/13</b> | EQUALS SIGN               |      |
| <b>3/14</b> | ARABIC GREATER-THAN SIGN  |      |
| <b>3/15</b> | ARABIC QUESTION MARK      |      |

| Pos. | Name                 | Note |
|------|----------------------|------|
| 4/0  | COMMERCIAL AT        |      |
| 4/1  | HAMZAH               |      |
| 4/2  | MADDAH ON ALEF       |      |
| 4/3  | HAMZAH ON ALEF       |      |
| 4/4  | HAMZAH ON WAW        |      |
| 4/5  | HAMZAH UNDER ALEF    |      |
| 4/6  | HAMZAH ON YA'A       |      |
| 4/7  | ALEF                 |      |
| 4/8  | BA'A                 |      |
| 4/9  | TA'A MARBUTA         |      |
| 4/10 | TA'A                 |      |
| 4/11 | THA'A                |      |
| 4/12 | JEEM                 |      |
| 4/13 | HA'A                 |      |
| 4/14 | KHA'A                |      |
| 4/15 | DAL                  |      |
| 5/0  | THAL                 |      |
| 5/1  | RA                   |      |
| 5/2  | ZAIN                 |      |
| 5/3  | SEEN                 |      |
| 5/4  | SHEEN                |      |
| 5/5  | SAD                  |      |
| 5/6  | DAD                  |      |
| 5/7  | TAH                  |      |
| 5/8  | DHAH                 |      |
| 5/9  | AIN                  |      |
| 5/10 | GHAIN                |      |
| 5/11 | RIGHT SQUARE BRACKET |      |
| 5/12 | REVERSE SOLIDUS      |      |
| 5/13 | LEFT SQUARE BRACKET  |      |
| 5/14 | UPWARD ARROW HEAD    |      |
| 5/15 | UNDERLINE            |      |

| Pos. | Name                                    | Note |
|------|---|------|
| 6/0  | TATWEEL                                 |      |
| 6/1  | FA                                      |      |
| 6/2  | QAF                                     |      |
| 6/3  | CAF                                     |      |
| 6/4  | LAM                                     |      |
| 6/5  | MEEM                                    |      |
| 6/6  | NOON                                    |      |
| 6/7  | HA                                      |      |
| 6/8  | WAW                                     |      |
| 6/9  | ALEF MAQSURA                            |      |
| 6/10 | YA                                      |      |
| 6/11 | FAT'HATAN                               |      |
| 6/12 | DAMMATAN                                |      |
| 6/13 | KASRATAN                                |      |
| 6/14 | FAT'HA                                  |      |
| 6/15 | DAMMAH                                  |      |
| 7/0  | KASRAH                                  |      |
| 7/1  | SHADDAH                                 |      |
| 7/2  | SUKUN                                   |      |
| 7/3  | <i>This position shall not be used</i>  |      |
| 7/4  | <i>This position shall not be used</i>  |      |
| 7/5  | <i>This position shall not be used</i>  |      |
| 7/6  | <i>This position shall not be used</i>  |      |
| 7/7  | <i>This position shall not be used</i>  |      |
| 7/8  | <i>This position shall not be used</i>  |      |
| 7/9  | <i>This position shall not be used</i>  |      |
| 7/10 | <i>This position shall not be used.</i> |      |
| 7/11 | RIGHT CURLY BRACKET                     |      |
| 7/12 | VERTICAL LINE                           |      |
| 7/13 | LEFT CURLY BRACKET                      |      |
| 7/14 | OVERLINE                                |      |