Climate Data Record (CDR) Program

Template for

Version Description Document (VDD)



CDR Program Document Number: CDRP-TMP-0379

Configuration Item Number: N/A

Revision 1 / November 12, 2013

PURPOSE OF A VERSION DESCRIPTION DOCUMENT (VDD)

The NOAA Climate Data Record (CDR) Program requires a Version Description Document (VDD) to accompany every software update delivered to the Program subsequent to the CDR achieving Initial Operating Capability (IOC). The principal purpose of the VDD is to clearly identify the software version, and provide details on the changes at greater level of detail than the overlying Change Request. The initial responsibility for preparing the VDD lies with the group that develops and delivers the software. The CDR Program and NCDC will provide additional information as indicated.

PURPOSE OF THIS TEMPLATE

This template is provided to assist with the preparation of a VDD. See the document “Instructions for Using CDR Program Templates” [CDRP-INST-0410] for additional details on how to fill out this template.

**APPLICABLE DOCUMENTS**

The following CDR Program documents are applicable to the development of a VDD.

|  |  |
| --- | --- |
| Document Title | Document ID |
| CDRP Configuration Management Plan, Rev.1 | CDRP-PLAN-0046 |
| CDRP Document Management Plan, Rev.1 | CDRP-PLAN-0004 |
| CDRP Requirements for IOC and FOC, Rev.1 PENDING | CDRP-REQ-XXXX |
| CDRP Operational Readiness Review Checklist, Rev.3 PENDING | CDRP-FORM-0172 |

TEMPLATE REVISION HISTORY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rev. | Author | DSR No. | Description | Date |
| 1  | Brian Newport, Global Science and Technology, Inc. | DSR-442 | Initial Release. Corrected guidance in Section 2 Table and inconsistency in page footers after receiving approval signatures. | November 6, 2013 |
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Climate Data Record (CDR) Program

Version Description Document (VDD)

<CDR Web Page Name from current version of CDRP-STD-0261>

<CDR Taxonomy Name from current version of CDRP-STD-0261>

Version <Version string matching source code package>



CDR Program Document Number: CDRP-VDD-XXXX <By CDRP Document Manager>

Configuration Item Number: <TBD from current version of CDRP-STD-0261>

Revision 1 DRAFT / <Month> <Day>, <YYYY>

REVISION HISTORY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rev. | Author | DSR No. | Description | Date |
| 1.0  | <Author name and organization> | DSR-XXX | Initial Revision | TBD |
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1. Purpose

This document identifies a specific version of the software used to create the <CDR Web Page Name from CDRP-STD-0261> Climate Data Record (CDR) and submitted to Operations at the National Climatic Data Center (NCDC). This document also identifies what has changed relative to the previous version, why it changed, how these changes affect the output product, limitations, and any known issues.

1. Identification

|  |  |
| --- | --- |
| CDR Configuration Item No. | <CI Number from CDRP-STD-0261> |
| CDR Taxonomy Name | <CDR Taxonomy Name from CDRP-STD-0261> |
| CDR Web Page Name | <CDR Web Page Name from CDRP-STD-0261> |
| Principal Investigator | <PI Name from CDRP-STD-0261> |
| Change Request Number | <TBD from CR Form> |
| Version Number | <From CR Form or Submission Agreement> |
| NCDC Version Control System | <NCDC Subversion> |
| NCDC Version Control Location | <TBD by NCDC Operations Branch, e.g., “rsad/CDR/Snow Cover Extent”> |
| NCDC Version Control Tag | <TBD by NCDC Operations Branch, e.g., “nhsce-v01r01”> |
| NCDC PLM Repository Location | <TBD by CDR Program Configuration Manager> |
| Code Package File Name | <From Submission Agreement> |
| Code Package Checksum | <TBD by NCDC Archive Branch> |
| Checksum Algorithm | <MD-5> |

1. Changes In This Version
	1. Software Changes

The text below may be replaced with “Not Applicable” and the table deleted if this is the first version of the software submitted to the CDR Program.

Note: The Tracking ID is that used by the group submitting the software.

Note: The Title/Summary should identify what has been changed and why it changed.

The following changes have been implemented in this version relative to the previous version <Version string>.

|  |  |
| --- | --- |
| Tracking ID | Title/Summary |
|  |  |

* 1. Data Product Changes

The following text may be replaced with “Not Applicable” and the table deleted if this is the first version of the software submitted to the CDR Program. The Title/Summary should identify what has been changed and why it changed. Additional information may be needed, e.g., if a file format has been changed.

The following changes will appear in the data product produced by this version of the software relative to the previous version <Version string>.

|  |  |
| --- | --- |
| Variable or Data Field | Description of Change |
|  |  |

1. Limitations and Known Issues

The following limitations and issues are known to exist in this software.

|  |  |  |
| --- | --- | --- |
| Tracking ID | Title/Summary | WorkaroundExists |
|  |  | <Yes/No> |

* 1. Workaround for Limitation/Issue <Tracking ID>

Provide a narrative for each item in the table above that has a known workaround. Add additional subsections as needed.

<Enter text here>

1. Acronyms and Abbreviations

|  |  |
| --- | --- |
| Acronym or Abbreviation | Definition |
| CDR | Climate Data Record |
| CDRP | Climate Data Record Program |
| CM | Configuration Management |
| IOC | Initial Operating Capability |
| FOC | Full Operational Capability |
| NCDC | National Climatic Data Center |
| NOAA | National Oceanic and Atmospheric Administration |
| PLM | Product Lifecycle Management |

1. Glossary

|  |  |
| --- | --- |
| Term | Definition |
| Tracking ID | Unique identifier used in a change request/defect tracking system |