

**Antenna Interface Standards Group**  
**AISG v3.0 Subunit Type Compatibility**  
**Matrix**

**v5.1**

7<sup>th</sup> September 2023



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***AISG v3.0 Subunit Type Compatibility Matrix***  
***v5.1***

***Revision History***

| <b>DATE</b>                    | <b>ISSUE</b> | <b>NOTES</b>          |
|--------------------------------|--------------|-----------------------|
| 6 <sup>th</sup> November 2018  | v1.0         | First public release  |
| 7 <sup>th</sup> February 2019  | v2.0         | Second public release |
| 7 <sup>th</sup> June 2019      | v3.0         | Third public release  |
| 14 <sup>th</sup> March 2022    | v4.2         | Fourt public release  |
| 7 <sup>th</sup> September 2023 | v5.1         | Fifth public release  |

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# Antenna Interface Standards Group

## AISG v3.0 Subunit Type Compatibility Matrix

### v5.1

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### 1. FOREWORD

AISG v3 standard family is divided into the base document and several subunit type standards. AISG v3.0 base document describes the common behaviour of antenna line devices with AISG interfaces and type-specific functionality is defined in subunit type standards. This document indicates the subunit type standard version(s) compatibility with the base document version(s).

The versioning scheme of this document has two numbers, the first being the release version, and the second being the editorial version.

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## 2. Compatibility matrices

Compatibility means that an ALD that implements the subunit type standard version is interoperable with an ALD implementing the base standard version. Versions shown as not compatible are not interoperable and may show unexpected results.

The following tables are applicable only to the following two configurations:

- 1) Primary running the specified base standard version and the specified subunit type standard version.
- 2) ALD running the specified base standard version and the specified subunit type standard version.

Care must be taken that the primary and ALD use compatible base and subunit type standard versions. This should be verified and compatible versions selected during the device scan. Primary selects the used subunit type standard version.

The changes between different subunit type standard versions are reported in AISG GitHub, which can be accessed from AISG public website.

### 2.1 RET subunit type standard

Different RET subunit type standard versions are compatible with different AISG v3.0 base standard versions according to table 2.1-1.

|                     | <b>AISG v3.0.0.10</b> | <b>AISG v3.0.1.1</b> | <b>AISG v3.0.2.1</b> | <b>AISG v3.0.4.4</b> | <b>AISG v3.0.6.2</b> |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>v3RET3.1.1.7</b> | Compatible            | Not compatible       | Not compatible       | Not compatible       | Not compatible       |
| <b>v3RET3.1.2.1</b> | Not compatible        | Compatible           | Not compatible       | Not compatible       | Not compatible       |
| <b>v3RET3.1.3.0</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3RET3.1.5.2</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>V3RET3.1.6.2</b> | Not compatible        | Not compatible       | Not compatible       | Not compatible       | Compatible           |

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**Table 2.1-1: Compatibility table of RET subunit type standard**

### 2.2 ADB subunit type standard

Different ADB subunit type standard versions are compatible with different AISG v3.0 base standard versions according to table 2.2-1.

|                     | <b>AISG v3.0.0.10</b> | <b>AISG v3.0.1.1</b> | <b>AISG v3.0.2.1</b> | <b>AISG v3.0.4.4</b> | <b>AISG v3.0.6.2</b> |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>v3ADB3.1.1.6</b> | Compatible            | Not compatible       | Not compatible       | Not compatible       | Not compatible       |
| <b>v3ADB3.1.2.1</b> | Not compatible        | Compatible           | Not compatible       | Not compatible       | Not compatible       |
| <b>v3ADB3.1.3.1</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3ADB3.1.5.3</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3ADB3.1.6.3</b> | Not compatible        | Not compatible       | Not compatible       | Not compatible       | Compatible           |

**Table 2.2-1: Compatibility table of ADB subunit type standard**

### 2.3 TMA subunit type standard

Different TMA subunit type standard versions are compatible with different AISG v3.0 base standard versions according to table 2.3-1.

|                     | <b>AISG v3.0.0.10</b> | <b>AISG v3.0.1.1</b> | <b>AISG v3.0.2.1</b> | <b>AISG v3.0.4.4</b> | <b>AISG v3.0.6.2</b> |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>v3TMA3.0.0.6</b> | Compatible            | Not compatible       | Not compatible       | Not compatible       | Not compatible       |
| <b>v3TMA3.0.1.0</b> | Compatible            | Compatible           | Not compatible       | Not compatible       | Not compatible       |
| <b>v3TMA3.0.2.0</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3TMA3.0.4.1</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3TMA3.0.5.2</b> | Not compatible        | Not compatible       | Not compatible       | Not compatible       | Compatible           |

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**Table 2.3-1: Compatibility table of TMA subunit type standard**

### 2.4 ALS subunit type standard

Different ALS subunit type standard versions are compatible with different AISG v3.0 base standard versions according to table 2.4-1.

|                     | <b>AISG v3.0.0.10</b> | <b>AISG v3.0.1.1</b> | <b>AISG v3.0.2.1</b> | <b>AISG v3.0.4.4</b> | <b>AISG v3.0.6.2</b> |
|---------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>v3ALS3.0.0.4</b> | Not compatible        | Not compatible       | Compatible           | Compatible           | Compatible           |
| <b>v3ALS3.0.1.3</b> | Not compatible        | Not compatible       | Not compatible       | Not compatible       | Compatible           |

**Table 2.4-1: Compatibility table of ALS subunit type standard**