

Universal Multiple-Octet Coded Character Set
UCS

ISO/IEC JTC1/SC2/WG2/IRG N2375R

Date: 2019-5-10

Source:	TCA
Title:	Modify the T-glyph for U+6BD2 and U+93BF
Meeting:	IRG #52, Hong Kong
Status:	Member's Submission and Ideographic Experts
Actions required:	To be considered by IRG
Distribution:	IRG
Medium:	Electronic
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Appendix:	None

TCA found two error T-glyphs in CJK Unified Ideographs (U+6BD2 & U+93BF), which are necessary to modify. These two glyphs will be modified to the new and right T-glyph if the request been accepted by IRG.

1. U+6BD2

(1) Introduction

The current T-glyph for U+6BD2 in the code charts is shown as below.



In the code charts of CNS 11643:2007, the glyph of the T-source of U+6BD2 (i.e., T1-5175) is shown in following figure:

	512	513	514	515	516	517	522	523	524	525	526	527
0		恢 5130	指 5140	映 5150	柵 5160	柒 5170		泊 5230	狠 5240	疤 5250	看 5260	秒 5270
1	待 5121	恆 5131	拱 5141	昧 5151	柩 5161	歪 5171	洱 5221	洫 5231	狡 5241	疥 5251	盾 5261	秋 5271
2	徊 5122	恃 5132	拷 5142	是 5152	柯 5162	殃 5172	洞 5222	炫 5232	玷 5242	疚 5252	盼 5262	穿 5272
3	律 5123	恬 5133	拯 5143	星 5153	柄 5163	殆 5173	洗 5223	為 5233	珊 5243	疣 5253	眇 5263	突 5273
4	徇 5124	恫 5134	括 5144	昨 5154	柑 5164	段 5174	活 5224	炳 5234	玻 5244	癸 5254	矜 5264	竿 5274
5	後 5125	恪 5135	拾 5145	豈 5155	柎 5165	毒 5175	洽 5225	炬 5235	玲 5245	皆 5255	砂 5265	筭 5275
6	徉 5126	恤 5136	拴 5146	聆 5156	柚 5166	毗 5176	派 5226	炯 5236	珍 5246	皇 5256	研 5266	籽 5276
7	怒 5127	扁 5137	挑 5147	曷 5157	查 5167	氟 5177	洵 5227	炭 5237	珀 5247	皈 5257	砌 5267	紂 5277
8	思 5128	拜 5138	挂 5148	柿 5158	枸 5168	泉 5178	洛 5228	炸 5238	玳 5248	盈 5258	砍 5268	紅 5278

The first and second planes of CNS 11643 (character code prefixed by T1- and T2-, respectively) include all most frequently used Chinese characters that are normalized by the MOE. It means the T1-5175 is one of the normalized most frequently used Chinese character. The evidence is shown below.

殺	殼	毀	殿	毅	毆	毋	母	每	毒
102091	102092	102093	102094	102095	102096	102097	102098	102099	102100
毓	比	毗	毛	毫	毳	毳	氏	民	氏
102101	102102	102103	102104	102105	102106	102107	102108	102109	102110
氓	氛	氛	氟	氣	氧	氨	氮	氫	氫
102111	102112	102113	102114	102115	102116	102117	102118	102119	102120
氮	氫	氫	水	永	汁	汀	汜	求	汝
102121	102122	102123	102124	102125	102126	102127	102128	102129	102130
汗	汙	江	池	汐	汕	汞	沙	沁	沈
102131	102132	102133	102134	102135	102136	102137	102138	102139	102140
沉	沅	沛	汪	決	沐	汰	沌	汨	沖
102141	102142	102143	102144	102145	102146	102147	102148	102149	102150
沒	汽	沃	汲	汾	泣	注	泳	沱	泌
102151	102152	102153	102154	102155	102156	102157	102158	102159	102160
泥	河	沽	沾	沼	波	沫	法	泓	沸
102161	102162	102163	102164	102165	102166	102167	102168	102169	102170
泄	油	況	沮	泗	洄	決	沿	治	泡
102171	102172	102173	102174	102175	102176	102177	102178	102179	102180
泛	泊	泉	泰	洋	洲	洪	流	津	洌
102181	102182	102183	102184	102185	102186	102187	102188	102189	102190
洱	洞	洗	活	洽	派	洵	洛	浪	涕
102191	102192	102193	102194	102195	102196	102197	102198	102199	102200

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(Source: https://language.moe.gov.tw/001/Upload/files/SITE_CONTENT/M0001/SUNGTI/as20.htm)

Besides, in the Full Repertoire of CNS 11643(全字庫), the font of T1-5175 also shown as “毒”. See the evidence below.


 中文標準交換碼
 CNS11643 / CNS14649 / CNS14754

中 EN 網站地圖

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字型資訊

本機字型

毒
黑體

毒
楷體

毒
宋體

全字庫字型

毒
明體

毒
楷體

毒
宋體

發音/拼音

注音	注音二式	通用	漢語	耶魯	威妥瑪
ㄉㄨˊ	du2	du2	du2	du2	tu2

CNS	Unicode	BIG-5	EUC
1-5175	6BD2 毒	AC72	8EA1D1F5

部首

毋(毋)

筆劃

8
總筆劃



倉頡

手一田十 (QMWJ)

(Source: <https://www.cns11643.gov.tw/wordView.jsp?ID=86389>)

(2) Proposal

According to the fonts of T1-5175 in code chart of CNS 11643, in MOE's publication mentioned above and in the Full Repertoire of CNS 11643, TCA would like to modify the font of T-glyph of U+6BD2 shown as following. It does not need to change the RS information.

UCS	Old Glyph	New Glyph
U+6BD2		

2. U+93BF

(1) Introduction

The current T-glyph for U+93BF in the code charts is shown below.



In the code charts of CNS 11643:2007, the glyph of the T-source of U+93BF (i.e., TF-6143) is shown in following figure:

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CNS 11643, X 5012

	612	613	614	615	616	617	622	623	624	625	626	627
0		鑄 6130	鎔 6140	鑄 6150	鑄 6160	鑄 6170		鑄 6230	鑄 6240	鑄 6250	鑄 6260	鑄 6270
1	鑄 6121	鑄 6131	鑄 6141	鑄 6151	鑄 6161	鑄 6171	鑄 6221	鑄 6231	鑄 6241		鑄 6261	鑄 6271
2	鑄 6122	鑄 6132	鑄 6142		鑄 6162	鑄 6172	鑄 6222	鑄 6232	鑄 6242	鑄 6252	鑄 6262	
3	鑄 6123	鑄 6133	鑄 6143	鑄 6153	鑄 6163	鑄 6173	鑄 6223	鑄 6233	鑄 6243	鑄 6253	鑄 6263	鑄 6273
4	鑄 6124	鑄 6134	鑄 6144	鑄 6154	鑄 6164	鑄 6174	鑄 6224	鑄 6234	鑄 6244	鑄 6254	鑄 6264	鑄 6274
5	鑄 6125	鑄 6135	鑄 6145	鑄 6155	鑄 6165	鑄 6175	鑄 6225	鑄 6235	鑄 6245		鑄 6265	鑄 6275
6	鑄 6126	鑄 6136	鑄 6146	鑄 6156		鑄 6176	鑄 6226	鑄 6236	鑄 6246	鑄 6256	鑄 6266	鑄 6276
7	鑄 6127	鑄 6137	鑄 6147	鑄 6157	鑄 6167	鑄 6177	鑄 6227		鑄 6247	鑄 6257	鑄 6267	鑄 6277

Although both in the UCS code table and the CNS 11643:2007 code table, the font of TF-6143 are same, but its stroke count 16 is far from the of stroke counts 10 of the ideographs characters before and after. Therefore, verify the T-glyph in the Super CJK14.0 and U+93BF shown as “鑄”, as shown below:

093BF 58827 58827 1318.281 64242.070 金 10	G1-6F55 TF-6143	
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Based on the stroke count and the earlier glyph in SuperCJK, the glyphs of TF-6143 shown in UCS code chart and in CNS 11643 code chart are wrong. In the Full Repertoire of CNS 11643, the font of TF-6143 has been modified to “鎔”. The BMSI will correct the font of TF-6143 in next version of CNS 11643.

The screenshot shows the website interface for the character '鎔'. It includes a search bar, navigation links, and detailed character information:

- 本機字型 (Local Font):** 鎔 (黑體), 鎔 (楷體), 鎔 (宋體)
- 全字庫字型 (Full Character Library Font):** 鎔 (明體), 鎔 (楷體), 鎔 (宋體)
- 發音/拼音 (Pronunciation/Phonetic):**

注音	注音二式	通用	漢語	耶魯	威妥瑪
ㄋㄞˊ	na2	na2	na2	na2	na2
- Encoding:**

CNS	Unicode	EUC	部首
15-6143	93BF 鎔 鎔	8EAFE1C3	金(鎔)
- 筆劃 (Strokes):** 18 (總筆劃)
- 倉頡 (Cangjie):** 金人口手 (CORQ)

(Source: <https://www.cns11643.gov.tw/wordView.jsp?ID=1007939>)

(2) Proposal

As mentioned above, TCA would like to suggest to change the T-glyph of U+93BF to be “鎛”, shown as following.

UCS	Old Glyph	New Glyph
U+93BF		

(END OF DOCUMENT)