

Universal Multiple-Octet Coded Character Set International Organization for Standardization

Doc Type: ISO/IEC JTC1/SC2/WG2/IRG

Title: UTC Review Comments on CJK Working Set 2015 v1.1 (IRG N2133)

Source: Unicode Consortium

Status: Liaison Contribution

Action: For consideration by IRG

Date: 2016-02-12

The following are the UTC's comments on CJK Working Set 2015 Version 1.1 (aka IRG N2133), with a particular focus on serial numbers 04320 through 05547 (Radicals 163 through 214 on pp 480 through 617).

The following table includes general comments:

Serial Number	Source Reference	Comments
00017	G_Z4262303	Change the indexing radical to Radical #86; change the number of remaining strokes from 6 to 3
00019	GHZ10115.08	Change the indexing radical to Radical #13; change the number of remaining strokes from 7 to 6
00021	G_PGLG1003	Change the indexing radical to Radical #120.1; change the number of remaining strokes from 7 to 5
00022	G_Z2542101	Change the indexing radical to Radical #7; change the number of remaining strokes from 8 to 7
00023	GHZ10027.12	Change the indexing radical to Radical #37; change the number of remaining strokes from 8 to 6
00030	G_Z4921301	Change the indexing radical to Radical #4
00031	G_Z1252504	Change the indexing radical to Radical #30; change the number of remaining strokes from 10 to 8
00032	G_Z1552303	Change the indexing radical to Radical #15; change the number of remaining strokes from 10 to 9
00033	G_Z0971302	Change the indexing radical to Radical #30; change the number of remaining strokes from 11 to 9
00038	G_Z2161301	Change the indexing radical to Radical #94; change the number of remaining strokes from 12 to 10
00055	G_Z3742301	Change the indexing radical to Radical #61; change the number of remaining strokes from 6 to 3
00059	G_Z4832302	Change the indexing radical to Radical #96; change the number of remaining strokes from 6 to 3
00064	G_Z3472102	Change the indexing radical to Radical #29; change the number of remaining strokes from 12 to 11
00066	G_Z4632101	Change the indexing radical to Radical #194; change the number of remaining strokes from 14 to 7
00069	UTC-02765	Change the indexing radical to Radical #4

Serial Number	Source Reference	Comments
00109	UTC-02933	Consider changing the indexing radical to Radical #42; if so, change the number of remaining strokes from 1 to -1; candidate for multiple radical/stroke values
00110	UTC-02934	Consider changing the indexing radical to Radical #42; if so, change the number of remaining strokes from 1 to -1; candidate for multiple radical/stroke values
00111	UTC-02931	Consider changing the indexing radical to Radical #85; if so, change the number of remaining strokes from 1 to -2; candidate for multiple radical/stroke values
00112	UTC-02932	Consider changing the indexing radical to Radical #85; if so, change the number of remaining strokes from 2 to -1; candidate for multiple radical/stroke values
00254	GHZ10281.03	Remove; unifiable with Extension F U+2D012 (KC-00234)
00384	UTC-01600	Remove; unifiable with Extension C U+2A7CA
00931	USAT08293	Remove; unifiable with Extension F U+2D4ED (KC-07003)
00986	UTC-01422	Remove; unifiable with Extension F U+2E679 (JMJ-058783)
01082	KC-01071	According to the evidence, its upper-right component (Radical #46) is missing; change number of remaining strokes from 22 to 23; current glyph unifiable with URO U+5DD7
01872	UTC-02847	The number of remaining strokes should be set to 9
01988	T13-2C5E	Remove; unifiable with Extension F U+2DC1C (JMJ-057948)
02094	KC-05254	Although unifiable with 02081 (TB-7142), the IDS is incorrect in terms of its upper-right component
02164	UTC-01260	Change the indexing radical to Radical #44; change the number of remaining strokes from 4 to 5
02298	T13-2D56	Change the indexing radical to Radical #170; change the number of remaining strokes from 16 to 17
02307	UTC-01450	Change the indexing radical to Radical #29
02776	T13-2F35	The hook at the bottom of the vertical stroke of the upper-left component breaks regional conventions, and the evidence is not clear enough to warrant the hook
02960	UTC-01284	Change the indexing radical to Radical #172; change the number of remaining strokes from 17 to 15
03531	T13-3057	Remove; unifiable with Extension F U+2E3A3 (JMJ-058438)
03845	T13-3077	Change the indexing radical to Radical #149.1
04326	T13-313F	Change number of remaining strokes from 4 to 3
04358	T13-3142	The lack of bottom terminals of the 4th and 5th strokes of the left component breaks regional conventions, and the evidence is not clear enough to warrant the lack of terminals
04583	G_Z4132502	Change number of remaining strokes from 4 to 3
04743	KC-04438	The four short diagonal strokes in the upper-left component (Radical #173) break regional conventions
04872	G_Z4871501	Change the indexing radical to Radical #91 (see 04392 G_Z1562501)
05024	G_Z0011502	The top of the left component (Radical #188) doesn't match the evidence, and breaks regional conventions
05027	G_Z1972101	The top of the left component (Radical #188) doesn't match the evidence, and breaks regional conventions
05029	G_Z1772203	The top of the left component (Radical #188) doesn't match the evidence, and breaks regional conventions
05030	G_Z3621104	The top of the left component (Radical #188) doesn't match the evidence, and breaks regional conventions
05057	KC-04669	Remove; unifiable with Extension E U+2CD34
05084	T13-3156	The evidence suggests that the indexing radical should be Radical #73; change the number of remaining strokes from 4 to 8.
05397	GHZ84912.16	Change the number of remaining strokes from 11 to 7
05411	GHZ84902.05	Remove; unifiable with Extension F U+2EB90 (JMJ-060365)

One additional general comment is that a large number of G-source characters appear to be classified under an incorrect indexing radical, and only a small number of cases are reported in this document. The UTC recommends that China revisit the indexing radical assignments for its characters.

The following table lists 53 character pairs and one character triplet that can be merged into a single character because they are identical or unifiable:

Serial Number	Source Reference	Serial Number	Source Reference	Serial Number	Source Reference
00079	GHZ10061.20	00081	USAT08792		
00291	GHZ10029.13	02523	T13-2E34		
00521	G_Z2411502	00522	UTC-00987		
00537	G_Z4941101	00538	UTC-02769		
00703	KC-00625	00705	UTC-01205		
00729	USAT06429	00731	UTC-01211		
00767	KC-00724	00771	UTC-01220		
00853	USAT06750	00854	UTC-01357		
00945	KC-00886	00946	USAT06108		
01051	KC-00990	01053	USAT05157		
01228	G_Z2772501	01232	UTC-01011		
01531	KC-01500	01532	UTC-01340		
01749	G_Z4111103	01751	UTC-02861		
01865	GHZ42321.07	01866	USAT05642		
01990	GHZ31737.07	01993	UTC-01240		
02014	USAT06349	02015	T13-2C6E		
02081	TB-7142	02094	KC-05254		
02183	USAT07218	02188	UTC-02652		
02267	T13-2D51	02268	UTC-01274		
02313	GHZ31305.04	02314	USAT10441		
02318	GHZ42181.08	02319	T13-2D5C		
02413	G_Z0211401	02416	USAT07088	02427	T13-2D71
02414	GHZ31449.10	02418	UTC-01769		
02438	T13-2D77	02439	UTC-01540		
02493	GHZ21218.06	02494	UTC-02646		
02529	GHZ52762.06	02530	UTC-02659		
02533	GHZ10045.11	02534	T13-2E38		
02559	GHZ52716.11	02561	T13-2E44		
02583	T13-2E4B	02587	GHZ52734.02		
02692	GHZ52716.02	02693	T13-2E78		
02738	GHZ52658.04	02739	T13-2F2B		
02768	GHZ52680.10	02769	T13-2F32		
02776	GHZ52684.18	02778	T13-2F35		
02782	KC-02862	02784	UTC-02658		
02815	T13-2F41	02817	USAT06482		
02974	G_Z2242305	02976	KC-03052		
02978	GHZ52784.07	02979	T13-2F69		
03032	GHZ52917.08	03033	USAT07062		

Serial Number	Source Reference	Serial Number	Source Reference	Serial Number	Source Reference
03046	T13-2F7D	03048	GHZ52925.13		
03074	GHZ52905.02	03075	T13-302A		
03158	USAT04879	03159	T13-3037		
03339	T13-303F	03344	USAT08448		
03556	USAT90299	03557	UTC-02629		
03592	G_PGLG2020	03595	UTC-01963		
03867	G_Z1772305	03868	UTC-02808		
04019	GHZ73893.04	04020	T13-312C		
04266	USAT08520	04267	T13-3133		
04621	G_Z2382304	04622	UTC-02194		
04652	T13-3145	04662	GHZ74447.03		
04689	T13-3148	04693	GHZ74472.02		
04796	USAT90300	04797	T13-314C		
05038	GHZ84895.21	05039	T13-3153		
05093	USAT10123	05096	GHZ84996.07		
05417	GHZ84903.24	05419	UTC-02820		

The following 52 characters were intentionally included in the UTC's submission (IRG N2091R), and can be removed because they are now safely in Extension F:

Serial Number	Source Reference	Extension F (IRG N2130)	Extension F Serial Number
02149	UTC-01029	U+2DD05	04202
02971	UTC-01041	U+2E0BE	05288
02476	UTC-01084	U+2DE61	04584
03253	UTC-01087	U+2E26A	05782
03256	UTC-01088	U+2E26B	05783
03266	UTC-01089	U+2E26D	05785
03277	UTC-01090	U+2E270	05788
03279	UTC-01091	U+2E271	05789
03289	UTC-01092	U+2E273	05791
03294	UTC-01093	U+2E274	05792
03296	UTC-01094	U+2E275	05793
03311	UTC-01095	U+2E278	05796
03638	UTC-01097	U+2E430	06291
03711	UTC-01098	U+2E50B	06545
03713	UTC-01099	U+2E50E	06546
03716	UTC-01100	U+2E513	06552
03794	UTC-01101	U+2E58A	06686
03809	UTC-01102	U+2E5BA	06737
03945	UTC-01106	U+2E655	06909
03952	UTC-01107	U+2E656	06910
04211	UTC-01111	U+2E77F	07225
04215	UTC-01112	U+2E780	07226
04231	UTC-01113	U+2E783	07229
04244	UTC-01114	U+2E785	07231

Serial Number	Source Reference	Extension F (IRG N2130)	Extension F Serial Number
04245	UTC-01115	U+2E784	07230
04359	UTC-01116	U+2E829	07422
04455	UTC-01117	U+2E8FD	07653
04463	UTC-01118	U+2E8FE	07654
04493	UTC-01120	U+2E8FF	07657
04518	UTC-01121	U+2E900	07658
04544	UTC-01122	U+2E901	07660
04565	UTC-01123	U+2E902	07661
04777	UTC-01125	U+2EA00	07952
04781	UTC-01126	U+2EA01	07953
04897	UTC-01131	U+2EA67	08070
05009	UTC-01134	U+2EAAF	08147
05021	UTC-01135	U+2EAB1	08149
05043	UTC-01136	U+2EACE	08186
05161	UTC-01137	U+2EB29	08281
05165	UTC-01138	U+2EB28	08282
05172	UTC-01139	U+2EB2A	08283
05180	UTC-01140	U+2EB2B	08285
05190	UTC-01141	U+2EB2C	08286
05193	UTC-01142	U+2EB2D	08287
05201	UTC-01143	U+2EB2E	08288
05208	UTC-01144	U+2EB2F	08289
05217	UTC-01145	U+2EB30	08290
05309	UTC-01147	U+2EB71	08370
05324	UTC-01149	U+2EB72	08371
05362	UTC-01151	U+2EB74	08373
05369	UTC-01152	U+2EB76	08375
05514	UTC-01153	U+2EBE5	08501

That is all.