

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation Internationale de Normalisation
Международная организация по стандартизации

Doc Type: Working Group Document**Title: On encoding the Deseret script in Plane 1 of the UCS****Source: Michael Everson****Status: Expert Contribution****Action: For consideration by JTC1/SC2/WG2****Date: 1998-10-16**

With regard to the proposal made by John Jenkins to encode the Deseret script in the UCS (<http://www.unicode.org/pending/deseret/Proposal.html>), it is my view that the proposal is thorough and accurate, and should be accepted by WG2.

However, the proposal orders the characters with all the capital letters first, then all the small letters, encoding the characters in parallel, leaving 10 spaces empty in two columns (20 cells in all).

As we know from the Roadmap, even a column in Plane 1 may be precious because we are planning to add many small scripts there. It is therefore proposed here that the capital and small letters be interleaved, preserving the order, but saving an entire column (only 4 cells are empty).

The code table and names are attached in the format required for ISO/IEC 10646. As indicated in the Roadmap, positions 0001 1000 – 0001 104F are proposed for Deseret.

TABLE XX - Row 10: DESERET

	100	101	102	103	104
0	᠎	᠎	᠎	᠎	᠎
1	᠎	᠎	᠎	᠎	᠎
2	᠎	᠎	᠎	᠎	᠎
3	᠎	᠎	᠎	᠎	᠎
4	᠎	᠎	᠎	᠎	᠎
5	᠎	᠎	᠎	᠎	᠎
6	᠎	᠎	᠎	᠎	᠎
7	᠎	᠎	᠎	᠎	᠎
8	᠎	᠎	᠎	᠎	᠎
9	᠎	᠎	᠎	᠎	᠎
A	᠎	᠎	᠎	᠎	᠎
B	᠎	᠎	᠎	᠎	᠎
C	᠎	᠎	᠎	᠎	
D	᠎	᠎	᠎	᠎	
E	᠎	᠎	᠎	᠎	
F	᠎	᠎	᠎	᠎	

G = 00
P = 01

TABLE XX - Row 10: DESERET

dec	hex	Name
000	00	DESERET CAPITAL LETTER LONG I
001	01	DESERET SMALL LETTER LONG I
002	02	DESERET CAPITAL LETTER LONG E
003	03	DESERET SMALL LETTER LONG E
004	04	DESERET CAPITAL LETTER LONG A
005	05	DESERET SMALL LETTER LONG A
006	06	DESERET CAPITAL LETTER LONG AH
007	07	DESERET SMALL LETTER LONG AH
008	08	DESERET CAPITAL LETTER LONG O
009	09	DESERET SMALL LETTER LONG O
010	0A	DESERET CAPITAL LETTER LONG OO
011	0B	DESERET SMALL LETTER LONG OO
012	0C	DESERET CAPITAL LETTER SHORT I
013	0D	DESERET SMALL LETTER SHORT I
014	0E	DESERET CAPITAL LETTER SHORT E
015	0F	DESERET SMALL LETTER SHORT E
016	10	DESERET CAPITAL LETTER SHORT A
017	11	DESERET SMALL LETTER SHORT A
018	12	DESERET CAPITAL LETTER SHORT AH
019	13	DESERET SMALL LETTER SHORT AH
020	14	DESERET CAPITAL LETTER SHORT O
021	15	DESERET SMALL LETTER SHORT O
022	16	DESERET CAPITAL LETTER SHORT OO
023	17	DESERET SMALL LETTER SHORT OO
024	18	DESERET CAPITAL LETTER AY
025	19	DESERET SMALL LETTER AY
026	1A	DESERET CAPITAL LETTER OW
027	1B	DESERET SMALL LETTER OW
028	1C	DESERET CAPITAL LETTER WU
029	1D	DESERET SMALL LETTER WU
030	1E	DESERET CAPITAL LETTER YEE
031	1F	DESERET SMALL LETTER YEE
032	20	DESERET CAPITAL LETTER H
033	21	DESERET SMALL LETTER H
034	22	DESERET CAPITAL LETTER PEE
035	23	DESERET SMALL LETTER PEE
036	24	DESERET CAPITAL LETTER BEE
037	25	DESERET SMALL LETTER BEE
038	26	DESERET CAPITAL LETTER TEE
039	27	DESERET SMALL LETTER TEE
040	28	DESERET CAPITAL LETTER DEE
041	29	DESERET SMALL LETTER DEE
042	2A	DESERET CAPITAL LETTER CHEE
043	2B	DESERET SMALL LETTER CHEE
044	2C	DESERET CAPITAL LETTER JEE
045	2D	DESERET SMALL LETTER JEE
046	2E	DESERET CAPITAL LETTER KAY
047	2F	DESERET SMALL LETTER KAY
048	30	DESERET CAPITAL LETTER GAY
049	31	DESERET SMALL LETTER GAY
050	32	DESERET CAPITAL LETTER EF
051	33	DESERET SMALL LETTER EF
052	34	DESERET CAPITAL LETTER VEE
053	35	DESERET SMALL LETTER VEE
054	36	DESERET CAPITAL LETTER ETH
055	37	DESERET SMALL LETTER ETH
056	38	DESERET CAPITAL LETTER THEE
057	39	DESERET SMALL LETTER THEE
058	3A	DESERET CAPITAL LETTER ES
059	3B	DESERET SMALL LETTER ES
060	3C	DESERET CAPITAL LETTER ZEE
061	3D	DESERET SMALL LETTER ZEE
062	3E	DESERET CAPITAL LETTER ESH
063	3F	DESERET SMALL LETTER ESH
064	40	DESERET CAPITAL LETTER ZHEE
065	41	DESERET SMALL LETTER ZHEE
066	42	DESERET CAPITAL LETTER ER
067	43	DESERET SMALL LETTER ER
068	44	DESERET CAPITAL LETTER EL
069	45	DESERET SMALL LETTER EL
070	46	DESERET CAPITAL LETTER EM
071	47	DESERET SMALL LETTER EM
072	48	DESERET CAPITAL LETTER EN
073	49	DESERET SMALL LETTER EN
074	4A	DESERET CAPITAL LETTER ENG
075	4B	DESERET SMALL LETTER ENG
076	4C	(This position shall not be used)
077	4D	(This position shall not be used)
078	4E	(This position shall not be used)
079	4F	(This position shall not be used)

dec	hex	Name