ISO/IEC JTC 1/SC 2/WG 2/IRG N2806

Date: 2025-03-09

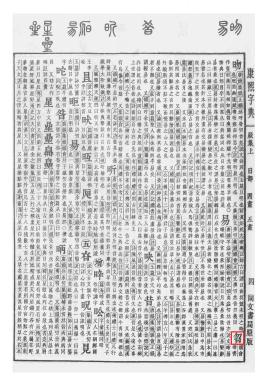
Source:	Judith Chen
Title:	Feedback on IRG N2803
Status:	Individual Contribution on IRG $\#64$
Action:	To be considered by China NB and IRG

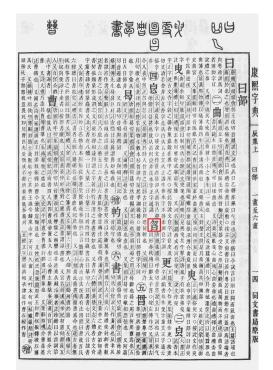
In IRG N2803, Mr. Tao Yang presented China's feedback regarding my earlier submission IRG N2788. Rather than endorsing my proposed adjustment to swap the G-source representative glyphs for U+3ADA and U+66F6, he instead advocated exchanging their G-source reference values. In this document, I will provide more information to demostrate why a simple swap of their reference values is inappropriate, and instead suggest an exchange of their representative glyphs.

The reason why China would like to keep the current G-source representative glyphs for U+3ADA and U+66F6 is unclear. I suppose that it might be related to their kIRGKangXi properties. Listed below are some Dictionary Indices properties of U+3ADA and U+66F6 in the Unihan database.

	kHanYu kIRGHanyuDaZidian	kKangXi kIRGKangXi	kMorohashi	kSBGY		
U+3ADA	21493.030	0502.080	13813	481.24		
U+66F6	21493.020	0492.020	14287	N/A		

In the *Kangxi Dictionary* (康熙字典), the 2^{nd} character on page 492 is 曶 (radical 日), while the 8^{th} character on page 502 is 曶 (radical 日), as shown below.





In the Hànyǔ Dà Zìdiǎn (汉语大字典), the 2nd character on page 1493 is 三勿日, while the 3rd character on the same page is 曶, as shown below.

> 客老子甲四一 客春秋事語九 客菜·詩·却 五 五 馬 八 谷風

(一)hūn《廣韻》呼昆切,平魂曉。諄部。

标流水人家. ❷暗,昏暗。<u>晉左思</u>《吳都賦》:"揮袖風戰,而紅塵畫 昏."<u>宋王安石</u>《車螯二首》:"清波濯其污,白日曬其昏。"

《紅樓夢》第五回: "忽喇喇似大厦傾,昏惨惨似 燈 將

❸昏情;迷乱。《書·多方》:"乃大淫昏,不克終日勤于 ●F回L起品:(書 ● 5/3/; 1)人住日,小元式日初] 帝之迪。(《新唐書·魏教傳》: "忠臣已嬰禍誅,君陷昏懇, 贵國夷家,祇取空名。"<u>清護嗣同</u>《仁學》卷上:"言儉者解 款之皆心、禽道也."

○官心、黄道也。" ④(目)不明、晉書。會精文孝王道子傳》,"<u>大元</u>以後、 為長夜之宴,蓬頭昏日,政事多開。"<u>唐韓意</u>《與崔羣書》, "目與將花,尋常閒便不分人顏色。"<u>请孔尚任</u>《桃花扇·圖 樹》,"我老服整路,早已君實了。" ④昏迷,失去知觉。《三國志•吴志•寶花傳》,"近鴻蘆

<u>葛</u>奚,先帝**蕃臣,偶**有逆迕,昏醉之言耳,三爵之後,禮所 不諱,陛下猥發雷霆,謂之輕慢, 欽之醇酒, 中毒隕令。" 《南史•劉懷珍傳附劉峻》,"時或昏睡,蘇其醫擊,及譽復 "你了。"《聊齋志異·鬼哭》;"先是,闖人王姓疾篤,昏不知人 事者數日矣。"

一月入日之,不日之口间(百),明木二月间九也。《[8] 蕾·周事傳》,"北<u>鄉侯</u>本非正統,姦臣所立,立不論戲,年 號未改,皇天不祐,大命天昏。"<u>唐柳宗元</u>《興州江運記》。 "飢饉昏礼,死後充路。"

"机爆昏礼,死徙充路。" ④ 结婚,后作"好",《正字通• 文部》,"婚,古作客。"《左 傳• 備公二十七年》,"差始得直,而新醫子衡,若伐禮衡, 逆必救之,則<u>勞未免矣。</u>"《新唐書• 突厥傳上》,"是時突 **厥再上書求略,帝未報。"** ④ 通"聞",古代守门者官名,<u>清朱駿聲</u>《說文通測定 聲• 屯部》,"管,民信為陽,《清• 大雅• 石契》,"管(昏) 塚郎共, 潰潰回道,實靖夷我邦。"<u>惠玄</u>美,"昏 (昏)、 探,」簡人、司賢(昏)展以答閉者,是皆(昏),其官名 也。"

④通"散(mǐn)"。勉力。《爾雅·釋詁》:"昏,强也。"《書· ●通"散(min)"、题刀、《霸權·釋起》; 音,強也; "雪非
「八,八工推哄,一石砾,小雨之天主,<u>砂塑垣</u>仪; 省, 《本 差质上》, "情晨自安,不管(昏)作劳,不服田畝,"<u>孔禛達</u>
平資寬為卷六九二引作劳,者,古穷之;
型資寬為卷六九二引作劳,者,古穷之;
型育吃, "管(待)、强……整玄質貨 (昏)為徵、)海教也; "港道、
①古代約名、《奇子·性恶》, "桓公之惹,大公之舅,之
型算本, "昏, 永或作散,音敏,"《三國志•魏志•武帝纪>;
"君勤分務本,着人昏作。"
①通"混(mīn)", 尽,《書•牧智》, "今直王受,惟始言是
王, 整莊王之錫名,皆未詳所出。省,刻光、紫鶯之鹿,四

用,昏(昏)棄肆祀弗答,昏棄厥遺王父母弟不迪。"王引之

姓。《集韻·圖韻》:"昏,姓也。" 的的数法

★文、日晷 《說文》,"助,尚英也,从日.勿聲." わ(《觀望》冊台切,入及曉,又文市切,新部. ●天非明而未明之时。《說文、日部》,"助,尚 英 也." 《王篇,日部》,"助,旦明也."《朱寶,勿觀》,"助,未明 也."《漢書,梦和記志工上》,"十一月辛已現已冬至,助爽, 天子始疏序卷一."通道古注,"助爽,選日尚莫、惹,明之 時也。《《文選·班团《曲通敏》,"助所都宿仰思号、心朦朦 猫本菜,"圣道注引道大室曰,"助听,最且明也。 ●昏昧,不明白。《寶雅·釋註四》,"助,愛的."王丞孫疏 慧,"助之言意也也."去麗父《樂史·前從二》,"然則書若 昭然,而今時然,何也?"<u>元辛好文</u>《感志飘》,"助敏悦而莫 過令,從之公而凝詞。"

22 同"昒".《龍龕手盤·日部》:"智",同"昒"。《正字 通•日都》:"助,移勿置日上作智,形别,義一,"《文遷·司 局相如《難蜀父老》》;"使疏迷不閉, 智爽闡昧得爛乎光 明,"李善注引<u>郭璞</u>《三蒼解詁》曰:"智,旦明也。"

《說文》。"魯.出气罰也.从曰,象气出形。《春秋傳》曰, "塵太子聲。"回,猶文智。一曰領也。象形。"段玉微注。"此 吳心昂怒音同義異。忽,忘也……今則忽行而智聲矣。" 《多劳主作也。直行的無影。"釜邇笺。 《[四]上屆象権 頭,下象方識,故以為象佩药形。"

34、「本力面: 做以4多款为形。 10《黄酮》早有切、入没服、翁郎、 ●疾;這,瞬息之间。《文遷・揚雄《羽藻赋》》。"昭光振 爆,靈智如神。"<u>李</u>著註。"雪염,疾也、含與忽同。"又《傳穀 《歸賦》》。"绥蛇始場。雪轉飄留。"李著注:"飄留,如風之 急也。"《柴歌译》。"歲在汁怡,紀醫期機,淹留藏形,凡百 威痛。"

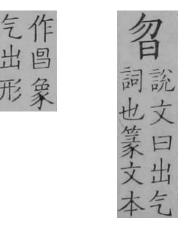
②量词。极微小的数量单位。《後漢書·律曆志中》:"夫

日都 ④画 ・1493・

In the Dai Kanwa Jiten (大漢和辞典), the character numbered 13813 is 曶 (radical 日), while the character numbered 14287 is 曶 (radical \square), as shown below.

	(1)四、司 勿。四、司 約(5-14287)は別字 我一。通」政	【加日】13813 コツ 跡(5-13812)に同じ。〔正字	摩考 日部曶(5-13813)と別字。〔康熙字典、	れ、曶は廢れた。	で象形であるとい 形に象る。ことば	る。〔集韻〕曶、籀作」回。	、 н	作"來始滑、裴駰曰、尚書滑字作」。習、音忽、音在"治忽、漢書在"治忽、漢書在"治忽、作",七始訓、史記	曰、佩也、象形。〔段注〕咎繇謨、六律五聲、やく。笏(8-25882)に通ず。〔說文〕曶、	暦志賀〕象因11物生、數1注〕師古日、名、與」2回	與」忽同。〔漢書、揚雄傳贊〕於」時人皆習」	「英曹、古今人長)中国。「主)雨七日、呂、はやい。又、かすか。忽(4-10405)に通ず。	曰、勿、象≒气出形。●ゆるがせにする。又、辭氣を發する。〔說文〕曶、出」气詞也、从」		勿日 1428 コチ (集韻)呼骨切 月。	7
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In the Song Ben Guang Yun (宋本廣韻), the 24th character on page 481 is 曶, as shown below.



According to the definition provided by the dictionaries above, we can summarize the following correspondences among these dictionaries as follows. It seems a little different from the current Unihan database.

	Kangxi	Hànyǔ	Morohashi	SBGY	Small Seal Code Chart
曶	0492.020	21493.020	13813	N/A	392B5 ^{日 231} 吻 6612 TH-04644 C-04785 K-04652 D-04630
曶	0502.080	21493.030	14287	481.24	38DA3 ≝ 151 ≝ 66F6 TH-03377 C-03487 K-03386 D-03367

Before we discuss how to solve the mismatch mentioned above, let us look back at U+3ADA and U+66F6 in the Code Charts.



G-source: We have already confirmed that the radical of G3-4753 is \square , while the radical of G3-4838 is \square , as shown below.

39	X	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	40	X	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17 18	8 19
01 ₹ 19		鈙	敖	敊	敱	敆	敽	敧	餃	較	劔	餪	敌	胶	赦	蓛	戡	敕	馘	數	01 2 19		晣	彭联	眇	肾	子村日	谠	暚	羅	暬	暵	瞟	暶	睫	曀	敬	嬰	童暗	文謈
20 ≀ 39	歉	韵	酿	和	鬫	翟	気品	这	, 〔散	(教	、半	敌	敌	敤	敜	敎	熬	枚, 灰	敕	戭	20 1 39	膀	如	影	顧	旧勿日	》(同見	睅.	影	回施	属,	贝贝	吔	购	贼	胧	胜,	作贴	句贬
40 ₹ 59	熬屎	目	旲	日山	旸	昋	岘	旿	哘	贩	畈	曶	旼	夏日	访	βþ	眜	景	眬	胪	40 ≀ 59	贩	财	販	倾	赑	脺	雳	똈	艍	喱	媆	赗	蛋!	喉	贼	膉	賢	賈愛	鶖鏠
60 ≀ 79	昳	昭	昫	眩	昲	昢	昇	呐	晅	跨	- 82	彭酸	湯	酽	哱	哲	₩Æ	阆	睃	奣	60 ≀ 79	颇	e nu	舰	舰	唲	砚	郦	親	鈪	觋	间见	靓	觌	堑	舰	视	观省	砚舄	见虢
80 ₹ 94	晽	晫	暘	昉	晶	啐	晼	晵	啸	晸	瞃	鰊	暍	睺	景						80 ≀ 94	飘	觑	觐	飙	中	判	牡	初	柿	军;	钢	汽	扮	枋	料				

H-source: The glyph of HB2-CCD1 explicitly contains \boxminus , so its radical is \boxminus .

T-source: According to <u>全字庫_CNS11643</u> and <u>異體字字</u>典, T2-2732 is from 次常用字國字標 準字體表 and corresponds to *Shuowen* ¹, so its radical is 曰; T4-2663 is from 異體國字字表 and is a variant of 昒, so its radical is 日. J-source: According to 文字情報基盤検索システム, JMJ-001583 corresponds to 13813 in 大 漢和辞典, so its radical is 日; JMJ-013487 corresponds to 14287 in 大漢和辞典, so its radical is 日.

K-source: In <u>KS X 1027-2</u> <u>확장 한자 목록 2</u>, K3-2740 is placed between 吃 and 昛, so its radical is 日.

KP-source: According to <u>KPS 10721:2000 reconstructed by Ms. CheonHyeong Sim</u>, KP1-4911 is placed between 昒 and 旻, so its radical is 日; KP1-4A21 is placed between 更 and 曷, so its radical is 日.

491_ 吻 智 旻 旼 昉 昘 盼 昔 映 昇 昌 皆 昃 吳 皈 昊 4 A 2 _ 更 智 曷 酉 書 曹 曼 曹 曾 朁 替 最 會 朄 會 朅

To sum up, the current G-source reference values for U+3ADA and U+66F6 are consistent with other sources. Therefore, I suggest keeping their source reference values, and swapping their G-source representative glyphs instead.

	G	G H T J K				KP	Radical
U+3ADA	G3-4753 曶 曶	N/A	T4-2663 曶	JMJ-001583 曶	K3-2740 曶	KP1-4911 曶	72 日
U+66F6	G3-4838 曶 曶	HB2-CCD1 曶	T2-2732 曶	JMJ-013487 曶	N/A	KP1-4A21 曶	73 日

Furthermore, as mentioned before, some of the Dictionary Indices properties of U+3ADA and U+66F6 in the Unihan database also need to be revised.

	kHanYu	kIRGHanyuDaZidian	kIRGKangXi	kKangXi	kSBGY
	21493.030	21493.030	0502.080	0502.080	481.24
U+3ADA	21493.020	21493.020	0492.020	0492.020	
	21493.020	21493.020	0492.020	0492.020	
U+66F6	21493.030	21493.030	0502.080	0502.080	481.24

In addition, since China has agreed to modify the G-source representative glyph for U+4748 to \mathfrak{M} , its kRSUnicode and kTotalStrokes properties should be updated accordingly.

	kRSUnicode	kTotalStrokes						
U+4748	152.5	12						
0+4/48	152.4	11						

(End of Document)