

Re-entry Data Message

TECHNICAL CORRIGENDUM 1

The Management Council of the Consultative Committee for Space Data Systems (CCSDS) has authorized the publication of technical corrigendum 1 to CCSDS 508.1-B-1, issued November 2019.

Page 1-5

Update reference [13] with current issue.

Page 4-1, subsection 4.1, change

from:

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

to:

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

NOTE – Reference [13] subsection 4.3 has more information regarding messages with elements qualified with respect to a namespace.

Distribution Control Number: TC 21-38

Reference Number: CCSDS 508.1-B-1 Cor. 1

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

<http://www.ccsds.org/>

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Page 4-2, 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.

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

from:

```
xsi:noNamespaceSchemaLocation="https://SANRegistry.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.

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Page 4-4, subsection 4.3.3.5 (4.3.3.6 after change above), change

from:

NOTE – The following example root element tag for an RDM 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/ndmxml-1.0-master.xsd"
id="CCSDS_CDM_VERS" version="1.0">
```

to:

NOTES

1 The following example root element tag for an RDM 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"?>
<rdm 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_RDM_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"?>
<rdm 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_RDM_VERS" version="1.0">
```

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Page C-3, figure C-4, change

from:

```
id="CCSDS_RDM_VERS
```

to:

```
id="CCSDS_RDM_VERS"
```