

Conjunction Data Message

TECHNICAL CORRIGENDUM 2

The Management Council of the Consultative Committee for Space Data Systems (CCSDS) has authorized the publication of technical corrigendum 2 to CCSDS 508.0-B-1, issued June 2013.

Page 1-5

Update reference [6] with current issue.

Page 4-1, subsection 4.1, change

from:

<https://sanaregistry.org/r/ndmxml/ndmxml-1.0-tdm-2.0.xsd>

to:

- https://sanaregistry.org/r/ndmxml_unqualified/ndmxml-2.0.0-cdm-1.0.xsd for messages with elements not qualified with respect to a namespace;
- https://sanaregistry.org/r/ndmxml_qualified/ndmxml-2.0.0-cdm-1.0.xsd for messages with elements qualified with respect to a namespace.

NOTE – Reference [6] subsection 4.3 has more information regarding messages with elements qualified with respect to a namespace.

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NOTE – Current versions of CCSDS documents are maintained at the CCSDS Web site:

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TECHNICAL CORRIGENDUM 2 TO CCSDS 508.0-B-1 (Continued)

Page 4-1, subsection 4.1, change

from:

The location of the CDM/XML XSLT converter is
<http://sanaregistry.org/r/ndmxml/ndmxml-1.0-cdm-1.0.xsl>.

to:

The location of the CDM/XML XSLT converter is:

- https://sanaregistry.org/r/ndmxml_unqualified/ndmxml-2.0.0-cdm-1.1.xsl for messages with elements not qualified with respect to a namespace;
- https://sanaregistry.org/r/ndmxml_qualified/ndmxml-2.0.0-cdm-1.1.xsl for messages with elements qualified with respect to a namespace.

NOTE – Reference [6] subsection 4.3 has more information regarding messages with elements qualified with respect to a namespace.

Page 4-3, after subsection 4.3.3.2, add

4.3.3.3 For messages with elements qualified with respect to a namespace, the NDM/XML namespace must next be coded, exactly as shown:

```
xmlns:ndm="urn:ccsds:schema:ndmxml"
```

The value that follows the ‘xmlns:’ in the NDM/XML name space (‘ndm’ in this case) is a prefix that must be used on every XML tag.

NOTE – This xmlns:ndm setting is only necessary for messages with elements qualified with respect to a namespace, but it does not hurt anything for it to appear on any NDM/XML instantiation.

TECHNICAL CORRIGENDUM 2 TO CCSDS 508.0-B-1 (Continued)

Page 4-3, subsection 4.3.3.3 (4.3.3.4 after change above), change

from:

xsi:noNamespaceSchemaLocation="http://sanaregistry.org/r/ndmxml/ndmxml-1.0-master.xsd"

to:

- xsi:noNamespaceSchemaLocation="https://sanaregistry.org/r/ndmxml_unqualified/ndmxml-2.0.0-master-2.0.xsd" for messages with elements not qualified with respect to a namespace;
- xsi:noNamespaceSchemaLocation="https://sanaregistry.org/r/ndmxml_qualified/ndmxml-2.0.0-master-2.0.xsd" for messages with elements qualified with respect to a namespace.

TECHNICAL CORRIGENDUM 2 TO CCSDS 508.0-B-1 (Continued)

Page 4-4, subsection 4.3.3.8 (4.3.3.9 after change above), change

from:

NOTE – The following example root element tag for a CDM instantiation combines all the directions in the preceding several subsections:

```
<?xml version="1.0" encoding="UTF-8"?>
<cdm xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="https://sanaregistry.org/r/ndmxml/ndmxml-1.0-master.xsd"
id="CCSDS_CDM_VERS" version="1.0">
```

to:

NOTES

- 1 The following example root element tag for a CDM instantiation combines all the directions in the preceding several subsections for messages with elements not qualified with respect to a namespace:

```
<?xml version="1.0" encoding="UTF-8"?>
<cdm xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation=
"https://sanaregistry.org/r/ndmxml_unqualified/ndmxml-2.0.0-master-2.0.xsd"
id="CCSDS_CDM_VERS" version="1.0">
```

- 2 The following example root element tag for a CDM instantiation combines all the directions in the preceding several subsections for messages with elements qualified with respect to a namespace:

```
<?xml version="1.0" encoding="UTF-8"?>
<cdm xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ndm="urn:ccsds:schema:ndmxml"
xsi:noNamespaceSchemaLocation=
"https://sanaregistry.org/r/ndmxml_qualified/ndmxml-2.0.0-master-2.0.xsd"
id="CCSDS_CDM_VERS" version="1.0">
```

TECHNICAL CORRIGENDUM 2 TO CCSDS 508.0-B-1 (Continued)

Page 4-7, subsection 4.4, change

from:

```
<cdm xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://sanaregistry.org/r/ndmxml/n
dmxml-1.0-master.xsd"
id="CCSDS_CDM_VERS" version="1.0">
```

to:

```
<cdm xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ndm="urn:ccsds:schema:ndmxml"
xsi:noNamespaceSchemaLocation="https://sanaregistry.org/r/ndmxml_
unqualified/ndmxml-2.0.0-master-2.0.xsd" id="CCSDS_CDM_VERS"
version="1.0">
```