

# SAT Auxiliary Components for IDS Use

## 1. Introduction

This document provides the list of auxiliary components which are and will be found in SAT proposals for IRG Working Sets (WS2017 and thereafter). These components are currently unencoded in UCS, but intended to serve to improve integrity and quality of the IDS-based checking process during deliberation by IRG experts.

The document will be updated as necessary.

## 2. Nomenclature

Components are named with a convention similar to that of IRGN2225, namely:

SAT-**X**YY**Z**

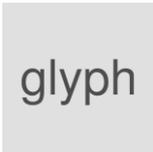
Where,

- **X** is a Latin letter **H, S, P, D, or Z** which denotes the first stroke type of the component. Each stands for the first stroke type 1 (**Héng**), 2 (**Shù**), 3 (**Piě**), 4 (**Diǎn**), and 5 (**Zhé**) defined in the IRG PnP Annex K, respectively.
- **YY** is a two-digit number denotes the total stroke count of the component.
- **Z** is a Latin letter **A-Z** that identifies each unique component from those have identical **XY**. The letter will be assigned from A to Z in the order of our recognition of new component.

The components are represented in IDS with surrounding **&** and **;**, following the convention of XML character entity reference. For example, a character that contains a component SAT-P08A would have an IDS such as `&SAT-P08A;`.

## 3. List

The list of components is ordered according to first stroke, then to the alphanumeric order. Each entry consists of a set of information illustrated below:

SAT-XYZ	<i>Preferred IDS decomposition</i>	<i>Ex. of UCS chars using this component</i>
	<i>Description</i> → <i>Other sources</i>	
(variants)		

Reference names of external sources:

[CHISE]: <http://www.chise.org/ids/>

[GW]: <https://glyphwiki.org/>

### 3.1. Horizontal Bar (H)

<p>SAT-H06A</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎大干</p> <p>A conflated shape that is related to either 𠄎 (U+3694) or 𠄎 (U+2B889).</p>	<p>𠄎 𠄎</p>
<p>SAT-H08A</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎牙文</p> <p>One of variants of 𠄎 (U+20A7A) that may occur with or without 𠄎 part.</p>	<p>𠄎 𠄎 𠄎 𠄎</p>
<p>SAT-H08B</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎士示</p> <p>Variant of 崇 (U+795F) or 𠄎 (U+67F0), seen on the left side of 𠄎 and 𠄎. → CDP-8C6A [CHISE][GW]</p>	<p>𠄎 𠄎 𠄎 𠄎</p>

### 3.2. Vertical Bar (S)

<p>SAT-S04A</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎𠄎口</p> <p>Typically an alternative development of 𠄎 (U+758B) from Small Seal script.</p>	<p>𠄎 𠄎 𠄎 𠄎</p>
<p>SAT-S07A</p> <p>𠄎</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎   臣</p> <p>An alternate shape of 臣 (U+268DD). The shape with leftward sweep on the first stroke still comes under this component.</p>	<p>𠄎 𠄎 𠄎 𠄎</p>
<p>SAT-S10A</p> <p>𠄎</p> <p>𠄎</p>	<p>𠄎日共</p> <p>A modern rendering of the top complex of 暴 (U+3B25), typically as the top part of 暴.</p>	<p>𠄎 𠄎 𠄎 𠄎</p>

SAT-S12A	𠄎𠄎大	暴 暴 暴 暴
	The full rendering of the top complex of 暴 (U+3B25), the fuller shape of 暴.	

3.3. Slash (P)

SAT-P03A	𠄎个又 / 𠄎𠄎又	
	An alternative development of 支 (U+652F) from the Seal-Cleric glyph. → IRG WS2015 00511 (USAT09010)	

SAT-P06A	𠄎丿又 / 𠄎𠄎𠄎	𠄎 𠄎 𠄎 𠄎
 	A conflated shape that is related to either 𠄎 (U+53D0) or 𠄎 (U+592D). The shape without linking between 3 <sup>rd</sup> and 4 <sup>th</sup> stroke still comes under this component.	

SAT-P08A	𠄎从开	
	An alternative shape of 𠄎 (U+22199). → IRG WS2015 01117 (USAT08402)	

SAT-P09A	𠄎八入目	睿 睿 睿 睿
 	The bottom complex of 睿 (U+777F). The shape with top two dots flipped still comes under this component.	

### 3.4. Dot (D)

SAT-D06A	𠄎、平	𠄎 𠄎 𠄎 𠄎
 	A cursivized shape of 卒 (U+5352). The shape with middle dots flipped still comes under this component.	

### 3.5. Turn (Z)

Currently does not have entries.

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