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Data Management

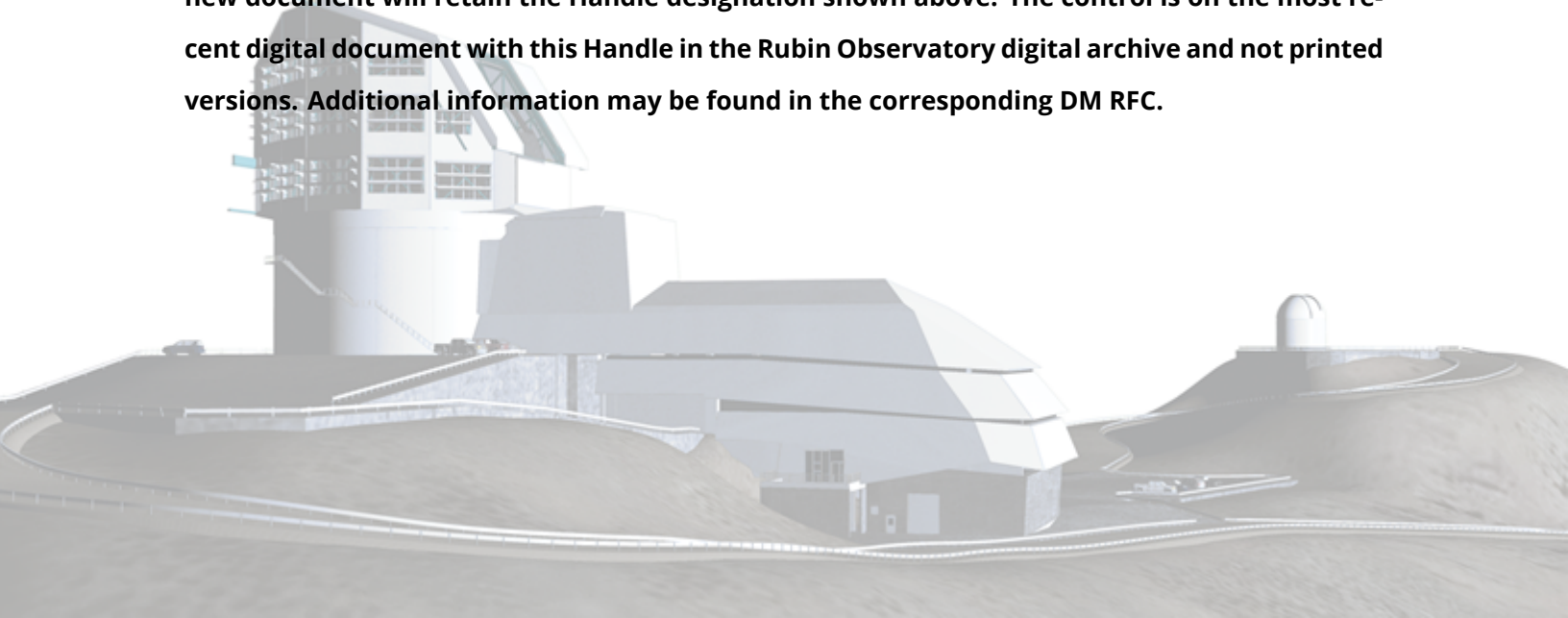
# DM Verification Control Document

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## Abstract

The DM Verification Control Document is an extract from the LSST-wide systems engineering verification database (based on Jira) which, provides an overview of the verification status of the Data Management Subsystem with respect to its requirements.

## Change Record

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1.0	2019-07-30	Document issued. Approved in RFC-611	G. Comoretto
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# DM Verification Control Document

## 1 Introduction

The requirements on the LSST Data Management System are described in LSE-61 and in the various lower-level requirements documents (e.g. LDM-554, LDM-555, LDM-636, etc), all of which are derived from LSE-61. These requirements are verified by running tests, and recording the results of those tests in the LSST Jira system. The general approach to testing and verification in DM is described in more detail in LDM-503; note, in particular, the concepts and vocabulary described in LDM-503 §2.3.2.

This Verification Control Document (VCD) provides a summary of the status of requirements verification: which requirements are covered by which tests, and how many of those tests have been executed successfully. Section 2 presents a brief overview; the remainder of the document provides a matrix displaying all of the DM requirements, their corresponding verification elements, the applicable tests, and whether those tests have been executed.

The matrix is fully linked: any given test case mentioned in the matrix such as, LWV-T362, provides a link to the Jira element defining that test case. Similarly, relevant documentation such as test reports like DMTR-111 are linked to the bibliography and thence to the report itself<sup>1</sup>.

### 1.1 Applicable Documents

LSE-61	LSST DM Subsystem Requirements
LDM-503	LSST DM Test Plan
LDM-639	DM Acceptance Test Specification

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<sup>1</sup>As such, you may find it useful to remember the appropriate keyboard shortcuts — often ⌘+[ (macOS) or ctrl+← (Windows/Linux) — to return to your previous position.

## 2 Summary Information

Table 1 provides an overview of the requirements and verification elements coverage.

	<i>Priority</i>	<i>Fully Verified</i> <sup>2.1.1</sup>	<i>Partially Verified</i> <sup>2.1.2</sup>	<i>With Failures</i> <sup>2.1.3</sup>	<i>Not Verified</i> <sup>2.1.4</sup>	<i>Not Covered</i> <sup>2.1.5</sup>	<i>Total</i>
<b>DM Requirements</b>	(All)	18	106	3	327	197	<b>651</b>
LSE-61	1a	8	21		26	3	<b>58</b>
	1b	8	19	3	76	5	<b>111</b>
	2		4		47	3	<b>54</b>
	3				6		<b>6</b>
	Not Set					1	<b>1</b>
	(All)	16	44	3	155	12	<b>230</b>
LSE-68	Not Set					19	<b>19</b>
LSE-69	Not Set					16	<b>16</b>
LSE-72	Not Set					52	<b>52</b>
LSE-75	Not Set					9	<b>9</b>
LSE-130	Not Set					31	<b>31</b>
LSE-131	Not Set					13	<b>13</b>
LSE-140	Not Set					30	<b>30</b>
LDM-554	Not Set	2	62		172		<b>236</b>
LSE-400	Not Set					15	<b>15</b>
<b>DM Verification E.</b>	(All)	25	115	3	365	373	<b>881</b>

Table 1: Summary overview of all DM requirements and verification elements.

Table 2 provides the Test Cases result summary.

	<i>Passed</i> <sup>2.2.1</sup>	<i>P. w/Dev.</i> <sup>2.2.2</sup>	<i>Failed</i> <sup>2.2.3</sup>	<i>Not Ex.</i> <sup>2.2.4</sup>	<i>Total</i>
Test Cases Results	64	13	2	494	<b>573</b>

Table 2: Summary overview of DM test cases executions.

Note that test cases may be associated with multiple requirements or verification elements, and requirements or verification elements may be associated with multiple test cases.

## 2.1 Coverage Description

The coverage of each Verification Element and Requirement is characterized by one of the statuses defined below.

### 2.1.1 Fully Verified

These are the Verification Elements and Requirements for which all of the associated Test Cases have been successfully executed. The last execution status for all test cases shall be **Passed** or **Passed w/Deviation**.

### 2.1.2 Partially Verified

These are the Verification Elements and Requirements for which at least one of the associated Test Cases have been successfully executed. The last execution status of the test cases shall be **Not Executed**, **Passed** or **Passed w/Deviation**.

### 2.1.3 With Failures

These are the Verification Elements and Requirements for which at least one of the associated Test Cases has a **Failure** as execution result.

### 2.1.4 Not Verified

These are the Verification Elements and Requirements for which none of the associated Test Cases have been executed.

### 2.1.5 Not Covered

These are the Verification Elements and Requirements for which there are not any associated Test Cases.

## 2.2 Test Executions Description

### 2.2.1 Passed

Test cases that have been executed without any problems. Issues may have been found during the execution, and linked to the test case, but they do not affect the verification process.

### 2.2.2 Passed with Deviation

Test cases for which the execution can be considered successful, but a deviation to the requirement is needed. The deviation shall be recorded in a Jira issue, type *Deviation* and linked to the test.

### 2.2.3 Failed

The test case execution failed. One or more Jira issues shall be filed and related with the test.

### 2.2.4 Not Executed

The test case has not been executed yet.



### 3 Verification Control

In the following subsections, a detailed overview of the requirements coverage for each specification is provided.

Where available, the priority is reported in round brackets, under the requirement or verification element identifier. For example (p.1a) denotes a 1a priority requirement. Requirements and verification elements for which no priority (p.) is specified inherit the priority for the higher-level requirement from which they are derived. For a full description of the prioritization levels, see LSE-61.

#### 3.1 LSE-61 Requirements Coverage

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0002 LSE-61 (p. 1b)	DMS-REQ-0002-V-01 LVV-3 (p. 1b)	LVV-T101 LDM-639		Not Executed
		LVV-T217 LDM-639	2018-07-04	Pass w/Deviation
DMS-REQ-0008 LSE-61 (p. 1b)	DMS-REQ-0008-V-01 LVV-5 (p. 1b)	LVV-T171 LDM-639		Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0009 LSE-61 (p. 1b)	DMS-REQ-0009-V-01 LVV-6 (p. 1b)	LVV-T125 LDM-639	2020-11-03 LVV-P71	Passed
DMS-REQ-0010 LSE-61 (p. 1b)	DMS-REQ-0010-V-01 LVV-7 (p. 1b)	LVV-T18 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T20 LDM-639	2019-05-22 LVV-P44	Failed
		LVV-T36 LDM-639	2020-10-02 LVV-P71	Passed
DMS-REQ-0018 LSE-61 (p. 1a)	DMS-REQ-0018-V-01 LVV-8 (p. 1a)	LVV-T29 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T283 LDM-639	2019-05-22 LVV-P45	Passed
		LVV-T284 LDM-639	2019-06-24 LVV-P10	Passed
		LVV-T1549 LDM-639	2020-08-20 LVV-P50	Passed
		LVV-T1550 LDM-639	LVV-P54	Not Executed
		LVV-T1556 LDM-639	2020-09-03 LVV-P55	Passed
		LVV-T1934 LDM-639	2020-10-28 LVV-P76	Passed
DMS-REQ-0020 LSE-61 (p. 1a)	DMS-REQ-0020-V-01 LVV-9 (p. 1a)	LVV-T30 LDM-639		Not Executed
		LVV-T283 LDM-639	2019-05-22 LVV-P45	Passed
		LVV-T284 LDM-639	2019-06-24 LVV-P10	Passed
		LVV-T1549 LDM-639	2020-08-20 LVV-P50	Passed
		LVV-T1556 LDM-639	2020-09-03 LVV-P55	Passed
DMS-REQ-0022 LSE-61 (p. 2)	DMS-REQ-0022-V-01 LVV-10 (p. Not Set)	LVV-T31 LDM-639		Not Executed
DMS-REQ-0024 LSE-61 (p. 1a)	DMS-REQ-0024-V-01 LVV-11 (p. 1a)	LVV-T32 LDM-639	LVV-P72	Not Executed
		LVV-T283 LDM-639	2019-05-22 LVV-P45	Passed
		LVV-T284 LDM-639	2019-06-24 LVV-P10	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1549 LDM-639	2020-08-20 LVV-P50	Passed
		LVV-T1550 LDM-639	LVV-P54	Not Executed
		LVV-T1556 LDM-639	2020-09-03 LVV-P55	Passed
		LVV-T1934 LDM-639	2020-10-28 LVV-P76	Passed
DMS-REQ-0029 LSE-61 (p. 1b)	DMS-REQ-0029-V-01 LVV-12 (p. 1b)	LVV-T15 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T19 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T39 LDM-639	2020-11-03 LVV-P71	Passed
DMS-REQ-0030 LSE-61 (p. 1a)	DMS-REQ-0030-V-01 LVV-13 (p. 1a)	LVV-T15 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T19 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T40 LDM-639	2020-08-19 LVV-P71	Passed
	DMS-REQ-0030-V-02 LVV-9741 (p. 1a)	LVV-T1240 LDM-639	2020-01-28 LVV-P65	Passed
DMS-REQ-0032 LSE-61 (p. 1b)	DMS-REQ-0032-V-01 LVV-14 (p. 1b)	LVV-T126 LDM-639		Not Executed
DMS-REQ-0033 LSE-61 (p. 1a)	DMS-REQ-0033-V-01 LVV-15 (p. 1a)	LVV-T127 LDM-639		Not Executed
		LVV-T362 LDM-639	2021-04-27 LVV-P82	Pass w/Deviation
DMS-REQ-0034 LSE-61 (p. 1a)	DMS-REQ-0034-V-01 LVV-16 (p. 1a)	LVV-T61 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0042 LSE-61 (p. 1b)	DMS-REQ-0042-V-01 LVV-17 (p. 1b)	LVV-T128 LDM-639		Not Executed
DMS-REQ-0043 LSE-61 (p. 1a)	DMS-REQ-0043-V-01 LVV-18 (p. 1a)	LVV-T21 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T129 LDM-639		Not Executed
DMS-REQ-0046 LSE-61 (p. 2)	DMS-REQ-0046-V-01 LVV-19 (p. 2)	LVV-T68 LDM-639		Not Executed
DMS-REQ-0047 LSE-61 (p. 1b)	DMS-REQ-0047-V-01 LVV-20 (p. 1b)	LVV-T16 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T62 LDM-639	2020-01-23 LVV-P65	Passed
DMS-REQ-0052 LSE-61 (p. 1b)	DMS-REQ-0052-V-01 LVV-21 (p. 1b)	LVV-T130 LDM-639		Not Executed
DMS-REQ-0059 LSE-61 (p. 1a)	DMS-REQ-0059-V-01 LVV-22 (p. 1a)	LVV-T83 LDM-639		Not Executed
DMS-REQ-0060 LSE-61 (p. 1a)	DMS-REQ-0060-V-01 LVV-23 (p. 1a)	LVV-T84 LDM-639	LVV-P72	Not Executed
		LVV-T368 LDM-639		Not Executed
DMS-REQ-0061 LSE-61 (p. 1a)	DMS-REQ-0061-V-01 LVV-24 (p. 1a)	LVV-T85 LDM-639	LVV-P72	Not Executed
DMS-REQ-0062 LSE-61 (p. 1b)	DMS-REQ-0062-V-01 LVV-25 (p. 1b)	LVV-T86 LDM-639		Not Executed
DMS-REQ-0063 LSE-61 (p. 1b)	DMS-REQ-0063-V-01 LVV-26 (p. 1b)	LVV-T87 LDM-639		Not Executed
DMS-REQ-0065 LSE-61 (p. 1b)	DMS-REQ-0065-V-01 LVV-27 (p. 1b)	LVV-T134 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0068 LSE-61 (p. 1a)	DMS-REQ-0068-V-01 LVV-28 (p. 1a)	LVV-T33		Not Executed
		LDM-639		
		LVV-T283	2019-05-22	Passed
		LDM-639	LVV-P45	
		LVV-T284	2019-06-24	Passed
		LDM-639	LVV-P10	
		LVV-T286	2019-05-22	Passed
LDM-639	LVV-P45			
DMS-REQ-0069 LSE-61 (p. 1a)	DMS-REQ-0069-V-01 LVV-29 (p. 1a)	LVV-T1549	2020-08-20	Passed
		LDM-639	LVV-P50	
		LVV-T1550		Not Executed
		LDM-639	LVV-P54	
		LVV-T1556	2020-09-03	Passed
		LDM-639	LVV-P55	
		LVV-T15	2019-05-22	Passed
LDM-639	LVV-P43			
DMS-REQ-0070 LSE-61 (p. 1b)	DMS-REQ-0070-V-01 LVV-30 (p. 1b)	LVV-T18	2019-05-22	Passed
		LDM-639	LVV-P44	
		LVV-T19	2019-05-22	Passed
		LDM-639	LVV-P44	
		LVV-T38	2020-11-04	Passed
LDM-639	LVV-P71			
DMS-REQ-0070 LSE-61 (p. 1b)	DMS-REQ-0070-V-01 LVV-30 (p. 1b)	LVV-T362	2021-04-27	Pass w/Deviation
		LDM-639	LVV-P82	
		LVV-T15	2019-05-22	Passed
LDM-639	LVV-P43			
DMS-REQ-0070 LSE-61 (p. 1b)	DMS-REQ-0070-V-01 LVV-30 (p. 1b)	LVV-T19	2019-05-22	Passed
		LDM-639	LVV-P44	
		LVV-T41	2020-02-04	Passed
LDM-639	LVV-P65			

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0072 LSE-61 (p. 1a)	DMS-REQ-0072-V-01 LVV-31 (p. 1a)	LVV-T15	2019-05-22	Passed
		LDM-639	LVV-P43	
		LVV-T19	2019-05-22	
		LDM-639	LVV-P44	Passed
		LVV-T42	2020-11-04	Passed
		LDM-639	LVV-P71	
DMS-REQ-0074 LSE-61 (p. 1b)	DMS-REQ-0074-V-01 LVV-32 (p. 1b)	LVV-T20	2019-05-22	Failed
		LDM-639	LVV-P44	
		LVV-T37		Not Executed
		LDM-639		
DMS-REQ-0075 LSE-61 (p. 1a)	DMS-REQ-0075-V-01 LVV-33 (p. 1a)	LVV-T149		Not Executed
		LDM-639		
		LVV-T1085	2019-07-08	Passed
		LDM-639	LVV-P46	
		LVV-T1086	2019-07-08	Passed
		LDM-639	LVV-P46	
		LVV-T1087	2019-07-08	Passed
		LDM-639	LVV-P46	
DMS-REQ-0077 LSE-61 (p. 1b)	DMS-REQ-0077-V-01 LVV-34 (p. 1b)	LVV-T150		Not Executed
		LDM-639		
DMS-REQ-0078 LSE-61 (p. 1a)	DMS-REQ-0078-V-01 LVV-35 (p. 1a)	LVV-T151	2020-08-20	Passed
		LDM-639	LVV-P71	
		LVV-T1232	2020-08-19	Passed
		LDM-639	LVV-P71	
DMS-REQ-0089 LSE-61 (p. 1b)	DMS-REQ-0089-V-01 LVV-36 (p. 1b)	LVV-T102		Not Executed
		LDM-639		
DMS-REQ-0094 LSE-61 (p. 1b)	DMS-REQ-0094-V-01 LVV-37 (p. 1b)	LVV-T152		Not Executed
		LDM-639		
DMS-REQ-0096 LSE-61 (p. 1a)	DMS-REQ-0096-V-01 LVV-38 (p. 1a)	LVV-T103		Not Executed
		LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0097 LSE-61 (p. 1a)	DMS-REQ-0097-V-01 LVV-39 (p. 1a)	LVV-T45 LDM-639	LVV-P71	Not Executed
DMS-REQ-0098 LSE-61 (p. 1b)	DMS-REQ-0098-V-01 LVV-40 (p. 1b)	LVV-T104 LDM-639		Not Executed
DMS-REQ-0099 LSE-61 (p. 1b)	DMS-REQ-0099-V-01 LVV-41 (p. 1b)	LVV-T46 LDM-639	LVV-P71	Not Executed
DMS-REQ-0100 LSE-61 (p. 1b)	DMS-REQ-0100-V-01 LVV-42 (p. 1b)	LVV-T105 LDM-639		Not Executed
DMS-REQ-0101 LSE-61 (p. 1a)	DMS-REQ-0101-V-01 LVV-43 (p. 1a)	LVV-T47 LDM-639		Not Executed
DMS-REQ-0102 LSE-61 (p. 1a)	DMS-REQ-0102-V-01 LVV-44 (p. 1a)	LVV-T153 LDM-639		Not Executed
DMS-REQ-0103 LSE-61 (p. 1b)	DMS-REQ-0103-V-01 LVV-45 (p. 1b)	LVV-T63 LDM-639		Not Executed
DMS-REQ-0106 LSE-61 (p. 1b)	DMS-REQ-0106-V-01 LVV-46 (p. 1b)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T64 LDM-639		Not Executed
DMS-REQ-0119 LSE-61 (p. 2)	DMS-REQ-0119-V-01 LVV-47 (p. 2)	LVV-T117 LDM-639		Not Executed
DMS-REQ-0120 LSE-61 (p. 2)	DMS-REQ-0120-V-01 LVV-48 (p. 2)	LVV-T118 LDM-639		Not Executed
DMS-REQ-0121 LSE-61 (p. 2)	DMS-REQ-0121-V-01 LVV-49 (p. 2)	LVV-T119 LDM-639		Not Executed
DMS-REQ-0122 LSE-61 (p. 2)	DMS-REQ-0122-V-01 LVV-50 (p. 2)	LVV-T204 LDM-639		Not Executed
DMS-REQ-0123 LSE-61 (p. 2)	DMS-REQ-0123-V-01 LVV-51 (p. 2)	LVV-T205 LDM-639		Not Executed
DMS-REQ-0124 LSE-61 (p. 2)	DMS-REQ-0124-V-01 LVV-52 (p. 2)	LVV-T206 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0125 LSE-61 (p. 2)	DMS-REQ-0125-V-01 LVV-53 (p. 2)	LVV-T120 LDM-639		Not Executed
DMS-REQ-0126 LSE-61 (p. 2)	DMS-REQ-0126-V-01 LVV-54 (p. 2)	LVV-T207 LDM-639		Not Executed
DMS-REQ-0127 LSE-61 (p. 2)	DMS-REQ-0127-V-01 LVV-55 (p. 2)	LVV-T208 LDM-639		Not Executed
DMS-REQ-0128 LSE-61 (p. 2)	DMS-REQ-0128-V-01 LVV-56 (p. 2)	LVV-T121 LDM-639		Not Executed
DMS-REQ-0130 LSE-61 (p. 1a)	DMS-REQ-0130-V-01 LVV-57 (p. 1a)	LVV-T88 LDM-639	LVV-P72	Not Executed
DMS-REQ-0131 LSE-61 (p. 2)	DMS-REQ-0131-V-01 LVV-58 (p. 2)	LVV-T106 LDM-639		Not Executed
	DMS-REQ-0131-V-02 LVV-9745 (p. 2)	LVV-T1277 LDM-639		Not Executed
DMS-REQ-0132 LSE-61 (p. 1a)	DMS-REQ-0132-V-01 LVV-59 (p. 1a)	LVV-T89 LDM-639		Not Executed
DMS-REQ-0155 LSE-61 (p. 1a)	DMS-REQ-0155-V-01 LVV-60 (p. 1a)			
DMS-REQ-0156 LSE-61 (p. 1a)	DMS-REQ-0156-V-01 LVV-61 (p. 1a)			
DMS-REQ-0158 LSE-61 (p. 1a)	DMS-REQ-0158-V-01 LVV-62 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
DMS-REQ-0160 LSE-61 (p. 1b)	DMS-REQ-0160-V-01 LVV-63 (p. 1b)	LVV-T131 LDM-639		Not Executed
		LVV-T368 LDM-639		Not Executed
DMS-REQ-0161 LSE-61 (p. 1b)	DMS-REQ-0161-V-01 LVV-64 (p. 1b)	LVV-T172 LDM-639		Not Executed
DMS-REQ-0162 LSE-61 (p. 1b)	DMS-REQ-0162-V-01 LVV-65 (p. 1b)	LVV-T173 LDM-639		Not Executed



Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0163 LSE-61 (p. 1b)	DMS-REQ-0163-V-01 LVV-66 (p. 1b)	LVV-T174 LDM-639		Not Executed
DMS-REQ-0164 LSE-61 (p. 1b)	DMS-REQ-0164-V-01 LVV-67 (p. 1b)	LVV-T175 LDM-639		Not Executed
DMS-REQ-0165 LSE-61 (p. 1b)	DMS-REQ-0165-V-01 LVV-68 (p. 1b)	LVV-T176 LDM-639	LVV-P4	Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0166 LSE-61 (p. 1b)	DMS-REQ-0166-V-01 LVV-69 (p. 1b)	LVV-T177 LDM-639		Not Executed
DMS-REQ-0167 LSE-61 (p. 2)	DMS-REQ-0167-V-01 LVV-70 (p. 2)	LVV-T178 LDM-639		Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0168 LSE-61 (p. 1a)	DMS-REQ-0168-V-01 LVV-71 (p. 1a)	LVV-T1097 LDM-639		Not Executed
DMS-REQ-0170 LSE-61 (p. 1b)	DMS-REQ-0170-V-01 LVV-72 (p. 1b)	LVV-T182 LDM-639		Not Executed
DMS-REQ-0171 LSE-61 (p. 1a)	DMS-REQ-0171-V-01 LVV-73 (p. 1a)	LVV-T1168 LDM-639	2019-07-09 LVV-P47	Passed
		LVV-T1612 LDM-639		Not Executed
DMS-REQ-0172 LSE-61 (p. 1b)	DMS-REQ-0172-V-01 LVV-74 (p. 1b)	LVV-T185 LDM-639		Not Executed
DMS-REQ-0173 LSE-61 (p. 1b)	DMS-REQ-0173-V-01 LVV-75 (p. 1b)	LVV-T186 LDM-639		Not Executed
DMS-REQ-0174 LSE-61 (p. 1b)	DMS-REQ-0174-V-01 LVV-76 (p. 1b)	LVV-T187 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0175 LSE-61 (p. 1b)	DMS-REQ-0175-V-01 LVV-77 (p. 1b)	LVV-T188 LDM-639		<b>Not Executed</b>
DMS-REQ-0176 LSE-61 (p. 1a)	DMS-REQ-0176-V-01 LVV-78 (p. 1a)	LVV-T189 LDM-639		<b>Not Executed</b>
DMS-REQ-0177 LSE-61	DMS-REQ-0177-V-01 LVV-79 (p. Not Set)			
DMS-REQ-0178 LSE-61 (p. 1b)	DMS-REQ-0178-V-01 LVV-80 (p. 1b)	LVV-T190 LDM-639	LVV-P72	<b>Not Executed</b>
DMS-REQ-0180 LSE-61 (p. 1b)	DMS-REQ-0180-V-01 LVV-81 (p. 1b)	LVV-T193 LDM-639	LVV-P73	<b>Not Executed</b>
DMS-REQ-0181 LSE-61 (p. 1b)	DMS-REQ-0181-V-01 LVV-82 (p. 1b)	LVV-T194 LDM-639	LVV-P73	<b>Not Executed</b>
DMS-REQ-0182 LSE-61 (p. 1b)	DMS-REQ-0182-V-01 LVV-83 (p. 1b)	LVV-T195 LDM-639	LVV-P73	<b>Not Executed</b>
DMS-REQ-0183 LSE-61 (p. 1b)	DMS-REQ-0183-V-01 LVV-84 (p. 1b)	LVV-T196 LDM-639	LVV-P73	<b>Not Executed</b>
DMS-REQ-0185 LSE-61 (p. 1a)	DMS-REQ-0185-V-01 LVV-85 (p. 1a)	LVV-T197 LDM-639		<b>Not Executed</b>
DMS-REQ-0186 LSE-61 (p. 1a)	DMS-REQ-0186-V-01 LVV-86 (p. 1a)	LVV-T198 LDM-639		<b>Not Executed</b>
DMS-REQ-0187 LSE-61 (p. 1b)	DMS-REQ-0187-V-01 LVV-87 (p. 1b)	LVV-T199 LDM-639		<b>Not Executed</b>
DMS-REQ-0188 LSE-61 (p. 1b)	DMS-REQ-0188-V-01 LVV-88 (p. 1b)	LVV-T200 LDM-639		<b>Not Executed</b>
DMS-REQ-0189 LSE-61 (p. 1b)	DMS-REQ-0189-V-01 LVV-89 (p. 1b)	LVV-T201 LDM-639		<b>Not Executed</b>
DMS-REQ-0190 LSE-61 (p. 1b)	DMS-REQ-0190-V-01 LVV-90 (p. 1b)	LVV-T202 LDM-639		<b>Not Executed</b>
DMS-REQ-0191 LSE-61 (p. 1b)	DMS-REQ-0191-V-01 LVV-91 (p. 1b)	LVV-T203 LDM-639		<b>Not Executed</b>

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0193 LSE-61 (p. 1b)	DMS-REQ-0193-V-01 LVV-92 (p. 1b)	LVV-T209 LDM-639		Not Executed
DMS-REQ-0194 LSE-61 (p. 1b)	DMS-REQ-0194-V-01 LVV-93 (p. 1b)	LVV-T210 LDM-639		Not Executed
DMS-REQ-0196 LSE-61 (p. 1b)	DMS-REQ-0196-V-01 LVV-94 (p. 1b)	LVV-T211 LDM-639		Not Executed
DMS-REQ-0197 LSE-61 (p. 2)	DMS-REQ-0197-V-01 LVV-95 (p. 2)	LVV-T212 LDM-639		Not Executed
DMS-REQ-0265 LSE-61 (p. 1a)	DMS-REQ-0265-V-01 LVV-96 (p. 1a)	LVV-T34 LDM-639		Not Executed
		LVV-T283 LDM-639	2019-05-22 LVV-P45	Passed
		LVV-T284 LDM-639	2019-06-24 LVV-P10	Passed
DMS-REQ-0266 LSE-61 (p. 1a)	DMS-REQ-0266-V-01 LVV-97 (p. 1a)	LVV-T48 LDM-639		Not Executed
DMS-REQ-0267 LSE-61 (p. 1b)	DMS-REQ-0267-V-01 LVV-98 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T13 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T65 LDM-639		Not Executed
		LVV-T362 LDM-639	2021-04-27 LVV-P82	Pass w/Deviation
DMS-REQ-0268 LSE-61 (p. 1b)	DMS-REQ-0268-V-01 LVV-99 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T66 LDM-639		Not Executed
DMS-REQ-0269 LSE-61 (p. 1b)	DMS-REQ-0269-V-01 LVV-100 (p. 1b)	LVV-T18 LDM-639	2019-05-22 LVV-P44	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T21 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T49 LDM-639		Not Executed
DMS-REQ-0270 LSE-61 (p. 2)	DMS-REQ-0270-V-01 LVV-101 (p. 2)	LVV-T21 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T50 LDM-639		Not Executed
DMS-REQ-0271 LSE-61 (p. 1b)	DMS-REQ-0271-V-01 LVV-102 (p. 1b)	LVV-T18 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T51 LDM-639		Not Executed
	DMS-REQ-0271-V-02 LVV-9742 (p. 1b)	LVV-T2304 LDM-639		Not Executed
	DMS-REQ-0271-V-03 LVV-9743 (p. 1b)	LVV-T2305 LDM-639		Not Executed
DMS-REQ-0272 LSE-61 (p. 1b)	DMS-REQ-0272-V-01 LVV-103 (p. 1b)	LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T52 LDM-639		Not Executed
DMS-REQ-0273 LSE-61 (p. 2)	DMS-REQ-0273-V-01 LVV-104 (p. 2)	LVV-T53 LDM-639		Not Executed
DMS-REQ-0274 LSE-61 (p. 1b)	DMS-REQ-0274-V-01 LVV-105 (p. 1b)	LVV-T54 LDM-639		Not Executed
DMS-REQ-0275 LSE-61 (p. 1b)	DMS-REQ-0275-V-01 LVV-106 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T14 LDM-639	2019-05-22 LVV-P43	Pass w/Deviation

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T67 LDM-639		Not Executed
DMS-REQ-0276 LSE-61 (p. 1b)	DMS-REQ-0276-V-01 LVV-107 (p. 1b)	LVV-T69 LDM-639		Not Executed
DMS-REQ-0277 LSE-61 (p. 1b)	DMS-REQ-0277-V-01 LVV-108 (p. 1b)			
DMS-REQ-0278 LSE-61 (p. 1b)	DMS-REQ-0278-V-01 LVV-109 (p. 1b)	LVV-T16 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T72 LDM-639		Not Executed
DMS-REQ-0279 LSE-61 (p. 1b)	DMS-REQ-0279-V-01 LVV-110 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T16 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T73 LDM-639		Not Executed
DMS-REQ-0280 LSE-61 (p. 1b)	DMS-REQ-0280-V-01 LVV-111 (p. 1b)	LVV-T74 LDM-639		Not Executed
DMS-REQ-0281 LSE-61 (p. 1b)	DMS-REQ-0281-V-01 LVV-112 (p. 1b)	LVV-T75 LDM-639		Not Executed
DMS-REQ-0282 LSE-61 (p. 1a)	DMS-REQ-0282-V-01 LVV-113 (p. 1a)	LVV-T90 LDM-639		Not Executed
	DMS-REQ-0282-V-02 LVV-18881 (p. 1a)	LVV-T1862 LDM-639		Not Executed
DMS-REQ-0283 LSE-61 (p. 1b)	DMS-REQ-0283-V-01 LVV-114 (p. 1b)	LVV-T91 LDM-639		Not Executed
DMS-REQ-0284 LSE-61 (p. 1b)	DMS-REQ-0284-V-01 LVV-115 (p. 1b)	LVV-T107 LDM-639		Not Executed
		LVV-T283 LDM-639	2019-05-22 LVV-P45	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T284 LDM-639	2019-06-24 LVV-P10	Passed
		LVV-T286 LDM-639	2019-05-22 LVV-P45	Passed
DMS-REQ-0285 LSE-61 (p. 1b)	DMS-REQ-0285-V-01 LVV-116 (p. 1b)	LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T108 LDM-639		Not Executed
		LVV-T550 LSE-419		Not Executed
DMS-REQ-0286 LSE-61 (p. 2)	DMS-REQ-0286-V-01 LVV-117 (p. 2)	LVV-T109 LDM-639		Not Executed
DMS-REQ-0287 LSE-61 (p. 1b)	DMS-REQ-0287-V-01 LVV-118 (p. 1b)	LVV-T110 LDM-639		Not Executed
	DMS-REQ-0287-V-02 LVV-9746 (p. 1b)	LVV-T110 LDM-639		Not Executed
	DMS-REQ-0287-V-03 LVV-9747 (p. 1b)	LVV-T110 LDM-639		Not Executed
DMS-REQ-0288 LSE-61 (p. 2)	DMS-REQ-0288-V-01 LVV-119 (p. 2)	LVV-T111 LDM-639		Not Executed
DMS-REQ-0289 LSE-61 (p. 1a)	DMS-REQ-0289-V-01 LVV-120 (p. 1a)	LVV-T115 LDM-639	LVV-P72	Not Executed
		LVV-T1935 LVV-P76	2020-10-28	Passed
		LVV-T1987 LVV-P77		Not Executed
DMS-REQ-0290 LSE-61 (p. 2)	DMS-REQ-0290-V-01 LVV-121 (p. 2)	LVV-T122 LDM-639		Not Executed
DMS-REQ-0291 LSE-61 (p. 1b)	DMS-REQ-0291-V-01 LVV-122 (p. 1b)	LVV-T96 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0292 LSE-61 (p. 1a)	DMS-REQ-0292-V-01 LVV-123 (p. 1a)	LVV-T97 LDM-639		Not Executed
DMS-REQ-0293 LSE-61 (p. 1a)	DMS-REQ-0293-V-01 LVV-124 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T98 LDM-639		Not Executed
		LVV-T1986		Not Executed
DMS-REQ-0294 LSE-61 (p. 1b)	DMS-REQ-0294-V-01 LVV-125 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T99 LDM-639		Not Executed
		LVV-T1986		Not Executed
DMS-REQ-0295 LSE-61 (p. 2)	DMS-REQ-0295-V-01 LVV-126 (p. 2)	LVV-T100 LDM-639		Not Executed
DMS-REQ-0296 LSE-61 (p. 1a)	DMS-REQ-0296-V-01 LVV-127 (p. 1a)	LVV-T132 LDM-639	2020-02-06 LVV-P65	Passed
		LVV-T362 LDM-639	2021-04-27 LVV-P82	Pass w/Deviation
DMS-REQ-0297 LSE-61 (p. 1a)	DMS-REQ-0297-V-01 LVV-128 (p. 1a)	LVV-T146 LDM-639	LVV-P71	Not Executed
DMS-REQ-0298 LSE-61 (p. 1a)	DMS-REQ-0298-V-01 LVV-129 (p. 1a)	LVV-T136 LDM-639		Not Executed
		LVV-T368 LDM-639		Not Executed
		LVV-T374 LDM-639	2018-12-06 LVV-P16	Passed
DMS-REQ-0299 LSE-61 (p. 1a)	DMS-REQ-0299-V-01 LVV-130 (p. 1a)	LVV-T137 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T374 LDM-639	2018-12-06 LVV-P16	Passed
		LVV-T1934	2020-10-28 LVV-P76	Passed
		LVV-T1935	2020-10-28 LVV-P76	Passed
		LVV-T1985	LVV-P77	Not Executed
		LVV-T2007		Not Executed
DMS-REQ-0300 LSE-61 (p. 1b)	DMS-REQ-0300-V-01 LVV-131 (p. 1b)	LVV-T138 LDM-639		Not Executed
DMS-REQ-0301 LSE-61 (p. 1b)	DMS-REQ-0301-V-01 LVV-132 (p. 1b)	LVV-T147 LDM-639		Not Executed
DMS-REQ-0302 LSE-61 (p. 1a)	DMS-REQ-0302-V-01 LVV-133 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T140 LDM-639		Not Executed
DMS-REQ-0303 LSE-61 (p. 1a)	DMS-REQ-0303-V-01 LVV-134 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T141 LDM-639		Not Executed
DMS-REQ-0304 LSE-61 (p. 1a)	DMS-REQ-0304-V-01 LVV-135 (p. 1a)	LVV-T142 LDM-639		Not Executed
DMS-REQ-0305 LSE-61 (p. 1a)	DMS-REQ-0305-V-01 LVV-136 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T144 LDM-639	LVV-P71	Not Executed
DMS-REQ-0306 LSE-61 (p. 1a)	DMS-REQ-0306-V-01 LVV-137 (p. 1a)	LVV-T11 LDM-639	2019-05-22 LVV-P43	Passed



Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T145 LDM-639	LVV-P71	Not Executed
DMS-REQ-0307 LSE-61 (p. 2)	DMS-REQ-0307-V-01 LVV-138 (p. 2)	LVV-T148 LDM-639		Not Executed
DMS-REQ-0308 LSE-61 (p. 1b)	DMS-REQ-0308-V-01 LVV-139 (p. 1b)	LVV-T10 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T17 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T124 LDM-639		Not Executed
		LVV-T216 LDM-639	2018-07-17	Pass w/Deviation
		LVV-T362 LDM-639	2021-04-27 LVV-P82	Pass w/Deviation
		LVV-T363 LDM-639	2021-04-27 LVV-P82	Passed
DMS-REQ-0309 LSE-61 (p. 1a)	DMS-REQ-0309-V-01 LVV-140 (p. 1a)	LVV-T154 LDM-639		Not Executed
		LVV-T287 LDM-639		Not Executed
		LVV-T454 LDM-639	2019-09-16 LVV-P32	Passed
DMS-REQ-0310 LSE-61 (p. 1b)	DMS-REQ-0310-V-01 LVV-141 (p. 1b)	LVV-T155 LDM-639		Not Executed
DMS-REQ-0311 LSE-61 (p. 1b)	DMS-REQ-0311-V-01 LVV-142 (p. 1b)	LVV-T156 LDM-639		Not Executed
DMS-REQ-0312 LSE-61 (p. 1b)	DMS-REQ-0312-V-01 LVV-143 (p. 1b)	LVV-T157 LDM-639		Not Executed
DMS-REQ-0313 LSE-61 (p. 1b)	DMS-REQ-0313-V-01 LVV-144 (p. 1b)	LVV-T158 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status	
DMS-REQ-0314 LSE-61 (p. 1b)	DMS-REQ-0314-V-01 LVV-145 (p. 1b)	LVV-T179		Not Executed	
		LDM-639			
		LVV-T287		Not Executed	
		LDM-639			
DMS-REQ-0315 LSE-61 (p. 1a)	DMS-REQ-0315-V-01 LVV-146 (p. 1a)	LVV-T183		Not Executed	
		LDM-639			
		LVV-T283	2019-05-22		Passed
		LDM-639	LVV-P45		
		LVV-T284	2019-06-24		
LDM-639	LVV-P10				
LVV-T1549	2020-08-20				
LDM-639	LVV-P50	Passed			
LVV-T1556	2020-09-03				
LDM-639	LVV-P55	Passed			
DMS-REQ-0316 LSE-61 (p. 1a)	DMS-REQ-0316-V-01 LVV-147 (p. 1a)	LVV-T191		Not Executed	
		LDM-639	LVV-P72		
DMS-REQ-0317 LSE-61 (p. 2)	DMS-REQ-0317-V-01 LVV-148 (p. 2)	LVV-T55		Not Executed	
		LDM-639			
DMS-REQ-0318 LSE-61 (p. 1b)	DMS-REQ-0318-V-01 LVV-149 (p. 1b)	LVV-T180		Not Executed	
		LDM-639			
		LVV-T287		Not Executed	
		LDM-639			
DMS-REQ-0319 LSE-61 (p. 1b)	DMS-REQ-0319-V-01 LVV-150 (p. 1b)	LVV-T56		Not Executed	
		LDM-639			
DMS-REQ-0320 LSE-61 (p. 2)	DMS-REQ-0320-V-01 LVV-151 (p. 2)	LVV-T92		Not Executed	
		LDM-639			
DMS-REQ-0321 LSE-61 (p. 2)	DMS-REQ-0321-V-01 LVV-152 (p. 2)	LVV-T93		Not Executed	
		LDM-639			
DMS-REQ-0322 LSE-61 (p. 1b)	DMS-REQ-0322-V-01 LVV-153 (p. 1b)	LVV-T94		Not Executed	
		LDM-639			

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0323 LSE-61 (p. 3)	DMS-REQ-0323-V-01 LVV-154 (p. 3)	LVV-T57 LDM-639		Not Executed
DMS-REQ-0324 LSE-61 (p. 1b)	DMS-REQ-0324-V-01 LVV-155 (p. 1b)	LVV-T58 LDM-639		Not Executed
DMS-REQ-0325 LSE-61 (p. 2)	DMS-REQ-0325-V-01 LVV-156 (p. 2)	LVV-T59 LDM-639		Not Executed
DMS-REQ-0326 LSE-61 (p. 2)	DMS-REQ-0326-V-01 LVV-157 (p. 2)	LVV-T23 LDM-639		Not Executed
DMS-REQ-0327 LSE-61 (p. 1b)	DMS-REQ-0327-V-01 LVV-158 (p. 1b)	LVV-T15 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T19 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T43 LDM-639	2020-01-23 LVV-P65	Passed
DMS-REQ-0328 LSE-61 (p. 1b)	DMS-REQ-0328-V-01 LVV-159 (p. 1b)	LVV-T44 LDM-639		Not Executed
DMS-REQ-0329 LSE-61 (p. 2)	DMS-REQ-0329-V-01 LVV-160 (p. 2)	LVV-T76 LDM-639		Not Executed
DMS-REQ-0330 LSE-61 (p. 2)	DMS-REQ-0330-V-01 LVV-161 (p. 2)	LVV-T77 LDM-639		Not Executed
DMS-REQ-0331 LSE-61 (p. 1b)	DMS-REQ-0331-V-01 LVV-162 (p. 1b)	LVV-T13 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T14 LDM-639	2019-05-22 LVV-P43	Pass w/Deviation
		LVV-T21 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T24 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0332 LSE-61 (p. 2)	DMS-REQ-0332-V-01 LVV-163 (p. 2)	LVV-T25 LDM-639		Not Executed
DMS-REQ-0333 LSE-61 (p. 1b)	DMS-REQ-0333-V-01 LVV-164 (p. 1b)	LVV-T26 LDM-639		Not Executed
DMS-REQ-0334 LSE-61 (p. 1b)	DMS-REQ-0334-V-01 LVV-165 (p. 1b)	LVV-T12 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T13 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T14 LDM-639	2019-05-22 LVV-P43	Pass w/Deviation
		LVV-T15 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T16 LDM-639	2019-05-22 LVV-P43	Passed
		LVV-T78 LDM-639		Not Executed
DMS-REQ-0335 LSE-61 (p. 2)	DMS-REQ-0335-V-01 LVV-166 (p. 2)	LVV-T79 LDM-639		Not Executed
DMS-REQ-0336 LSE-61 (p. 1b)	DMS-REQ-0336-V-01 LVV-167 (p. 1b)	LVV-T159 LDM-639		Not Executed
DMS-REQ-0337 LSE-61 (p. 2)	DMS-REQ-0337-V-01 LVV-168 (p. 2)	LVV-T80 LDM-639		Not Executed
DMS-REQ-0338 LSE-61 (p. 2)	DMS-REQ-0338-V-01 LVV-169 (p. 2)	LVV-T81 LDM-639		Not Executed
DMS-REQ-0339 LSE-61 (p. 1a)	DMS-REQ-0339-V-01 LVV-170 (p. 1a)	LVV-T82 LDM-639		Not Executed
DMS-REQ-0340 LSE-61 (p. 2)	DMS-REQ-0340-V-01 LVV-171 (p. 2)	LVV-T123 LDM-639		Not Executed
DMS-REQ-0341 LSE-61 (p. 1b)	DMS-REQ-0341-V-01 LVV-172 (p. 1b)	LVV-T160 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DMS-REQ-0341-V-02 LVV-9749 (p. 1b)			
DMS-REQ-0342 LSE-61 (p. 2)	DMS-REQ-0342-V-01 LVV-173 (p. 2)	LVV-T112 LDM-639		Not Executed
		LVV-T218 LDM-639	2018-07-04	Pass w/Deviation
DMS-REQ-0343 LSE-61 (p. 2)	DMS-REQ-0343-V-01 LVV-174 (p. 2)	LVV-T113 LDM-639		Not Executed
		LVV-T218 LDM-639	2018-07-04	Pass w/Deviation
	DMS-REQ-0343-V-02 LVV-9748 (p. 2)	LVV-T1252 LDM-639		Not Executed
DMS-REQ-0004 LSE-61 (p. 1b)	DMS-REQ-0004-V-01 LVV-175 (p. 1b)	LVV-T35 LDM-639		Not Executed
		LVV-T95 LDM-639		Not Executed
	DMS-REQ-0004-V-02 LVV-9740 (p. 1b)	LVV-T1276 LDM-639		Not Executed
	DMS-REQ-0004-V-03 LVV-9803 (p. 1b)	LVV-T102 LDM-639		Not Executed
DMS-REQ-0345 LSE-61 (p. 2)	DMS-REQ-0345-V-01 LVV-176 (p. 2)	LVV-T161 LDM-639		Not Executed
DMS-REQ-0346 LSE-61 (p. 1b)	DMS-REQ-0346-V-01 LVV-177 (p. 1b)	LVV-T27 LDM-639		Not Executed
		LVV-T286 LDM-639	2019-05-22 LVV-P45	Passed
		LVV-T1934 LVV-P76	2020-10-28	Passed
DMS-REQ-0347 LSE-61 (p. 1b)	DMS-REQ-0347-V-01 LVV-178 (p. 1b)	LVV-T13 LDM-639	2019-05-22 LVV-P43	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T14 LDM-639	2019-05-22 LVV-P43	Pass w/Deviation
		LVV-T21 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T22 LDM-639	2019-05-22 LVV-P44	Passed
		LVV-T28 LDM-639	2020-08-19 LVV-P71	Passed
		LVV-T1946 LDM-639	2020-08-18 LVV-P71	Passed
		LVV-T1947 LDM-639	2020-08-18 LVV-P71	Failed
DMS-REQ-0348 LSE-61 (p. 2)	DMS-REQ-0348-V-01 LVV-179 (p. 2)	LVV-T114 LDM-639		Not Executed
		LVV-T218 LDM-639	2018-07-04	Pass w/Deviation
DMS-REQ-0349 LSE-61 (p. 2)	DMS-REQ-0349-V-01 LVV-180 (p. 2)	LVV-T71 LDM-639		Not Executed
DMS-REQ-0350 LSE-61 (p. 2)	DMS-REQ-0350-V-01 LVV-181 (p. 2)	LVV-T116 LDM-639		Not Executed
DMS-REQ-0351 LSE-61 (p. 1a)	DMS-REQ-0351-V-01 LVV-182 (p. 1a)	LVV-T133 LDM-639	2020-09-29 LVV-P71	Passed
DMS-REQ-0352 LSE-61 (p. 2)	DMS-REQ-0352-V-01 LVV-183 (p. 2)	LVV-T192 LDM-639		Not Executed
	DMS-REQ-0352-V-02 LVV-18491 (p. 2)	LVV-T181 LDM-639		Not Executed
DMS-REQ-0353 LSE-61 (p. 1b)	DMS-REQ-0353-V-01 LVV-184 (p. 1b)	LVV-T60 LDM-639		Not Executed
DMS-REQ-0354 LSE-61 (p. 1b)	DMS-REQ-0354-V-01 LVV-185 (p. 1b)	LVV-T1086 LDM-639	2019-07-08 LVV-P46	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1087 LDM-639	2019-07-08 LVV-P46	Passed
		LVV-T1088 LDM-639	2019-07-09 LVV-P46	Passed
		LVV-T1089 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
		LVV-T1090 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
DMS-REQ-0355 LSE-61 (p. 1b)	DMS-REQ-0355-V-01 LVV-186 (p. 1b)			
	DMS-REQ-0355-V-02 LVV-9784 (p. 1b)			
DMS-REQ-0356 LSE-61 (p. 1b)	DMS-REQ-0356-V-01 LVV-187 (p. 1b)			
	DMS-REQ-0356-V-02 LVV-9785 (p. 1b)			
	DMS-REQ-0356-V-03 LVV-9786 (p. 1b)	LVV-T1089 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
		LVV-T1090 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
	DMS-REQ-0356-V-04 LVV-9787 (p. 1b)	LVV-T1085 LDM-639	2019-07-08 LVV-P46	Passed
		LVV-T1089 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
		LVV-T1090 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
DMS-REQ-0357 LSE-61 (p. 1b)	DMS-REQ-0357-V-01 LVV-188 (p. 1b)	LVV-T1086 LDM-639	2019-07-08 LVV-P46	Passed
		LVV-T1088 LDM-639	2019-07-09 LVV-P46	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1089 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
		LVV-T1090 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
DMS-REQ-0363 LSE-61 (p. 3)	DMS-REQ-0363-V-01 LVV-189 (p. 3)	LVV-T162 LDM-639		Not Executed
DMS-REQ-0364 LSE-61 (p. 3)	DMS-REQ-0364-V-01 LVV-190 (p. 3)	LVV-T163 LDM-639		Not Executed
	DMS-REQ-0364-V-02 LVV-9750 (p. 3)			
DMS-REQ-0365 LSE-61 (p. 2)	DMS-REQ-0365-V-01 LVV-191 (p. 2)	LVV-T164 LDM-639		Not Executed
DMS-REQ-0366 LSE-61 (p. 2)	DMS-REQ-0366-V-01 LVV-192 (p. 2)	LVV-T165 LDM-639		Not Executed
DMS-REQ-0367 LSE-61 (p. 2)	DMS-REQ-0367-V-01 LVV-193 (p. 2)	LVV-T166 LDM-639		Not Executed
DMS-REQ-0368 LSE-61 (p. 3)	DMS-REQ-0368-V-01 LVV-194 (p. 3)	LVV-T167 LDM-639		Not Executed
DMS-REQ-0369 LSE-61 (p. 1b)	DMS-REQ-0369-V-01 LVV-195 (p. 1b)	LVV-T168 LDM-639		Not Executed
DMS-REQ-0370 LSE-61 (p. 3)	DMS-REQ-0370-V-01 LVV-196 (p. 3)	LVV-T169 LDM-639		Not Executed
DMS-REQ-0371 LSE-61 (p. 3)	DMS-REQ-0371-V-01 LVV-197 (p. 3)	LVV-T170 LDM-639		Not Executed
DMS-REQ-0377 LSE-61 (p. 1b)	DMS-REQ-0377-V-01 LVV-3394 (p. 1b)	LVV-T385 LDM-639		Not Executed
	DMS-REQ-0377-V-02 LVV-9797 (p. 1b)	LVV-T1332 LDM-639		Not Executed
DMS-REQ-0374 LSE-61 (p. 1b)	DMS-REQ-0374-V-01 LVV-3395 (p. 1b)			



Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DMS-REQ-0374-V-02 LVV-9790 (p. 1b)			
	DMS-REQ-0374-V-03 LVV-9791 (p. 1b)			
DMS-REQ-0376 LSE-61 (p. 1b)	DMS-REQ-0376-V-01 LVV-3396 (p. 1b)			
	DMS-REQ-0376-V-02 LVV-9795 (p. 1b)			
	DMS-REQ-0376-V-03 LVV-9796 (p. 1b)			
DMS-REQ-0373 LSE-61 (p. 2)	DMS-REQ-0373-V-01 LVV-3397 (p. 2)			
	DMS-REQ-0373-V-02 LVV-9789 (p. 2)			
DMS-REQ-0375 LSE-61 (p. 2)	DMS-REQ-0375-V-01 LVV-3398 (p. 2)			
	DMS-REQ-0375-V-02 LVV-9792 (p. 2)			
	DMS-REQ-0375-V-03 LVV-9793 (p. 2)			
	DMS-REQ-0375-V-04 LVV-9794 (p. 2)	LVV-T2302 LDM-639		<b>Not Executed</b>
DMS-REQ-0378 LSE-61 (p. 2)	DMS-REQ-0378-V-01 LVV-3399 (p. 2)			
DMS-REQ-0358 LSE-61 (p. 1a)	DMS-REQ-0358-V-01 LVV-3400 (p. 1a)	LVV-T1250 LDM-639		<b>Not Executed</b>
	DMS-REQ-0358-V-02 LVV-9788 (p. 1a)	LVV-T1251 LDM-639		<b>Not Executed</b>
DMS-REQ-0359 LSE-61 (p. 1a)	DMS-REQ-0359-V-01 LVV-3401 (p. 1a)	LVV-T1756 LDM-639	2020-09-29 LVV-P71	<b>Not Executed</b>

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DMS-REQ-0359-V-02 LVV-9751 (p. 1a)	LVV-T377 LDM-639		Not Executed
		LVV-T1847 LDM-639		Not Executed
	DMS-REQ-0359-V-03 LVV-9752 (p. 1a)	LVV-T1758 LDM-639	2020-09-29 LVV-P71	Not Executed
		LVV-T1759 LDM-639	2020-09-29 LVV-P71	Passed
	DMS-REQ-0359-V-04 LVV-9753 (p. 1a)	LVV-T377 LDM-639		Not Executed
		LVV-T1846 LDM-639		Not Executed
	DMS-REQ-0359-V-05 LVV-9754 (p. 1a)	LVV-T1759 LDM-639	2020-09-29 LVV-P71	Passed
	DMS-REQ-0359-V-06 LVV-9755 (p. 1a)	LVV-T377 LDM-639		Not Executed
		LVV-T1845 LDM-639		Not Executed
	DMS-REQ-0359-V-07 LVV-9756 (p. 1a)	LVV-T377 LDM-639		Not Executed
		LVV-T1844 LDM-639		Not Executed
	DMS-REQ-0359-V-08 LVV-9757 (p. 1a)	LVV-T377 LDM-639		Not Executed
		LVV-T1843 LDM-639		Not Executed
	DMS-REQ-0359-V-09 LVV-9758 (p. 1a)	LVV-T1758 LDM-639	2020-09-29 LVV-P71	Not Executed
	DMS-REQ-0359-V-10 LVV-9759 (p. 1a)	LVV-T1757 LDM-639	2020-09-29 LVV-P71	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0359-V-11 LVV-9760 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1842 LDM-639		Not Executed
DMS-REQ-0359-V-12 LVV-9761 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1841 LDM-639		Not Executed
DMS-REQ-0359-V-13 LVV-9762 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1840 LDM-639		Not Executed
DMS-REQ-0359-V-14 LVV-9763 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1839 LDM-639		Not Executed
DMS-REQ-0359-V-15 LVV-9764 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1838 LDM-639		Not Executed
DMS-REQ-0359-V-16 LVV-9765 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1837 LDM-639		Not Executed
DMS-REQ-0359-V-17 LVV-9766 (p. 1a)		LVV-T377 LDM-639		Not Executed
		LVV-T1836 LDM-639		Not Executed
DMS-REQ-0359-V-18 LVV-18339 (p. 1a)		LVV-T2202 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0360 LSE-61 (p. 1a)	DMS-REQ-0360-V-01 LVV-3402 (p. 1a)	LVV-T363	2021-04-27	<b>Passed</b>
		LDM-639	LVV-P82	
		LVV-T1745	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-02 LVV-9767 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1746	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-03 LVV-9768 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1747	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-04 LVV-9769 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1748	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-05 LVV-9770 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1749	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-06 LVV-9771 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1750	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-07 LVV-9773 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		
		LVV-T1746	2020-02-06	<b>Passed</b>
		LDM-639	LVV-P65	
	DMS-REQ-0360-V-08 LVV-9774 (p. 1a)	LVV-T378		<b>Not Executed</b>
		LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1751 LDM-639	2020-02-06 LVV-P65	Passed
	DMS-REQ-0360-V-09 LVV-9775 (p. 1a)	LVV-T378 LDM-639		Not Executed
	DMS-REQ-0360-V-10 LVV-9776 (p. 1a)	LVV-T378 LDM-639		Not Executed
		LVV-T1749 LDM-639	2020-02-06 LVV-P65	Passed
	DMS-REQ-0360-V-11 LVV-9777 (p. 1a)	LVV-T378 LDM-639		Not Executed
		LVV-T1750 LDM-639	2020-02-06 LVV-P65	Passed
	DMS-REQ-0360-V-12 LVV-9778 (p. 1a)	LVV-T378 LDM-639		Not Executed
		LVV-T1753 LDM-639	2020-02-06 LVV-P65	Passed
	DMS-REQ-0360-V-13 LVV-9779 (p. 1a)	LVV-T378 LDM-639		Not Executed
		LVV-T1752 LDM-639	2020-02-06 LVV-P65	Passed
DMS-REQ-0361 LSE-61 (p. 1b)	DMS-REQ-0361-V-01 LVV-3403 (p. 1b)	LVV-T1088 LDM-639	2019-07-09 LVV-P46	Passed
		LVV-T1089 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
		LVV-T1090 LDM-639	2019-07-09 LVV-P46	Pass w/Deviation
DMS-REQ-0362 LSE-61 (p. 1b)	DMS-REQ-0362-V-01 LVV-3404 (p. 1b)	LVV-T376 LDM-639		Not Executed
		LVV-T1754 LDM-639	2020-02-06 LVV-P65	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DMS-REQ-0362-V-02 LVV-9780 (p. 1b)	LVV-T376 LDM-639		Not Executed
	DMS-REQ-0362-V-03 LVV-9781 (p. 1b)	LVV-T2176 LDM-639		Not Executed
	DMS-REQ-0362-V-04 LVV-9782 (p. 1b)	LVV-T1755 LDM-639	2020-02-07 LVV-P65	Passed
	DMS-REQ-0362-V-05 LVV-9783 (p. 1b)	LVV-T2177 LDM-639		Not Executed
DMS-REQ-0372 LSE-61 (p. 1a)	DMS-REQ-0372-V-01 LVV-9637 (p. 1a)	LVV-T1264 LDM-639	2020-11-07 LVV-P71	Passed
DMS-REQ-0344 LSE-61 (p. 2)	DMS-REQ-0344-V-02 LVV-9744 (p. 2)	LVV-T1866 LDM-639		Not Executed
	DMS-REQ-0344-V-01 LVV-18229 (p. 2)	LVV-T1865 LDM-639		Not Executed
DMS-REQ-0384 LSE-61 (p. 1b)	DMS-REQ-0384-V-01 LVV-18222 (p. 1b)	LVV-T1524 LDM-639		Not Executed
DMS-REQ-0381 LSE-61 (p. 2)	DMS-REQ-0381-V-01 LVV-18223 (p. 2)	LVV-T1525 LDM-639		Not Executed
DMS-REQ-0380 LSE-61 (p. 1b)	DMS-REQ-0380-V-01 LVV-18224 (p. 1b)	LVV-T1526 LDM-639		Not Executed
DMS-REQ-0382 LSE-61 (p. 1b)	DMS-REQ-0382-V-01 LVV-18225 (p. 1b)	LVV-T1527 LDM-639		Not Executed
DMS-REQ-0385 LSE-61 (p. 1b)	DMS-REQ-0385-V-01 LVV-18226 (p. 1b)	LVV-T1528 LDM-639		Not Executed
DMS-REQ-0379 LSE-61 (p. 1b)	DMS-REQ-0379-V-01 LVV-18227 (p. 1b)	LVV-T1529 LDM-639		Not Executed
DMS-REQ-0383 LSE-61 (p. 1b)	DMS-REQ-0383-V-01 LVV-18228 (p. 1b)	LVV-T1530 LDM-639		Not Executed
DMS-REQ-0386 LSE-61 (p. 1b)	DMS-REQ-0386-V-01 LVV-18230 (p. 1b)	LVV-T1560 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0387 LSE-61 (p. 1b)	DMS-REQ-0387-V-01 LVV-18231 (p. 1b)	LVV-T1561 LDM-639		<b>Not Executed</b>
DMS-REQ-0388 LSE-61 (p. 1b)	DMS-REQ-0388-V-01 LVV-18232 (p. 1b)	LVV-T1562 LDM-639		<b>Not Executed</b>
DMS-REQ-0390 LSE-61 (p. 1b)	DMS-REQ-0390-V-01 LVV-18233 (p. 1b)	LVV-T1563 LDM-639		<b>Not Executed</b>
DMS-REQ-0389 LSE-61 (p. 1b)	DMS-REQ-0389-V-01 LVV-18234 (p. 1b)	LVV-T1564 LDM-639		<b>Not Executed</b>
DMS-REQ-0394 LSE-61 (p. 1a)	DMS-REQ-0394-V-01 LVV-18295 (p. 1a)	LVV-T1831 LDM-639		<b>Not Executed</b>
DMS-REQ-0391 LSE-61 (p. 2)	DMS-REQ-0391-V-01 LVV-18297 (p. 2)	LVV-T1867 LDM-639		<b>Not Executed</b>
	DMS-REQ-0391-V-02 LVV-18911 (p. 2)	LVV-T1868 LDM-639		<b>Not Executed</b>
DMS-REQ-0392 LSE-61 (p. 2)	DMS-REQ-0392-V-01 LVV-18298 (p. 2)	LVV-T2091 LDM-639		<b>Not Executed</b>
	DMS-REQ-0392-V-02 LVV-19214 (p. 2)	LVV-T2092 LDM-639		<b>Not Executed</b>
	DMS-REQ-0392-V-03 LVV-19215 (p. 2)	LVV-T2093 LDM-639		<b>Not Executed</b>
	DMS-REQ-0392-V-04 LVV-19216 (p. 2)	LVV-T2094 LDM-639		<b>Not Executed</b>
	DMS-REQ-0392-V-05 LVV-19218 (p. 2)	LVV-T2095 LDM-639		<b>Not Executed</b>
DMS-REQ-0393 LSE-61 (p. 2)	DMS-REQ-0393-V-01 LVV-18299 (p. 2)	LVV-T2097 LDM-639		<b>Not Executed</b>
	DMS-REQ-0393-V-02 LVV-19217 (p. 2)	LVV-T2094 LDM-639		<b>Not Executed</b>
		LVV-T2096 LDM-639		<b>Not Executed</b>

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0395 LSE-61 (p. 1a)	DMS-REQ-0395-V-01 LVV-18465 (p. 1a)	LVV-T1830 LDM-639	LVV-P72	<b>Not Executed</b>
DMS-REQ-0396 LSE-61 (p. 2)	DMS-REQ-0396-V-01 LVV-18841 (p. 2)			
DMS-REQ-0397 LSE-61 (p. 2)	DMS-REQ-0397-V-01 LVV-18847 (p. 2)	LVV-T1863 LDM-639		<b>Not Executed</b>
DMS-REQ-0003 LSE-61 (p. 1a)	DMS-REQ-0003-V-01 LVV-19488 (p. 1a)	LVV-T2297 LDM-639		<b>Not Executed</b>
DMS-REQ-0398 LSE-61 (p. 1a)	DMS-REQ-0398-V-01 LVV-19489 (p. 1a)			
DMS-REQ-0066 LSE-61 (p. 1a)	DMS-REQ-0066-V-01 LVV-19490 (p. 1a)	LVV-T2303 LDM-639		<b>Not Executed</b>
DMS-REQ-0399 LSE-61 (p. 1b)	DMS-REQ-0399-V-01 LVV-19491 (p. 1b)			

### 3.2 LSE-68 Requirements Coverage

Table 4: DM LSE-68 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-DAQ-ICD-0094 LSE-68	CA-DM-DAQ-ICD-0094-V-03 LVV-4669			
	CA-DM-DAQ-ICD-0094-V-04 LVV-4670			
CA-DM-DAQ-ICD-0082 LSE-68	CA-DM-DAQ-ICD-0082-V-03 LVV-4675			
	CA-DM-DAQ-ICD-0082-V-04 LVV-4676			
CA-DM-DAQ-ICD-0093 LSE-68	CA-DM-DAQ-ICD-0093-V-03 LVV-4729			



Table 4: DM LSE-68 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	CA-DM-DAQ-ICD-0093-V-04			
	LWV-4730			
CA-DM-DAQ-ICD-0097	CA-DM-DAQ-ICD-0097-V-03			
LSE-68	LWV-4735			
	CA-DM-DAQ-ICD-0097-V-04			
	LWV-4736			
CA-DM-DAQ-ICD-0058	CA-DM-DAQ-ICD-0058-V-03			
LSE-68	LWV-4741			
	CA-DM-DAQ-ICD-0058-V-04			
	LWV-4742			
CA-DM-DAQ-ICD-0059	CA-DM-DAQ-ICD-0059-V-03			
LSE-68	LWV-4747			
	CA-DM-DAQ-ICD-0059-V-04			
	LWV-4748			
CA-DM-DAQ-ICD-0060	CA-DM-DAQ-ICD-0060-V-03			
LSE-68	LWV-4753			
	CA-DM-DAQ-ICD-0060-V-04			
	LWV-4754			
CA-DM-DAQ-ICD-0081	CA-DM-DAQ-ICD-0081-V-03			
LSE-68	LWV-4759			
	CA-DM-DAQ-ICD-0081-V-04			
	LWV-4760			
CA-DM-DAQ-ICD-0047	CA-DM-DAQ-ICD-0047-V-03			
LSE-68	LWV-4765			
	CA-DM-DAQ-ICD-0047-V-04			
	LWV-4766			
CA-DM-DAQ-ICD-0098	CA-DM-DAQ-ICD-0098-V-03			
LSE-68	LWV-4771			
	CA-DM-DAQ-ICD-0098-V-04			
	LWV-4772			

Table 4: DM LSE-68 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
CA-DM-DAQ-ICD-0100 LSE-68	CA-DM-DAQ-ICD-0100-V-03			
	LW-4777			
CA-DM-DAQ-ICD-0100 LSE-68	CA-DM-DAQ-ICD-0100-V-04			
	LW-4778			
CA-DM-DAQ-ICD-0092 LSE-68	CA-DM-DAQ-ICD-0092-V-03			
	LW-4783			
CA-DM-DAQ-ICD-0092 LSE-68	CA-DM-DAQ-ICD-0092-V-04			
	LW-4784			
CA-DM-DAQ-ICD-0084 LSE-68	CA-DM-DAQ-ICD-0084-V-03			
	LW-4789			
CA-DM-DAQ-ICD-0084 LSE-68	CA-DM-DAQ-ICD-0084-V-04			
	LW-4790			
CA-DM-DAQ-ICD-0099 LSE-68	CA-DM-DAQ-ICD-0099-V-03			
	LW-4795			
CA-DM-DAQ-ICD-0099 LSE-68	CA-DM-DAQ-ICD-0099-V-04			
	LW-4796			
CA-DM-DAQ-ICD-0085 LSE-68	CA-DM-DAQ-ICD-0085-V-03			
	LW-4801			
CA-DM-DAQ-ICD-0085 LSE-68	CA-DM-DAQ-ICD-0085-V-04			
	LW-4802			
CA-DM-DAQ-ICD-0086 LSE-68	CA-DM-DAQ-ICD-0086-V-03			
	LW-4807			
CA-DM-DAQ-ICD-0086 LSE-68	CA-DM-DAQ-ICD-0086-V-04			
	LW-4808			
CA-DM-DAQ-ICD-0091 LSE-68	CA-DM-DAQ-ICD-0091-V-03			
	LW-4819			
CA-DM-DAQ-ICD-0091 LSE-68	CA-DM-DAQ-ICD-0091-V-04			
	LW-4820			
CA-DM-DAQ-ICD-0075 LSE-68	CA-DM-DAQ-ICD-0075-V-03			
CA-DM-DAQ-ICD-0075 LSE-68	LW-4825			

Table 4: DM LSE-68 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	CA-DM-DAQ-ICD-0075-V-04			
	LWV-4826			
CA-DM-DAQ-ICD-0080	CA-DM-DAQ-ICD-0080-V-03			
LSE-68	LWV-4831			
	CA-DM-DAQ-ICD-0080-V-04			
	LWV-4832			

### 3.3 LSE-69 Requirements Coverage

Table 5: DM LSE-69 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-CON-ICD-0003	CA-DM-CON-ICD-0003-V-03			
LSE-69	LWV-4843			
	CA-DM-CON-ICD-0003-V-04			
	LWV-4844			
CA-DM-CON-ICD-0004	CA-DM-CON-ICD-0004-V-03			
LSE-69	LWV-4849			
	CA-DM-CON-ICD-0004-V-04			
	LWV-4850			
CA-DM-CON-ICD-0019	CA-DM-CON-ICD-0019-V-03			
LSE-69	LWV-4855			
	CA-DM-CON-ICD-0019-V-04			
	LWV-4856			
CA-DM-CON-ICD-0008	CA-DM-CON-ICD-0008-V-03			
LSE-69	LWV-4861			
	CA-DM-CON-ICD-0008-V-04			
	LWV-4862			
CA-DM-CON-ICD-0002	CA-DM-CON-ICD-0002-V-03			
LSE-69	LWV-4873			

Table 5: DM LSE-69 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	CA-DM-CON-ICD-0002-V-04			
	LWV-4874			
CA-DM-CON-ICD-0005	CA-DM-CON-ICD-0005-V-03			
LSE-69	LWV-4879			
	CA-DM-CON-ICD-0005-V-04			
	LWV-4880			
CA-DM-CON-ICD-0001	CA-DM-CON-ICD-0001-V-03			
LSE-69	LWV-4885			
	CA-DM-CON-ICD-0001-V-04			
	LWV-4886			
CA-DM-CON-ICD-0018	CA-DM-CON-ICD-0018-V-03			
LSE-69	LWV-4897			
	CA-DM-CON-ICD-0018-V-04			
	LWV-4898			
CA-DM-CON-ICD-0007	CA-DM-CON-ICD-0007-V-03			
LSE-69	LWV-4903			
	CA-DM-CON-ICD-0007-V-04			
	LWV-4904			
CA-DM-CON-ICD-0016	CA-DM-CON-ICD-0016-V-03			
LSE-69	LWV-4909			
	CA-DM-CON-ICD-0016-V-04			
	LWV-4910			
CA-DM-CON-ICD-0014	CA-DM-CON-ICD-0014-V-03			
LSE-69	LWV-4915			
	CA-DM-CON-ICD-0014-V-04			
	LWV-4916			
CA-DM-CON-ICD-0015	CA-DM-CON-ICD-0015-V-03			
LSE-69	LWV-4921			
	CA-DM-CON-ICD-0015-V-04			
	LWV-4922			

Table 5: DM LSE-69 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-CON-ICD-0020 LSE-69	CA-DM-CON-ICD-0020-V-02 LWV-18849			
CA-DM-CON-ICD-0022 LSE-69	CA-DM-CON-ICD-0022-V-02 LWV-18852			
CA-DM-CON-ICD-0023 LSE-69	CA-DM-CON-ICD-0023-V-02 LWV-18855			
CA-DM-CON-ICD-0021 LSE-69	CA-DM-CON-ICD-0021-V-02 LWV-18858			

### 3.4 LSE-72 Requirements Coverage

Table 6: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0040 LSE-72	OCS-DM-COM-ICD-0040-V-01 LWV-5237			
	OCS-DM-COM-ICD-0040-V-02 LWV-5238			
OCS-DM-COM-ICD-0009 LSE-72	OCS-DM-COM-ICD-0009-V-01 LWV-5243			
	OCS-DM-COM-ICD-0009-V-02 LWV-5244			
OCS-DM-COM-ICD-0013 LSE-72	OCS-DM-COM-ICD-0013-V-01 LWV-5249			
	OCS-DM-COM-ICD-0013-V-02 LWV-5250			
OCS-DM-COM-ICD-0015 LSE-72	OCS-DM-COM-ICD-0015-V-01 LWV-5255			

Table 6: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	OCS-DM-COM-ICD-0015-V-02			
	LW-5256			
OCS-DM-COM-ICD-0014 LSE-72	OCS-DM-COM-ICD-0014-V-01			
	LW-5261			
	OCS-DM-COM-ICD-0014-V-02			
	LW-5262			
OCS-DM-COM-ICD-0038 LSE-72	OCS-DM-COM-ICD-0038-V-01			
	LW-5267			
	OCS-DM-COM-ICD-0038-V-02			
	LW-5268			
OCS-DM-COM-ICD-0039 LSE-72	OCS-DM-COM-ICD-0039-V-01			
	LW-5273			
	OCS-DM-COM-ICD-0039-V-02			
	LW-5274			
OCS-DM-COM-ICD-0037 LSE-72	OCS-DM-COM-ICD-0037-V-01			
	LW-5279			
	OCS-DM-COM-ICD-0037-V-02			
	LW-5280			
OCS-DM-COM-ICD-0036 LSE-72	OCS-DM-COM-ICD-0036-V-01			
	LW-5285			
	OCS-DM-COM-ICD-0036-V-02			
	LW-5286			
OCS-DM-COM-ICD-0012 LSE-72	OCS-DM-COM-ICD-0012-V-01			
	LW-5291			
	OCS-DM-COM-ICD-0012-V-02			
	LW-5292			
OCS-DM-COM-ICD-0003 LSE-72	OCS-DM-COM-ICD-0003-V-01			
	LW-5297			
	OCS-DM-COM-ICD-0003-V-02			
	LW-5298			

Table 6: DM LSE-72 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
OCS-DM-COM-ICD-0034 LSE-72	OCS-DM-COM-ICD-0034-V-01			
	LW-5303			
OCS-DM-COM-ICD-0034 LSE-72	OCS-DM-COM-ICD-0034-V-02			
	LW-5304			
OCS-DM-COM-ICD-0032 LSE-72	OCS-DM-COM-ICD-0032-V-01			
	LW-5309			
OCS-DM-COM-ICD-0032 LSE-72	OCS-DM-COM-ICD-0032-V-02			
	LW-5310			
OCS-DM-COM-ICD-0006 LSE-72	OCS-DM-COM-ICD-0006-V-01			
	LW-5315			
OCS-DM-COM-ICD-0006 LSE-72	OCS-DM-COM-ICD-0006-V-02			
	LW-5316			
OCS-DM-COM-ICD-0004 LSE-72	OCS-DM-COM-ICD-0004-V-01			
	LW-5321			
OCS-DM-COM-ICD-0004 LSE-72	OCS-DM-COM-ICD-0004-V-02			
	LW-5322			
OCS-DM-COM-ICD-0008 LSE-72	OCS-DM-COM-ICD-0008-V-01			
	LW-5327			
OCS-DM-COM-ICD-0008 LSE-72	OCS-DM-COM-ICD-0008-V-02			
	LW-5328			
OCS-DM-COM-ICD-0033 LSE-72	OCS-DM-COM-ICD-0033-V-01			
	LW-5333			
OCS-DM-COM-ICD-0033 LSE-72	OCS-DM-COM-ICD-0033-V-02			
	LW-5334			
OCS-DM-COM-ICD-0005 LSE-72	OCS-DM-COM-ICD-0005-V-01			
	LW-5339			
OCS-DM-COM-ICD-0005 LSE-72	OCS-DM-COM-ICD-0005-V-02			
	LW-5340			
OCS-DM-COM-ICD-0035 LSE-72	OCS-DM-COM-ICD-0035-V-01			
	LW-5345			

Table 6: DM LSE-72 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
	OCS-DM-COM-ICD-0035-V-02			
	LW-5346			
OCS-DM-COM-ICD-0007 LSE-72	OCS-DM-COM-ICD-0007-V-01			
	LW-5351			
	OCS-DM-COM-ICD-0007-V-02			
	LW-5352			
OCS-DM-COM-ICD-0048 LSE-72	OCS-DM-COM-ICD-0048-V-01			
	LW-5357			
	OCS-DM-COM-ICD-0048-V-02			
	LW-5358			
OCS-DM-COM-ICD-0055 LSE-72	OCS-DM-COM-ICD-0055-V-01			
	LW-5363			
	OCS-DM-COM-ICD-0055-V-02			
	LW-5364			
OCS-DM-COM-ICD-0054 LSE-72	OCS-DM-COM-ICD-0054-V-01			
	LW-5369			
	OCS-DM-COM-ICD-0054-V-02			
	LW-5370			
OCS-DM-COM-ICD-0019 LSE-72	OCS-DM-COM-ICD-0019-V-01			
	LW-5375			
	OCS-DM-COM-ICD-0019-V-02			
	LW-5376			
OCS-DM-COM-ICD-0017 LSE-72	OCS-DM-COM-ICD-0017-V-01			
	LW-5381			
	OCS-DM-COM-ICD-0017-V-02			
	LW-5382			
OCS-DM-COM-ICD-0018 LSE-72	OCS-DM-COM-ICD-0018-V-01			
	LW-5387			
	OCS-DM-COM-ICD-0018-V-02			
	LW-5388			



Table 6: DM LSE-72 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
OCS-DM-COM-ICD-0021 LSE-72	OCS-DM-COM-ICD-0021-V-01			
	LWV-5393			
OCS-DM-COM-ICD-0020 LSE-72	OCS-DM-COM-ICD-0021-V-02			
	LWV-5394			
OCS-DM-COM-ICD-0047 LSE-72	OCS-DM-COM-ICD-0020-V-01			
	LWV-5399			
OCS-DM-COM-ICD-0046 LSE-72	OCS-DM-COM-ICD-0020-V-02			
	LWV-5400			
OCS-DM-COM-ICD-0045 LSE-72	OCS-DM-COM-ICD-0047-V-01			
	LWV-5405			
OCS-DM-COM-ICD-0043 LSE-72	OCS-DM-COM-ICD-0047-V-02			
	LWV-5406			
OCS-DM-COM-ICD-0044 LSE-72	OCS-DM-COM-ICD-0046-V-01			
	LWV-5411			
OCS-DM-COM-ICD-0052 LSE-72	OCS-DM-COM-ICD-0046-V-02			
	LWV-5412			
OCS-DM-COM-ICD-0043 LSE-72	OCS-DM-COM-ICD-0045-V-01			
	LWV-5417			
OCS-DM-COM-ICD-0044 LSE-72	OCS-DM-COM-ICD-0045-V-02			
	LWV-5418			
OCS-DM-COM-ICD-0043 LSE-72	OCS-DM-COM-ICD-0043-V-01			
	LWV-5423			
OCS-DM-COM-ICD-0044 LSE-72	OCS-DM-COM-ICD-0043-V-02			
	LWV-5424			
OCS-DM-COM-ICD-0044 LSE-72	OCS-DM-COM-ICD-0044-V-01			
	LWV-5429			
OCS-DM-COM-ICD-0052 LSE-72	OCS-DM-COM-ICD-0044-V-02			
	LWV-5430			
OCS-DM-COM-ICD-0052 LSE-72	OCS-DM-COM-ICD-0052-V-01			
	LWV-5435			

Table 6: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	OCS-DM-COM-ICD-0052-V-02			
	LW-5436			
OCS-DM-COM-ICD-0051	OCS-DM-COM-ICD-0051-V-01			
LSE-72	LW-5441			
	OCS-DM-COM-ICD-0051-V-02			
	LW-5442			
OCS-DM-COM-ICD-0056	OCS-DM-COM-ICD-0056-V-01			
LSE-72	LW-5447			
	OCS-DM-COM-ICD-0056-V-02			
	LW-5448			
OCS-DM-COM-ICD-0050	OCS-DM-COM-ICD-0050-V-01			
LSE-72	LW-5453			
	OCS-DM-COM-ICD-0050-V-02			
	LW-5454			
OCS-DM-COM-ICD-0053	OCS-DM-COM-ICD-0053-V-01			
LSE-72	LW-5459			
	OCS-DM-COM-ICD-0053-V-02			
	LW-5460			
OCS-DM-COM-ICD-0022	OCS-DM-COM-ICD-0022-V-01			
LSE-72	LW-5465			
	OCS-DM-COM-ICD-0022-V-02			
	LW-5466			
OCS-DM-COM-ICD-0049	OCS-DM-COM-ICD-0049-V-01			
LSE-72	LW-5471			
	OCS-DM-COM-ICD-0049-V-02			
	LW-5472			
OCS-DM-COM-ICD-0023	OCS-DM-COM-ICD-0023-V-01			
LSE-72	LW-5477			
	OCS-DM-COM-ICD-0023-V-02			
	LW-5478			

Table 6: DM LSE-72 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
OCS-DM-COM-ICD-0025 LSE-72	OCS-DM-COM-ICD-0025-V-01			
	LWV-5483			
OCS-DM-COM-ICD-0025 LSE-72	OCS-DM-COM-ICD-0025-V-02			
	LWV-5484			
OCS-DM-COM-ICD-0029 LSE-72	OCS-DM-COM-ICD-0029-V-01			
	LWV-5489			
OCS-DM-COM-ICD-0029 LSE-72	OCS-DM-COM-ICD-0029-V-02			
	LWV-5490			
OCS-DM-COM-ICD-0042 LSE-72	OCS-DM-COM-ICD-0042-V-01			
	LWV-5495			
OCS-DM-COM-ICD-0042 LSE-72	OCS-DM-COM-ICD-0042-V-02			
	LWV-5496			
OCS-DM-COM-ICD-0030 LSE-72	OCS-DM-COM-ICD-0030-V-01			
	LWV-5501			
OCS-DM-COM-ICD-0030 LSE-72	OCS-DM-COM-ICD-0030-V-02			
	LWV-5502			
OCS-DM-COM-ICD-0026 LSE-72	OCS-DM-COM-ICD-0026-V-01			
	LWV-5507			
OCS-DM-COM-ICD-0026 LSE-72	OCS-DM-COM-ICD-0026-V-02			
	LWV-5508			
OCS-DM-COM-ICD-0028 LSE-72	OCS-DM-COM-ICD-0028-V-01			
	LWV-5513			
OCS-DM-COM-ICD-0028 LSE-72	OCS-DM-COM-ICD-0028-V-02			
	LWV-5514			
OCS-DM-COM-ICD-0041 LSE-72	OCS-DM-COM-ICD-0041-V-01			
	LWV-5519			
OCS-DM-COM-ICD-0041 LSE-72	OCS-DM-COM-ICD-0041-V-02			
	LWV-5520			
OCS-DM-COM-ICD-0027 LSE-72	OCS-DM-COM-ICD-0027-V-01			
	LWV-5525			

Table 6: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	OCS-DM-COM-ICD-0027-V-02			
	LWV-5526			
OCS-DM-COM-ICD-0031 LSE-72	OCS-DM-COM-ICD-0031-V-01			
	LWV-5531			
	OCS-DM-COM-ICD-0031-V-02			
	LWV-5532			
OCS-DM-COM-ICD-0002 LSE-72	OCS-DM-COM-ICD-0002-V-01			
	LWV-5537			
	OCS-DM-COM-ICD-0002-V-02			
	LWV-5538			
OCS-DM-COM-ICD-0001 LSE-72	OCS-DM-COM-ICD-0001-V-01			
	LWV-5543			
	OCS-DM-COM-ICD-0001-V-02			
	LWV-5544			

### 3.5 LSE-75 Requirements Coverage

Table 7: DM LSE-75 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-CON-ICD-0003 LSE-75	DM-TS-CON-ICD-0003-V-01			
	LWV-5628			
	DM-TS-CON-ICD-0003-V-02			
	LWV-5629			
DM-TS-CON-ICD-0010 LSE-75	DM-TS-CON-ICD-0010-V-01			
	LWV-5634			
	DM-TS-CON-ICD-0010-V-02			
	LWV-5635			
DM-TS-CON-ICD-0011 LSE-75	DM-TS-CON-ICD-0011-V-01			
	LWV-5640			

Table 7: DM LSE-75 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DM-TS-CON-ICD-0011-V-02			
	LWV-5641			
DM-TS-CON-ICD-0002	DM-TS-CON-ICD-0002-V-01			
LSE-75	LWV-5646			
	DM-TS-CON-ICD-0002-V-02			
	LWV-5647			
DM-TS-CON-ICD-0006	DM-TS-CON-ICD-0006-V-01			
LSE-75	LWV-5652			
	DM-TS-CON-ICD-0006-V-02			
	LWV-5653			
DM-TS-CON-ICD-0007	DM-TS-CON-ICD-0007-V-01			
LSE-75	LWV-5658			
	DM-TS-CON-ICD-0007-V-02			
	LWV-5659			
DM-TS-CON-ICD-0009	DM-TS-CON-ICD-0009-V-01			
LSE-75	LWV-5664			
	DM-TS-CON-ICD-0009-V-02			
	LWV-5665			
DM-TS-CON-ICD-0008	DM-TS-CON-ICD-0008-V-01			
LSE-75	LWV-5670			
	DM-TS-CON-ICD-0008-V-02			
	LWV-5671			
DM-TS-CON-ICD-0004	DM-TS-CON-ICD-0004-V-01			
LSE-75	LWV-5676			
	DM-TS-CON-ICD-0004-V-02			
	LWV-5677			

### 3.6 LSE-130 Requirements Coverage

Table 8: DM LSE-130 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-SUP-ICD-0026 LSE-130	CA-DM-SUP-ICD-0026-V-03 LWV-6140			
	CA-DM-SUP-ICD-0026-V-04 LWV-6141			
CA-DM-SUP-ICD-0027 LSE-130	CA-DM-SUP-ICD-0027-V-03 LWV-6146			
	CA-DM-SUP-ICD-0027-V-04 LWV-6147			
CA-DM-SUP-ICD-0024 LSE-130	CA-DM-SUP-ICD-0024-V-03 LWV-6152			
	CA-DM-SUP-ICD-0024-V-04 LWV-6153			
CA-DM-SUP-ICD-0023 LSE-130	CA-DM-SUP-ICD-0023-V-03 LWV-6158			
	CA-DM-SUP-ICD-0023-V-04 LWV-6159			
CA-DM-SUP-ICD-0025 LSE-130	CA-DM-SUP-ICD-0025-V-03 LWV-6164			
	CA-DM-SUP-ICD-0025-V-04 LWV-6165			
CA-DM-SUP-ICD-0022 LSE-130	CA-DM-SUP-ICD-0022-V-03 LWV-6170			
	CA-DM-SUP-ICD-0022-V-04 LWV-6171			
CA-DM-SUP-ICD-0021 LSE-130	CA-DM-SUP-ICD-0021-V-03 LWV-6176			
	CA-DM-SUP-ICD-0021-V-04 LWV-6177			
CA-DM-SUP-ICD-0028 LSE-130	CA-DM-SUP-ICD-0028-V-03 LWV-6182			

Table 8: DM LSE-130 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	CA-DM-SUP-ICD-0028-V-04			
	LWV-6183			
CA-DM-SUP-ICD-0029	CA-DM-SUP-ICD-0029-V-03			
LSE-130	LWV-6188			
	CA-DM-SUP-ICD-0029-V-04			
	LWV-6189			
CA-DM-SUP-ICD-0031	CA-DM-SUP-ICD-0031-V-03			
LSE-130	LWV-6194			
	CA-DM-SUP-ICD-0031-V-04			
	LWV-6195			
CA-DM-SUP-ICD-0030	CA-DM-SUP-ICD-0030-V-03			
LSE-130	LWV-6200			
	CA-DM-SUP-ICD-0030-V-04			
	LWV-6201			
CA-DM-SUP-ICD-0008	CA-DM-SUP-ICD-0008-V-03			
LSE-130	LWV-6206			
	CA-DM-SUP-ICD-0008-V-04			
	LWV-6207			
CA-DM-SUP-ICD-0007	CA-DM-SUP-ICD-0007-V-03			
LSE-130	LWV-6212			
	CA-DM-SUP-ICD-0007-V-04			
	LWV-6213			
CA-DM-SUP-ICD-0009	CA-DM-SUP-ICD-0009-V-03			
LSE-130	LWV-6218			
	CA-DM-SUP-ICD-0009-V-04			
	LWV-6219			
CA-DM-SUP-ICD-0010	CA-DM-SUP-ICD-0010-V-03			
LSE-130	LWV-6224			
	CA-DM-SUP-ICD-0010-V-04			
	LWV-6225			

Table 8: DM LSE-130 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-SUP-ICD-0020 LSE-130	CA-DM-SUP-ICD-0020-V-03			
	LWV-6230			
CA-DM-SUP-ICD-0020 LSE-130	CA-DM-SUP-ICD-0020-V-04			
	LWV-6231			
CA-DM-SUP-ICD-0019 LSE-130	CA-DM-SUP-ICD-0019-V-03			
	LWV-6236			
CA-DM-SUP-ICD-0019 LSE-130	CA-DM-SUP-ICD-0019-V-04			
	LWV-6237			
CA-DM-SUP-ICD-0005 LSE-130	CA-DM-SUP-ICD-0005-V-03			
	LWV-6242			
CA-DM-SUP-ICD-0005 LSE-130	CA-DM-SUP-ICD-0005-V-04			
	LWV-6243			
CA-DM-SUP-ICD-0006 LSE-130	CA-DM-SUP-ICD-0006-V-03			
	LWV-6248			
CA-DM-SUP-ICD-0006 LSE-130	CA-DM-SUP-ICD-0006-V-04			
	LWV-6249			
CA-DM-SUP-ICD-0002 LSE-130	CA-DM-SUP-ICD-0002-V-03			
	LWV-6254			
CA-DM-SUP-ICD-0002 LSE-130	CA-DM-SUP-ICD-0002-V-04			
	LWV-6255			
CA-DM-SUP-ICD-0003 LSE-130	CA-DM-SUP-ICD-0003-V-03			
	LWV-6260			
CA-DM-SUP-ICD-0003 LSE-130	CA-DM-SUP-ICD-0003-V-04			
	LWV-6261			
CA-DM-SUP-ICD-0004 LSE-130	CA-DM-SUP-ICD-0004-V-03			
	LWV-6266			
CA-DM-SUP-ICD-0004 LSE-130	CA-DM-SUP-ICD-0004-V-04			
	LWV-6267			
CA-DM-SUP-ICD-0016 LSE-130	CA-DM-SUP-ICD-0016-V-03			
	LWV-6272			



Table 8: DM LSE-130 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	CA-DM-SUP-ICD-0016-V-04			
	LWV-6273			
CA-DM-SUP-ICD-0015	CA-DM-SUP-ICD-0015-V-03			
LSE-130	LWV-6278			
	CA-DM-SUP-ICD-0015-V-04			
	LWV-6279			
CA-DM-SUP-ICD-0017	CA-DM-SUP-ICD-0017-V-03			
LSE-130	LWV-6284			
	CA-DM-SUP-ICD-0017-V-04			
	LWV-6285			
CA-DM-SUP-ICD-0014	CA-DM-SUP-ICD-0014-V-03			
LSE-130	LWV-6290			
	CA-DM-SUP-ICD-0014-V-04			
	LWV-6291			
CA-DM-SUP-ICD-0013	CA-DM-SUP-ICD-0013-V-03			
LSE-130	LWV-6296			
	CA-DM-SUP-ICD-0013-V-04			
	LWV-6297			
CA-DM-SUP-ICD-0011	CA-DM-SUP-ICD-0011-V-03			
LSE-130	LWV-6302			
	CA-DM-SUP-ICD-0011-V-04			
	LWV-6303			
CA-DM-SUP-ICD-0012	CA-DM-SUP-ICD-0012-V-03			
LSE-130	LWV-6308			
	CA-DM-SUP-ICD-0012-V-04			
	LWV-6309			
CA-DM-SUP-ICD-0018	CA-DM-SUP-ICD-0018-V-03			
LSE-130	LWV-6314			
	CA-DM-SUP-ICD-0018-V-04			
	LWV-6315			

Table 8: DM LSE-130 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-SUP-ICD-0001 LSE-130	CA-DM-SUP-ICD-0001-V-03			
	LWV-6320			
	CA-DM-SUP-ICD-0001-V-04			
	LWV-6321			

### 3.7 LSE-131 Requirements Coverage

Table 9: DM LSE-131 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
EP-DM-CON-ICD-0004 LSE-131	EP-DM-CON-ICD-0004-V-01			
	LWV-6324			
	EP-DM-CON-ICD-0004-V-02			
	LWV-6325			
EP-DM-CON-ICD-0021 LSE-131	EP-DM-CON-ICD-0021-V-01			
	LWV-6330			
	EP-DM-CON-ICD-0021-V-02			
	LWV-6331			
EP-DM-CON-ICD-0009 LSE-131	EP-DM-CON-ICD-0009-V-01			
	LWV-6342			
	EP-DM-CON-ICD-0009-V-02			
	LWV-6343			
EP-DM-CON-ICD-0034 LSE-131	EP-DM-CON-ICD-0034-V-01			
	LWV-6348			
	EP-DM-CON-ICD-0034-V-02			
	LWV-6349			
EP-DM-CON-ICD-0031 LSE-131	EP-DM-CON-ICD-0031-V-01			
	LWV-6360			
	EP-DM-CON-ICD-0031-V-02			
	LWV-6361			

Table 9: DM LSE-131 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
EP-DM-CON-ICD-0019 LSE-131	EP-DM-CON-ICD-0019-V-01			
	LWV-6372			
EP-DM-CON-ICD-0019-V-02	EP-DM-CON-ICD-0019-V-02			
	LWV-6373			
EP-DM-CON-ICD-0002 LSE-131	EP-DM-CON-ICD-0002-V-03			
	LWV-6378			
EP-DM-CON-ICD-0002-V-04	EP-DM-CON-ICD-0002-V-04			
	LWV-6379			
EP-DM-CON-ICD-0033 LSE-131	EP-DM-CON-ICD-0033-V-01			
	LWV-6384			
EP-DM-CON-ICD-0033-V-02	EP-DM-CON-ICD-0033-V-02			
	LWV-6385			
EP-DM-CON-ICD-0032 LSE-131	EP-DM-CON-ICD-0032-V-01			
	LWV-6390			
EP-DM-CON-ICD-0032-V-02	EP-DM-CON-ICD-0032-V-02			
	LWV-6391			
EP-DM-CON-ICD-0020 LSE-131	EP-DM-CON-ICD-0020-V-03			
	LWV-6402			
EP-DM-CON-ICD-0020-V-04	EP-DM-CON-ICD-0020-V-04			
	LWV-6403			
EP-DM-CON-ICD-0036 LSE-131	EP-DM-CON-ICD-0036-V-01			
	LWV-6751			
EP-DM-CON-ICD-0036-V-02	EP-DM-CON-ICD-0036-V-02			
	LWV-6752			
EP-DM-CON-ICD-0035 LSE-131	EP-DM-CON-ICD-0035-V-01			
	LWV-6757			
EP-DM-CON-ICD-0035-V-02	EP-DM-CON-ICD-0035-V-02			
	LWV-6758			
EP-DM-CON-ICD-0037 LSE-131	EP-DM-CON-ICD-0037-V-01			
	LWV-6763			

Table 9: DM LSE-131 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	EP-DM-CON-ICD-0037-V-02			
	LWV-6764			

### 3.8 LSE-140 Requirements Coverage

Table 10: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-AUX-ICD-0020	DM-TS-AUX-ICD-0020-V-01			
LSE-140	LWV-6420			
	DM-TS-AUX-ICD-0020-V-02			
	LWV-6421			
DM-TS-AUX-ICD-0029	DM-TS-AUX-ICD-0029-V-01			
LSE-140	LWV-6426			
	DM-TS-AUX-ICD-0029-V-02			
	LWV-6427			
DM-TS-AUX-ICD-0027	DM-TS-AUX-ICD-0027-V-01			
LSE-140	LWV-6432			
	DM-TS-AUX-ICD-0027-V-02			
	LWV-6433			
DM-TS-AUX-ICD-0022	DM-TS-AUX-ICD-0022-V-01			
LSE-140	LWV-6438			
	DM-TS-AUX-ICD-0022-V-02			
	LWV-6439			
DM-TS-AUX-ICD-0023	DM-TS-AUX-ICD-0023-V-01			
LSE-140	LWV-6444			
	DM-TS-AUX-ICD-0023-V-02			
	LWV-6445			
DM-TS-AUX-ICD-0021	DM-TS-AUX-ICD-0021-V-01			
LSE-140	LWV-6450			

Table 10: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DM-TS-AUX-ICD-0021-V-02			
	LWV-6451			
DM-TS-AUX-ICD-0025	DM-TS-AUX-ICD-0025-V-01			
LSE-140	LWV-6456			
	DM-TS-AUX-ICD-0025-V-02			
	LWV-6457			
DM-TS-AUX-ICD-0026	DM-TS-AUX-ICD-0026-V-01			
LSE-140	LWV-6462			
	DM-TS-AUX-ICD-0026-V-02			
	LWV-6463			
DM-TS-AUX-ICD-0024	DM-TS-AUX-ICD-0024-V-01			
LSE-140	LWV-6468			
	DM-TS-AUX-ICD-0024-V-02			
	LWV-6469			
DM-TS-AUX-ICD-0037	DM-TS-AUX-ICD-0037-V-01			
LSE-140	LWV-6474			
	DM-TS-AUX-ICD-0037-V-02			
	LWV-6475			
DM-TS-AUX-ICD-0002	DM-TS-AUX-ICD-0002-V-01			
LSE-140	LWV-6480			
	DM-TS-AUX-ICD-0002-V-02			
	LWV-6481			
DM-TS-AUX-ICD-0001	DM-TS-AUX-ICD-0001-V-01			
LSE-140	LWV-6486			
	DM-TS-AUX-ICD-0001-V-02			
	LWV-6487			
DM-TS-AUX-ICD-0007	DM-TS-AUX-ICD-0007-V-01			
LSE-140	LWV-6492			
	DM-TS-AUX-ICD-0007-V-02			
	LWV-6493			

Table 10: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-AUX-ICD-0008 LSE-140	DM-TS-AUX-ICD-0008-V-01			
	LWV-6498			
DM-TS-AUX-ICD-0010 LSE-140	DM-TS-AUX-ICD-0008-V-02			
	LWV-6499			
DM-TS-AUX-ICD-0010 LSE-140	DM-TS-AUX-ICD-0010-V-01			
	LWV-6504			
DM-TS-AUX-ICD-0009 LSE-140	DM-TS-AUX-ICD-0010-V-02			
	LWV-6505			
DM-TS-AUX-ICD-0009 LSE-140	DM-TS-AUX-ICD-0009-V-01			
	LWV-6510			
DM-TS-AUX-ICD-0011 LSE-140	DM-TS-AUX-ICD-0009-V-02			
	LWV-6511			
DM-TS-AUX-ICD-0011 LSE-140	DM-TS-AUX-ICD-0011-V-01			
	LWV-6516			
DM-TS-AUX-ICD-0006 LSE-140	DM-TS-AUX-ICD-0011-V-02			
	LWV-6517			
DM-TS-AUX-ICD-0006 LSE-140	DM-TS-AUX-ICD-0006-V-01			
	LWV-6522			
DM-TS-AUX-ICD-0004 LSE-140	DM-TS-AUX-ICD-0006-V-02			
	LWV-6523			
DM-TS-AUX-ICD-0004 LSE-140	DM-TS-AUX-ICD-0004-V-01			
	LWV-6528			
DM-TS-AUX-ICD-0003 LSE-140	DM-TS-AUX-ICD-0004-V-02			
	LWV-6529			
DM-TS-AUX-ICD-0003 LSE-140	DM-TS-AUX-ICD-0003-V-01			
	LWV-6534			
DM-TS-AUX-ICD-0034 LSE-140	DM-TS-AUX-ICD-0003-V-02			
	LWV-6535			
DM-TS-AUX-ICD-0034 LSE-140	DM-TS-AUX-ICD-0034-V-01			
	LWV-6540			

Table 10: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DM-TS-AUX-ICD-0034-V-02			
	LW-6541			
DM-TS-AUX-ICD-0036	DM-TS-AUX-ICD-0036-V-01			
LSE-140	LW-6546			
	DM-TS-AUX-ICD-0036-V-02			
	LW-6547			
DM-TS-AUX-ICD-0019	DM-TS-AUX-ICD-0019-V-01			
LSE-140	LW-6552			
	DM-TS-AUX-ICD-0019-V-02			
	LW-6553			
DM-TS-AUX-ICD-0018	DM-TS-AUX-ICD-0018-V-01			
LSE-140	LW-6558			
	DM-TS-AUX-ICD-0018-V-02			
	LW-6559			
DM-TS-AUX-ICD-0014	DM-TS-AUX-ICD-0014-V-01			
LSE-140	LW-6564			
DM-TS-AUX-ICD-0012	DM-TS-AUX-ICD-0012-V-01			
LSE-140	LW-6570			
DM-TS-AUX-ICD-0028	DM-TS-AUX-ICD-0028-V-01			
LSE-140	LW-6576			
DM-TS-AUX-ICD-0035	DM-TS-AUX-ICD-0035-V-01			
LSE-140	LW-6594			
	DM-TS-AUX-ICD-0035-V-02			
	LW-6595			
DM-TS-AUX-ICD-0033	DM-TS-AUX-ICD-0033-V-01			
LSE-140	LW-6600			
	DM-TS-AUX-ICD-0033-V-02			
	LW-6601			
DM-TS-AUX-ICD-0032	DM-TS-AUX-ICD-0032-V-01			
LSE-140	LW-6606			

Table 10: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	DM-TS-AUX-ICD-0032-V-02			
	LVV-6607			

### 3.9 LDM-554 Requirements Coverage

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0007 LDM-554	DMS-LSP-REQ-0007-V-01 LVV-9806	LVV-T605 LDM-540		Not Executed
DMS-LSP-REQ-0001 LDM-554	DMS-LSP-REQ-0001-V-01 LVV-9807	LVV-T2 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T598 LDM-540		Not Executed
DMS-LSP-REQ-0004 LDM-554	DMS-LSP-REQ-0004-V-01 LVV-9808	LVV-T3 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T602 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-LSP-REQ-0005 LDM-554	DMS-LSP-REQ-0005-V-01 LVV-9809	LVV-T2 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T603 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation



Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0003 LDM-554	DMS-LSP-REQ-0003-V-01 LVV-9810	LVV-T601 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-LSP-REQ-0002 LDM-554	DMS-LSP-REQ-0002-V-01 LVV-9811	LVV-T5 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T600 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
DMS-LSP-REQ-0006 LDM-554	DMS-LSP-REQ-0006-V-01 LVV-9812	LVV-T604 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-LSP-REQ-0009 LDM-554	DMS-LSP-REQ-0009-V-01 LVV-9813	LVV-T607 LDM-540		Not Executed
DMS-LSP-REQ-0008 LDM-554	DMS-LSP-REQ-0008-V-01 LVV-9814	LVV-T8 LDM-540		Not Executed
		LVV-T9 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T606 LDM-540		Not Executed
DMS-LSP-REQ-0010 LDM-554	DMS-LSP-REQ-0010-V-01 LVV-9815	LVV-T608 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-LSP-REQ-0012 LDM-554	DMS-LSP-REQ-0012-V-01 LVV-9816	LVV-T610 LDM-540		Not Executed
DMS-LSP-REQ-0011 LDM-554	DMS-LSP-REQ-0011-V-01 LVV-9817	LVV-T609 LDM-540		Not Executed
DMS-LSP-REQ-0013 LDM-554	DMS-LSP-REQ-0013-V-01 LVV-9818	LVV-T611 LDM-540		Not Executed
DMS-LSP-REQ-0014 LDM-554	DMS-LSP-REQ-0014-V-01 LVV-9819	LVV-T5 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T7 LDM-540		Not Executed
		LVV-T612 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-LSP-REQ-0018 LDM-554	DMS-LSP-REQ-0018-V-01 LVV-9820	LVV-T7 LDM-540		Not Executed
		LVV-T616 LDM-540		Not Executed
DMS-LSP-REQ-0017 LDM-554	DMS-LSP-REQ-0017-V-01 LVV-9821	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T615 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-LSP-REQ-0016 LDM-554	DMS-LSP-REQ-0016-V-01 LVV-9822	LVV-T614 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0015 LDM-554	DMS-LSP-REQ-0015-V-01 LVV-9823	LVV-T613 LDM-540		Not Executed
DMS-LSP-REQ-0028 LDM-554	DMS-LSP-REQ-0028-V-01 LVV-9824	LVV-T4 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T617 LDM-540		Not Executed
DMS-LSP-REQ-0029 LDM-554	DMS-LSP-REQ-0029-V-01 LVV-9825	LVV-T4 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T618 LDM-540		Not Executed
DMS-LSP-REQ-0030 LDM-554	DMS-LSP-REQ-0030-V-01 LVV-9826	LVV-T619 LDM-540		Not Executed
DMS-LSP-REQ-0031 LDM-554	DMS-LSP-REQ-0031-V-01 LVV-9827	LVV-T620 LDM-540		Not Executed
DMS-LSP-REQ-0019 LDM-554	DMS-LSP-REQ-0019-V-01 LVV-9828	LVV-T621 LDM-540		Not Executed
DMS-LSP-REQ-0025 LDM-554	DMS-LSP-REQ-0025-V-01 LVV-9829	LVV-T627 LDM-540		Not Executed
DMS-LSP-REQ-0020 LDM-554	DMS-LSP-REQ-0020-V-01 LVV-9830	LVV-T622 LDM-540	2019-11-25 LVV-P48	Pass w/Deviation
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-LSP-REQ-0022 LDM-554	DMS-LSP-REQ-0022-V-01 LVV-9831	LVV-T624 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1436	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
		LVV-T1437	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
DMS-LSP-REQ-0021 LDM-554	DMS-LSP-REQ-0021-V-01 LVV-9832	LVV-T623 LDM-540		Not Executed
DMS-LSP-REQ-0027 LDM-554	DMS-LSP-REQ-0027-V-01 LVV-9833	LVV-T629 LDM-540		Not Executed
DMS-LSP-REQ-0023 LDM-554	DMS-LSP-REQ-0023-V-01 LVV-9834	LVV-T625 LDM-540		Not Executed
		LVV-T1334	2019-12-02	Pass w/Deviation
		LDM-540	LVV-P48	
		LVV-T1436	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
		LVV-T1437	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
DMS-LSP-REQ-0024 LDM-554	DMS-LSP-REQ-0024-V-01 LVV-9835	LVV-T626 LDM-540		Not Executed
		LVV-T1334	2019-12-02	Pass w/Deviation
		LDM-540	LVV-P48	
		LVV-T1436	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
		LVV-T1437	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
DMS-LSP-REQ-0026 LDM-554	DMS-LSP-REQ-0026-V-01 LVV-9836	LVV-T628 LDM-540		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LDM-540	LVV-P48	
DMS-LSP-REQ-0033 LDM-554	DMS-LSP-REQ-0033-V-01 LVV-9837	LVV-T631 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0034 LDM-554	DMS-LSP-REQ-0034-V-01 LVV-9838	LVV-T632 LDM-540		Not Executed
DMS-LSP-REQ-0032 LDM-554	DMS-LSP-REQ-0032-V-01 LVV-9839	LVV-T630 LDM-540		Not Executed
DMS-LSP-REQ-0035 LDM-554	DMS-LSP-REQ-0035-V-01 LVV-9840	LVV-T633 LDM-540		Not Executed
DMS-PRTL-REQ-0001 LDM-554	DMS-PRTL-REQ-0001-V-01 LVV-9841	LVV-T634 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
DMS-PRTL-REQ-0005 LDM-554	DMS-PRTL-REQ-0005-V-01 LVV-9842	LVV-T638 LDM-540		Not Executed
DMS-PRTL-REQ-0007 LDM-554	DMS-PRTL-REQ-0007-V-01 LVV-9843	LVV-T640 LDM-540		Not Executed
DMS-PRTL-REQ-0008 LDM-554	DMS-PRTL-REQ-0008-V-01 LVV-9844	LVV-T641 LDM-540		Not Executed
DMS-PRTL-REQ-0006 LDM-554	DMS-PRTL-REQ-0006-V-01 LVV-9845	LVV-T639 LDM-540		Not Executed
DMS-PRTL-REQ-0003 LDM-554	DMS-PRTL-REQ-0003-V-01 LVV-9846	LVV-T636 LDM-540		Not Executed
		LVV-T1818 LDM-540	2020-05-11 LVV-P69	Pass w/Deviation
DMS-PRTL-REQ-0002 LDM-554	DMS-PRTL-REQ-0002-V-01 LVV-9847	LVV-T635 LDM-540		Not Executed
DMS-PRTL-REQ-0004 LDM-554	DMS-PRTL-REQ-0004-V-01 LVV-9848	LVV-T8 LDM-540		Not Executed
		LVV-T637 LDM-540		Not Executed
DMS-PRTL-REQ-0010 LDM-554	DMS-PRTL-REQ-0010-V-01 LVV-9849	LVV-T643 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0013 LDM-554	DMS-PRTL-REQ-0013-V-01 LVV-9850	LVV-T646 LDM-540		Not Executed
DMS-PRTL-REQ-0012 LDM-554	DMS-PRTL-REQ-0012-V-01 LVV-9851	LVV-T645 LDM-540		Not Executed
DMS-PRTL-REQ-0014 LDM-554	DMS-PRTL-REQ-0014-V-01 LVV-9852	LVV-T647 LDM-540		Not Executed
DMS-PRTL-REQ-0011 LDM-554	DMS-PRTL-REQ-0011-V-01 LVV-9853	LVV-T644 LDM-540		Not Executed
DMS-PRTL-REQ-0009 LDM-554	DMS-PRTL-REQ-0009-V-01 LVV-9854	LVV-T642 LDM-540		Not Executed
DMS-PRTL-REQ-0017 LDM-554	DMS-PRTL-REQ-0017-V-01 LVV-9855	LVV-T650 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
DMS-PRTL-REQ-0016 LDM-554	DMS-PRTL-REQ-0016-V-01 LVV-9856	LVV-T5 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T649 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0015 LDM-554	DMS-PRTL-REQ-0015-V-01 LVV-9857	LVV-T648 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0018 LDM-554	DMS-PRTL-REQ-0018-V-01 LVV-9858	LVV-T651 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0028 LDM-554	DMS-PRTL-REQ-0028-V-01 LVV-9859	LVV-T5	2019-05-20	<b>Passed</b>
		LDM-540	LVV-P42	
		LVV-T652		<b>Not Executed</b>
		LDM-540		
DMS-PRTL-REQ-0029 LDM-554	DMS-PRTL-REQ-0029-V-01 LVV-9860	LVV-T653 LDM-540		<b>Not Executed</b>
DMS-PRTL-REQ-0030 LDM-554	DMS-PRTL-REQ-0030-V-01 LVV-9861	LVV-T654 LDM-540		<b>Not Executed</b>
DMS-PRTL-REQ-0022 LDM-554	DMS-PRTL-REQ-0022-V-01 LVV-9862	LVV-T5	2019-05-20	<b>Passed</b>
		LDM-540	LVV-P42	
		LVV-T657		<b>Not Executed</b>
		LDM-540		
DMS-PRTL-REQ-0023 LDM-554	DMS-PRTL-REQ-0023-V-01 LVV-9863	LVV-T658 LDM-540		<b>Not Executed</b>
DMS-PRTL-REQ-0024 LDM-554	DMS-PRTL-REQ-0024-V-01 LVV-9864	LVV-T659 LDM-540		<b>Not Executed</b>
DMS-PRTL-REQ-0021 LDM-554	DMS-PRTL-REQ-0021-V-01 LVV-9865	LVV-T5	2019-05-20	<b>Passed</b>
		LDM-540	LVV-P42	
		LVV-T656		<b>Not Executed</b>
		LDM-540		
DMS-PRTL-REQ-0020 LDM-554	DMS-PRTL-REQ-0020-V-01 LVV-9866	LVV-T655		<b>Not Executed</b>
		LDM-540		
		LVV-T1334	2019-12-02	<b>Pass w/Deviation</b>
		LDM-540	LVV-P48	
		LVV-T2172	2021-10-01	<b>Passed</b>
		LDM-540	LVV-P79	
DMS-PRTL-REQ-0025 LDM-554	DMS-PRTL-REQ-0025-V-01 LVV-9867	LVV-T660 LDM-540		<b>Not Executed</b>
DMS-PRTL-REQ-0027 LDM-554	DMS-PRTL-REQ-0027-V-01 LVV-9868	LVV-T5 LDM-540	2019-05-20 LVV-P42	<b>Passed</b>

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T662 LDM-540		Not Executed
DMS-PRTL-REQ-0026 LDM-554	DMS-PRTL-REQ-0026-V-01 LVV-9869	LVV-T5 LDM-540	2019-05-20 LVV-P42	Passed
		LVV-T661 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0019 LDM-554	DMS-PRTL-REQ-0019-V-01 LVV-9870	LVV-T663 LDM-540		Not Executed
DMS-PRTL-REQ-0034 LDM-554	DMS-PRTL-REQ-0034-V-01 LVV-9871	LVV-T668 LDM-540		Not Executed
DMS-PRTL-REQ-0033 LDM-554	DMS-PRTL-REQ-0033-V-01 LVV-9872	LVV-T667 LDM-540		Not Executed
DMS-PRTL-REQ-0032 LDM-554	DMS-PRTL-REQ-0032-V-01 LVV-9873	LVV-T666 LDM-540		Not Executed
DMS-PRTL-REQ-0031 LDM-554	DMS-PRTL-REQ-0031-V-01 LVV-9874	LVV-T664 LDM-540		Not Executed
DMS-PRTL-REQ-0039 LDM-554	DMS-PRTL-REQ-0039-V-01 LVV-9875	LVV-T673 LDM-540		Not Executed
DMS-PRTL-REQ-0037 LDM-554	DMS-PRTL-REQ-0037-V-01 LVV-9876	LVV-T671 LDM-540		Not Executed
DMS-PRTL-REQ-0036 LDM-554	DMS-PRTL-REQ-0036-V-01 LVV-9877	LVV-T670 LDM-540		Not Executed
DMS-PRTL-REQ-0035 LDM-554	DMS-PRTL-REQ-0035-V-01 LVV-9878	LVV-T669 LDM-540		Not Executed
DMS-PRTL-REQ-0038 LDM-554	DMS-PRTL-REQ-0038-V-01 LVV-9879	LVV-T672 LDM-540		Not Executed



Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0041 LDM-554	DMS-PRTL-REQ-0041-V-01 LVV-9880	LVV-T7		Not Executed
		LDM-540		
DMS-PRTL-REQ-0040 LDM-554	DMS-PRTL-REQ-0040-V-01 LVV-9881	LVV-T674		Not Executed
		LDM-540		
DMS-PRTL-REQ-0044 LDM-554	DMS-PRTL-REQ-0044-V-01 LVV-9882	LVV-T7		Not Executed
		LDM-540		
DMS-PRTL-REQ-0043 LDM-554	DMS-PRTL-REQ-0043-V-01 LVV-9883	LVV-T675		Not Executed
		LDM-540		
DMS-PRTL-REQ-0042 LDM-554	DMS-PRTL-REQ-0042-V-01 LVV-9884	LVV-T679		Not Executed
		LDM-540		
DMS-PRTL-REQ-0045 LDM-554	DMS-PRTL-REQ-0045-V-01 LVV-9885	LVV-T678		Not Executed
		LDM-540		
DMS-PRTL-REQ-0046 LDM-554	DMS-PRTL-REQ-0046-V-01 LVV-9886	LVV-T677		Not Executed
		LDM-540		
DMS-PRTL-REQ-0048 LDM-554	DMS-PRTL-REQ-0048-V-01 LVV-9887	LVV-T680		Not Executed
		LDM-540		
DMS-PRTL-REQ-0047 LDM-554	DMS-PRTL-REQ-0047-V-01 LVV-9888	LVV-T681		Not Executed
		LDM-540		
DMS-PRTL-REQ-0050 LDM-554	DMS-PRTL-REQ-0050-V-01 LVV-9889	LVV-T1818	2020-05-11	Pass w/Deviation
		LDM-540	LVV-P69	
DMS-PRTL-REQ-0048 LDM-554	DMS-PRTL-REQ-0048-V-01 LVV-9887	LVV-T683		Not Executed
		LDM-540		
DMS-PRTL-REQ-0047 LDM-554	DMS-PRTL-REQ-0047-V-01 LVV-9888	LVV-T682		Not Executed
		LDM-540		
DMS-PRTL-REQ-0050 LDM-554	DMS-PRTL-REQ-0050-V-01 LVV-9889	LVV-T6	2019-05-20	Pass w/Deviation
		LDM-540	LVV-P42	
DMS-PRTL-REQ-0050 LDM-554	DMS-PRTL-REQ-0050-V-01 LVV-9889	LVV-T685		Not Executed
		LDM-540		
DMS-PRTL-REQ-0050 LDM-554	DMS-PRTL-REQ-0050-V-01 LVV-9889	LVV-T2172	2021-10-01	Passed
		LDM-540	LVV-P79	

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0052 LDM-554	DMS-PRTL-REQ-0052-V-01 LVV-9890	LVV-T687 LDM-540		Not Executed
DMS-PRTL-REQ-0049 LDM-554	DMS-PRTL-REQ-0049-V-01 LVV-9891	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T684 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0051 LDM-554	DMS-PRTL-REQ-0051-V-01 LVV-9892	LVV-T686 LDM-540		Not Executed
DMS-PRTL-REQ-0054 LDM-554	DMS-PRTL-REQ-0054-V-01 LVV-9893	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T689 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0053 LDM-554	DMS-PRTL-REQ-0053-V-01 LVV-9894	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T688 LDM-540		Not Executed
DMS-PRTL-REQ-0056 LDM-554	DMS-PRTL-REQ-0056-V-01 LVV-9895	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T691 LDM-540		Not Executed
DMS-PRTL-REQ-0061 LDM-554	DMS-PRTL-REQ-0061-V-01 LVV-9896	LVV-T696 LDM-540		Not Executed
DMS-PRTL-REQ-0059 LDM-554	DMS-PRTL-REQ-0059-V-01 LVV-9897	LVV-T694 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0058 LDM-554	DMS-PRTL-REQ-0058-V-01 LVV-9898	LVV-T693 LDM-540		Not Executed
DMS-PRTL-REQ-0060 LDM-554	DMS-PRTL-REQ-0060-V-01 LVV-9899	LVV-T695 LDM-540		Not Executed
DMS-PRTL-REQ-0057 LDM-554	DMS-PRTL-REQ-0057-V-01 LVV-9900	LVV-T692 LDM-540		Not Executed
DMS-PRTL-REQ-0055 LDM-554	DMS-PRTL-REQ-0055-V-01 LVV-9901	LVV-T6 LDM-540	2019-05-20 LVV-P42	Pass w/Deviation
		LVV-T690 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0067 LDM-554	DMS-PRTL-REQ-0067-V-01 LVV-9902	LVV-T701 LDM-540		Not Executed
DMS-PRTL-REQ-0066 LDM-554	DMS-PRTL-REQ-0066-V-01 LVV-9903	LVV-T700 LDM-540		Not Executed
DMS-PRTL-REQ-0065 LDM-554	DMS-PRTL-REQ-0065-V-01 LVV-9904	LVV-T699 LDM-540		Not Executed
DMS-PRTL-REQ-0062 LDM-554	DMS-PRTL-REQ-0062-V-01 LVV-9905	LVV-T676 LDM-540		Not Executed
DMS-PRTL-REQ-0063 LDM-554	DMS-PRTL-REQ-0063-V-01 LVV-9906	LVV-T697 LDM-540		Not Executed
DMS-PRTL-REQ-0064 LDM-554	DMS-PRTL-REQ-0064-V-01 LVV-9907	LVV-T698 LDM-540		Not Executed
DMS-PRTL-REQ-0068 LDM-554	DMS-PRTL-REQ-0068-V-01 LVV-9908	LVV-T702 LDM-540		Not Executed
DMS-PRTL-REQ-0069 LDM-554	DMS-PRTL-REQ-0069-V-01 LVV-9909	LVV-T703 LDM-540		Not Executed
DMS-PRTL-REQ-0074 LDM-554	DMS-PRTL-REQ-0074-V-01 LVV-9910	LVV-T708 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0071 LDM-554	DMS-PRTL-REQ-0071-V-01 LVV-9911	LVV-T705 LDM-540		Not Executed
DMS-PRTL-REQ-0072 LDM-554	DMS-PRTL-REQ-0072-V-01 LVV-9912	LVV-T706 LDM-540		Not Executed
DMS-PRTL-REQ-0073 LDM-554	DMS-PRTL-REQ-0073-V-01 LVV-9913	LVV-T707 LDM-540		Not Executed
DMS-PRTL-REQ-0070 LDM-554	DMS-PRTL-REQ-0070-V-01 LVV-9914	LVV-T704 LDM-540		Not Executed
DMS-PRTL-REQ-0075 LDM-554	DMS-PRTL-REQ-0075-V-01 LVV-9915	LVV-T709 LDM-540		Not Executed
DMS-PRTL-REQ-0077 LDM-554	DMS-PRTL-REQ-0077-V-01 LVV-9916	LVV-T711 LDM-540		Not Executed
DMS-PRTL-REQ-0076 LDM-554	DMS-PRTL-REQ-0076-V-01 LVV-9917	LVV-T710 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0078 LDM-554	DMS-PRTL-REQ-0078-V-01 LVV-9918	LVV-T712 LDM-540		Not Executed
DMS-PRTL-REQ-0081 LDM-554	DMS-PRTL-REQ-0081-V-01 LVV-9919	LVV-T715 LDM-540		Not Executed
DMS-PRTL-REQ-0080 LDM-554	DMS-PRTL-REQ-0080-V-01 LVV-9920	LVV-T714 LDM-540		Not Executed
DMS-PRTL-REQ-0082 LDM-554	DMS-PRTL-REQ-0082-V-01 LVV-9921	LVV-T716 LDM-540		Not Executed
DMS-PRTL-REQ-0079 LDM-554	DMS-PRTL-REQ-0079-V-01 LVV-9922	LVV-T713 LDM-540		Not Executed
DMS-PRTL-REQ-0087 LDM-554	DMS-PRTL-REQ-0087-V-01 LVV-9923	LVV-T721 LDM-540		Not Executed
DMS-PRTL-REQ-0083 LDM-554	DMS-PRTL-REQ-0083-V-01 LVV-9924	LVV-T717 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0086 LDM-554	DMS-PRTL-REQ-0086-V-01 LVV-9925	LVV-T720 LDM-540		Not Executed
DMS-PRTL-REQ-0085 LDM-554	DMS-PRTL-REQ-0085-V-01 LVV-9926	LVV-T719 LDM-540		Not Executed
DMS-PRTL-REQ-0088 LDM-554	DMS-PRTL-REQ-0088-V-01 LVV-9927	LVV-T722 LDM-540		Not Executed
DMS-PRTL-REQ-0084 LDM-554	DMS-PRTL-REQ-0084-V-01 LVV-9928	LVV-T718 LDM-540		Not Executed
DMS-PRTL-REQ-0091 LDM-554	DMS-PRTL-REQ-0091-V-01 LVV-9929	LVV-T725 LDM-540		Not Executed
DMS-PRTL-REQ-0093 LDM-554	DMS-PRTL-REQ-0093-V-01 LVV-9930	LVV-T727 LDM-540		Not Executed
DMS-PRTL-REQ-0092 LDM-554	DMS-PRTL-REQ-0092-V-01 LVV-9931	LVV-T726 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0095 LDM-554	DMS-PRTL-REQ-0095-V-01 LVV-9932	LVV-T729 LDM-540		Not Executed
		LVV-T1334 LDM-540	2019-12-02 LVV-P48	Pass w/Deviation
		LVV-T1818 LDM-540	2020-05-11 LVV-P69	Pass w/Deviation
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0090 LDM-554	DMS-PRTL-REQ-0090-V-01 LVV-9933	LVV-T724 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0089 LDM-554	DMS-PRTL-REQ-0089-V-01 LVV-9934	LVV-T723 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0094 LDM-554	DMS-PRTL-REQ-0094-V-01 LVV-9935	LVV-T728 LDM-540		Not Executed
DMS-PRTL-REQ-0096 LDM-554	DMS-PRTL-REQ-0096-V-01 LVV-9936	LVV-T730 LDM-540		Not Executed
DMS-PRTL-REQ-0097 LDM-554	DMS-PRTL-REQ-0097-V-01 LVV-9937	LVV-T731 LDM-540		Not Executed
DMS-PRTL-REQ-0105 LDM-554	DMS-PRTL-REQ-0105-V-01 LVV-9938	LVV-T739 LDM-540		Not Executed
DMS-PRTL-REQ-0107 LDM-554	DMS-PRTL-REQ-0107-V-01 LVV-9939	LVV-T741 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0102 LDM-554	DMS-PRTL-REQ-0102-V-01 LVV-9940	LVV-T736 LDM-540		Not Executed
DMS-PRTL-REQ-0106 LDM-554	DMS-PRTL-REQ-0106-V-01 LVV-9941	LVV-T740 LDM-540		Not Executed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0098 LDM-554	DMS-PRTL-REQ-0098-V-01 LVV-9942	LVV-T732 LDM-540		Not Executed
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
		LVV-T2172 LDM-540	2021-10-01 LVV-P79	Passed
DMS-PRTL-REQ-0099 LDM-554	DMS-PRTL-REQ-0099-V-01 LVV-9943	LVV-T733 LDM-540		Not Executed
DMS-PRTL-REQ-0100 LDM-554	DMS-PRTL-REQ-0100-V-01 LVV-9944	LVV-T734 LDM-540		Not Executed
DMS-PRTL-REQ-0101 LDM-554	DMS-PRTL-REQ-0101-V-01 LVV-9945	LVV-T735 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0104 LDM-554	DMS-PRTL-REQ-0104-V-01 LVV-9946	LVV-T738 LDM-540		Not Executed
DMS-PRTL-REQ-0108 LDM-554	DMS-PRTL-REQ-0108-V-01 LVV-9947	LVV-T742 LDM-540		Not Executed
DMS-PRTL-REQ-0103 LDM-554	DMS-PRTL-REQ-0103-V-01 LVV-9948	LVV-T737 LDM-540		Not Executed
DMS-PRTL-REQ-0109 LDM-554	DMS-PRTL-REQ-0109-V-01 LVV-9949	LVV-T743 LDM-540		Not Executed
DMS-PRTL-REQ-0113 LDM-554	DMS-PRTL-REQ-0113-V-01 LVV-9950	LVV-T747 LDM-540		Not Executed
DMS-PRTL-REQ-0111 LDM-554	DMS-PRTL-REQ-0111-V-01 LVV-9951	LVV-T745 LDM-540		Not Executed
		LVV-T1818 LDM-540	2020-05-11 LVV-P69	Pass w/Deviation
DMS-PRTL-REQ-0114 LDM-554	DMS-PRTL-REQ-0114-V-01 LVV-9952	LVV-T748 LDM-540		Not Executed
DMS-PRTL-REQ-0112 LDM-554	DMS-PRTL-REQ-0112-V-01 LVV-9953	LVV-T746 LDM-540		Not Executed
DMS-PRTL-REQ-0110 LDM-554	DMS-PRTL-REQ-0110-V-01 LVV-9954	LVV-T744 LDM-540		Not Executed
		LVV-T1818 LDM-540	2020-05-11 LVV-P69	Pass w/Deviation
DMS-PRTL-REQ-0115 LDM-554	DMS-PRTL-REQ-0115-V-01 LVV-9955	LVV-T749 LDM-540		Not Executed
DMS-PRTL-REQ-0117 LDM-554	DMS-PRTL-REQ-0117-V-01 LVV-9956	LVV-T751 LDM-540		Not Executed
DMS-PRTL-REQ-0118 LDM-554	DMS-PRTL-REQ-0118-V-01 LVV-9957	LVV-T752 LDM-540		Not Executed
DMS-PRTL-REQ-0116 LDM-554	DMS-PRTL-REQ-0116-V-01 LVV-9958	LVV-T750 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0127 LDM-554	DMS-PRTL-REQ-0127-V-01 LVV-9959	LVV-T756 LDM-540		Not Executed
DMS-PRTL-REQ-0119 LDM-554	DMS-PRTL-REQ-0119-V-01 LVV-9960	LVV-T753 LDM-540		Not Executed
DMS-PRTL-REQ-0120 LDM-554	DMS-PRTL-REQ-0120-V-01 LVV-9961	LVV-T754 LDM-540		Not Executed
DMS-PRTL-REQ-0121 LDM-554	DMS-PRTL-REQ-0121-V-01 LVV-9962	LVV-T755 LDM-540		Not Executed
DMS-PRTL-REQ-0122 LDM-554	DMS-PRTL-REQ-0122-V-01 LVV-9963	LVV-T757 LDM-540		Not Executed
DMS-PRTL-REQ-0124 LDM-554	DMS-PRTL-REQ-0124-V-01 LVV-9964	LVV-T759 LDM-540		Not Executed
DMS-PRTL-REQ-0123 LDM-554	DMS-PRTL-REQ-0123-V-01 LVV-9965	LVV-T758 LDM-540		Not Executed
DMS-PRTL-REQ-0126 LDM-554	DMS-PRTL-REQ-0126-V-01 LVV-9966	LVV-T761 LDM-540		Not Executed
DMS-PRTL-REQ-0125 LDM-554	DMS-PRTL-REQ-0125-V-01 LVV-9967	LVV-T760 LDM-540		Not Executed
DMS-NB-REQ-0010 LDM-554	DMS-NB-REQ-0010-V-01 LVV-9968	LVV-T767 LDM-540		Not Executed
DMS-NB-REQ-0009 LDM-554	DMS-NB-REQ-0009-V-01 LVV-9969	LVV-T766 LDM-540		Not Executed
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0014 LDM-554	DMS-NB-REQ-0014-V-01 LVV-9970	LVV-T771 LDM-540		Not Executed
DMS-NB-REQ-0005 LDM-554	DMS-NB-REQ-0005-V-01 LVV-9971	LVV-T762 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation



Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0015 LDM-554	DMS-NB-REQ-0015-V-01 LVV-9972	LVV-T772 LDM-540		Not Executed
DMS-NB-REQ-0013 LDM-554	DMS-NB-REQ-0013-V-01 LVV-9973	LVV-T770 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-NB-REQ-0007 LDM-554	DMS-NB-REQ-0007-V-01 LVV-9974	LVV-T764 LDM-540		Not Executed
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0008 LDM-554	DMS-NB-REQ-0008-V-01 LVV-9975	LVV-T765 LDM-540		Not Executed
DMS-NB-REQ-0006 LDM-554	DMS-NB-REQ-0006-V-01 LVV-9976	LVV-T763 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-NB-REQ-0012 LDM-554	DMS-NB-REQ-0012-V-01 LVV-9977	LVV-T769 LDM-540		Not Executed
DMS-NB-REQ-0011 LDM-554	DMS-NB-REQ-0011-V-01 LVV-9978	LVV-T768 LDM-540		Not Executed
DMS-NB-REQ-0023 LDM-554	DMS-NB-REQ-0023-V-01 LVV-9979	LVV-T780 LDM-540		Not Executed
DMS-NB-REQ-0017 LDM-554	DMS-NB-REQ-0017-V-01 LVV-9980	LVV-T774 LDM-540		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-NB-REQ-0021 LDM-554	DMS-NB-REQ-0021-V-01 LVV-9981	LVV-T778 LDM-540		Not Executed
DMS-NB-REQ-0022 LDM-554	DMS-NB-REQ-0022-V-01 LVV-9982	LVV-T779 LDM-540		Not Executed
DMS-NB-REQ-0016 LDM-554	DMS-NB-REQ-0016-V-01 LVV-9983	LVV-T773 LDM-540		Not Executed
DMS-NB-REQ-0020 LDM-554	DMS-NB-REQ-0020-V-01 LVV-9984	LVV-T777 LDM-540		Not Executed
DMS-NB-REQ-0018 LDM-554	DMS-NB-REQ-0018-V-01 LVV-9985	LVV-T775 LDM-540		Not Executed
DMS-NB-REQ-0019 LDM-554	DMS-NB-REQ-0019-V-01 LVV-9986	LVV-T776 LDM-540		Not Executed
DMS-NB-REQ-0025 LDM-554	DMS-NB-REQ-0025-V-01 LVV-9987	LVV-T782 LDM-540		Not Executed
DMS-NB-REQ-0024 LDM-554	DMS-NB-REQ-0024-V-01 LVV-9988	LVV-T781 LDM-540		Not Executed
DMS-NB-REQ-0026 LDM-554	DMS-NB-REQ-0026-V-01 LVV-9989	LVV-T783 LDM-540		Not Executed
DMS-NB-REQ-0032 LDM-554	DMS-NB-REQ-0032-V-01 LVV-9990	LVV-T784 LDM-540		Not Executed
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0033 LDM-554	DMS-NB-REQ-0033-V-01 LVV-9991	LVV-T785 LDM-540		Not Executed
DMS-NB-REQ-0035 LDM-554	DMS-NB-REQ-0035-V-01 LVV-9992	LVV-T787 LDM-540		Not Executed
DMS-NB-REQ-0034 LDM-554	DMS-NB-REQ-0034-V-01 LVV-9993	LVV-T786 LDM-540		Not Executed
DMS-NB-REQ-0036 LDM-554	DMS-NB-REQ-0036-V-01 LVV-9994	LVV-T788 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-NB-REQ-0030 LDM-554	DMS-NB-REQ-0030-V-01 LVV-9995	LVV-T790		Not Executed
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0029 LDM-554	DMS-NB-REQ-0029-V-01 LVV-9996	LVV-T789		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-NB-REQ-0031 LDM-554	DMS-NB-REQ-0031-V-01 LVV-9997	LVV-T791 LDM-540		Not Executed
DMS-NB-REQ-0002 LDM-554	DMS-NB-REQ-0002-V-01 LVV-9998	LVV-T793		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-NB-REQ-0003 LDM-554	DMS-NB-REQ-0003-V-01 LVV-9999	LVV-T794 LDM-540		Not Executed
DMS-NB-REQ-0001 LDM-554	DMS-NB-REQ-0001-V-01 LVV-10000	LVV-T792		Not Executed
		LVV-T1436 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
		LVV-T2171 LDM-540	2021-10-01 LVV-P79	Passed
DMS-NB-REQ-0004 LDM-554	DMS-NB-REQ-0004-V-01 LVV-10001	LVV-T795 LDM-540		Not Executed
DMS-API-REQ-0023 LDM-554	DMS-API-REQ-0023-V-01 LVV-10002	LVV-T798		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0022 LDM-554	DMS-API-REQ-0022-V-01 LVV-10003	LVV-T797 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-API-REQ-0028 LDM-554	DMS-API-REQ-0028-V-01 LVV-10004	LVV-T803 LDM-540		Not Executed
DMS-API-REQ-0024 LDM-554	DMS-API-REQ-0024-V-01 LVV-10005	LVV-T799 LDM-540		Not Executed
DMS-API-REQ-0026 LDM-554	DMS-API-REQ-0026-V-01 LVV-10006	LVV-T801 LDM-540		Not Executed
DMS-API-REQ-0027 LDM-554	DMS-API-REQ-0027-V-01 LVV-10007	LVV-T802 LDM-540		Not Executed
DMS-API-REQ-0030 LDM-554	DMS-API-REQ-0030-V-01 LVV-10008	LVV-T805 LDM-540		Not Executed
DMS-API-REQ-0025 LDM-554	DMS-API-REQ-0025-V-01 LVV-10009	LVV-T800 LDM-540		Not Executed
DMS-API-REQ-0029 LDM-554	DMS-API-REQ-0029-V-01 LVV-10010	LVV-T804 LDM-540		Not Executed
DMS-API-REQ-0021 LDM-554	DMS-API-REQ-0021-V-01 LVV-10011	LVV-T796 LDM-540		Not Executed
DMS-API-REQ-0009 LDM-554	DMS-API-REQ-0009-V-01 LVV-10012	LVV-T809 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0008 LDM-554	DMS-API-REQ-0008-V-01 LVV-10013	LVV-T808 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0007 LDM-554	DMS-API-REQ-0007-V-01 LVV-10014	LVV-T807 LDM-540	2019-11-25 LVV-P48	Passed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0006 LDM-554	DMS-API-REQ-0006-V-01 LVV-10015	LVV-T806 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0016 LDM-554	DMS-API-REQ-0016-V-01 LVV-10016	LVV-T810 LDM-540		Not Executed
DMS-API-REQ-0018 LDM-554	DMS-API-REQ-0018-V-01 LVV-10017	LVV-T812 LDM-540		Not Executed
DMS-API-REQ-0017 LDM-554	DMS-API-REQ-0017-V-01 LVV-10018	LVV-T811 LDM-540		Not Executed
DMS-API-REQ-0039 LDM-554	DMS-API-REQ-0039-V-01 LVV-10019	LVV-T814 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0038 LDM-554	DMS-API-REQ-0038-V-01 LVV-10020	LVV-T813 LDM-540		Not Executed
DMS-API-REQ-0040 LDM-554	DMS-API-REQ-0040-V-01 LVV-10021	LVV-T815 LDM-540		Not Executed
DMS-API-REQ-0034 LDM-554	DMS-API-REQ-0034-V-01 LVV-10022	LVV-T816 LDM-540		Not Executed
DMS-API-REQ-0019 LDM-554	DMS-API-REQ-0019-V-01 LVV-10023	LVV-T817 LDM-540		Not Executed
DMS-API-REQ-0020 LDM-554	DMS-API-REQ-0020-V-01 LVV-10024	LVV-T818 LDM-540		Not Executed
DMS-API-REQ-0014 LDM-554	DMS-API-REQ-0014-V-01 LVV-10025	LVV-T823 LDM-540		Not Executed
DMS-API-REQ-0013 LDM-554	DMS-API-REQ-0013-V-01 LVV-10026	LVV-T822 LDM-540		Not Executed
DMS-API-REQ-0015 LDM-554	DMS-API-REQ-0015-V-01 LVV-10027	LVV-T824 LDM-540		Not Executed
DMS-API-REQ-0012 LDM-554	DMS-API-REQ-0012-V-01 LVV-10028	LVV-T821 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-API-REQ-0010 LDM-554	DMS-API-REQ-0010-V-01 LVV-10029	LVV-T819 LDM-540		Not Executed
DMS-API-REQ-0011 LDM-554	DMS-API-REQ-0011-V-01 LVV-10030	LVV-T820 LDM-540		Not Executed
DMS-API-REQ-0033 LDM-554	DMS-API-REQ-0033-V-01 LVV-10031	LVV-T827 LDM-540		Not Executed
DMS-API-REQ-0031 LDM-554	DMS-API-REQ-0031-V-01 LVV-10032	LVV-T825 LDM-540		Not Executed
DMS-API-REQ-0032 LDM-554	DMS-API-REQ-0032-V-01 LVV-10033	LVV-T826 LDM-540		Not Executed
DMS-API-REQ-0003 LDM-554	DMS-API-REQ-0003-V-01 LVV-10034	LVV-T829 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0004 LDM-554	DMS-API-REQ-0004-V-01 LVV-10035	LVV-T830 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0005 LDM-554	DMS-API-REQ-0005-V-01 LVV-10036	LVV-T831 LDM-540		Not Executed
DMS-API-REQ-0001 LDM-554	DMS-API-REQ-0001-V-01 LVV-10037	LVV-T828 LDM-540		Not Executed
		LVV-T1437 LDM-540	2019-12-09 LVV-P48	Pass w/Deviation
DMS-API-REQ-0035 LDM-554	DMS-API-REQ-0035-V-01 LVV-10038	LVV-T832 LDM-540		Not Executed
DMS-API-REQ-0037 LDM-554	DMS-API-REQ-0037-V-01 LVV-10039	LVV-T835 LDM-540		Not Executed
DMS-API-REQ-0002 LDM-554	DMS-API-REQ-0002-V-01 LVV-10040	LVV-T833 LDM-540		Not Executed

Table 11: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-API-REQ-0036 LDM-554	DMS-API-REQ-0036-V-01 LVV-10041	LVV-T834 LDM-540		<b>Not Executed</b>

### 3.10 LSE-400 Requirements Coverage

Table 12: DM LSE-400 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-EFD-HS-0001 LSE-400	OCS-EFD-HS-0001-V-01 LVV-18271			
OCS-EFD-HS-0002 LSE-400	OCS-EFD-HS-0002-V-01 LVV-18272			
OCS-EFD-HS-0003 LSE-400	OCS-EFD-HS-0003-V-01 LVV-18273			
OCS-EFD-HS-0004 LSE-400	OCS-EFD-HS-0004-V-01 LVV-18274			
OCS-EFD-HS-0005 LSE-400	OCS-EFD-HS-0005-V-01 LVV-18275			
OCS-EFD-HS-0006 LSE-400	OCS-EFD-HS-0006-V-01 LVV-18276			
OCS-EFD-HS-0007 LSE-400	OCS-EFD-HS-0007-V-01 LVV-18277			
OCS-EFD-HS-0008 LSE-400	OCS-EFD-HS-0008-V-01 LVV-18278			
OCS-EFD-HS-0009 LSE-400	OCS-EFD-HS-0009-V-01 LVV-18279			
OCS-EFD-HS-0010 LSE-400	OCS-EFD-HS-0010-V-01 LVV-18280			

Table 12: DM LSE-400 Requirements.

<b>Requirement</b>	<b>Verification Element</b>	<b>Test Case</b>	<b>Last Run</b>	<b>Test Status</b>
OCS-EFD-HS-0011 LSE-400	OCS-EFD-HS-0011-V-01 LVV-18281			
OCS-EFD-HS-0012 LSE-400	OCS-EFD-HS-0012-V-01 LVV-18282			
OCS-EFD-HS-0013 LSE-400	OCS-EFD-HS-0013-V-01 LVV-18283			
OCS-EFD-HS-0014 LSE-400	OCS-EFD-HS-0014-V-01 LVV-18284			
OCS-EFD-HS-0015 LSE-400	OCS-EFD-HS-0015-V-01 LVV-18285			



## A References

- [1] **[LSE-419]**, Bechtol, K., 2019, *Commissioning Science Verification Test Specification*, LSE-419, URL <https://lse-419.lsst.io/>
- [2] **[LDM-555]**, Becla, J., 2017, *Data Management Database Requirements*, LDM-555, URL <https://ls.st/LDM-555>
- [3] **[LSE-75]**, Dubois-Felsmann, G., 2011, *Control System Interfaces between the Telescope and Data Management*, LSE-75, URL <https://ls.st/LSE-75>
- [4] **[LSE-69]**, Dubois-Felsmann, G., 2014, *Interface between the Camera and Data Management*, LSE-69, URL <https://ls.st/LSE-69>
- [5] **[LSE-130]**, Dubois-Felsmann, G., 2015, *Support-Data Exchanges between Data Management and Camera*, LSE-130, URL <https://ls.st/LSE-130>
- [6] **[LSE-68]**, Dubois-Felsmann, G., 2015, *Camera Data Acquisition Interface*, LSE-68, URL <https://ls.st/LSE-68>
- [7] **[LSE-140]**, Dubois-Felsmann, G., 2016, *Auxiliary Instrumentation Interface between Data Management and Telescope*, LSE-140, URL <https://ls.st/LSE-140>
- [8] **[LDM-540]**, Dubois-Felsmann, G., 2018, *LSST Science Platform Test Specification*, LDM-540, URL <https://ls.st/LDM-540>
- [9] **[LSE-61]**, Dubois-Felsmann, G., Jenness, T., 2018, *LSST Data Management Subsystem Requirements*, LSE-61, URL <https://ls.st/LSE-61>
- [10] **[LSE-72]**, Dubois-Felsmann, G., Schumacher, G., Selvy, B., 2014, *OCS Command Dictionary for Data Management*, LSE-72, URL <https://ls.st/LSE-72>
- [11] **[LDM-554]**, Dubois-Felsmann, G., Ciardi, D., Mueller, F., Economou, F., 2018, *Science Platform Requirements*, LDM-554, URL <https://ls.st/LDM-554>
- [12] **[LDM-639]**, Guy, L., 2018, *DM Acceptance Test Specification*, LDM-639, URL <https://ls.st/LDM-639>
- [13] **[LSE-131]**, Jacoby, S., Emmons, B., Selvy, B., 2017, *Interface between Data Management and Education and Public Outreach*, LSE-131, URL <https://ls.st/LSE-131>

- [14] **[LDM-636]**, Kowalik, M., Gower, M., Kooper, R., 2019, *Batch Production Service Requirements*, LDM-636, URL <https://1s.st/LDM-636>
- [15] **[LSE-400]**, Lim, K.T., 2019, *Header Service Interface*, LSE-400, URL <https://1se-400.lsst.io>
- [16] **[LDM-503]**, O’Mullane, W., Swinbank, J., Jurić, M., Economou, F., 2018, *Data Management Test Plan*, LDM-503, URL <https://1s.st/LDM-503>
- [17] **[DMTR-111]**, Swinbank, J., 2018, *LDM-503-09a (Science pipelines fall 2018 release) Test Plan and Report*, DMTR-111, URL <https://1s.st/DMTR-111>

## B Acronyms

Acronym	Description
API	Application Programming Interface
CA-DM-CON-ICD	Requirements for Interface between the Camera and Data Management (LSE-69)
CA-DM-DAQ-ICD	Requirements for Camera Data Acquisition Interface (LSE-68)
CA-DM-SUP-ICD	Requirements for Support-Data Exchanges between Data Management and Camera (LSE-130)
DAQ	Data Acquisition System
DM	Data Management
DM-TS-AUX-ICD	Requirements for Auxiliary Instrumentation Interface between Data Management and Telescope (LSE-140)
DM-TS-CON-ICD	Requirements for Control System Interfaces between the Telescope & Data Management (LSE-75)
DMS	Data Management Subsystem
DMS-API-REQ	LSP API Aspect requirements (LDM-554)
DMS-LSP-REQ	Top level LSP requirements (LDM-554)
DMS-NB-REQ	LSP Notebook Aspect requirements (LDM-554)
DMS-PRTL-REQ	LSP Portal Aspect requirements (LDM-554)

DMS-REQ	Data Management top level requirements (LSE-61)
DMTR	DM Test (Plan and) Report
EFD	Engineering and Facility Database
EP-DM-CON-ICD	Requirements for Interface between Data Management and EPO (LSE-131)
ICD	Interface Control Document
LDM	LSST Data Management (Document Handle)
LSE	LSST Systems Engineering (Document Handle)
LSP	LSST Science Platform (now Rubin Science Platform)
LSST	Legacy Survey of Space and Time (formerly Large Synoptic Survey Telescope)
LWV	LSST Verification and Validation (Jira project)
OCS	Observatory Control System
OCS-DM-COM-ICD	Requirements for OCS - Data Management Software Communication Interface (LSE-72)
OCS-EFD-HS	Requirements for Header Service Interface between OCS and EFD (LSE-400)
RFC	Request For Comment
TS	Test Specification
VCD	Verification Control Document