

Amendment Record

Systems Engineering and Assurance

Document No.	Title (English)	Rev. No.	Revision Date	Status	Amendment Date	Amendment Record
MX-SEA-PD-131	Acceptance Report PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-131	Acceptance Report Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-130	Commissioning Plan PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-130	Commissioning Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-145	Commissioning Procedure PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-PD-126	Failure Reporting Analysis and Corrective Action System PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
RAMS-2	FMECA (Failure Modes, Effects and Criticality Analysis)	N/A	2022-Mar-15	Superseded	2022-Mar-15	Renamed RAMS to Systems Engineering Assurance Replaced RAMS 1 - RAMS 5 with MX-SEA-STD-001, MX-SEA- STD-002, MX-SEA-STD-003, MX-SEA-STD-004, MX-SEA-STD-005 Added MX-SEA-STD-006
RAMS-1	FRACAS (Failure Reporting, Analysis and Corrective Action System) Process	N/A	2022-Mar-15	Superseded	2022-Mar-15	Renamed RAMS to Systems Engineering Assurance Replaced RAMS 1 - RAMS 5 with MX-SEA-STD-001, MX-SEA- STD-002, MX-SEA-STD-003, MX-SEA-STD-004, MX-SEA-STD-005 Added MX-SEA-STD-006
MX-SEA-PD-132	Integration Plan PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-132	Integration Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-133	Integration Report PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-133	Integration Report Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-128	Maintenance Plan PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-128	Maintenance Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-143	Maintenance Procedure PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TOR-001	Metrolinx System Review Panel (SRP) Terms of Reference (ToR)	00	2023-May-01	Superseded	2023-Jun-02	Added: MX-SEA-TOR-001 Metrolinx System Review Panel (SRP) Terms of Reference (ToR)
MX-SEA-PD-127	Operations Plan PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-127	Operations Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-142	Operations Procedure PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-PD-104	Preliminary Railway Level System	00	2023-Apr-01	Superseded	2023-Apr-01	New standard document uploaded.
MX-SEA-PD-104	Preliminary Railway Level System Definition PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-104	Preliminary Railway System Definition Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-105	Preliminary System Definition PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-105	Preliminary System Definition Template	00	2023-Apr-01 2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
BS EN 50126-1	Railway Applications: The Specification & Demonstration of RAMS	00	2017-Oct-01	Current	2017-Oct-01	
MX-SEA-PD-117	RAM Analysis Process PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded. New standard document uploaded.
MX-SEA-PD-120	RAM Analysis Report PD	00	2023-Apr-01 2023-May-01	Current	2023-Jun-16	
		00				New standard document uploaded.
MX-SEA-TPL-120	RAM Analysis Report Template		2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-119	RAM Plan PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-STD-003 RAMS-3	RAM Plan Process RAM Plan Process	01 N/A	2022-Mar-01 2022-Mar-15	Current Superseded	2022-Mar-15 2022-Mar-15	Revised standard document uploaded. Renamed RAMS to Systems Engineering Assurance Replaced RAMS 1 - RAMS 5 with MX-SEA-STD-001, MX-SEA- STD-002, MX-SEA-STD-003, MX-SEA-STD-004, MX-SEA-STD-005 Added MX-SEA-STD-006
RAMS-3	RAM Plan Process	00	2020-Jul-28	Superseded	2020-Jul-28	Launch RAMS-3 RAM (Reliability, Availability, Maintainability) Plan Process
MX-SEA-TPL-119	RAM Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-121	RAM Requirements Specification PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-121	RAM Requirements Specification Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-138	RAM Requirements Validation Report PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-138	RAM Requirements Validation Report Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-122	RAM Subsystem Requirements PD	00	2022-Dec-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-122	RAM Subsystem Requirements Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-124	RAM Test Specification PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-124	RAM Test Specification Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
RAMS-5	RAM V&V	00	2020-Jul-28	Superseded	2020-Jul-28	Launch RAMS-5 RAM V&V (Verification and Validation) Process
MX-SEA-PD-123	RAM Validation Plan PD	00	2023-Apr-01	Current	2020-Jun-16	New standard document uploaded.
MX-SEA-TPL-123	RAM Validation Plan Template	00	2023-Apr-01 2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-125	RAM Validation Report PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-125	RAM Validation Report Template	00	2023-May-01 2024-Mar-11	Current	2023-Juli-16 2024-Mar-11	This is the first revision of this template
		01	2024-Mar-11 2022-Mar-01		2024-Mar-11 2022-Mar-15	
MX-SEA-STD-005	RAM VV Process	UI	ZUZZ-IVIAT-U I	Current	ZUZZ-IVIAT- I 5	Revised standard document uploaded.

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Document No.	Title (English)	Rev. No.	Revision Date	Status	Amendment Date	Amendment Record
RAMS-5	RAM VV Process	N/A	2022-Mar-15	Superseded	2022-Mar-15	Renamed RAMS to Systems Engineering Assurance Replaced RAMS 1 - RAMS 5 with MX-SEA-STD-001, MX-SEA- STD-002, MX-SEA-STD-003, MX-SEA-STD-004, MX-SEA-STD-005 Added MX-SEA-STD-006
MX-SEA-STD-100	RAMS Process Standard	00	2023-Jun-19	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-STD-006	RAMS Risk Assessment Process	00	2022-Mar-24	Current	2022-Mar-25	Update version of MX-SEA-STD-006 RAMS Risk Assessment Process
RAMS-4	RCA Root Cause Analysis Process	N/A	2022-Mar-15	Superseded	2022-Mar-15	Renamed RAMS to Systems Engineering Assurance Replaced RAMS 1 - RAMS 5 with MX-SEA-STD-001, MX-SEA- STD-002, MX-SEA-STD-003, MX-SEA-STD-004, MX-SEA-STD-005 Added MX-SEA-STD-006
MX-SEA-PD-111	Risk Assessment Report PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-111	Risk Assessment Report Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-112	Safety Requirements Specification PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-112	Safety Requirements Specification Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-140	Safety Subsystem Requirements PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-140	Safety subsystem requirements Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-106	System Definition PD	00	2023-Apr-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-106	System Definition Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-129	Training Plan PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TPL-129	Training Plan Template	00	2024-Mar-11	Current	2024-Mar-11	This is the first revision of this template
MX-SEA-PD-144	Training Procedure PD	00	2023-May-01	Current	2023-Jun-16	New standard document uploaded.
MX-SEA-TOR-001	Metrolinx System Review Panel (SRP) Terms of Reference (ToR)	01	15-Apr-25	Current	2025-Apr-15	Updated to reflect lessons learned and current practice.

2025-04-15