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Data Management

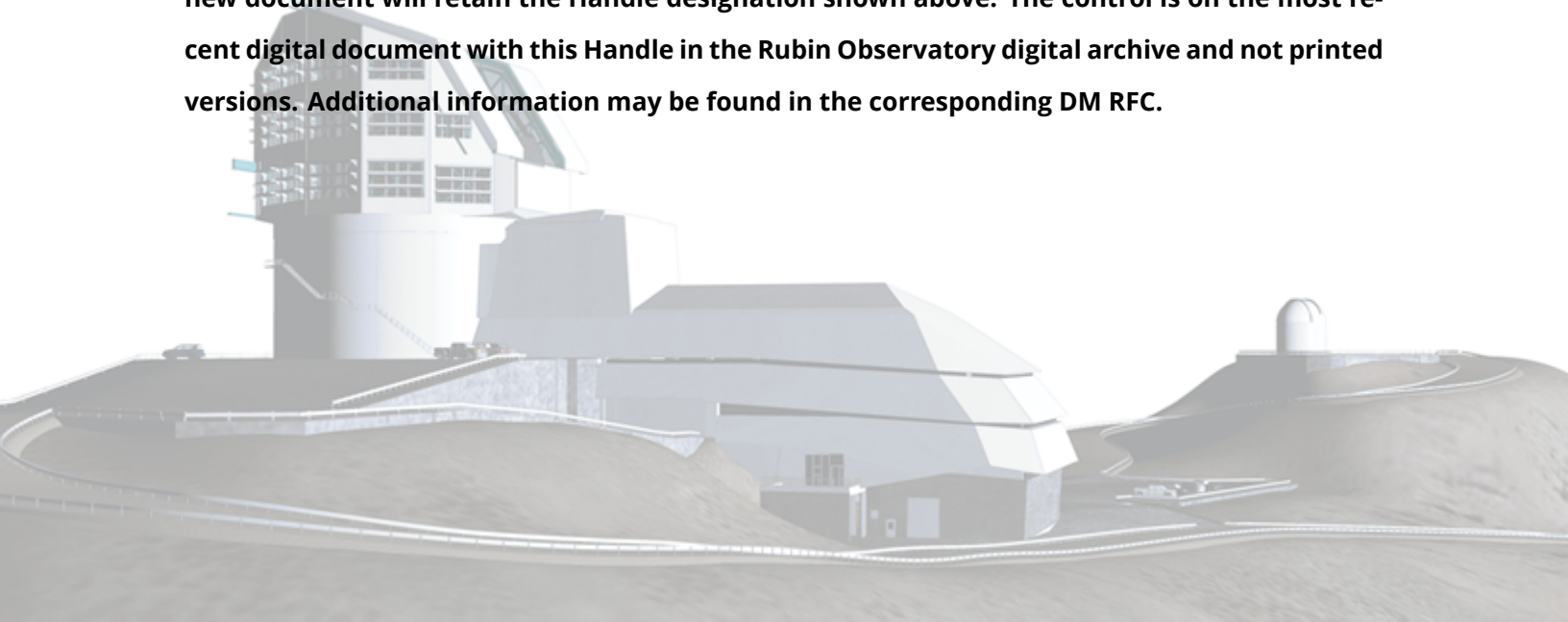
DM Verification Control Document

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LDM-692

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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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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, LVW-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 itself¹.

1.1 Applicable Documents

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

¹As 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>Verified</i> ^{2.1.1}	<i>In Verification</i> ^{2.1.2}	<i>Not Verified</i> ^{2.1.3}	<i>Total</i>
DM Requirements	(All)	187	172	355	714
LSE-61	1a	47	6	4	57
	1b	27	49	40	116
	2	3	36	18	57
	3		6		6
	Undefined		2		2
	(All)	77	99	62	238
LSE-69	Undefined			7	7
LSE-72	Undefined			52	52
LSE-75	Undefined			9	9
LSE-140	Undefined		10	20	30
LDM-554	Undefined	35	61	140	236
LSE-400	Undefined			15	15
LDM-556	Undefined	75	2	50	127
DM Verification E.	(All)	222			787

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

Table 2 provides the Test Cases result summary.

	Passed ^{2.2.1}	P. w/Dev. ^{2.2.2}	Failed ^{2.2.3}	Not Ex. ^{2.2.4}	Total
Test Cases Results	204	14	4	412	634

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 In Verification

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 Not Verified

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

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)	LVV-3 LVV-3 (p. 1b)	LVV-T217 LDM-639	2018-07-04	Pass w/Deviation
		LVV-T101 LDM-639	2025-09-17	Passed
DMS-REQ-0008 LSE-61 (p. 1b)	LVV-5 LVV-5 (p. 1b)	LVV-T171 LDM-639	2024-11-08	Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0009 LSE-61 (p. 1b)	LVV-6 LVV-6 (p. 1b)	LVV-T125 LDM-639	2020-11-03	Passed
DMS-REQ-0010 LSE-61 (p. 1b)	LVV-7 LVV-7 (p. 1b)	LVV-T36 LDM-639	2020-10-02	Passed
DMS-REQ-0018 LSE-61 (p. 1a)	LVV-8 LVV-8 (p. 1a)	LVV-T29 LDM-639	None	Not Executed
		LVV-T1934 LDM-639	2020-10-28	Passed
		LVV-T1549 LDM-639	2020-08-20	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1556 LDM-639	2020-09-03	Passed
		LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T283 LDM-639	2019-05-22	Passed
		LVV-T1550 LDM-639	None	Not Executed
DMS-REQ-0020 LSE-61 (p. 1a)	LVV-9 LVV-9 (p. 1a)	LVV-T1549 LDM-639	2020-08-20	Passed
		LVV-T1556 LDM-639	2020-09-03	Passed
		LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T283 LDM-639	2019-05-22	Passed
		LVV-T30 LDM-639	2025-08-21	Passed
DMS-REQ-0022 LSE-61 (p. Undefined)	LVV-10 LVV-10			
DMS-REQ-0024 LSE-61 (p. 1a)	LVV-11 LVV-11 (p. 1a)	LVV-T1934	2020-10-28	Passed
		LVV-T1549 LDM-639	2020-08-20	Passed
		LVV-T1556 LDM-639	2020-09-03	Passed
		LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T283 LDM-639	2019-05-22	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T32 LDM-639	2022-11-09	Passed
DMS-REQ-0029 LSE-61 (p. 1b)	LVV-12 LVV-12 (p. 1b)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T39 LDM-639	2020-11-03	Passed
		LVV-T15 LDM-639	2019-05-22	Passed
DMS-REQ-0030 LSE-61 (p. 1a)	LVV-13 LVV-13 (p. 1a)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T40 LDM-639	2020-01-28	Pass w/Deviation
		LVV-T15 LDM-639	2019-05-22	Passed
	LVV-9741 LVV-9741 (p. 1a)	LVV-T1240 LDM-639	2020-01-28	Passed
DMS-REQ-0032 LSE-61 (p. 1b)	LVV-14 LVV-14 (p. 1b)	LVV-T126 LDM-639	2022-08-30	Passed
	LVV-20908 LVV-20908 (p. 1b)	LVV-T3177 LDM-639	2025-10-15	Not Executed
DMS-REQ-0033 LSE-61 (p. 1a)	LVV-15 LVV-15 (p. 1a)	LVV-T127 LDM-639	2022-08-23	Passed
DMS-REQ-0034 LSE-61 (p. 1b)	LVV-16 LVV-16 (p. 1b)	LVV-T61 LDM-639	2024-11-08	Not Executed
DMS-REQ-0042 LSE-61 (p. 1b)	LVV-17 LVV-17 (p. 1b)	LVV-T128 LDM-639	2024-11-08	Not Executed
DMS-REQ-0043 LSE-61 (p. 1a)	LVV-18 LVV-18 (p. 1a)	LVV-T129 LDM-639	2022-12-15	Not Executed
		LVV-T22 LDM-639	2019-05-22	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T21 LDM-639	2019-05-22	Passed
DMS-REQ-0046 LSE-61 (p. 2)	LVV-19 LVV-19 (p. 2)	LVV-T68 LDM-639		Not Executed
DMS-REQ-0047 LSE-61 (p. 1b)	LVV-20 LVV-20 (p. 1b)	LVV-T16 LDM-639	2019-05-22	Passed
		LVV-T62 LDM-639	2020-01-23	Passed
DMS-REQ-0052 LSE-61 (p. 1b)	LVV-21 LVV-21 (p. 1b)	LVV-T130 LDM-639	2024-11-08	Not Executed
DMS-REQ-0059 LSE-61 (p. 1a)	LVV-22 LVV-22 (p. 1a)	LVV-T83 LDM-639	2025-07-16	Not Executed
DMS-REQ-0060 LSE-61 (p. 1a)	LVV-23 LVV-23 (p. 1a)	LVV-T84 LDM-639	2022-08-29	Passed
DMS-REQ-0061 LSE-61 (p. 1a)	LVV-24 LVV-24 (p. 1a)	LVV-T85 LDM-639	2025-04-16	Passed
DMS-REQ-0062 LSE-61 (p. 1b)	LVV-25 LVV-25 (p. 1b)	LVV-T86 LDM-639	2025-10-13	Not Executed
DMS-REQ-0063 LSE-61 (p. 1b)	LVV-26 LVV-26 (p. 1b)	LVV-T87 LDM-639	2025-10-13	Not Executed
DMS-REQ-0065 LSE-61 (p. 1b)	LVV-27 LVV-27 (p. 1b)	Verified in: LVV-10004(LVV-10004) LVV-10016(LVV-10016) LVV-10018(LVV-10018) LVV-10017(LVV-10017)		
		LVV-T134 LDM-639	2024-11-08	Not Executed
DMS-REQ-0068 LSE-61 (p. 1a)	LVV-28 LVV-28 (p. 1a)	LVV-T1549 LDM-639	2020-08-20	Passed
		LVV-T1556 LDM-639	2020-09-03	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T33 LDM-639	2023-01-09	Not Executed
		LVV-T283 LDM-639	2019-05-22	Passed
		LVV-T1550 LDM-639	None	Not Executed
		LVV-T286 LDM-639	2019-05-22	Passed
DMS-REQ-0069 LSE-61 (p. 1a)	LVV-29 LVV-29 (p. 1a)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T18 LDM-639	2019-05-22	Passed
		LVV-T38 LDM-639	2020-11-04	Passed
		LVV-T15 LDM-639	2019-05-22	Passed
DMS-REQ-0070 LSE-61 (p. 1b)	LVV-30 LVV-30 (p. 1b)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T41 LDM-639	2020-02-04	Passed
		LVV-T15 LDM-639	2019-05-22	Passed
DMS-REQ-0072 LSE-61 (p. 1a)	LVV-31 LVV-31 (p. 1a)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T42 LDM-639	2020-11-04	Passed
		LVV-T15 LDM-639	2019-05-22	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0074	LVV-32	LVV-T20	2019-05-22	Failed
LSE-61 (p. 1b)	LVV-32 (p. 1b)	LDM-639		
		LVV-T37	2025-10-16	Passed
		LDM-639		
DMS-REQ-0075	LVV-33	LVV-T149	2023-08-30	Passed
LSE-61 (p. 1a)	LVV-33 (p. 1a)	LDM-639		
DMS-REQ-0077	LVV-34	LVV-T150	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-34 (p. 1b)	LDM-639		
DMS-REQ-0078	LVV-35	LVV-T151	2020-08-20	Passed
LSE-61 (p. 1a)	LVV-35 (p. 1a)	LDM-639		
		LVV-T1232	2020-08-19	Passed
		LDM-639		
DMS-REQ-0089	LVV-36	LVV-T102	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-36 (p. 1b)	LDM-639		
DMS-REQ-0094	LVV-37	LVV-T152	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-37 (p. 1b)	LDM-639		
DMS-REQ-0096	LVV-38	LVV-T103	2025-09-10	Not Executed
LSE-61 (p. 1a)	LVV-38 (p. 1a)	LDM-639		
DMS-REQ-0097	LVV-39	LVV-T45	None	Not Executed
LSE-61 (p. 1a)	LVV-39 (p. 1a)	LDM-639		
DMS-REQ-0098	LVV-40	LVV-T104	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-40 (p. 1b)	LDM-639		
DMS-REQ-0099	LVV-41	LVV-T46	None	Not Executed
LSE-61 (p. 1b)	LVV-41 (p. 1b)	LDM-639		
DMS-REQ-0100	LVV-42	LVV-T105	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-42 (p. 1b)	LDM-639		
DMS-REQ-0101	LVV-43	LVV-T47	2025-09-10	Not Executed
LSE-61 (p. 1a)	LVV-43 (p. 1a)	LDM-639		
DMS-REQ-0102	LVV-44	LVV-T3155	2025-06-14	Passed
LSE-61 (p. 1a)	LVV-44 (p. 1a)	LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T153 LDM-639	2025-06-14	Passed
DMS-REQ-0103 LSE-61 (p. 1b)	LVV-45 LVV-45 (p. 1b)	LVV-T63 LDM-639	2024-11-08	Not Executed
DMS-REQ-0106 LSE-61 (p. 1b)	LVV-46 LVV-46 (p. 1b)	LVV-T11 LDM-639	2019-05-22	Passed
		LVV-T64 LDM-639	2024-11-08	Not Executed
DMS-REQ-0119 LSE-61 (p. 2)	LVV-47 LVV-47 (p. 2)	LVV-T117 LDM-639		Not Executed
DMS-REQ-0120 LSE-61 (p. 2)	LVV-48 LVV-48 (p. 2)	LVV-T118 LDM-639		Not Executed
DMS-REQ-0121 LSE-61 (p. 2)	LVV-49 LVV-49 (p. 2)	LVV-T119 LDM-639		Not Executed
DMS-REQ-0122 LSE-61 (p. 2)	LVV-50 LVV-50 (p. 2)	LVV-T204 LDM-639		Not Executed
DMS-REQ-0123 LSE-61 (p. 2)	LVV-51 LVV-51 (p. 2)	LVV-T205 LDM-639		Not Executed
DMS-REQ-0124 LSE-61 (p. 2)	LVV-52 LVV-52 (p. 2)	LVV-T206 LDM-639		Not Executed
DMS-REQ-0125 LSE-61 (p. 2)	LVV-53 LVV-53 (p. 2)	LVV-T120 LDM-639		Not Executed
DMS-REQ-0126 LSE-61 (p. 2)	LVV-54 LVV-54 (p. 2)	LVV-T207 LDM-639		Not Executed
DMS-REQ-0127 LSE-61 (p. 2)	LVV-55 LVV-55 (p. 2)	LVV-T208 LDM-639		Not Executed
DMS-REQ-0128 LSE-61 (p. 2)	LVV-56 LVV-56 (p. 2)	LVV-T121 LDM-639		Not Executed
DMS-REQ-0130 LSE-61 (p. 1a)	LVV-57 LVV-57 (p. 1a)	LVV-T88 LDM-639	2025-08-19	Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0131 LSE-61 (p. 2)	LVV-58 LVV-58 (p. 2)	LVV-T106 LDM-639	2025-07-02	Not Executed
	LVV-9745 LVV-9745 (p. 2)	LVV-T1277 LDM-639		Not Executed
DMS-REQ-0132 LSE-61 (p. 1a)	LVV-59 LVV-59 (p. 1a)	LVV-T89 LDM-639	2025-05-02	Passed
DMS-REQ-0155 LSE-61 (p. 1a)	LVV-60 LVV-60 (p. 1a)	Verified in: LVV-129(LVV-129) LVV-131(LVV-131) LVV-130(LVV-130)		
DMS-REQ-0156 LSE-61 (p. 1a)	LVV-61 LVV-61 (p. 1a)	Verified in: LVV-135(LVV-135) LVV-134(LVV-134) LVV-133(LVV-133)		
DMS-REQ-0158 LSE-61 (p. 1a)	LVV-62 LVV-62 (p. 1a)	Verified in: LVV-136(LVV-136) LVV-137(LVV-137)		
		LVV-T11 LDM-639	2019-05-22	Passed
DMS-REQ-0160 LSE-61 (p. 1b)	LVV-63 LVV-63 (p. 1b)	LVV-T131 LDM-639	2024-11-08	Not Executed
DMS-REQ-0161 LSE-61 (p. 1b)	LVV-64 LVV-64 (p. 1b)	LVV-T172 LDM-639	2024-11-08	Not Executed
DMS-REQ-0162 LSE-61 (p. 1b)	LVV-65 LVV-65 (p. 1b)	Verified in: LVV-68(LVV-68)		
		LVV-T173 LDM-639	2025-10-13	Not Executed
DMS-REQ-0163 LSE-61 (p. 1b)	LVV-66 LVV-66 (p. 1b)	LVV-T174 LDM-639	2025-10-13	Not Executed
DMS-REQ-0164 LSE-61 (p. 1b)	LVV-67 LVV-67 (p. 1b)	LVV-T175 LDM-639	2024-11-08	Not Executed
DMS-REQ-0165 LSE-61 (p. 1b)	LVV-68 LVV-68 (p. 1b)	LVV-T287 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T176 LDM-639	None	Not Executed
DMS-REQ-0166 LSE-61 (p. 1b)	LVV-69 LVV-69 (p. 1b)	LVV-T177 LDM-639	2024-11-08	Not Executed
DMS-REQ-0167 LSE-61 (p. 2)	LVV-70 LVV-70 (p. 2)	LVV-T178 LDM-639		Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0168 LSE-61 (p. 1a)	LVV-71 LVV-71 (p. 1a)	LVV-T2338		Not Executed
		LVV-T1097 LDM-639	2024-12-13	Passed
DMS-REQ-0170 LSE-61 (p. 1b)	LVV-72 LVV-72 (p. 1b)	LVV-T182 LDM-639	2024-11-08	Not Executed
DMS-REQ-0171 LSE-61 (p. 1a)	LVV-73 LVV-73 (p. 1a)	LVV-T1612 LDM-639	2024-12-16	Passed
		LVV-T1168 LDM-639	2019-07-09	Passed
DMS-REQ-0172 LSE-61 (p. 1b)	LVV-74 LVV-74 (p. 1b)	LVV-T185 LDM-639	2024-12-16	Passed
DMS-REQ-0173 LSE-61 (p. 1b)	LVV-75 LVV-75 (p. 1b)	LVV-T186 LDM-639	2024-12-18	Passed
DMS-REQ-0174 LSE-61 (p. 1b)	LVV-76 LVV-76 (p. 1b)	LVV-T187 LDM-639	2025-03-03	Passed
DMS-REQ-0175 LSE-61 (p. 1b)	LVV-77 LVV-77 (p. 1b)	LVV-T188 LDM-639	2025-01-22	Passed
DMS-REQ-0176 LSE-61 (p. 1a)	LVV-78 LVV-78 (p. 1a)	LVV-T189 LDM-639	2024-12-17	Passed
DMS-REQ-0177 LSE-61 (p. Undefined)	LVV-79			

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0178 LSE-61 (p. 1b)	LVV-80 LVV-80 (p. 1b)	LVV-T190 LDM-639	2022-08-25	Passed
DMS-REQ-0180 LSE-61 (p. 1b)	LVV-81 LVV-81 (p. 1b)	LVV-T193 LDM-639	2025-01-24	Passed
DMS-REQ-0181 LSE-61 (p. 1b)	LVV-82 LVV-82 (p. 1b)	LVV-T194 LDM-639	2025-01-23	Passed
DMS-REQ-0182 LSE-61 (p. 1b)	LVV-83 LVV-83 (p. 1b)	LVV-T195 LDM-639	2025-03-21	Passed
DMS-REQ-0183 LSE-61 (p. 1b)	LVV-84 LVV-84 (p. 1b)	LVV-T196 LDM-639	2025-01-22	Passed
DMS-REQ-0185 LSE-61 (p. 1a)	LVV-85 LVV-85 (p. 1a)	LVV-T197 LDM-639	2025-07-17	Passed
DMS-REQ-0186 LSE-61 (p. 1a)	LVV-86 LVV-86 (p. 1a)	LVV-T198 LDM-639	2025-10-14	Passed
DMS-REQ-0187 LSE-61 (p. 1b)	LVV-87 LVV-87 (p. 1b)	LVV-T199 LDM-639	2022-08-25	Passed
DMS-REQ-0188 LSE-61 (p. 1b)	LVV-88 LVV-88 (p. 1b)	LVV-T200 LDM-639	2024-11-08	Not Executed
DMS-REQ-0189 LSE-61 (p. 1b)	LVV-89 LVV-89 (p. 1b)	LVV-T201 LDM-639	2024-11-08	Not Executed
DMS-REQ-0190 LSE-61 (p. 1b)	LVV-90 LVV-90 (p. 1b)	LVV-T202 LDM-639	2024-11-08	Not Executed
DMS-REQ-0191 LSE-61 (p. 1b)	LVV-91 LVV-91 (p. 1b)	LVV-T203 LDM-639	2025-06-16	Passed
DMS-REQ-0193 LSE-61 (p. 1b)	LVV-92 LVV-92 (p. 1b)	Verified in: LVV-94(LVV-94) LVV-95(LVV-95)		
		LVV-T209 LDM-639	2024-11-08	Not Executed
DMS-REQ-0194 LSE-61 (p. 1b)	LVV-93 LVV-93 (p. 1b)	LVV-T210 LDM-639	2024-11-08	Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0196 LSE-61 (p. 1b)	LVV-94 LVV-94 (p. 1b)	LVV-T211 LDM-639	2025-06-13	Passed
DMS-REQ-0197 LSE-61 (p. 2)	LVV-95 LVV-95 (p. 2)	LVV-T212 LDM-639		Not Executed
		LVV-T211 LDM-639	2025-06-13	Passed
DMS-REQ-0265 LSE-61 (p. 1a)	LVV-96 LVV-96 (p. 1a)	LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T283 LDM-639	2019-05-22	Passed
		LVV-T34 LDM-639		Not Executed
DMS-REQ-0266 LSE-61 (p. 1a)	LVV-97 LVV-97 (p. 1a)	LVV-T48 LDM-639	2025-02-28	Passed
DMS-REQ-0267 LSE-61 (p. 1b)	LVV-98 LVV-98 (p. 1b)	LVV-T65 LDM-639	2025-08-21	Passed
		LVV-T13 LDM-639	2019-05-22	Passed
		LVV-T12 LDM-639	2019-05-22	Passed
DMS-REQ-0268 LSE-61 (p. 1b)	LVV-99 LVV-99 (p. 1b)	LVV-T66 LDM-639	2022-09-28	Passed
DMS-REQ-0269 LSE-61 (p. 1b)	LVV-100 LVV-100 (p. 1b)	LVV-T18 LDM-639	2019-05-22	Passed
		LVV-T49 LDM-639	2024-11-08	Not Executed
		LVV-T21 LDM-639	2019-05-22	Passed
DMS-REQ-0270 LSE-61 (p. 2)	LVV-101 LVV-101 (p. 2)	LVV-T50 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T21 LDM-639	2019-05-22	Passed
DMS-REQ-0271 LSE-61 (p. 1b)	LVV-102 LVV-102 (p. 1b)	LVV-T18 LDM-639	2019-05-22	Passed
		LVV-T51 LDM-639	2024-11-08	Not Executed
		LVV-T22 LDM-639	2019-05-22	Passed
	LVV-9742 LVV-9742 (p. 1b)	LVV-T2304 LDM-639	2024-11-08	Not Executed
	LVV-9743 LVV-9743 (p. 1b)	LVV-T2305 LDM-639	2024-11-08	Not Executed
DMS-REQ-0272 LSE-61 (p. 1b)	LVV-103 LVV-103 (p. 1b)	LVV-T22 LDM-639	2019-05-22	Passed
		LVV-T52 LDM-639	2024-11-08	Not Executed
DMS-REQ-0273 LSE-61 (p. 2)	LVV-104 LVV-104 (p. 2)	LVV-T53 LDM-639		Not Executed
DMS-REQ-0274 LSE-61 (p. 1b)	LVV-105 LVV-105 (p. 1b)	LVV-T54 LDM-639	2024-11-08	Not Executed
DMS-REQ-0275 LSE-61 (p. 1b)	LVV-106 LVV-106 (p. 1b)	LVV-T14 LDM-639	2019-05-22	Pass w/Deviation
		LVV-T67 LDM-639	2024-11-08	Not Executed
		LVV-T12 LDM-639	2019-05-22	Passed
DMS-REQ-0276 LSE-61 (p. 1b)	LVV-107 LVV-107 (p. 1b)	LVV-T69 LDM-639	2024-11-08	Not Executed
DMS-REQ-0277 LSE-61 (p. 1b)	LVV-108 LVV-108 (p. 1b)			

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0278 LSE-61 (p. 1b)	LVV-109 LVV-109 (p. 1b)	LVV-T16 LDM-639	2019-05-22	Passed
		LVV-T72 LDM-639	2024-03-21	Passed
DMS-REQ-0279 LSE-61 (p. 1b)	LVV-110 LVV-110 (p. 1b)	LVV-T16 LDM-639	2019-05-22	Passed
		LVV-T73 LDM-639	2025-08-20	Passed
		LVV-T12 LDM-639	2019-05-22	Passed
DMS-REQ-0280 LSE-61 (p. 1b)	LVV-111 LVV-111 (p. 1b)	LVV-T74 LDM-639	2022-08-22	Passed
DMS-REQ-0281 LSE-61 (p. 1b)	LVV-112 LVV-112 (p. 1b)	LVV-T75 LDM-639	2024-11-08	Not Executed
DMS-REQ-0282 LSE-61 (p. 1a)	LVV-113 LVV-113 (p. 1a)	LVV-T90 LDM-639	2022-08-29	Passed
	LVV-18881 LVV-18881 (p. 1a)	LVV-T1862 LDM-639	2025-04-28	Passed
DMS-REQ-0283 LSE-61 (p. 1b)	LVV-114 LVV-114 (p. 1b)	LVV-T91 LDM-639	2022-08-29	Passed
DMS-REQ-0284 LSE-61 (p. 1b)	LVV-115 LVV-115 (p. 1b)	LVV-T107 LDM-639	2024-11-08	Not Executed
		LVV-T284 LDM-639	2019-06-24	Passed
		LVV-T283 LDM-639	2019-05-22	Passed
		LVV-T286 LDM-639	2019-05-22	Passed
DMS-REQ-0285 LSE-61 (p. 1b)	LVV-116 LVV-116 (p. 1b)	LVV-T108 LDM-639	2024-11-08	Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T22 LDM-639	2019-05-22	Passed
		LVV-T550		Not Executed
DMS-REQ-0286 LSE-61 (p. 2)	LVV-117 LVV-117 (p. 2)	LVV-T109 LDM-639		Not Executed
DMS-REQ-0287 LSE-61 (p. 1b)	LVV-118 LVV-118 (p. 1b)	LVV-T110 LDM-639	2024-11-08	Not Executed
	LVV-9746 LVV-9746 (p. 1b)	LVV-T110 LDM-639	2024-11-08	Not Executed
	LVV-9747 LVV-9747 (p. 1b)	LVV-T110 LDM-639	2024-11-08	Not Executed
DMS-REQ-0288 LSE-61 (p. 2)	LVV-119 LVV-119 (p. 2)	LVV-T111 LDM-639		Not Executed
DMS-REQ-0289 LSE-61 (p. 1a)	LVV-120 LVV-120 (p. 1a)	LVV-T115 LDM-639	2025-05-13	Passed
DMS-REQ-0290 LSE-61 (p. 2)	LVV-121 LVV-121 (p. 2)	LVV-T122 LDM-639		Not Executed
DMS-REQ-0291 LSE-61 (p. 1b)	LVV-122 LVV-122 (p. 1b)	LVV-T96 LDM-639	2024-11-08	Not Executed
DMS-REQ-0292 LSE-61 (p. 1a)	LVV-123 LVV-123 (p. 1a)	LVV-T97 LDM-639	2023-11-01	Passed
DMS-REQ-0293 LSE-61 (p. 1a)	LVV-124 LVV-124 (p. 1a)	LVV-T11 LDM-639	2019-05-22	Passed
		LVV-T98 LDM-639	2025-08-19	Passed
DMS-REQ-0294 LSE-61 (p. 1b)	LVV-125 LVV-125 (p. 1b)	LVV-T99 LDM-639	2024-11-08	Not Executed
		LVV-T12 LDM-639	2019-05-22	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0295 LSE-61 (p. 2)	LVV-126 LVV-126 (p. 2)	LVV-T100 LDM-639		Not Executed
DMS-REQ-0296 LSE-61 (p. 1a)	LVV-127 LVV-127 (p. 1a)	LVV-T132 LDM-639	2020-02-06	Passed
DMS-REQ-0297 LSE-61 (p. 1a)	LVV-128 LVV-128 (p. 1a)	LVV-T146 LDM-639	None	Not Executed
DMS-REQ-0298 LSE-61 (p. 1a)	LVV-129 LVV-129 (p. 1a)	LVV-T136 LDM-639	2022-10-11	Passed
		LVV-T2693 LDM-639	2025-06-06	Passed
		LVV-T374 LDM-639	2018-12-06	Passed
		LVV-T2692 LDM-639	2022-10-11	Passed
	LVV-20528 LVV-20528 (p. 1a)	LVV-T2699 LDM-639	2025-06-06	Passed
		LVV-T2698 LDM-639	2022-10-11	Passed
		LVV-T2697 LDM-639	2022-10-11	Passed
DMS-REQ-0299 LSE-61 (p. 1a)	LVV-130 LVV-130 (p. 1a)	LVV-T137 LDM-639	2022-08-29	Passed
		LVV-T1934	2020-10-28	Passed
		LVV-T1985	2022-05-13	Passed
		LVV-T374 LDM-639	2018-12-06	Passed
DMS-REQ-0300 LSE-61 (p. 1b)	LVV-131 LVV-131 (p. 1b)	LVV-T138 LDM-639	2025-10-14	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0301 LSE-61 (p. 1b)	LVV-132 LVV-132 (p. 1b)	LVV-T147 LDM-639	2024-11-08	Not Executed
DMS-REQ-0302 LSE-61 (p. 1a)	LVV-133 LVV-133 (p. 1a)	LVV-T140 LDM-639	None	Not Executed
DMS-REQ-0303 LSE-61 (p. 1a)	LVV-134 LVV-134 (p. 1a)	Verified in: LVV-133(LVV-133)		
		LVV-T141 LDM-639	2022-09-28	Passed
DMS-REQ-0304 LSE-61 (p. 1a)	LVV-135 LVV-135 (p. 1a)	LVV-T142 LDM-639	2023-10-27	Passed
DMS-REQ-0305 LSE-61 (p. 1a)	LVV-136 LVV-136 (p. 1a)	LVV-T11 LDM-639	2019-05-22	Passed
		LVV-T144 LDM-639	None	Not Executed
DMS-REQ-0306 LSE-61 (p. 1a)	LVV-137 LVV-137 (p. 1a)	LVV-T11 LDM-639	2019-05-22	Passed
		LVV-T145 LDM-639	None	Not Executed
DMS-REQ-0307 LSE-61 (p. 2)	LVV-138 LVV-138 (p. 2)	LVV-T148 LDM-639		Not Executed
DMS-REQ-0308 LSE-61 (p. 1b)	LVV-139 LVV-139 (p. 1b)	LVV-T17 LDM-639	2019-05-22	Passed
		LVV-T124 LDM-639	2024-11-08	Not Executed
		LVV-T216 LDM-639	2018-07-17	Pass w/Deviation
		LVV-T10 LDM-639	2019-05-22	Passed
		LVV-T363 LDM-639	2019-03-31	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T362 LDM-639	2019-03-31	Passed
DMS-REQ-0309 LSE-61 (p. 1a)	LVV-140 LVV-140 (p. 1a)	LVV-T454 LDM-639	None	Not Executed
		LVV-T154 LDM-639	2025-09-10	Not Executed
DMS-REQ-0310 LSE-61 (p. 1b)	LVV-141 LVV-141 (p. 1b)	LVV-T155 LDM-639	2024-11-08	Not Executed
DMS-REQ-0311 LSE-61 (p. 1b)	LVV-142 LVV-142 (p. 1b)	LVV-T156 LDM-639	2024-11-08	Not Executed
DMS-REQ-0312 LSE-61 (p. 1b)	LVV-143 LVV-143 (p. 1b)	LVV-T157 LDM-639	2024-11-08	Not Executed
DMS-REQ-0313 LSE-61 (p. 1b)	LVV-144 LVV-144 (p. 1b)	LVV-T158 LDM-639	2024-11-08	Not Executed
DMS-REQ-0314 LSE-61 (p. 1b)	LVV-145 LVV-145 (p. 1b)	LVV-T179 LDM-639	2024-11-08	Not Executed
DMS-REQ-0315 LSE-61 (p. 1a)	LVV-146 LVV-146 (p. 1a)			
DMS-REQ-0316 LSE-61 (p. 1a)	LVV-147 LVV-147 (p. 1a)	LVV-T191 LDM-639	2024-10-30	Passed
DMS-REQ-0317 LSE-61 (p. 2)	LVV-148 LVV-148 (p. 2)	LVV-T55 LDM-639	2022-10-24	Passed
DMS-REQ-0318 LSE-61 (p. 1b)	LVV-149 LVV-149 (p. 1b)	LVV-T180 LDM-639	2024-11-08	Not Executed
		LVV-T287 LDM-639		Not Executed
DMS-REQ-0319 LSE-61 (p. 1b)	LVV-150 LVV-150 (p. 1b)	LVV-T56 LDM-639	2024-11-08	Not Executed
DMS-REQ-0320 LSE-61 (p. 2)	LVV-151 LVV-151 (p. 2)	Verified in: LVV-28(LVV-28)		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T92 LDM-639		Not Executed
DMS-REQ-0321 LSE-61 (p. 2)	LVV-152 LVV-152 (p. 2)	LVV-T93 LDM-639		Not Executed
DMS-REQ-0322 LSE-61 (p. 1b)	LVV-153 LVV-153 (p. 1b)	LVV-T94 LDM-639	2024-11-08	Not Executed
DMS-REQ-0323 LSE-61 (p. 3)	LVV-154 LVV-154 (p. 3)	LVV-T57 LDM-639		Not Executed
DMS-REQ-0324 LSE-61 (p. 1b)	LVV-155 LVV-155 (p. 1b)	LVV-T58 LDM-639	2024-11-08	Not Executed
DMS-REQ-0325 LSE-61 (p. 2)	LVV-156 LVV-156 (p. 2)	LVV-T59 LDM-639		Not Executed
DMS-REQ-0326 LSE-61 (p. 2)	LVV-157 LVV-157 (p. 2)	LVV-T23 LDM-639		Not Executed
DMS-REQ-0327 LSE-61 (p. 1b)	LVV-158 LVV-158 (p. 1b)	LVV-T19 LDM-639	2019-05-22	Passed
		LVV-T43 LDM-639	None	Not Executed
		LVV-T15 LDM-639	2019-05-22	Passed
DMS-REQ-0328 LSE-61 (p. 1b)	LVV-159 LVV-159 (p. 1b)	LVV-T44 LDM-639	2024-11-08	Not Executed
DMS-REQ-0329 LSE-61 (p. 2)	LVV-160 LVV-160 (p. 2)	LVV-T76 LDM-639		Not Executed
DMS-REQ-0330 LSE-61 (p. 2)	LVV-161 LVV-161 (p. 2)	LVV-T77 LDM-639	2022-08-30	Passed
DMS-REQ-0331 LSE-61 (p. 1b)	LVV-162 LVV-162 (p. 1b)	LVV-T22 LDM-639	2019-05-22	Passed
		LVV-T21 LDM-639	2019-05-22	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T14 LDM-639	2019-05-22	Pass w/Deviation
		LVV-T24 LDM-639	2025-10-17	Passed
		LVV-T13 LDM-639	2019-05-22	Passed
DMS-REQ-0332 LSE-61 (p. 2)	LVV-163 LVV-163 (p. 2)	LVV-T25 LDM-639		Not Executed
DMS-REQ-0333 LSE-61 (p. 1b)	LVV-164 LVV-164 (p. 1b)	LVV-T26 LDM-639	2025-10-17	Passed
DMS-REQ-0334 LSE-61 (p. 1b)	LVV-165 LVV-165 (p. 1b)	LVV-T16 LDM-639	2019-05-22	Passed
		LVV-T15 LDM-639	2019-05-22	Passed
		LVV-T14 LDM-639	2019-05-22	Pass w/Deviation
		LVV-T13 LDM-639	2019-05-22	Passed
		LVV-T78 LDM-639	2022-08-30	Passed
		LVV-T12 LDM-639	2019-05-22	Passed
DMS-REQ-0335 LSE-61 (p. 2)	LVV-166 LVV-166 (p. 2)	LVV-T79 LDM-639	2022-10-24	Passed
DMS-REQ-0336 LSE-61 (p. 2)	LVV-167 LVV-167 (p. 2)	LVV-T159 LDM-639	2024-11-08	Not Executed
DMS-REQ-0337 LSE-61 (p. 2)	LVV-168 LVV-168 (p. 2)	LVV-T80 LDM-639		Not Executed
DMS-REQ-0338 LSE-61 (p. 2)	LVV-169 LVV-169 (p. 2)	LVV-T81 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0339 LSE-61 (p. 2)	LVV-170 LVV-170 (p. 2)	LVV-T82 LDM-639		Not Executed
DMS-REQ-0340 LSE-61 (p. 2)	LVV-171 LVV-171 (p. 2)			
DMS-REQ-0341 LSE-61 (p. 1b)	LVV-172 LVV-172 (p. 1b)	LVV-T160 LDM-639	2024-11-08	Not Executed
	LVV-9749 LVV-9749 (p. 1b)	LVV-T2331 LDM-639	2024-11-08	Not Executed
DMS-REQ-0342 LSE-61 (p. 2)	LVV-173 LVV-173 (p. 2)	LVV-T218 LDM-639	2018-07-04	Pass w/Deviation
		LVV-T112 LDM-639		Not Executed
DMS-REQ-0343 LSE-61 (p. 2)	LVV-174 LVV-174 (p. 2)	LVV-T113 LDM-639		Not Executed
		LVV-T218 LDM-639	2018-07-04	Pass w/Deviation
	LVV-9748 LVV-9748 (p. 2)	LVV-T1252 LDM-639		Not Executed
DMS-REQ-0004 LSE-61 (p. 1b)	LVV-175 LVV-175 (p. 1b)	LVV-T95 LDM-639	2024-11-08	Not Executed
		LVV-T35 LDM-639	2024-11-08	Not Executed
	LVV-9740 LVV-9740 (p. 1b)	LVV-T1276 LDM-639	2024-11-08	Not Executed
	LVV-9803 LVV-9803 (p. 1b)	LVV-T102 LDM-639	2024-11-08	Not Executed
DMS-REQ-0345 LSE-61 (p. 2)	LVV-176 LVV-176 (p. 2)	LVV-T161 LDM-639		Not Executed
DMS-REQ-0346 LSE-61 (p. 1b)	LVV-177 LVV-177 (p. 1b)	LVV-T1934	2020-10-28	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T27 LDM-639	2024-11-08	Not Executed
		LVV-T286 LDM-639	2019-05-22	Passed
DMS-REQ-0347 LSE-61 (p. 1b)	LVV-178 LVV-178 (p. 1b)	LVV-T1947 LDM-639	2020-08-18	Failed
		LVV-T28 LDM-639	2020-01-29	Pass w/Deviation
		LVV-T1946 LDM-639	2020-08-18	Passed
DMS-REQ-0348 LSE-61 (p. 2)	LVV-179 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)	LVV-180 LVV-180 (p. 2)	LVV-T71 LDM-639	2025-07-02	Not Executed
DMS-REQ-0350 LSE-61 (p. 2)	LVV-181 LVV-181 (p. 2)	LVV-T116 LDM-639		Not Executed
DMS-REQ-0351 LSE-61 (p. 1a)	LVV-182 LVV-182 (p. 1a)	LVV-T133 LDM-639	2020-09-29	Passed
DMS-REQ-0352 LSE-61 (p. 2)	LVV-183 LVV-183 (p. 2)	LVV-T192 LDM-639	2024-12-17	Passed
	LVV-18491 LVV-18491 (p. 2)	LVV-T181 LDM-639	2024-12-13	Passed
DMS-REQ-0353 LSE-61 (p. 1b)	LVV-184 LVV-184 (p. 1b)	LVV-T60 LDM-639	2025-10-23	Passed
DMS-REQ-0354 LSE-61 (p. 1b)	LVV-185 LVV-185 (p. 1b)	LVV-T2700 LDM-639	2024-11-08	Not Executed
		LVV-T1090 LDM-639	2019-07-09	Pass w/Deviation

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T1088 LDM-639	2019-07-09	Passed
		LVV-T1089 LDM-639	2019-07-09	Pass w/Deviation
		LVV-T1086 LDM-639	2019-07-08	Passed
		LVV-T1087 LDM-639	2019-07-08	Passed
DMS-REQ-0355 LSE-61 (p. 1b)	LVV-186 LVV-186 (p. 1b)	LVV-T2332 LDM-639	2024-11-08	Not Executed
	LVV-9784 LVV-9784 (p. 1b)	LVV-T2333 LDM-639	2024-11-08	Not Executed
DMS-REQ-0356 LSE-61 (p. 1b)	LVV-187 LVV-187 (p. 1b)	LVV-T2899	2024-11-08	Not Executed
	LVV-9785 LVV-9785 (p. 1b)	LVV-T3094 LDM-639	2024-11-11	Not Executed
	LVV-9786 LVV-9786 (p. 1b)	LVV-T3171 LDM-639	2025-08-22	Not Executed
	LVV-9787 LVV-9787 (p. 1b)	LVV-T1090 LDM-639	2019-07-09	Pass w/Deviation
		LVV-T1089 LDM-639	2019-07-09	Pass w/Deviation
		LVV-T1085 LDM-639	2019-07-08	Passed
		LVV-T3170 LDM-639	2025-08-22	Not Executed
		LVV-T1090 LDM-639	2019-07-09	Pass w/Deviation
		LVV-T1089 LDM-639	2019-07-09	Pass w/Deviation

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0357 LSE-61 (p. 1b)	LVV-188	LVV-T2724	2024-11-08	Not Executed
	LVV-188 (p. 1b)	LDM-639		
		LVV-T1090	2019-07-09	Pass w/Deviation
		LDM-639		
		LVV-T1088	2019-07-09	Passed
		LDM-639		
		LVV-T1089	2019-07-09	Pass w/Deviation
		LDM-639		
		LVV-T1086	2019-07-08	Passed
		LDM-639		
DMS-REQ-0363 LSE-61 (p. 3)	LVV-189 LVV-189 (p. 3)	LVV-T162 LDM-639		Not Executed
DMS-REQ-0364 LSE-61 (p. 3)	LVV-190 LVV-190 (p. 3)	LVV-T163 LDM-639		Not Executed
	LVV-9750 LVV-9750 (p. 3)			
DMS-REQ-0365 LSE-61 (p. 2)	LVV-191 LVV-191 (p. 2)	LVV-T164 LDM-639		Not Executed
DMS-REQ-0366 LSE-61 (p. 2)	LVV-192 LVV-192 (p. 2)	LVV-T165 LDM-639		Not Executed
DMS-REQ-0367 LSE-61 (p. 2)	LVV-193 LVV-193 (p. 2)	LVV-T166 LDM-639		Not Executed
DMS-REQ-0368 LSE-61 (p. 3)	LVV-194 LVV-194 (p. 3)	LVV-T167 LDM-639		Not Executed
DMS-REQ-0369 LSE-61 (p. 1b)	LVV-195 LVV-195 (p. 1b)	LVV-T168 LDM-639	2024-11-08	Not Executed
DMS-REQ-0370 LSE-61 (p. 3)	LVV-196 LVV-196 (p. 3)	LVV-T169 LDM-639		Not Executed
DMS-REQ-0371 LSE-61 (p. 3)	LVV-197 LVV-197 (p. 3)	LVV-T170 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0377 LSE-61 (p. 1b)	LVV-3394	LVV-T385	2025-10-20	Passed
	LVV-3394 (p. 1b)	LDM-639		
	LVV-9797	LVV-T1332	2025-10-20	Passed
	LVV-9797 (p. 1b)	LDM-639		
DMS-REQ-0374 LSE-61 (p. 1b)	LVV-3395	LVV-T2900	2025-10-20	Not Executed
	LVV-3395 (p. 1b)			
	LVV-9790	LVV-T3095	2024-11-11	Not Executed
	LVV-9790 (p. 1b)	LDM-639		
	LVV-9791	LVV-T3096	2024-11-11	Not Executed
	LVV-9791 (p. 1b)	LDM-639		
DMS-REQ-0376 LSE-61 (p. 1b)	LVV-3396	LVV-T2901	2024-11-08	Not Executed
	LVV-3396 (p. 1b)			
	LVV-9795	LVV-T3097	2024-11-11	Not Executed
	LVV-9795 (p. 1b)	LDM-639		
	LVV-9796	LVV-T3098	2024-11-11	Not Executed
	LVV-9796 (p. 1b)	LDM-639		
DMS-REQ-0373 LSE-61 (p. 2)	LVV-3397	LVV-T2902		Not Executed
	LVV-3397 (p. 2)			
	LVV-9789			
	LVV-9789 (p. 2)			
DMS-REQ-0375 LSE-61 (p. 2)	LVV-3398	LVV-T2903		Not Executed
	LVV-3398 (p. 2)			
	LVV-9792			
	LVV-9792 (p. 2)			
	LVV-9793			
	LVV-9793 (p. 2)			
	LVV-9794	LVV-T2302		Not Executed
	LVV-9794 (p. 2)	LDM-639		
DMS-REQ-0378 LSE-61 (p. 2)	LVV-3399	LVV-T2904		Not Executed
	LVV-3399 (p. 2)			

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0358 LSE-61 (p. 1a)	LVV-3400 LVV-3400 (p. 1a)	LVV-T1250 LDM-639	2025-09-10	Not Executed
	LVV-9788 LVV-9788 (p. 1a)	LVV-T1251 LDM-639	2025-09-10	Not Executed
DMS-REQ-0359 LSE-61 (p. 1a)	LVV-3401 LVV-3401 (p. 1a)	LVV-T1756 LDM-639	2020-09-29	Not Executed
	LVV-9751 LVV-9751 (p. 1a)	LVV-T1847 LDM-639	2025-07-04	Passed
	LVV-9752 LVV-9752 (p. 1a)	LVV-T1758 LDM-639	2020-02-07	Failed
		LVV-T1759 LDM-639	2020-02-07	Passed
	LVV-9753 LVV-9753 (p. 1a)	LVV-T1846 LDM-639	2025-10-15	Passed
	LVV-9754 LVV-9754 (p. 1a)	LVV-T1759 LDM-639	2020-02-07	Passed
	LVV-9755 LVV-9755 (p. 1a)	LVV-T1845 LDM-639	2025-10-15	Passed
	LVV-9756 LVV-9756 (p. 1a)	LVV-T1844 LDM-639	2025-10-13	Passed
	LVV-9757 LVV-9757 (p. 1a)	LVV-T1843 LDM-639	2025-04-24	Passed
	LVV-9758 LVV-9758 (p. 1a)	LVV-T1758 LDM-639	2020-02-07	Failed
	LVV-9759 LVV-9759 (p. 1a)	LVV-T1757 LDM-639	2020-09-29	Passed
	LVV-9760 LVV-9760 (p. 1a)	LVV-T1842 LDM-639	2025-09-23	Passed
	LVV-9761 LVV-9761 (p. 1a)	LVV-T1841 LDM-639	2025-07-04	Passed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	LVV-9762	LVV-T1840	2025-07-18	Pass w/Deviation
	LVV-9762 (p. 1a)	LDM-639		
	LVV-9763	LVV-T1839	2025-09-23	Passed
	LVV-9763 (p. 1a)	LDM-639		
	LVV-9764	LVV-T1838	2025-08-21	Passed
	LVV-9764 (p. 1a)	LDM-639		
	LVV-9765	LVV-T1837	2025-10-15	Passed
	LVV-9765 (p. 1a)	LDM-639		
DMS-REQ-0360 LSE-61 (p. 1a)	LVV-9766	LVV-T1836	2024-10-22	Passed
	LVV-9766 (p. 1a)	LDM-639		
	LVV-18339	LVV-T2202	2025-09-24	Passed
	LVV-18339 (p. 1a)	LDM-639		
	LVV-3402	LVV-T1745	2020-02-06	Passed
	LVV-3402 (p. 1a)	LDM-639		
	LVV-9767	LVV-T1746	2020-02-06	Passed
	LVV-9767 (p. 1a)	LDM-639		
	LVV-9768	LVV-T1747	2020-02-06	Passed
	LVV-9768 (p. 1a)	LDM-639		
	LVV-9769	LVV-T1748	2020-02-06	Passed
	LVV-9769 (p. 1a)	LDM-639		
	LVV-9770	LVV-T1749	2020-02-06	Passed
	LVV-9770 (p. 1a)	LDM-639		
	LVV-9771	LVV-T1750	2020-02-06	Passed
	LVV-9771 (p. 1a)	LDM-639		
	LVV-9773	LVV-T1746	2020-02-06	Passed
	LVV-9773 (p. 1a)	LDM-639		
	LVV-9774	LVV-T1751	2024-10-23	Passed
	LVV-9774 (p. 1a)	LDM-639		
	LVV-9775	LVV-T1752	2024-10-23	Passed
	LVV-9775 (p. 1a)	LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	LVV-9776	LVV-T1749	2020-02-06	Passed
	LVV-9776 (p. 1a)	LDM-639		
	LVV-9777	LVV-T1750	2020-02-06	
	LVV-9777 (p. 1a)	LDM-639		
	LVV-9778	LVV-T1753	2020-02-06	Passed
	LVV-9778 (p. 1a)	LDM-639		
	LVV-9779	LVV-T1752	2024-10-23	
	LVV-9779 (p. 1a)	LDM-639		
DMS-REQ-0361 LSE-61 (p. 1b)	LVV-3403 LVV-3403 (p. 1b)	LVV-T1090	2019-07-09	Pass w/Deviation
		LVV-T1088	2019-07-09	Passed
		LVV-T1089	2019-07-09	Pass w/Deviation
DMS-REQ-0362 LSE-61 (p. 1b)	LVV-3404 LVV-3404 (p. 1b)	LVV-T1754	2020-02-06	Passed
		LDM-639		
		LVV-T376	2024-11-08	Not Executed
		LDM-639		
	LVV-9780 LVV-9780 (p. 1b)	LVV-T376	2024-11-08	Not Executed
	LDM-639			
	LVV-9781 LVV-9781 (p. 1b)	LVV-T2176	2024-11-08	Not Executed
	LVV-9782 LVV-9782 (p. 1b)	LVV-T1755	2020-02-07	Passed
	LDM-639			
	LVV-9783 LVV-9783 (p. 1b)	LVV-T2177	2024-11-08	Not Executed
	LDM-639			
DMS-REQ-0372 LSE-61 (p. 1a)	LVV-9637 LVV-9637 (p. 1a)	LVV-T1264	2020-11-07	Passed
LDM-639				
DMS-REQ-0344 LSE-61 (p. 2)	LVV-9744 LVV-9744 (p. 2)	LVV-T1866		Not Executed
		LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
	LVV-18229	LVV-T1865		Not Executed
	LVV-18229 (p. 2)	LDM-639		
DMS-REQ-0384	LVV-18222	LVV-T1524	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18222 (p. 1b)	LDM-639		
DMS-REQ-0381	LVV-18223	LVV-T1525		Not Executed
LSE-61 (p. 2)	LVV-18223 (p. 2)	LDM-639		
DMS-REQ-0380	LVV-18224	LVV-T2716	2022-09-20	Passed
LSE-61 (p. 2)	LVV-18224 (p. 1b)			
	LVV-20578			
	LVV-20578 (p. 2)			
	LVV-20579			Passed
	LVV-20579 (p. 2)			
DMS-REQ-0382	LVV-18225	LVV-T2716	2022-09-20	Passed
LSE-61 (p. 1b)	LVV-18225 (p. 1b)			
	LVV-20584	LVV-T2905	2024-11-08	Not Executed
	LVV-20584 (p. 1b)			
DMS-REQ-0385	LVV-18226	LVV-T1528	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18226 (p. 1b)	LDM-639		
DMS-REQ-0379	LVV-18227	LVV-T2716	2022-09-20	Passed
LSE-61 (p. 1b)	LVV-18227 (p. 1b)			
DMS-REQ-0383	LVV-18228	LVV-T1530	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18228 (p. 1b)	LDM-639		
DMS-REQ-0386	LVV-18230	LVV-T1560	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18230 (p. 1b)	LDM-639		
DMS-REQ-0387	LVV-18231	LVV-T1561	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18231 (p. 1b)	LDM-639		
DMS-REQ-0388	LVV-18232	LVV-T1562	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18232 (p. 1b)	LDM-639		
DMS-REQ-0390	LVV-18233	LVV-T1563	2024-11-08	Not Executed
LSE-61 (p. 1b)	LVV-18233 (p. 1b)	LDM-639		

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0389 LSE-61 (p. 1b)	LVV-18234 LVV-18234 (p. 1b)	LVV-T1564 LDM-639	2024-11-08	Not Executed
DMS-REQ-0394 LSE-61 (p. 1a)	LVV-18295 LVV-18295 (p. 1a)	LVV-T1831 LDM-639	2025-09-17	Passed
DMS-REQ-0391 LSE-61 (p. 2)	LVV-18297 LVV-18297 (p. 2)	LVV-T1867 LDM-639		Not Executed
	LVV-18911 LVV-18911 (p. 2)	LVV-T1868 LDM-639		Not Executed
DMS-REQ-0392 LSE-61 (p. 2)	LVV-18298 LVV-18298 (p. 2)	LVV-T2091 LDM-639		Not Executed
	LVV-19214 LVV-19214 (p. 2)	LVV-T2092 LDM-639		Not Executed
	LVV-19215 LVV-19215 (p. 2)	LVV-T2093 LDM-639		Not Executed
	LVV-19216 LVV-19216 (p. 2)	LVV-T2094 LDM-639		Not Executed
	LVV-19218 LVV-19218 (p. 2)	LVV-T2095 LDM-639		Not Executed
DMS-REQ-0393 LSE-61 (p. 2)	LVV-18299 LVV-18299 (p. 2)	LVV-T2097 LDM-639		Not Executed
	LVV-19217 LVV-19217 (p. 2)	LVV-T2096 LDM-639		Not Executed
		LVV-T2094 LDM-639		Not Executed
DMS-REQ-0395 LSE-61 (p. 1a)	LVV-18465 LVV-18465 (p. 1a)	LVV-T1830 LDM-639	2022-08-30	Passed
DMS-REQ-0396 LSE-61 (p. 2)	LVV-18841 LVV-18841 (p. 2)	LVV-T2330 LDM-639		Not Executed
DMS-REQ-0397 LSE-61 (p. 2)	LVV-18847 LVV-18847 (p. 2)	LVV-T1863 LDM-639		Not Executed

Table 3: DM LSE-61 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-REQ-0003 LSE-61 (p. 1a)	LVV-19488 LVV-19488 (p. 1a)	LVV-T2297 LDM-639	2025-07-15	Passed
DMS-REQ-0398 LSE-61 (p. 1b)	LVV-19489 LVV-19489 (p. 1b)	Verified in: LVV-44(LVV-44)		
DMS-REQ-0066 LSE-61 (p. 1a)	LVV-19490 LVV-19490 (p. 1a)	LVV-T2303 LDM-639	2025-07-16	Passed
DMS-REQ-0399 LSE-61 (p. 1b)	LVV-19491 LVV-19491 (p. 1b)	LVV-T2328 LDM-639	2024-11-08	Not Executed
DMS-REQ-0405 LSE-61 (p. 1b)	LVV-20864 LVV-20864 (p. 1b)	LVV-T3102 LDM-639	2024-11-11	Not Executed
DMS-REQ-0406 LSE-61 (p. 1b)	LVV-20865 LVV-20865 (p. 1b)	LVV-T3103 LDM-639	2024-11-11	Not Executed
DMS-REQ-0402 LSE-61 (p. 1a)	LVV-20866 LVV-20866 (p. 1a)	LVV-T3074 LDM-639	2025-09-10	Not Executed
DMS-REQ-0404 LSE-61 (p. 1a)	LVV-20867 LVV-20867 (p. 1a)	LVV-T3073 LDM-639	2024-10-31	Passed
DMS-REQ-0403 LSE-61 (p. 1b)	LVV-20868 LVV-20868 (p. 1b)	LVV-T3101 LDM-639	2024-11-11	Not Executed
DMS-REQ-0400 LSE-61 (p. 1b)	LVV-20869 LVV-20869 (p. 1b)	LVV-T3099 LDM-639	2025-10-21	Passed
DMS-REQ-0401 LSE-61 (p. 1b)	LVV-20870 LVV-20870 (p. 1b)	LVV-T3100 LDM-639	2024-11-11	Not Executed
DMS-REQ-0407 LSE-61 (p. 2)	LVV-20922 LVV-20922 (p. 2)			

3.2 LSE-69 Requirements Coverage

Table 4: DM LSE-69 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
CA-DM-CON-ICD-0019	LWV-4855			
LSE-69 (p. Undefined)	LWV-4855			
CA-DM-CON-ICD-0008	LWV-4861			
LSE-69 (p. Undefined)	LWV-4861			
CA-DM-CON-ICD-0007	LWV-4903			
LSE-69 (p. Undefined)	LWV-4903			
CA-DM-CON-ICD-0020	LWV-18849			
LSE-69 (p. Undefined)	LWV-18849			
CA-DM-CON-ICD-0022	LWV-18852			
LSE-69 (p. Undefined)	LWV-18852			
CA-DM-CON-ICD-0023	LWV-18855			
LSE-69 (p. Undefined)	LWV-18855			
CA-DM-CON-ICD-0021	LWV-18858			
LSE-69 (p. Undefined)	LWV-18858			

3.3 LSE-72 Requirements Coverage

Table 5: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0040	LWV-5237			
LSE-72 (p. Undefined)	LWV-5237			
OCS-DM-COM-ICD-0009	LWV-5243			
LSE-72 (p. Undefined)	LWV-5243			
OCS-DM-COM-ICD-0013	LWV-5249			
LSE-72 (p. Undefined)	LWV-5249			
OCS-DM-COM-ICD-0015	LWV-5255			
LSE-72 (p. Undefined)	LWV-5255			
OCS-DM-COM-ICD-0014	LWV-5261			
LSE-72 (p. Undefined)	LWV-5261			

Table 5: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0038	LWV-5267			
LSE-72 (p. Undefined)	LWV-5267			
OCS-DM-COM-ICD-0039	LWV-5273			
LSE-72 (p. Undefined)	LWV-5273			
OCS-DM-COM-ICD-0037	LWV-5279			
LSE-72 (p. Undefined)	LWV-5279			
OCS-DM-COM-ICD-0036	LWV-5285			
LSE-72 (p. Undefined)	LWV-5285			
OCS-DM-COM-ICD-0012	LWV-5291			
LSE-72 (p. Undefined)	LWV-5291			
OCS-DM-COM-ICD-0003	LWV-5297			
LSE-72 (p. Undefined)	LWV-5297			
OCS-DM-COM-ICD-0034	LWV-5303			
LSE-72 (p. Undefined)	LWV-5303			
OCS-DM-COM-ICD-0032	LWV-5309			
LSE-72 (p. Undefined)	LWV-5309			
OCS-DM-COM-ICD-0006	LWV-5315			
LSE-72 (p. Undefined)	LWV-5315			
OCS-DM-COM-ICD-0004	LWV-5321			
LSE-72 (p. Undefined)	LWV-5321			
OCS-DM-COM-ICD-0008	LWV-5327			
LSE-72 (p. Undefined)	LWV-5327			
OCS-DM-COM-ICD-0033	LWV-5333			
LSE-72 (p. Undefined)	LWV-5333			
OCS-DM-COM-ICD-0005	LWV-5339			
LSE-72 (p. Undefined)	LWV-5339			
OCS-DM-COM-ICD-0035	LWV-5345			
LSE-72 (p. Undefined)	LWV-5345			
OCS-DM-COM-ICD-0007	LWV-5351			
LSE-72 (p. Undefined)	LWV-5351			

Table 5: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0048	LWV-5357			
LSE-72 (p. Undefined)	LWV-5357			
OCS-DM-COM-ICD-0055	LWV-5363			
LSE-72 (p. Undefined)	LWV-5363			
OCS-DM-COM-ICD-0054	LWV-5369			
LSE-72 (p. Undefined)	LWV-5369			
OCS-DM-COM-ICD-0019	LWV-5375			
LSE-72 (p. Undefined)	LWV-5375			
OCS-DM-COM-ICD-0017	LWV-5381			
LSE-72 (p. Undefined)	LWV-5381			
OCS-DM-COM-ICD-0018	LWV-5387			
LSE-72 (p. Undefined)	LWV-5387			
OCS-DM-COM-ICD-0021	LWV-5393			
LSE-72 (p. Undefined)	LWV-5393			
OCS-DM-COM-ICD-0020	LWV-5399			
LSE-72 (p. Undefined)	LWV-5399			
OCS-DM-COM-ICD-0047	LWV-5405			
LSE-72 (p. Undefined)	LWV-5405			
OCS-DM-COM-ICD-0046	LWV-5411			
LSE-72 (p. Undefined)	LWV-5411			
OCS-DM-COM-ICD-0045	LWV-5417			
LSE-72 (p. Undefined)	LWV-5417			
OCS-DM-COM-ICD-0043	LWV-5423			
LSE-72 (p. Undefined)	LWV-5423			
OCS-DM-COM-ICD-0044	LWV-5429			
LSE-72 (p. Undefined)	LWV-5429			
OCS-DM-COM-ICD-0052	LWV-5435			
LSE-72 (p. Undefined)	LWV-5435			
OCS-DM-COM-ICD-0051	LWV-5441			
LSE-72 (p. Undefined)	LWV-5441			

Table 5: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0056	LWV-5447			
LSE-72 (p. Undefined)	LWV-5447			
OCS-DM-COM-ICD-0050	LWV-5453			
LSE-72 (p. Undefined)	LWV-5453			
OCS-DM-COM-ICD-0053	LWV-5459			
LSE-72 (p. Undefined)	LWV-5459			
OCS-DM-COM-ICD-0022	LWV-5465			
LSE-72 (p. Undefined)	LWV-5465			
OCS-DM-COM-ICD-0049	LWV-5471			
LSE-72 (p. Undefined)	LWV-5471			
OCS-DM-COM-ICD-0023	LWV-5477			
LSE-72 (p. Undefined)	LWV-5477			
OCS-DM-COM-ICD-0025	LWV-5483			
LSE-72 (p. Undefined)	LWV-5483			
OCS-DM-COM-ICD-0029	LWV-5489			
LSE-72 (p. Undefined)	LWV-5489			
OCS-DM-COM-ICD-0042	LWV-5495			
LSE-72 (p. Undefined)	LWV-5495			
OCS-DM-COM-ICD-0030	LWV-5501			
LSE-72 (p. Undefined)	LWV-5501			
OCS-DM-COM-ICD-0026	LWV-5507			
LSE-72 (p. Undefined)	LWV-5507			
OCS-DM-COM-ICD-0028	LWV-5513			
LSE-72 (p. Undefined)	LWV-5513			
OCS-DM-COM-ICD-0041	LWV-5519			
LSE-72 (p. Undefined)	LWV-5519			
OCS-DM-COM-ICD-0027	LWV-5525			
LSE-72 (p. Undefined)	LWV-5525			
OCS-DM-COM-ICD-0031	LWV-5531			
LSE-72 (p. Undefined)	LWV-5531			

Table 5: DM LSE-72 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-DM-COM-ICD-0002	LVV-5537			
LSE-72 (p. Undefined)	LVV-5537			
OCS-DM-COM-ICD-0001	LVV-5543			
LSE-72 (p. Undefined)	LVV-5543			

3.4 LSE-75 Requirements Coverage

Table 6: DM LSE-75 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-CON-ICD-0003	LVV-5628	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5628			
DM-TS-CON-ICD-0010	LVV-5634	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5634			
DM-TS-CON-ICD-0011	LVV-5640	LVV-T3068	2024-11-28	Not Executed
LSE-75 (p. Undefined)	LVV-5640			
DM-TS-CON-ICD-0002	LVV-5646	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5646			
DM-TS-CON-ICD-0006	LVV-5652			
LSE-75 (p. Undefined)	LVV-5652			
DM-TS-CON-ICD-0007	LVV-5658	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5658			
DM-TS-CON-ICD-0009	LVV-5664			
LSE-75 (p. Undefined)	LVV-5664			
DM-TS-CON-ICD-0008	LVV-5670	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5670			
DM-TS-CON-ICD-0004	LVV-5676	LVV-T2228	2022-05-11	Failed
LSE-75 (p. Undefined)	LVV-5676			

3.5 LSE-140 Requirements Coverage

Table 7: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-AUX-ICD-0020	LVV-6420			
LSE-140 (p. Undefined)	LVV-6420			
DM-TS-AUX-ICD-0029	LVV-6426			
LSE-140 (p. Undefined)	LVV-6426			
DM-TS-AUX-ICD-0027	LVV-6432			
LSE-140 (p. Undefined)	LVV-6432			
DM-TS-AUX-ICD-0022	LVV-6438			
LSE-140 (p. Undefined)	LVV-6438			
DM-TS-AUX-ICD-0023	LVV-6444			
LSE-140 (p. Undefined)	LVV-6444			
DM-TS-AUX-ICD-0021	LVV-6450			
LSE-140 (p. Undefined)	LVV-6450			
DM-TS-AUX-ICD-0025	LVV-6456			
LSE-140 (p. Undefined)	LVV-6456			
DM-TS-AUX-ICD-0026	LVV-6462			
LSE-140 (p. Undefined)	LVV-6462			
DM-TS-AUX-ICD-0024	LVV-6468			
LSE-140 (p. Undefined)	LVV-6468			
DM-TS-AUX-ICD-0037	LVV-6474			
LSE-140 (p. Undefined)	LVV-6474			
DM-TS-AUX-ICD-0002	LVV-6480	LVV-T3146	2025-05-20	Not Executed
LSE-140 (p. Undefined)	LVV-6480			
DM-TS-AUX-ICD-0001	LVV-6486	LVV-T3146	2025-05-20	Not Executed
LSE-140 (p. Undefined)	LVV-6486			
DM-TS-AUX-ICD-0007	LVV-6492			
LSE-140 (p. Undefined)	LVV-6492			
DM-TS-AUX-ICD-0008	LVV-6498			
LSE-140 (p. Undefined)	LVV-6498			

Table 7: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-AUX-ICD-0010	LVV-6504			
LSE-140 (p. Undefined)	LVV-6504			
DM-TS-AUX-ICD-0009	LVV-6510			
LSE-140 (p. Undefined)	LVV-6510			
DM-TS-AUX-ICD-0011	LVV-6516			
LSE-140 (p. Undefined)	LVV-6516			
DM-TS-AUX-ICD-0006	LVV-6522			
LSE-140 (p. Undefined)	LVV-6522			
DM-TS-AUX-ICD-0004	LVV-6528			
LSE-140 (p. Undefined)	LVV-6528			
DM-TS-AUX-ICD-0003	LVV-6534			
LSE-140 (p. Undefined)	LVV-6534			
DM-TS-AUX-ICD-0034	LVV-6540			
LSE-140 (p. Undefined)	LVV-6540			
DM-TS-AUX-ICD-0036	LVV-6546			
LSE-140 (p. Undefined)	LVV-6546			
DM-TS-AUX-ICD-0019	LVV-6552			
LSE-140 (p. Undefined)	LVV-6552			
DM-TS-AUX-ICD-0018	LVV-6558			
LSE-140 (p. Undefined)	LVV-6558			
DM-TS-AUX-ICD-0014	LVV-6564			
LSE-140 (p. Undefined)	LVV-6564			
DM-TS-AUX-ICD-0012	LVV-6570			
LSE-140 (p. Undefined)	LVV-6570			
DM-TS-AUX-ICD-0028	LVV-6576			
LSE-140 (p. Undefined)	LVV-6576			
DM-TS-AUX-ICD-0035	LVV-6594			
LSE-140 (p. Undefined)	LVV-6594			
DM-TS-AUX-ICD-0033	LVV-6600			
LSE-140 (p. Undefined)	LVV-6600			

Table 7: DM LSE-140 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DM-TS-AUX-ICD-0032	LVV-6606			
LSE-140 (p. Undefined)	LVV-6606			

3.6 LDM-554 Requirements Coverage

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0007	LVV-9806	LVV-T605		Not Executed
LDM-554 (p. Undefined)	LVV-9806			
DMS-LSP-REQ-0001	LVV-9807	LVV-T598		Not Executed
LDM-554 (p. Undefined)	LVV-9807			
		LVV-T2	2019-05-20	Passed
DMS-LSP-REQ-0004	LVV-9808	LVV-T3	2019-05-20	Passed
LDM-554 (p. Undefined)	LVV-9808			
		LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T602		Not Executed
DMS-LSP-REQ-0005	LVV-9809	LVV-T1437	2019-12-09	Pass w/Deviation
LDM-554 (p. Undefined)	LVV-9809			
		LVV-T603		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
		LVV-T2	2019-05-20	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0003 LDM-554 (p. Undefined)	LVV-9810 LVV-9810	LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T601		Not Executed
DMS-LSP-REQ-0002 LDM-554 (p. Undefined)	LVV-9811 LVV-9811	LVV-T600		Not Executed
		LVV-T5	2019-05-20	Passed
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0006 LDM-554 (p. Undefined)	LVV-9812 LVV-9812	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T604		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0009 LDM-554 (p. Undefined)	LVV-9813 LVV-9813	LVV-T607		Not Executed
DMS-LSP-REQ-0008 LDM-554 (p. Undefined)	LVV-9814 LVV-9814	LVV-T9	2019-05-20	Passed
		LVV-T8		Not Executed
		LVV-T606		Not Executed
DMS-LSP-REQ-0010 LDM-554 (p. Undefined)	LVV-9815 LVV-9815	LVV-T2172	2021-10-01	Passed
		LVV-T1436	2019-12-09	Pass w/Deviation

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0012 LDM-554 (p. Undefined)	LVV-9816 LVV-9816	LVV-T610		Not Executed
DMS-LSP-REQ-0011 LDM-554 (p. Undefined)	LVV-9817 LVV-9817	LVV-T609		Not Executed
DMS-LSP-REQ-0013 LDM-554 (p. Undefined)	LVV-9818 LVV-9818	LVV-T611		Not Executed
DMS-LSP-REQ-0014 LDM-554 (p. Undefined)	LVV-9819 LVV-9819	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T5	2019-05-20	Passed
		LVV-T2172	2021-10-01	Passed
		LVV-T612		Not Executed
		LVV-T7		Not Executed
DMS-LSP-REQ-0018 LDM-554 (p. Undefined)	LVV-9820 LVV-9820	LVV-T2718		Not Executed
		LVV-T7		Not Executed
		LVV-T2677		Not Executed
		LVV-T616	None	Not Executed
DMS-LSP-REQ-0017 LDM-554 (p. Undefined)	LVV-9821 LVV-9821	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T2172	2021-10-01	Passed
		LVV-T615		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0016 LDM-554 (p. Undefined)	LVV-9822 LVV-9822	LVV-T614		Not Executed
DMS-LSP-REQ-0015 LDM-554 (p. Undefined)	LVV-9823 LVV-9823	LVV-T613		Not Executed
DMS-LSP-REQ-0028 LDM-554 (p. Undefined)	LVV-9824 LVV-9824	LVV-T4	2019-05-20	Passed
		LVV-T617		Not Executed
DMS-LSP-REQ-0029 LDM-554 (p. Undefined)	LVV-9825 LVV-9825	LVV-T4	2019-05-20	Passed
		LVV-T618		Not Executed
DMS-LSP-REQ-0030 LDM-554 (p. Undefined)	LVV-9826 LVV-9826	LVV-T619		Not Executed
DMS-LSP-REQ-0031 LDM-554 (p. Undefined)	LVV-9827 LVV-9827	LVV-T620		Not Executed
DMS-LSP-REQ-0019 LDM-554 (p. Undefined)	LVV-9828 LVV-9828	LVV-T621		Not Executed
DMS-LSP-REQ-0025 LDM-554 (p. Undefined)	LVV-9829 LVV-9829	LVV-T627		Not Executed
DMS-LSP-REQ-0020 LDM-554 (p. Undefined)	LVV-9830 LVV-9830	LVV-T622	2019-11-25	Pass w/Deviation
		LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0022 LDM-554 (p. Undefined)	LVV-9831 LVV-9831	LVV-T1437	2019-12-09	Pass w/Deviation

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T624		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0021 LDM-554 (p. Undefined)	LVV-9832 LVV-9832	LVV-T623		Not Executed
DMS-LSP-REQ-0027 LDM-554 (p. Undefined)	LVV-9833 LVV-9833	LVV-T629		Not Executed
DMS-LSP-REQ-0023 LDM-554 (p. Undefined)	LVV-9834 LVV-9834	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T625		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0024 LDM-554 (p. Undefined)	LVV-9835 LVV-9835	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T626		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
DMS-LSP-REQ-0026 LDM-554 (p. Undefined)	LVV-9836 LVV-9836	LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T628		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-LSP-REQ-0033 LDM-554 (p. Undefined)	LVV-9837 LVV-9837	LVV-T631		Not Executed
DMS-LSP-REQ-0034 LDM-554 (p. Undefined)	LVV-9838 LVV-9838	LVV-T632		Not Executed
DMS-LSP-REQ-0032 LDM-554 (p. Undefined)	LVV-9839 LVV-9839	LVV-T630		Not Executed
DMS-LSP-REQ-0035 LDM-554 (p. Undefined)	LVV-9840 LVV-9840	LVV-T633		Not Executed
DMS-PRTL-REQ-0001 LDM-554 (p. Undefined)	LVV-9841 LVV-9841	LVV-T1334	2021-10-07	Passed
		LVV-T849		Not Executed
DMS-PRTL-REQ-0005 LDM-554 (p. Undefined)	LVV-9842 LVV-9842	LVV-T638		Not Executed
DMS-PRTL-REQ-0007 LDM-554 (p. Undefined)	LVV-9843 LVV-9843	LVV-T640		Not Executed
DMS-PRTL-REQ-0008 LDM-554 (p. Undefined)	LVV-9844 LVV-9844	LVV-T641		Not Executed
DMS-PRTL-REQ-0006 LDM-554 (p. Undefined)	LVV-9845 LVV-9845	LVV-T639		Not Executed
DMS-PRTL-REQ-0003 LDM-554 (p. Undefined)	LVV-9846 LVV-9846	LVV-T636		Not Executed
		LVV-T1818	2020-05-11	Pass w/Deviation
DMS-PRTL-REQ-0002 LDM-554 (p. Undefined)	LVV-9847 LVV-9847	LVV-T635		Not Executed
DMS-PRTL-REQ-0004 LDM-554 (p. Undefined)	LVV-9848 LVV-9848	LVV-T637		Not Executed
		LVV-T8		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0010 LDM-554 (p. Undefined)	LVV-9849	LVV-T643		Not Executed
DMS-PRTL-REQ-0013 LDM-554 (p. Undefined)	LVV-9850	LVV-T646		Not Executed
DMS-PRTL-REQ-0012 LDM-554 (p. Undefined)	LVV-9851	LVV-T645		Not Executed
DMS-PRTL-REQ-0014 LDM-554 (p. Undefined)	LVV-9852	LVV-T647		Not Executed
DMS-PRTL-REQ-0011 LDM-554 (p. Undefined)	LVV-9853	LVV-T644		Not Executed
DMS-PRTL-REQ-0009 LDM-554 (p. Undefined)	LVV-9854	LVV-T642		Not Executed
DMS-PRTL-REQ-0017 LDM-554 (p. Undefined)	LVV-9855	LVV-T1334	2021-10-07	Passed
		LVV-T650		Not Executed
DMS-PRTL-REQ-0016 LDM-554 (p. Undefined)	LVV-9856	LVV-T5	2019-05-20	Passed
		LVV-T2172	2021-10-01	Passed
		LVV-T1334	2021-10-07	Passed
		LVV-T649		Not Executed
DMS-PRTL-REQ-0015 LDM-554 (p. Undefined)	LVV-9857	LVV-T2172	2021-10-01	Passed
		LVV-T648		Not Executed
		LVV-T1334	2021-10-07	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0018 LDM-554 (p. Undefined)	LVV-9858 LVV-9858	LVV-T651		Not Executed
DMS-PRTL-REQ-0028 LDM-554 (p. Undefined)	LVV-9859 LVV-9859	LVV-T5	2019-05-20	Passed
		LVV-T652		Not Executed
DMS-PRTL-REQ-0029 LDM-554 (p. Undefined)	LVV-9860 LVV-9860	LVV-T653		Not Executed
DMS-PRTL-REQ-0030 LDM-554 (p. Undefined)	LVV-9861 LVV-9861	LVV-T654		Not Executed
DMS-PRTL-REQ-0022 LDM-554 (p. Undefined)	LVV-9862 LVV-9862	LVV-T2717		Not Executed
		LVV-T5	2019-05-20	Passed
		LVV-T2716	2022-09-20	Passed
DMS-PRTL-REQ-0023 LDM-554 (p. Undefined)	LVV-9863 LVV-9863	LVV-T658		Not Executed
DMS-PRTL-REQ-0024 LDM-554 (p. Undefined)	LVV-9864 LVV-9864	LVV-T659		Not Executed
DMS-PRTL-REQ-0021 LDM-554 (p. Undefined)	LVV-9865 LVV-9865	LVV-T5	2019-05-20	Passed
		LVV-T656		Not Executed
DMS-PRTL-REQ-0020 LDM-554 (p. Undefined)	LVV-9866 LVV-9866	LVV-T655		Not Executed
		LVV-T2717		Not Executed
		LVV-T2716	2022-09-20	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2172	2021-10-01	Passed
		LVV-T1334	2021-10-07	Passed
DMS-PRTL-REQ-0025 LDM-554 (p. Undefined)	LVV-9867	LVV-T660		Not Executed
DMS-PRTL-REQ-0027 LDM-554 (p. Undefined)	LVV-9868	LVV-T5	2019-05-20	Passed
		LVV-T662		Not Executed
DMS-PRTL-REQ-0026 LDM-554 (p. Undefined)	LVV-9869	LVV-T2717		Not Executed
		LVV-T5	2019-05-20	Passed
		LVV-T2716	2022-09-20	Passed
		LVV-T2172	2021-10-01	Passed
		LVV-T1334	2021-10-07	Passed
		LVV-T661		Not Executed
DMS-PRTL-REQ-0019 LDM-554 (p. Undefined)	LVV-9870	LVV-T663		Not Executed
		LVV-T2711		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0034 LDM-554 (p. Undefined)	LVV-9871	LVV-T668		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0033 LDM-554 (p. Undefined)	LVV-9872	LVV-T667		Not Executed
DMS-PRTL-REQ-0032 LDM-554 (p. Undefined)	LVV-9873	LVV-T666	None	Not Executed
DMS-PRTL-REQ-0031 LDM-554 (p. Undefined)	LVV-9874	LVV-T2677		Not Executed
DMS-PRTL-REQ-0039 LDM-554 (p. Undefined)	LVV-9875	LVV-T2721	2024-11-08	Passed
		LVV-T2710		Not Executed
		LVV-T707	None	Not Executed
		LVV-T673	None	Not Executed
		LVV-T2709		Not Executed
DMS-PRTL-REQ-0037 LDM-554 (p. Undefined)	LVV-9876	LVV-T2677		Not Executed
		LVV-T671	None	Not Executed
DMS-PRTL-REQ-0036 LDM-554 (p. Undefined)	LVV-9877	LVV-T670		Not Executed
DMS-PRTL-REQ-0035 LDM-554 (p. Undefined)	LVV-9878	LVV-T669		Not Executed
		LVV-T2712		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0038 LDM-554 (p. Undefined)	LVV-9879	LVV-T2710		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2677		Not Executed
		LVV-T707	None	Not Executed
		LVV-T672	None	Not Executed
		LVV-T2709		Not Executed
DMS-PRTL-REQ-0041 LDM-554 (p. Undefined)	LVV-9880 LVV-9880	LVV-T674	None	Not Executed
		LVV-T7		Not Executed
DMS-PRTL-REQ-0040 LDM-554 (p. Undefined)	LVV-9881 LVV-9881	LVV-T675	None	Not Executed
		LVV-T7		Not Executed
DMS-PRTL-REQ-0044 LDM-554 (p. Undefined)	LVV-9882 LVV-9882	LVV-T679		Not Executed
		LVV-T2721	2024-11-08	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0043 LDM-554 (p. Undefined)	LVV-9883 LVV-9883	LVV-T678		Not Executed
		LVV-T2721	2024-11-08	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0042 LDM-554 (p. Undefined)	LVV-9884 LVV-9884	LVV-T677		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2721	2024-11-08	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0045 LDM-554 (p. Undefined)	LVV-9885	LVV-T680		Not Executed
DMS-PRTL-REQ-0046 LDM-554 (p. Undefined)	LVV-9886	LVV-T1818	2020-05-11	Pass w/Deviation
		LVV-T681		Not Executed
DMS-PRTL-REQ-0048 LDM-554 (p. Undefined)	LVV-9887	LVV-T683		Not Executed
DMS-PRTL-REQ-0047 LDM-554 (p. Undefined)	LVV-9888	LVV-T682		Not Executed
DMS-PRTL-REQ-0050 LDM-554 (p. Undefined)	LVV-9889	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T2172	2021-10-01	Passed
		LVV-T685		Not Executed
DMS-PRTL-REQ-0052 LDM-554 (p. Undefined)	LVV-9890	LVV-T687		Not Executed
DMS-PRTL-REQ-0049 LDM-554 (p. Undefined)	LVV-9891	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T2172	2021-10-01	Passed
		LVV-T1334	2021-10-07	Passed
		LVV-T684		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0051 LDM-554 (p. Undefined)	LVV-9892 LVV-9892	LVV-T686		Not Executed
DMS-PRTL-REQ-0054 LDM-554 (p. Undefined)	LVV-9893 LVV-9893	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T2172	2021-10-01	Passed
		LVV-T689		Not Executed
DMS-PRTL-REQ-0053 LDM-554 (p. Undefined)	LVV-9894 LVV-9894	LVV-T688		Not Executed
		LVV-T6	2019-05-20	Pass w/Deviation
DMS-PRTL-REQ-0056 LDM-554 (p. Undefined)	LVV-9895 LVV-9895	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T691		Not Executed
DMS-PRTL-REQ-0061 LDM-554 (p. Undefined)	LVV-9896 LVV-9896	LVV-T696		Not Executed
DMS-PRTL-REQ-0059 LDM-554 (p. Undefined)	LVV-9897 LVV-9897	LVV-T694		Not Executed
DMS-PRTL-REQ-0058 LDM-554 (p. Undefined)	LVV-9898 LVV-9898	LVV-T693		Not Executed
DMS-PRTL-REQ-0060 LDM-554 (p. Undefined)	LVV-9899 LVV-9899	LVV-T695		Not Executed
DMS-PRTL-REQ-0057 LDM-554 (p. Undefined)	LVV-9900 LVV-9900	LVV-T692		Not Executed
DMS-PRTL-REQ-0055 LDM-554 (p. Undefined)	LVV-9901 LVV-9901	LVV-T6	2019-05-20	Pass w/Deviation
		LVV-T2172	2021-10-01	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T690		Not Executed
DMS-PRTL-REQ-0067 LDM-554 (p. Undefined)	LVV-9902 LVV-9902	LVV-T701		Not Executed
DMS-PRTL-REQ-0066 LDM-554 (p. Undefined)	LVV-9903 LVV-9903	LVV-T700		Not Executed
DMS-PRTL-REQ-0065 LDM-554 (p. Undefined)	LVV-9904 LVV-9904	LVV-T2721	2024-11-08	Passed
DMS-PRTL-REQ-0062 LDM-554 (p. Undefined)	LVV-9905 LVV-9905	LVV-T2712		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0063 LDM-554 (p. Undefined)	LVV-9906 LVV-9906	LVV-T697		Not Executed
DMS-PRTL-REQ-0064 LDM-554 (p. Undefined)	LVV-9907 LVV-9907	LVV-T698	None	Not Executed
DMS-PRTL-REQ-0068 LDM-554 (p. Undefined)	LVV-9908 LVV-9908	LVV-T702		Not Executed
DMS-PRTL-REQ-0069 LDM-554 (p. Undefined)	LVV-9909 LVV-9909	LVV-T2718		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0074 LDM-554 (p. Undefined)	LVV-9910 LVV-9910	LVV-T2718		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0071 LDM-554 (p. Undefined)	LVV-9911 LVV-9911	LVV-T2718		Not Executed
		LVV-T2677		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0072 LDM-554 (p. Undefined)	LVV-9912 LVV-9912	LVV-T706	None	Not Executed
DMS-PRTL-REQ-0073 LDM-554 (p. Undefined)	LVV-9913 LVV-9913	LVV-T707	None	Not Executed
DMS-PRTL-REQ-0070 LDM-554 (p. Undefined)	LVV-9914 LVV-9914	LVV-T2718		Not Executed
		LVV-T2716	2022-09-20	Passed
		LVV-T2677		Not Executed
		LVV-T704	None	Not Executed
DMS-PRTL-REQ-0075 LDM-554 (p. Undefined)	LVV-9915 LVV-9915	LVV-T2721	2024-11-08	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0077 LDM-554 (p. Undefined)	LVV-9916 LVV-9916	LVV-T711		Not Executed
DMS-PRTL-REQ-0076 LDM-554 (p. Undefined)	LVV-9917 LVV-9917	LVV-T710		Not Executed
		LVV-T2172	2021-10-01	Passed
DMS-PRTL-REQ-0078 LDM-554 (p. Undefined)	LVV-9918 LVV-9918	LVV-T2716	2022-09-20	Passed
DMS-PRTL-REQ-0081 LDM-554 (p. Undefined)	LVV-9919 LVV-9919	LVV-T715		Not Executed
DMS-PRTL-REQ-0080 LDM-554 (p. Undefined)	LVV-9920 LVV-9920	LVV-T2716	2022-09-20	Passed
DMS-PRTL-REQ-0082 LDM-554 (p. Undefined)	LVV-9921 LVV-9921	LVV-T716		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0079 LDM-554 (p. Undefined)	LVV-9922 LVV-9922	LVV-T2716	2022-09-20	Passed
DMS-PRTL-REQ-0087 LDM-554 (p. Undefined)	LVV-9923 LVV-9923	LVV-T2718		Not Executed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0083 LDM-554 (p. Undefined)	LVV-9924 LVV-9924	LVV-T2718		Not Executed
		LVV-T2716	2022-09-20	Passed
		LVV-T2677		Not Executed
		LVV-T717		Not Executed
DMS-PRTL-REQ-0086 LDM-554 (p. Undefined)	LVV-9925 LVV-9925	LVV-T2718		Not Executed
		LVV-T2716	2022-09-20	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0085 LDM-554 (p. Undefined)	LVV-9926 LVV-9926	LVV-T2718		Not Executed
		LVV-T2677		Not Executed
		LVV-T719		Not Executed
DMS-PRTL-REQ-0088 LDM-554 (p. Undefined)	LVV-9927 LVV-9927	LVV-T722		Not Executed
DMS-PRTL-REQ-0084 LDM-554 (p. Undefined)	LVV-9928 LVV-9928	LVV-T2716	2022-09-20	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0091 LDM-554 (p. Undefined)	LVV-9929	LVV-T725		Not Executed
DMS-PRTL-REQ-0093 LDM-554 (p. Undefined)	LVV-9930	LVV-T727		Not Executed
DMS-PRTL-REQ-0092 LDM-554 (p. Undefined)	LVV-9931	LVV-T2172	2021-10-01	Passed
		LVV-T726		Not Executed
DMS-PRTL-REQ-0095 LDM-554 (p. Undefined)	LVV-9932	LVV-T2172	2021-10-01	Passed
		LVV-T1334	2021-10-07	Passed
		LVV-T729		Not Executed
		LVV-T1818	2020-05-11	Pass w/Deviation
DMS-PRTL-REQ-0090 LDM-554 (p. Undefined)	LVV-9933	LVV-T2172	2021-10-01	Passed
		LVV-T724		Not Executed
DMS-PRTL-REQ-0089 LDM-554 (p. Undefined)	LVV-9934	LVV-T723		Not Executed
DMS-PRTL-REQ-0094 LDM-554 (p. Undefined)	LVV-9935	LVV-T728		Not Executed
DMS-PRTL-REQ-0096 LDM-554 (p. Undefined)	LVV-9936	LVV-T730		Not Executed
DMS-PRTL-REQ-0097 LDM-554 (p. Undefined)	LVV-9937	LVV-T2718		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0105 LDM-554 (p. Undefined)	LVV-9938 LVV-9938	LVV-T739		Not Executed
DMS-PRTL-REQ-0107 LDM-554 (p. Undefined)	LVV-9939 LVV-9939	LVV-T2172	2021-10-01	Passed
		LVV-T741		Not Executed
DMS-PRTL-REQ-0102 LDM-554 (p. Undefined)	LVV-9940 LVV-9940	LVV-T736		Not Executed
DMS-PRTL-REQ-0106 LDM-554 (p. Undefined)	LVV-9941 LVV-9941	LVV-T2172	2021-10-01	Passed
		LVV-T740		Not Executed
		LVV-T2712		Not Executed
		LVV-T2721	2024-11-08	Passed
		LVV-T2677		Not Executed
DMS-PRTL-REQ-0098 LDM-554 (p. Undefined)	LVV-9942 LVV-9942	LVV-T732	None	Not Executed
		LVV-T2172	2021-10-01	Passed
		LVV-T2171	2021-10-01	Passed
	LVV-20546 LVV-20546			
DMS-PRTL-REQ-0099 LDM-554 (p. Undefined)	LVV-9943 LVV-9943	LVV-T733		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0100 LDM-554 (p. Undefined)	LVV-9944 LVV-9944	LVV-T734	None	Not Executed
DMS-PRTL-REQ-0101 LDM-554 (p. Undefined)	LVV-9945 LVV-9945	LVV-T735	None	Not Executed
DMS-PRTL-REQ-0104 LDM-554 (p. Undefined)	LVV-9946 LVV-9946	LVV-T738		Not Executed
DMS-PRTL-REQ-0108 LDM-554 (p. Undefined)	LVV-9947 LVV-9947	LVV-T742		Not Executed
DMS-PRTL-REQ-0103 LDM-554 (p. Undefined)	LVV-9948 LVV-9948	LVV-T737		Not Executed
DMS-PRTL-REQ-0109 LDM-554 (p. Undefined)	LVV-9949 LVV-9949	LVV-T743		Not Executed
DMS-PRTL-REQ-0113 LDM-554 (p. Undefined)	LVV-9950 LVV-9950	LVV-T747		Not Executed
DMS-PRTL-REQ-0111 LDM-554 (p. Undefined)	LVV-9951 LVV-9951	LVV-T2718		Not Executed
		LVV-T745	None	Not Executed
		LVV-T2677		Not Executed
		LVV-T1818	2020-05-11	Pass w/Deviation
DMS-PRTL-REQ-0114 LDM-554 (p. Undefined)	LVV-9952 LVV-9952	LVV-T748		Not Executed
DMS-PRTL-REQ-0112 LDM-554 (p. Undefined)	LVV-9953 LVV-9953	LVV-T746	None	Not Executed
DMS-PRTL-REQ-0110 LDM-554 (p. Undefined)	LVV-9954 LVV-9954	LVV-T744		Not Executed
		LVV-T1818	2020-05-11	Pass w/Deviation

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-PRTL-REQ-0115 LDM-554 (p. Undefined)	LVV-9955	LVV-T749		Not Executed
DMS-PRTL-REQ-0117 LDM-554 (p. Undefined)	LVV-9956	LVV-T751		Not Executed
DMS-PRTL-REQ-0118 LDM-554 (p. Undefined)	LVV-9957	LVV-T752		Not Executed
DMS-PRTL-REQ-0116 LDM-554 (p. Undefined)	LVV-9958	LVV-T750		Not Executed
DMS-PRTL-REQ-0127 LDM-554 (p. Undefined)	LVV-9959	LVV-T756		Not Executed
DMS-PRTL-REQ-0119 LDM-554 (p. Undefined)	LVV-9960	LVV-T753		Not Executed
DMS-PRTL-REQ-0120 LDM-554 (p. Undefined)	LVV-9961	LVV-T754		Not Executed
DMS-PRTL-REQ-0121 LDM-554 (p. Undefined)	LVV-9962	LVV-T755		Not Executed
DMS-PRTL-REQ-0122 LDM-554 (p. Undefined)	LVV-9963	LVV-T757		Not Executed
DMS-PRTL-REQ-0124 LDM-554 (p. Undefined)	LVV-9964	LVV-T759		Not Executed
DMS-PRTL-REQ-0123 LDM-554 (p. Undefined)	LVV-9965	LVV-T758		Not Executed
DMS-PRTL-REQ-0126 LDM-554 (p. Undefined)	LVV-9966	LVV-T761		Not Executed
DMS-PRTL-REQ-0125 LDM-554 (p. Undefined)	LVV-9967	LVV-T760		Not Executed
DMS-NB-REQ-0010 LDM-554 (p. Undefined)	LVV-9968	LVV-T767		Not Executed
DMS-NB-REQ-0009 LDM-554 (p. Undefined)	LVV-9969	LVV-T2171	2021-10-01	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T766		Not Executed
DMS-NB-REQ-0014 LDM-554 (p. Undefined)	LVV-9970	LVV-T771		Not Executed
DMS-NB-REQ-0005 LDM-554 (p. Undefined)	LVV-9971	LVV-T2171	2021-10-01	Passed
		LVV-T762		Not Executed
		LVV-T1436	2019-12-09	Pass w/Deviation
DMS-NB-REQ-0015 LDM-554 (p. Undefined)	LVV-9972	LVV-T772		Not Executed
DMS-NB-REQ-0013 LDM-554 (p. Undefined)	LVV-9973	LVV-T1436	2019-12-09	Pass w/Deviation
DMS-NB-REQ-0007 LDM-554 (p. Undefined)	LVV-9974	LVV-T2171	2021-10-01	Passed
DMS-NB-REQ-0008 LDM-554 (p. Undefined)	LVV-9975	LVV-T765		Not Executed
DMS-NB-REQ-0006 LDM-554 (p. Undefined)	LVV-9976	LVV-T1436	2019-12-09	Pass w/Deviation
DMS-NB-REQ-0012 LDM-554 (p. Undefined)	LVV-9977	LVV-T769		Not Executed
DMS-NB-REQ-0011 LDM-554 (p. Undefined)	LVV-9978	LVV-T768		Not Executed
DMS-NB-REQ-0023 LDM-554 (p. Undefined)	LVV-9979	LVV-T2339		Not Executed
		LVV-T780		Not Executed
DMS-NB-REQ-0017 LDM-554 (p. Undefined)	LVV-9980	LVV-T774		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2171	2021-10-01	Passed
		LVV-T1436	2019-12-09	Pass w/Deviation
DMS-NB-REQ-0021 LDM-554 (p. Undefined)	LVV-9981 LVV-9981	LVV-T778		Not Executed
DMS-NB-REQ-0022 LDM-554 (p. Undefined)	LVV-9982 LVV-9982	LVV-T779		Not Executed
DMS-NB-REQ-0016 LDM-554 (p. Undefined)	LVV-9983 LVV-9983	LVV-T773		Not Executed
DMS-NB-REQ-0020 LDM-554 (p. Undefined)	LVV-9984 LVV-9984	LVV-T777		Not Executed
DMS-NB-REQ-0018 LDM-554 (p. Undefined)	LVV-9985 LVV-9985	LVV-T775		Not Executed
DMS-NB-REQ-0019 LDM-554 (p. Undefined)	LVV-9986 LVV-9986	LVV-T776		Not Executed
DMS-NB-REQ-0025 LDM-554 (p. Undefined)	LVV-9987 LVV-9987	LVV-T782		Not Executed
DMS-NB-REQ-0024 LDM-554 (p. Undefined)	LVV-9988 LVV-9988	LVV-T781		Not Executed
DMS-NB-REQ-0026 LDM-554 (p. Undefined)	LVV-9989 LVV-9989	LVV-T783		Not Executed
DMS-NB-REQ-0032 LDM-554 (p. Undefined)	LVV-9990 LVV-9990	LVV-T2171	2021-10-01	Passed
DMS-NB-REQ-0033 LDM-554 (p. Undefined)	LVV-9991 LVV-9991	LVV-T785		Not Executed
DMS-NB-REQ-0035 LDM-554 (p. Undefined)	LVV-9992 LVV-9992	LVV-T787		Not Executed
DMS-NB-REQ-0034 LDM-554 (p. Undefined)	LVV-9993 LVV-9993	LVV-T786		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-NB-REQ-0036 LDM-554 (p. Undefined)	LVV-9994 LVV-9994	LVV-T788		Not Executed
DMS-NB-REQ-0030 LDM-554 (p. Undefined)	LVV-9995 LVV-9995	LVV-T2171	2021-10-01	Passed
DMS-NB-REQ-0029 LDM-554 (p. Undefined)	LVV-9996 LVV-9996	LVV-T1436	2019-12-09	Pass w/Deviation
DMS-NB-REQ-0031 LDM-554 (p. Undefined)	LVV-9997 LVV-9997	LVV-T791		Not Executed
DMS-NB-REQ-0002 LDM-554 (p. Undefined)	LVV-9998 LVV-9998	LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T793		Not Executed
DMS-NB-REQ-0003 LDM-554 (p. Undefined)	LVV-9999 LVV-9999	LVV-T794		Not Executed
DMS-NB-REQ-0001 LDM-554 (p. Undefined)	LVV-10000 LVV-10000	LVV-T2171	2021-10-01	Passed
		LVV-T1436	2019-12-09	Pass w/Deviation
		LVV-T792		Not Executed
DMS-NB-REQ-0004 LDM-554 (p. Undefined)	LVV-10001 LVV-10001	LVV-T795		Not Executed
DMS-API-REQ-0023 LDM-554 (p. Undefined)	LVV-10002 LVV-10002	LVV-T798		Not Executed
		LVV-T1437	2019-12-09	Pass w/Deviation
DMS-API-REQ-0022 LDM-554 (p. Undefined)	LVV-10003 LVV-10003	LVV-T797	None	Not Executed
		LVV-T2712		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T2678		Not Executed
		LVV-T2677		Not Executed
DMS-API-REQ-0028 LDM-554 (p. Undefined)	LVV-10004 LVV-10004	LVV-T2678		Not Executed
		LVV-T803	None	Not Executed
DMS-API-REQ-0024 LDM-554 (p. Undefined)	LVV-10005 LVV-10005	LVV-T799		Not Executed
DMS-API-REQ-0026 LDM-554 (p. Undefined)	LVV-10006 LVV-10006	LVV-T801		Not Executed
DMS-API-REQ-0027 LDM-554 (p. Undefined)	LVV-10007 LVV-10007	LVV-T802		Not Executed
DMS-API-REQ-0030 LDM-554 (p. Undefined)	LVV-10008 LVV-10008	LVV-T2678		Not Executed
		LVV-T805		Not Executed
DMS-API-REQ-0025 LDM-554 (p. Undefined)	LVV-10009 LVV-10009	LVV-T800		Not Executed
DMS-API-REQ-0029 LDM-554 (p. Undefined)	LVV-10010 LVV-10010	LVV-T804		Not Executed
DMS-API-REQ-0021 LDM-554 (p. Undefined)	LVV-10011 LVV-10011	LVV-T796		Not Executed
DMS-API-REQ-0009 LDM-554 (p. Undefined)	LVV-10012 LVV-10012	LVV-T1437	2019-12-09	Pass w/Deviation
DMS-API-REQ-0008 LDM-554 (p. Undefined)	LVV-10013 LVV-10013	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T808		Not Executed
DMS-API-REQ-0007 LDM-554 (p. Undefined)	LVV-10014 LVV-10014	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T1334	2021-10-07	Passed
		LVV-T807	2019-11-25	Passed
DMS-API-REQ-0006 LDM-554 (p. Undefined)	LVV-10015 LVV-10015	LVV-T1437	2019-12-09	Pass w/Deviation
DMS-API-REQ-0016 LDM-554 (p. Undefined)	LVV-10016 LVV-10016	LVV-T2678		Not Executed
		LVV-T810		Not Executed
DMS-API-REQ-0018 LDM-554 (p. Undefined)	LVV-10017 LVV-10017	LVV-T812	None	Not Executed
		LVV-T2678		Not Executed
DMS-API-REQ-0017 LDM-554 (p. Undefined)	LVV-10018 LVV-10018	LVV-T811	None	Not Executed
		LVV-T2678		Not Executed
DMS-API-REQ-0039 LDM-554 (p. Undefined)	LVV-10019 LVV-10019	LVV-T1437	2019-12-09	Pass w/Deviation
DMS-API-REQ-0038 LDM-554 (p. Undefined)	LVV-10020 LVV-10020	LVV-T813		Not Executed
DMS-API-REQ-0040 LDM-554 (p. Undefined)	LVV-10021 LVV-10021	LVV-T815		Not Executed
DMS-API-REQ-0034 LDM-554 (p. Undefined)	LVV-10022 LVV-10022	LVV-T2678		Not Executed

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
		LVV-T816		Not Executed
DMS-API-REQ-0019 LDM-554 (p. Undefined)	LVV-10023 LVV-10023	LVV-T817		Not Executed
DMS-API-REQ-0020 LDM-554 (p. Undefined)	LVV-10024 LVV-10024	LVV-T818		Not Executed
DMS-API-REQ-0014 LDM-554 (p. Undefined)	LVV-10025 LVV-10025	LVV-T823		Not Executed
DMS-API-REQ-0013 LDM-554 (p. Undefined)	LVV-10026 LVV-10026	LVV-T822		Not Executed
DMS-API-REQ-0015 LDM-554 (p. Undefined)	LVV-10027 LVV-10027	LVV-T824		Not Executed
DMS-API-REQ-0012 LDM-554 (p. Undefined)	LVV-10028 LVV-10028	LVV-T821		Not Executed
DMS-API-REQ-0010 LDM-554 (p. Undefined)	LVV-10029 LVV-10029	LVV-T819		Not Executed
DMS-API-REQ-0011 LDM-554 (p. Undefined)	LVV-10030 LVV-10030	LVV-T820		Not Executed
DMS-API-REQ-0033 LDM-554 (p. Undefined)	LVV-10031 LVV-10031	LVV-T827		Not Executed
DMS-API-REQ-0031 LDM-554 (p. Undefined)	LVV-10032 LVV-10032	LVV-T825		Not Executed
DMS-API-REQ-0032 LDM-554 (p. Undefined)	LVV-10033 LVV-10033	LVV-T826		Not Executed
DMS-API-REQ-0003 LDM-554 (p. Undefined)	LVV-10034 LVV-10034	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T829		Not Executed
DMS-API-REQ-0004 LDM-554 (p. Undefined)	LVV-10035 LVV-10035	LVV-T1437	2019-12-09	Pass w/Deviation

Table 8: DM LDM-554 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-API-REQ-0005 LDM-554 (p. Undefined)	LVV-10036 LVV-10036	LVV-T831		Not Executed
DMS-API-REQ-0001 LDM-554 (p. Undefined)	LVV-10037 LVV-10037	LVV-T1437	2019-12-09	Pass w/Deviation
		LVV-T828		Not Executed
DMS-API-REQ-0035 LDM-554 (p. Undefined)	LVV-10038 LVV-10038	LVV-T832		Not Executed
DMS-API-REQ-0037 LDM-554 (p. Undefined)	LVV-10039 LVV-10039	LVV-T835		Not Executed
DMS-API-REQ-0002 LDM-554 (p. Undefined)	LVV-10040 LVV-10040	LVV-T833		Not Executed
DMS-API-REQ-0036 LDM-554 (p. Undefined)	LVV-10041 LVV-10041	LVV-T834		Not Executed

3.7 LSE-400 Requirements Coverage

Table 9: DM LSE-400 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-EFD-HS-0001 LSE-400 (p. Undefined)	LVV-18271 LVV-18271			
OCS-EFD-HS-0002 LSE-400 (p. Undefined)	LVV-18272 LVV-18272			
OCS-EFD-HS-0003 LSE-400 (p. Undefined)	LVV-18273 LVV-18273			
OCS-EFD-HS-0004 LSE-400 (p. Undefined)	LVV-18274 LVV-18274			

Table 9: DM LSE-400 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
OCS-EFD-HS-0005	LVV-18275			
LSE-400 (p. Undefined)	LVV-18275			
OCS-EFD-HS-0006	LVV-18276			
LSE-400 (p. Undefined)	LVV-18276			
OCS-EFD-HS-0007	LVV-18277			
LSE-400 (p. Undefined)	LVV-18277			
OCS-EFD-HS-0008	LVV-18278			
LSE-400 (p. Undefined)	LVV-18278			
OCS-EFD-HS-0009	LVV-18279			
LSE-400 (p. Undefined)	LVV-18279			
OCS-EFD-HS-0010	LVV-18280			
LSE-400 (p. Undefined)	LVV-18280			
OCS-EFD-HS-0011	LVV-18281			
LSE-400 (p. Undefined)	LVV-18281			
OCS-EFD-HS-0012	LVV-18282			
LSE-400 (p. Undefined)	LVV-18282			
OCS-EFD-HS-0013	LVV-18283			
LSE-400 (p. Undefined)	LVV-18283			
OCS-EFD-HS-0014	LVV-18284			
LSE-400 (p. Undefined)	LVV-18284			
OCS-EFD-HS-0015	LVV-18285			
LSE-400 (p. Undefined)	LVV-18285			

3.8 LDM-556 Requirements Coverage

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0014 LDM-556 (p. Undefined)	LVV-19739 LVV-19739	LVV-T2459		Not Executed
DMS-MWBT-REQ-0053 LDM-556 (p. Undefined)	LVV-19740 LVV-19740	LVV-T2482	2022-05-19	Passed
DMS-MWBT-REQ-0067 LDM-556 (p. Undefined)	LVV-19741 LVV-19741	LVV-T2499	2022-05-05	Passed
DMS-MWST-REQ-0013 LDM-556 (p. Undefined)	LVV-19742 LVV-19742	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0005 LDM-556 (p. Undefined)	LVV-19743 LVV-19743	LVV-T2443	2022-05-18	Passed
DMS-MWBT-REQ-0023 LDM-556 (p. Undefined)	LVV-19744 LVV-19744			
DMS-MWBT-REQ-0051 LDM-556 (p. Undefined)	LVV-19745 LVV-19745			
DMS-MWBT-REQ-0073 LDM-556 (p. Undefined)	LVV-19746 LVV-19746	LVV-T2492	2022-05-03	Passed
DMS-MWBT-REQ-0074 LDM-556 (p. Undefined)	LVV-19747 LVV-19747	LVV-T2493	2022-05-02	Passed
DMS-MWBT-REQ-0020 LDM-556 (p. Undefined)	LVV-19748 LVV-19748	LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0025 LDM-556 (p. Undefined)	LVV-19749 LVV-19749	LVV-T2476	2022-05-18	Passed
DMS-MWST-REQ-0014 LDM-556 (p. Undefined)	LVV-19750 LVV-19750	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0011 LDM-556 (p. Undefined)	LVV-19751 LVV-19751			

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0057 LDM-556 (p. Undefined)	LVV-19752 LVV-19752			
DMS-MWBT-REQ-0054 LDM-556 (p. Undefined)	LVV-19753 LVV-19753	LVV-T2483	2022-05-09	Passed
DMS-MWBT-REQ-0078 LDM-556 (p. Undefined)	LVV-19754 LVV-19754	LVV-T2496		Not Executed
DMS-MWBT-REQ-0079 LDM-556 (p. Undefined)	LVV-19755 LVV-19755			
DMS-MWBT-REQ-0034 LDM-556 (p. Undefined)	LVV-19756 LVV-19756	LVV-T2480	2022-04-26	Passed
DMS-MWBT-REQ-0060 LDM-556 (p. Undefined)	LVV-19757 LVV-19757	LVV-T2449	2022-04-19	Passed
DMS-MWBT-REQ-0050 LDM-556 (p. Undefined)	LVV-19758 LVV-19758	LVV-T2490		Not Executed
DMS-MWBT-REQ-0075 LDM-556 (p. Undefined)	LVV-19759 LVV-19759	LVV-T2453	2022-04-19	Passed
DMS-MWBT-REQ-0082 LDM-556 (p. Undefined)	LVV-19760 LVV-19760	LVV-T2469	2022-04-21	Passed
DMS-MWBT-REQ-0035 LDM-556 (p. Undefined)	LVV-19761 LVV-19761			
DMS-MWST-REQ-0001 LDM-556 (p. Undefined)	LVV-19762 LVV-19762	LVV-T2466	2022-05-14	Passed
DMS-MWST-REQ-0023 LDM-556 (p. Undefined)	LVV-19763 LVV-19763	LVV-T2457	2022-05-14	Passed
DMS-MWBT-REQ-0066 LDM-556 (p. Undefined)	LVV-19764 LVV-19764	LVV-T2452	2022-04-18	Passed
DMS-MWBT-REQ-0089 LDM-556 (p. Undefined)	LVV-19765 LVV-19765			
DMS-MWBT-REQ-0055 LDM-556 (p. Undefined)	LVV-19766 LVV-19766	LVV-T2484		Not Executed

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0047	LVV-19767	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19767	LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0028	LVV-19768			
LDM-556 (p. Undefined)	LVV-19768			
DMS-MWBT-REQ-0017	LVV-19769	LVV-T2461	2022-05-17	Passed
LDM-556 (p. Undefined)	LVV-19769			
DMS-MWST-REQ-0003	LVV-19770	LVV-T2455	2022-05-05	Passed
LDM-556 (p. Undefined)	LVV-19770			
DMS-MWBT-REQ-0096	LVV-19771			
LDM-556 (p. Undefined)	LVV-19771			
DMS-MWBT-REQ-0058	LVV-19772	LVV-T2485	2022-05-09	Passed
LDM-556 (p. Undefined)	LVV-19772			
DMS-MWBT-REQ-0031	LVV-19773	LVV-T2478	2022-05-06	Passed
LDM-556 (p. Undefined)	LVV-19773			
DMS-MWST-REQ-0005	LVV-19774	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19774	LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0041	LVV-19775			
LDM-556 (p. Undefined)	LVV-19775			
DMS-MWBT-REQ-0044	LVV-19776			
LDM-556 (p. Undefined)	LVV-19776			
DMS-MWST-REQ-0018	LVV-19777	LVV-T2463	2022-05-14	Passed
LDM-556 (p. Undefined)	LVV-19777			
DMS-MWBT-REQ-0007	LVV-19778	LVV-T2445		Not Executed
LDM-556 (p. Undefined)	LVV-19778			
DMS-MWBT-REQ-0059	LVV-19779	LVV-T2491	2022-05-03	Passed
LDM-556 (p. Undefined)	LVV-19779			

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0009 LDM-556 (p. Undefined)	LVV-19780 LVV-19780	LVV-T1985	2022-05-13	Passed
DMS-MWBT-REQ-0062 LDM-556 (p. Undefined)	LVV-19781 LVV-19781	LVV-T2498	2022-04-20	Passed
DMS-MWBT-REQ-0048 LDM-556 (p. Undefined)	LVV-19782 LVV-19782	LVV-T2481	2022-05-03	Passed
DMS-MWST-REQ-0030 LDM-556 (p. Undefined)	LVV-19783 LVV-19783			
DMS-MWBT-REQ-0081 LDM-556 (p. Undefined)	LVV-19784 LVV-19784	LVV-T2468	2022-04-21	Passed
DMS-MWBT-REQ-0046 LDM-556 (p. Undefined)	LVV-19785 LVV-19785	LVV-T1985	2022-05-13	Passed
		LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWST-REQ-0009 LDM-556 (p. Undefined)	LVV-19786 LVV-19786			
DMS-MWBT-REQ-0064 LDM-556 (p. Undefined)	LVV-19787 LVV-19787	LVV-T2451	2022-05-04	Passed
DMS-MWBT-REQ-0013 LDM-556 (p. Undefined)	LVV-19788 LVV-19788	LVV-T2447	2022-05-17	Passed
DMS-MWST-REQ-0029 LDM-556 (p. Undefined)	LVV-19789 LVV-19789			
DMS-MWBT-REQ-0090 LDM-556 (p. Undefined)	LVV-19790 LVV-19790			
DMS-MWST-REQ-0022 LDM-556 (p. Undefined)	LVV-19791 LVV-19791	LVV-T2458	2022-05-04	Passed
DMS-MWST-REQ-0002 LDM-556 (p. Undefined)	LVV-19792 LVV-19792	LVV-T2465	2022-05-14	Passed

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWST-REQ-0031	LVV-19793			
LDM-556 (p. Undefined)	LVV-19793			
DMS-MWST-REQ-0021	LVV-19794	LVV-T2460	2022-04-18	Passed
LDM-556 (p. Undefined)	LVV-19794			
DMS-MWST-REQ-0004	LVV-19795	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19795			
		LVV-T1982	2022-02-15	Passed
DMS-MWST-REQ-0011	LVV-19796	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19796			
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0004	LVV-19797	LVV-T2442	2022-05-18	Passed
LDM-556 (p. Undefined)	LVV-19797			
DMS-MWBT-REQ-0012	LVV-19798	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19798			
DMS-MWBT-REQ-0068	LVV-19799	LVV-T2501	2022-05-16	Passed
LDM-556 (p. Undefined)	LVV-19799			
DMS-MWST-REQ-0027	LVV-19800			
LDM-556 (p. Undefined)	LVV-19800			
DMS-MWBT-REQ-0026	LVV-19801			
LDM-556 (p. Undefined)	LVV-19801			
DMS-MWBT-REQ-0030	LVV-19802	LVV-T2477	2022-05-06	Passed
LDM-556 (p. Undefined)	LVV-19802			
DMS-MWBT-REQ-0038	LVV-19803			
LDM-556 (p. Undefined)	LVV-19803			
DMS-MWBT-REQ-0019	LVV-19804			
LDM-556 (p. Undefined)	LVV-19804			
DMS-MWST-REQ-0025	LVV-19805	LVV-T2456	2022-05-04	Passed
LDM-556 (p. Undefined)	LVV-19805			

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0080 LDM-556 (p. Undefined)	LVV-19806 LVV-19806	LVV-T2467	2022-04-21	Passed
DMS-MWBT-REQ-0063 LDM-556 (p. Undefined)	LVV-19807 LVV-19807	LVV-T2450	2022-05-05	Passed
DMS-MWST-REQ-0026 LDM-556 (p. Undefined)	LVV-19808 LVV-19808			
DMS-MWST-REQ-0012 LDM-556 (p. Undefined)	LVV-19809 LVV-19809	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0088 LDM-556 (p. Undefined)	LVV-19810 LVV-19810	LVV-T2471	2022-04-21	Passed
DMS-MWBT-REQ-0072 LDM-556 (p. Undefined)	LVV-19811 LVV-19811			
DMS-MWBT-REQ-0052 LDM-556 (p. Undefined)	LVV-19812 LVV-19812			
DMS-MWBT-REQ-0008 LDM-556 (p. Undefined)	LVV-19813 LVV-19813	LVV-T1985	2022-05-13	Passed
DMS-MWBT-REQ-0024 LDM-556 (p. Undefined)	LVV-19814 LVV-19814	LVV-T2446	2022-04-26	Passed
DMS-MWBT-REQ-0061 LDM-556 (p. Undefined)	LVV-19815 LVV-19815	LVV-T2497	2022-04-20	Passed
DMS-MWBT-REQ-0029 LDM-556 (p. Undefined)	LVV-19816 LVV-19816			
DMS-MWBT-REQ-0002 LDM-556 (p. Undefined)	LVV-19817 LVV-19817	LVV-T2440	2022-05-03	Passed
DMS-MWBT-REQ-0094 LDM-556 (p. Undefined)	LVV-19818 LVV-19818			
DMS-MWBT-REQ-0006 LDM-556 (p. Undefined)	LVV-19819 LVV-19819	LVV-T2444	2022-05-04	Passed

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0040 LDM-556 (p. Undefined)	LVV-19820 LVV-19820			
DMS-MWBT-REQ-0071 LDM-556 (p. Undefined)	LVV-19821 LVV-19821	LVV-T2503	2022-05-02	Passed
DMS-MWBT-REQ-0036 LDM-556 (p. Undefined)	LVV-19822 LVV-19822	LVV-T2486	2022-05-05	Passed
DMS-MWBT-REQ-0037 LDM-556 (p. Undefined)	LVV-19823 LVV-19823	LVV-T2487	2022-05-05	Passed
DMS-MWBT-REQ-0039 LDM-556 (p. Undefined)	LVV-19824 LVV-19824	LVV-T2488	2022-05-03	Passed
DMS-MWBT-REQ-0095 LDM-556 (p. Undefined)	LVV-19825 LVV-19825			
DMS-MWBT-REQ-0033 LDM-556 (p. Undefined)	LVV-19826 LVV-19826	LVV-T2479	2022-04-26	Passed
DMS-MWBT-REQ-0022 LDM-556 (p. Undefined)	LVV-19827 LVV-19827	LVV-T1985	2022-05-13	Passed
DMS-MWBT-REQ-0076 LDM-556 (p. Undefined)	LVV-19828 LVV-19828	LVV-T2494	2022-05-02	Passed
DMS-MWBT-REQ-0045 LDM-556 (p. Undefined)	LVV-19829 LVV-19829			
DMS-MWBT-REQ-0077 LDM-556 (p. Undefined)	LVV-19830 LVV-19830	LVV-T2495	2022-04-26	Passed
DMS-MWBT-REQ-0065 LDM-556 (p. Undefined)	LVV-19831 LVV-19831			
DMS-MWBT-REQ-0043 LDM-556 (p. Undefined)	LVV-19832 LVV-19832			
DMS-MWBT-REQ-0092 LDM-556 (p. Undefined)	LVV-19833 LVV-19833	LVV-T2472	2022-05-10	Passed
DMS-MWBT-REQ-0042 LDM-556 (p. Undefined)	LVV-19834 LVV-19834			

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0021 LDM-556 (p. Undefined)	LVV-19835 LVV-19835	LVV-T2464	2022-04-20	Passed
DMS-MWBT-REQ-0032 LDM-556 (p. Undefined)	LVV-19836 LVV-19836			
DMS-MWBT-REQ-0027 LDM-556 (p. Undefined)	LVV-19837 LVV-19837			
DMS-MWBT-REQ-0091 LDM-556 (p. Undefined)	LVV-19838 LVV-19838			
DMS-MWBT-REQ-0093 LDM-556 (p. Undefined)	LVV-19839 LVV-19839			
DMS-MWBT-REQ-0010 LDM-556 (p. Undefined)	LVV-19840 LVV-19840			
DMS-MWBT-REQ-0069 LDM-556 (p. Undefined)	LVV-19841 LVV-19841	LVV-T2500		Not Executed
DMS-MWBT-REQ-0015 LDM-556 (p. Undefined)	LVV-19842 LVV-19842	LVV-T2448	None	Not Executed
DMS-MWST-REQ-0028 LDM-556 (p. Undefined)	LVV-19843 LVV-19843			
DMS-MWST-REQ-0019 LDM-556 (p. Undefined)	LVV-19844 LVV-19844			
DMS-MWST-REQ-0020 LDM-556 (p. Undefined)	LVV-19845 LVV-19845	LVV-T2462	2022-04-19	Passed
DMS-MWST-REQ-0024 LDM-556 (p. Undefined)	LVV-19846 LVV-19846			
DMS-MWBT-REQ-0084 LDM-556 (p. Undefined)	LVV-19847 LVV-19847	LVV-T2474	2022-05-05	Passed
DMS-MWBT-REQ-0083 LDM-556 (p. Undefined)	LVV-19848 LVV-19848	LVV-T2473	2022-05-05	Passed
DMS-MWBT-REQ-0003 LDM-556 (p. Undefined)	LVV-19849 LVV-19849	LVV-T2441	2022-05-09	Passed

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWST-REQ-0006 LDM-556 (p. Undefined)	LVV-19850	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0085 LDM-556 (p. Undefined)	LVV-19851	LVV-T2475	2022-05-05	Passed
DMS-MWBT-REQ-0001 LDM-556 (p. Undefined)	LVV-19852	LVV-T2439	2022-05-03	Passed
DMS-MWST-REQ-0015 LDM-556 (p. Undefined)	LVV-19853			
DMS-MWBT-REQ-0016 LDM-556 (p. Undefined)	LVV-19854			
DMS-MWBT-REQ-0086 LDM-556 (p. Undefined)	LVV-19855			
DMS-MWBT-REQ-0070 LDM-556 (p. Undefined)	LVV-19856	LVV-T2502	2022-05-05	Passed
DMS-MWST-REQ-0016 LDM-556 (p. Undefined)	LVV-19857	LVV-T2454	2022-05-10	Passed
DMS-MWBT-REQ-0049 LDM-556 (p. Undefined)	LVV-19858	LVV-T2489	None	Not Executed
DMS-MWST-REQ-0007 LDM-556 (p. Undefined)	LVV-19859	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0087 LDM-556 (p. Undefined)	LVV-19860	LVV-T2470	2022-04-21	Passed
DMS-MWST-REQ-0010 LDM-556 (p. Undefined)	LVV-19861	LVV-T1983	2022-04-11	Passed
		LVV-T1982	2022-02-15	Passed

Table 10: DM LDM-556 Requirements.

Requirement	Verification Element	Test Case	Last Run	Test Status
DMS-MWBT-REQ-0056	LVV-19862			
LDM-556 (p. Undefined)	LVV-19862			
DMS-MWST-REQ-0008	LVV-19863	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19863	LVV-T1982	2022-02-15	Passed
DMS-MWST-REQ-0017	LVV-19864	LVV-T1983	2022-04-11	Passed
LDM-556 (p. Undefined)	LVV-19864	LVV-T1982	2022-02-15	Passed
DMS-MWBT-REQ-0018	LVV-19865			
LDM-556 (p. Undefined)	LVV-19865			

A References

- [1] **[LDM-555]**, Becla, J., 2017, *Data Management Database Requirements*, Data Management Controlled Document LDM-555, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-555.lsst.io/>
- [2] **[LSE-75]**, Dubois-Felsmann, G., 2011, *Control System Interfaces between the Telescope and Data Management*, Systems Engineering Controlled Document LSE-75, NSF-DOE Vera C. Rubin Observatory, URL <https://ls.st/LSE-75>
- [3] **[LSE-69]**, Dubois-Felsmann, G., 2014, *Interface between the Camera and Data Management*, Systems Engineering Controlled Document LSE-69, NSF-DOE Vera C. Rubin Observatory, URL <https://ls.st/LSE-69>
- [4] **[LSE-140]**, Dubois-Felsmann, G., 2016, *Auxiliary Instrumentation Interface between Data Management and Telescope*, Systems Engineering Controlled Document LSE-140, NSF-DOE Vera C. Rubin Observatory, URL <https://ls.st/LSE-140>
- [5] **[LSE-61]**, Dubois-Felsmann, G., Jenness, T., 2019, *Data Management System (DMS) Requirements*, Systems Engineering Controlled Document LSE-61, NSF-DOE Vera C. Rubin Observatory, URL <https://lse-61.lsst.io/>, doi:10.71929/rubin/2587200
- [6] **[LSE-72]**, Dubois-Felsmann, G., Schumacher, G., Selvy, B., 2014, *OCS Command Dictionary for Data Management*, Systems Engineering Controlled Document LSE-72, NSF-DOE Vera C. Rubin Observatory, URL <https://ls.st/LSE-72>
- [7] **[LDM-556]**, Dubois-Felsmann, G., Jenness, T., Bosch, J., et al., 2018, *Data Management Middleware Requirements*, Data Management Controlled Document LDM-556, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-556.lsst.io/>
- [8] **[LDM-554]**, Dubois-Felsmann, G., Ciardi, D., Mueller, F., Economou, F., 2019, *Data Management LSST Science Platform Requirements*, Data Management Controlled Document LDM-554, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-554.lsst.io/>
- [9] **[LDM-639]**, Guy, L., Wood-Vasey, W., Bellm, E., et al., 2022, *LSST Data Management Acceptance Test Specification*, Data Management Controlled Document LDM-639, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-639.lsst.io/>

- [10] **[LDM-636]**, Kowalik, M., Gower, M., Kooper, R., 2019, *Batch Production Service Requirements*, Data Management Controlled Document LDM-636, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-636.lsst.io/>
- [11] **[LSE-400]**, Lim, K.T., 2019, *Header Service Interface*, Systems Engineering Controlled Document LSE-400, NSF-DOE Vera C. Rubin Observatory, URL <https://lse-400.lsst.io>
- [12] **[LDM-503]**, O'Mullane, W., Swinbank, J., Juric, M., et al., 2023, *Data Management Test Plan*, Data Management Controlled Document LDM-503, NSF-DOE Vera C. Rubin Observatory, URL <https://ldm-503.lsst.io/>
- [13] **[DMTR-111]**, Swinbank, J.D., 2019, *LDM-503-09a (Science Pipelines Fall 2018 Release) Test Plan and Report*, Data Management Test Report DMTR-111, NSF-DOE Vera C. Rubin Observatory, URL <https://dmtr-111.lsst.io/>

B Acronyms

Acronym	Description
CA-DM-CON-ICD	Requirements for Interface between the Camera and Data Management (LSE-69)
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
LDM	LSST Data Management (Document Handle)

LSE	LSST Systems Engineering (Document Handle)
LSST	Legacy Survey of Space and Time (formerly Large Synoptic Survey Telescope)
LVV	LSST Verification and Validation (Jira project)
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
VCD	Verification Control Document