

Title: Graphic representation of the Roadmap to the SMP, Plane 1 of the UCS

Source: Ad hoc group on Roadmap

Status: Expert contribution

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Action: For confirmation by ISO/IEC JTC1/SC2/WG2

Replaces: N2214

The following tables comprise a real-size map of Plane 1, the SMP (Secondary Multilingual Plane) of the UCS (Universal Character Set). To print the HTML document it may be necessary to set the print percentage to 90% as the tables are wider than A4 or US Letter paper. The tables are formatted to use the Times font.

The following conventions are used in the table to help the user identify the status of the proposals here (colours can be seen in the updated HTML version of this document, <http://www.egt.ie/standards/iso10646/plane1-roadmap-table.html>). The PDF version of this document <http://www.dkuug.dk/jtc1/sc2/wg2/docs/n2314.pdf> is probably more convenient for printing.

- **Bold text** indicates an allocated (i.e. published) character collection (none as yet in Plane 1).
- **(Bold text between parentheses)** indicates scripts which have been accepted for processing toward inclusion in the standard.
- **(Text between parentheses)** indicates scripts for which proposals have been submitted to WG2 or the UTC.
- **¿Text between question marks?** indicates scripts for which detailed proposals have not yet been written.
- **???** in a block indicates that no suggestion has been made regarding the block allocation.

NOTE: With regard to the revision practice employed in this document, when scripts are actually proposed to WG2 or to the UTC, the practice is to "front" them in the zones to which they are tentatively allocated, and to adjust the block size with regard to the allocation proposed.

The size and location of the unallocated script blocks are merely proposals based on the current state of planning. The size and location of a script may change during final allocation of the script.

NOTE: As far as is possible, half-row (128) and four-row (1024) boundaries are observed in planning.

Some scripts have been investigated and unified with existing encoded scripts.

- Jiaguwen (Bone and Shell) script is unified with CJK
- Christian Sogdian and Manichaean are unified with Syriac
- Middle Persian, Parthian, and Sogdian are unified with Aramaic

Some scripts have been investigated and rejected as unsuitable for encoding at the present state of knowledge about them.

- [Proto-Sinaitic](#)
- [Phaistos](#)

For several scripts there is not enough data to make much of a guess as to where they might go:

- Sidetic
- Tamil Granta (probably extension of Tamil)
- Tartaria (Romanian ideographs)

Plane 1 is tentatively mapped out to the following zones.

00010000-000102FF Aegean scripts
 00010300-000107FF Alphabetic and syllabic LTR scripts
 00010800-00010FFF Alphabetic and syllabic RTL scripts
 00011000-000117FF Brahmic scripts
 00011800-00011FFF African and other syllabic scripts
 00012000-000127FF Scripts for invented languages
 00012800-00012DFF Cuneiform and other Near Eastern scripts
 00012E00-000133FF Undeciphered scripts
 00013400-00013FFF North American ideographs and pictograms
 00014000-00016BFF Egyptian and Mayan hieroglyphs
 00016C00-00016FFF Sumerian pictograms
 00017000-0001B3FF Large Asian scripts
 0001B400-0001CFFF unassigned
 0001D000-0001FFFF Notational systems

This document is being maintained and updated as a service to ISO/IEC JTC1/SC2/WG2 and the Unicode Technical Committee. Versions formally submitted to WG2 contain a document number in the header. The most recent WG2 document is available on the WG2 website, as [N2314](#).

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|----|----------------------|---|----------|--------------|--------------|----------|-----|--------------------|----------------------|---|---|------------|-----|-----|-----|---|
| 00 | (Aegean Numbers) | | | | (Linear A) | | | | | | | | | | | |
| 01 | (Linear A) | | | | | | | | | | | | ??? | ??? | ??? | |
| 02 | (Linear B Syllabary) | | | | | | ??? | ??? | (Linear B Ideograms) | | | | | | | |
| 03 | (Etruscan) | | (Gothic) | | (Old Permic) | | | (Old Persian Cun.) | | | | (Ugaritic) | | ??? | ??? | |
| 04 | (Deseret) | | | | (Osmanya) | | ??? | (Pollard Phonetic) | | | | (Shavian) | | | | |
| 05 | ¿Cypro-Minoan? | | | ¿Iberian? | | ¿Lycian? | | ¿Orkhon/Yenisei? | | | | ??? | ??? | ??? | ??? | |
| 06 | ¿Elbasan? | | | ¿Büthakukye? | | ??? | | ¿Bassa? | | | | ??? | | | | |
| 07 | ??? | | | | | | | | ??? | | | | | | | |

| | | | | | | | | | | | | | | |
|----|-----------------------------|------------|------------|-----------|----------------|--------------|------------------------------|-------------|------------|-----|-----|-----|-----|-----|
| 08 | (Cypriot) | | (Meroitic) | (Balti) | (S.Arabian) | ¿N.Arabian? | ¿Palmyrene? | ¿Nabataean? | | | | | | |
| 09 | ¿Carian? | ¿Numidian? | ¿Lydian? | ¿Elymaic? | | ¿Uighur? | | | ??? | ??? | | | | |
| 0A | ¿Kharoshthi? | | | ¿Hatran? | ¿Proto-Byblic? | | | | | ??? | | | | |
| 0B | ¿Proto-Elamite? | | | | | | | | | | | | | |
| 0C | ¿Proto-Elamite? | | | | | | | | | | | | | |
| 0D | ??? | | | | | | | ??? | | | | | | |
| 0E | ??? | | | | | | | ??? | | | | | | |
| 0F | ??? | | | | | | | ??? | | | | | | |
| 10 | (Brahmi) | | ??? | ??? | ??? | ¿Pyu? | | | ¿Balinese? | | | | | |
| 11 | (Soyombo) | | ¿Ahom? | | | ¿Turkestani? | | | | | ??? | ??? | | |
| 12 | ¿Kaithi? | | | ??? | ??? | ¿Rejang? | | | | | ??? | ??? | | |
| 13 | ¿Landa? | | | ??? | ??? | ¿Modi? | | | | | ??? | ??? | | |
| 14 | ¿Chalukya (Box-Headed)? | | | ??? | ??? | ¿Chola? | | | | | ??? | ??? | | |
| 15 | ¿Sativahana? | | | ??? | ??? | ¿Takri? | | | | | ??? | ??? | | |
| 16 | ??? | | | | | | | ??? | | | | | | |
| 17 | ??? | | | | | | | ??? | | | | | | |
| 18 | ¿Vai? | | | | | | | | | | | | | |
| 19 | ¿Bamum? | | | | | | | | | | | | | |
| 1A | ¿Bamum? | | | | | | | | | | | | | |
| 1B | ¿Paucartambo? | | | | | | | | | | | | | |
| 1C | ¿Paucartambo? | | | | | | | | | | | | | |
| 1D | ¿Chinook? | ??? | ??? | ??? | ??? | ??? | ¿Woleai/Caroline? | | | | | ??? | | |
| 1E | ¿Shorthands? | | | | | | | | | | | | | |
| 1F | ??? | | | | | | | | | | | | | |
| 20 | (Tengwar) | | | | | | | (Cirth) | | | | | | |
| 21 | (pIqaD) | ¿Aiha? | | | ??? | ??? | ??? | ??? | ??? | ??? | ??? | ??? | ??? | ??? |
| 22 | (Blissymbols) | | | | | | | | | | | | | |
| 23 | (Blissymbols) | | | | | | | | | | | | | |
| 24 | (Blissymbols) | | | | | | | | | | | | | |
| 25 | (Blissymbols) | | | | | | | | | | | | | |
| 26 | ¿Blissymbol Extensions? | | | | | | | | | | | | | |
| 27 | ??? | | | | | | | | | | | | | |
| 28 | ¿Sumero-Akkadian Cuneiform? | | | | | | | | | | | | | |
| 29 | ¿Sumero-Akkadian Cuneiform? | | | | | | | | | | | | | |
| 2A | ¿Sumero-Akkadian Cuneiform? | | | | | | | | | | | | | |
| 2B | ¿Sumero-Akkadian Cuneiform? | | | | | | | | | | | | | |
| 2C | ¿Sumero-Akkadian Cuneiform? | | | ??? | ??? | ??? | | | | | | | | |
| 2D | ??? | ??? | ??? | ??? | ??? | ??? | ¿Hittite Hieroglyphs/Luvian? | | | | | | | |
| 2E | (Indus) | | | | | | | | | | | | | |
| 2F | (Indus) | | | | | | | ??? | ??? | ??? | ??? | ??? | ??? | ??? |
| 30 | ¿Rongorongo? | | | | | | | | | | | | | |
| 31 | ¿Rongorongo? | | | | | | | | | | | | | |
| 32 | ¿Rongorongo? | | | | | | | | | | | | | |
| 33 | ¿Rongorongo? | | | ??? | ??? | ??? | ??? | | | | | | | |
| 34 | ¿Aymara Ideographs? | | | | | | | | | | | | | |
| 35 | ¿Aymara Ideographs? | | | | | | | | | | | | | |
| 36 | ¿Aymara Ideographs? | | | | | | | | | | | | | |
| 37 | ¿Aymara Ideographs? | | | | | | | | | | | | | |
| 38 | ¿Aztec Pictograms? | | | | | | | | | | | | | |
| 39 | ¿Aztec Pictograms? | | | | | | | | | | | | | |
| 3A | ¿Aztec Pictograms? | | | | | | | | | | | | | |
| 3B | ¿Aztec Pictograms? | | | | | | | | | | | | | |
| 3C | ¿Kauder/Micmac? | | | | | | | | | | | | | |
| 3D | ¿Kauder/Micmac? | | | | | | | | | | | | | |

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|----|-----------------------------------|-----|-----|-----|-----|-----|-----|
| 3E | ??? | | | | | | ??? |
| 3F | ??? | | | | | | ??? |
| 40 | (Basic Egyptian Hieroglyphs) | | | | | | |
| 41 | (Basic Egyptian Hieroglyphs) | | | | | | |
| 42 | (Basic Egyptian Hieroglyphs) | | | | | | |
| 43 | (Alt. Form) | ??? | ??? | ??? | ??? | ??? | ??? |
| 44 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 45 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 46 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 47 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 48 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 49 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4A | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4B | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4C | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4D | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4E | (Egyptian Hieroglyphs Extended) | | | | | | |
| 4F | (Egyptian Hieroglyphs Extended) | | | | | | |
| 50 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 51 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 52 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 53 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 54 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 55 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 56 | (Egyptian Hieroglyphs Extended) | | | | | | |
| 57 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 58 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 59 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5A | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5B | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5C | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5D | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5E | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 5F | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 60 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 61 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 62 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 63 | ¿Egyptian Hieroglyphs Extended-A? | | | | | | |
| 64 | ¿Mayan Hieroglyphs? | | | | | | |
| 65 | ¿Mayan Hieroglyphs? | | | | | | |
| 66 | ¿Mayan Hieroglyphs? | | | | | | |
| 67 | ¿Mayan Hieroglyphs? | | | | | | |
| 68 | ¿Mayan Hieroglyphs? | | | | | | |
| 69 | ??? | | | | | | ??? |
| 6A | ??? | | | | | | ??? |
| 6B | ??? | | | | | | ??? |
| 6C | ¿Sumerian Pictograms? | | | | | | |
| 6D | ¿Sumerian Pictograms? | | | | | | |
| 6E | ¿Sumerian Pictograms? | | | | | | |
| 6F | ¿Sumerian Pictograms? | | | | | | |
| 70 | ¿Tangut Ideographs? | | | | | | |
| 71 | ¿Tangut Ideographs? | | | | | | |
| 72 | ¿Tangut Ideographs? | | | | | | |
| 73 | ¿Tangut Ideographs? | | | | | | |

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| 74 | | ¿Tangut Ideographs? |
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| 78 | | ¿Tangut Ideographs? |
| 79 | | ¿Tangut Ideographs? |
| 7A | | ¿Tangut Ideographs? |
| 7B | | ¿Tangut Ideographs? |
| 7C | | ¿Tangut Ideographs? |
| 7D | | ¿Tangut Ideographs? |
| 7E | | ¿Tangut Ideographs? |
| 7F | | ¿Tangut Ideographs? |
| 80 | | ¿Tangut Ideographs? |
| 81 | | ¿Tangut Ideographs? |
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| 86 | | ¿Tangut Ideographs? |
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| 88 | | ¿Tangut Ideographs? |
| 89 | | ¿Tangut Ideographs? |
| 8A | ??? | ??? |
| 8B | ??? | ??? |
| 8C | | ¿Kitan Small Script? |
| 8D | ¿Kitan Small Script? | ¿Kitan Large Script? |
| 8E | | ¿Kitan Large Script? |
| 8F | | ¿Kitan Large Script? |
| 90 | | ¿Kitan Large Script? |
| 91 | | ¿Kitan Large Script? |
| 92 | | ¿Kitan Large Script? |
| 93 | | ¿Kitan Large Script? |
| 94 | | ¿Kitan Large Script? |
| 95 | | ¿Kitan Large Script? |
| 96 | | ¿Kitan Large Script? |
| 97 | | ¿Kitan Large Script? |
| 98 | | ¿Kitan Large Script? |
| 99 | | ¿Kitan Large Script? |
| 9A | | ¿Kitan Large Script? |
| 9B | | ¿Kitan Large Script? |
| 9C | | ¿Kitan Large Script? |
| 9D | | ¿Kitan Large Script? |
| 9E | | ¿Kitan Large Script? |
| 9F | | ¿Kitan Large Script? |
| A0 | | ¿Jurchin? |
| A1 | | ¿Jurchin? |
| A2 | | ¿Jurchin? |
| A3 | | ¿Jurchin? |
| A4 | | ¿Jurchin? |
| A5 | | ¿Jurchin? |
| A6 | ??? | ??? |
| A7 | ??? | ??? |
| A8 | | ¿Naxi Phonetics? |
| A9 | | ¿Naxi Phonetics? |

| | | |
|----|-------------------------------------|-------------------|
| AA | | ¿Naxi Ideographs? |
| AB | | ¿Naxi Ideographs? |
| AC | | ¿Naxi Ideographs? |
| AD | | ¿Naxi Ideographs? |
| AE | | ¿Naxi Ideographs? |
| AF | | ¿Naxi Ideographs? |
| B0 | | ¿Naxi Ideographs? |
| B1 | ??? | ??? |
| B2 | ??? | ??? |
| B3 | ??? | ??? |
| B4 | ??? | ??? |
| B5 | ??? | ??? |
| B6 | ??? | ??? |
| B7 | ??? | ??? |
| B8 | ??? | ??? |
| B9 | ??? | ??? |
| BA | ??? | ??? |
| BB | ??? | ??? |
| BC | ??? | ??? |
| BD | ??? | ??? |
| BE | ??? | ??? |
| BF | ??? | ??? |
| C0 | ??? | ??? |
| C1 | ??? | ??? |
| C2 | ??? | ??? |
| C3 | ??? | ??? |
| C4 | ??? | ??? |
| C5 | ??? | ??? |
| C6 | ??? | ??? |
| C7 | ??? | ??? |
| C8 | ??? | ??? |
| C9 | ??? | ??? |
| CA | ??? | ??? |
| CB | ??? | ??? |
| CC | ??? | ??? |
| CD | ??? | ??? |
| CE | ??? | ??? |
| CF | ??? | ??? |
| D0 | (Byzantine Musical Symbols) | |
| D1 | (Musical Symbols) | |
| D2 | ??? | ??? |
| D3 | ??? | ??? |
| D4 | (Mathematical Alphanumeric Symbols) | |
| D5 | (Mathematical Alphanumeric Symbols) | |
| D6 | (Mathematical Alphanumeric Symbols) | |
| D7 | (Mathematical Alphanumeric Symbols) | |
| D8 | ¿Sutton SignWriting? | |
| D9 | ¿Sutton SignWriting? | |
| DA | ¿Sutton SignWriting? | |
| DB | ¿Sutton SignWriting? | |
| DC | ??? | ??? |
| DD | ??? | ??? |
| DE | ??? | ??? |
| DF | ??? | ??? |

| | | |
|----|-----|-----|
| E0 | ??? | ??? |
| E1 | ??? | ??? |
| E2 | ??? | ??? |
| E3 | ??? | ??? |
| E4 | ??? | ??? |
| E5 | ??? | ??? |
| E6 | ??? | ??? |
| E7 | ??? | ??? |
| E8 | ??? | ??? |
| E9 | ??? | ??? |
| EA | ??? | ??? |
| EB | ??? | ??? |
| EC | ??? | ??? |
| ED | ??? | ??? |
| EE | ??? | ??? |
| EF | ??? | ??? |
| F0 | ??? | ??? |
| F1 | ??? | ??? |
| F2 | ??? | ??? |
| F3 | ??? | ??? |
| F4 | ??? | ??? |
| F5 | ??? | ??? |
| F6 | ??? | ??? |
| F7 | ??? | ??? |
| F8 | ??? | ??? |
| F9 | ??? | ??? |
| FA | ??? | ??? |
| FB | ??? | ??? |
| FC | ??? | ??? |
| FD | ??? | ??? |
| FE | ??? | ??? |
| FF | ??? | ??? |

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