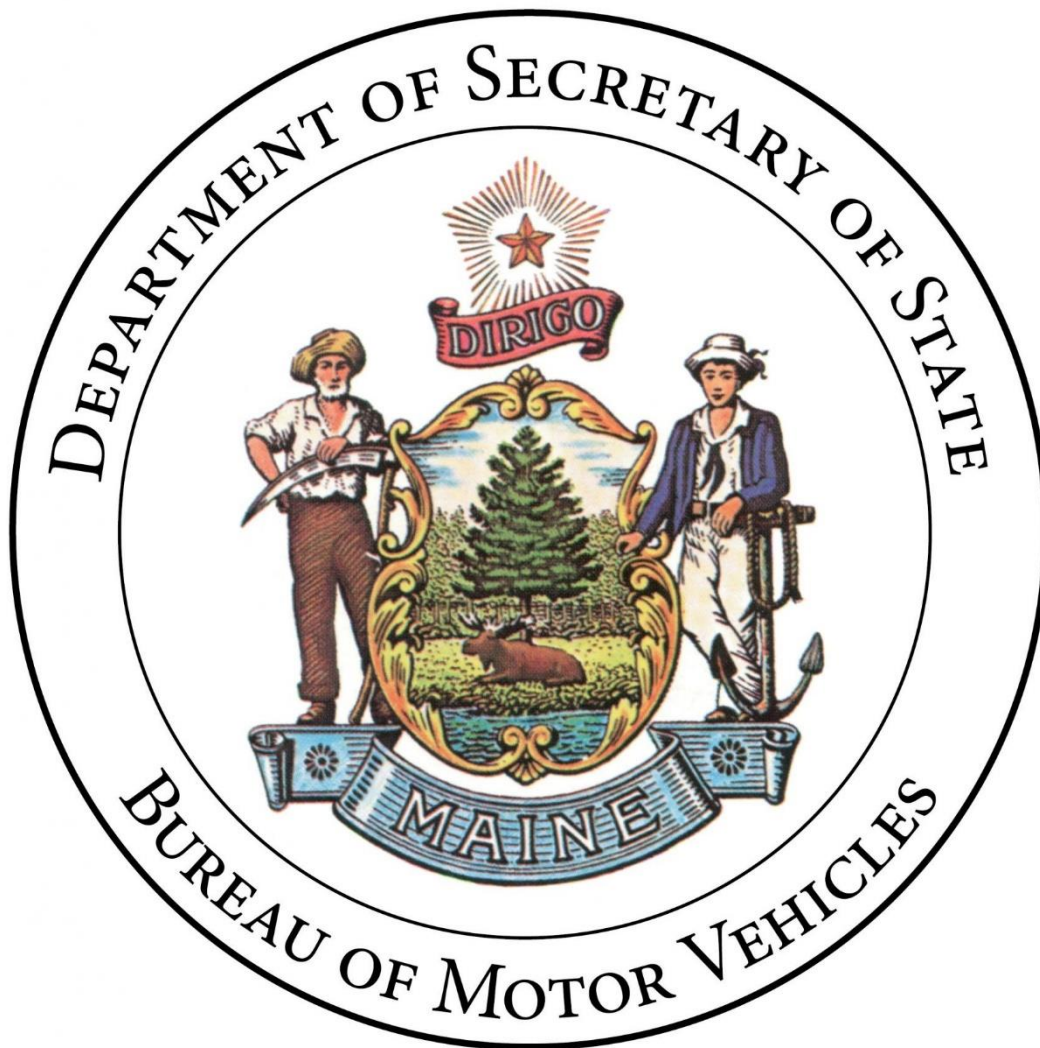# STATE OF MAINE

DEPARTMENT OF THE SECRETARY OF STATE
BUREAU OF MOTOR VEHICLES
DIVISION OF TITLE SERVICES

Electronic Lien Titling Program Technical Specifications

Table of Contents

Document History

Date	Version	Changes
09-26-2023	1.0	
10-13-2023	1.1	• Corrected typographical error in the document header • Moved codes for "Over 10 years" and "Over 20 years" from section titled "Lessee Lessor field codes" to section titled "Mileage Type codes." • Changed required address fields for transactions LMA, LOA, LLW, and LPR • Added Lien Number to CLR and CLW Lien Release Confirmations • Removed CMA reference to MRT; change COA reference from MRT to CMA • Made Transaction Number Confirmation required for all Confirmation transactions • Clarified that BMV exchanges data 7 days a week including holidays • Corrected typographical error in the Standards and Conventions for outbound and inbound file names
11-13-2023	1.2	• Corrected typographical errors in Test Cases 6 and 7
02-21-24	1.3	• Corrected typographical error (LPO is now correctly written as LOP) • Clarified SPID# in a Transaction Number should not contain hyphens • Removed Transaction_Confirmation_Number for NET, MCT, MRS, MRT • Clarified Body Type field is 2 characters-unrestricted • Added information about PGP Encryption
05-06-2024	1.4	• Added information about zip code and needing hyphen xxxxx-xxxx

Introduction

This document outlines the technical specifications for the computer interface required for conducting title transactions as part of Maine Electronic Lien Titling Program.

Planned Phases of ELT Development

Maine Bureau of Motor Vehicles (MBMV) is developing the ELT in four phases. Each phase will implement new features and transactions. The specifications in this document pertain to Phase I.

MBMV's plans for future development are outlined below:

Phase I—estimated implementation date 01-31-2024

During Phase I all transactions will be conducted through a SFTP batch interface.

Transactions in development for Phase I:
- Lien notification from MBMV
- Lien release by lienholder
- Change owner address by lienholder
- Request for printed title by lienholder
- "Mail to" alternate address
- Request from lienholder for update or correction to title
- Notification from MBMV of update or correction to title

Phase II—estimated implementation date 01-31-2026

MBMV will integrate a REST API for the purpose of conducting ELT transactions.

Anticipated Phase II transactions:
- Title inquiry by lienholder
- Electronic title applications
- Electronic payments
- Reassignment of lien
- Convert paper titles to ELT record
- Lease assumptions
- Salvage titles
- Option for vehicle owner to keep electronic title after lien release

Phase III—planning to begin 02-01-2026

MBMV expects to develop new transactions in consultation with stakeholders for Phase III.

Phase IV—planning to begin 02-01-2028

MBMV expects to develop new transactions in consultation with stakeholders for Phase IV.
- Goal: fully electronic title system

Transaction Descriptions for Phase 1

Transactions will be limited to the following titles:
1. Vehicle
2. Trailers
3. Manufactured Homes
4. Tiny Homes

MBMV may send 9 types of transactions to the lienholder:
1. An e-title recording the lien.
2. A correction to an existing e-title that the lienholder holds.
3. Notification an e-title has been replaced by a new e-title (name change/additional lien/vehicle brand added).
4. Rescind transaction (an e-title record transaction sent in error).
5. Confirmation of a "mail to" address change.
6. Confirmation of an owner address change.
7. Confirmation of the lien release.
8. Confirmation of the lien release AND "mail to" address change AND/OR owner address change.
9. Confirmation that the request to have the title printed has been received without lien release.

Lienholder may send 10 types of transactions to the MBMV:
1. Confirmation that a new e-title has been received.
2. Confirmation that a correction to an e-title has been received.
3. Confirmation that a replaced e-title transaction has been received.
4. Confirmation that a rescind for an e-title transaction has been received.
5. Request to add a "mail to" address (name and address where the paper title will be mailed).
6. Request to change the owner address on the title record.
7. Request to release the lien.
8. Request to release the lien AND add a "mail to" address AND/OR change the owner address.
9. Request to convert the e-title to a paper title and mail due to repossession.
10. Request to convert the e-title to a paper title and mail due to the owner retitling out of state.

Transaction Code Relationship

Outbound Codes	Outbound Message from MBMV to Lienholder	Inbound Codes	Inbound Message from Lienholder to MBMV
NET	MBMV sends a "new" e-title record to the lienholder (new title number)	CET	Lienholder sends a confirmation receipt for a new e-title
MCT	MBMV sends a "corrected" e-title to the lienholder (same title number)	CCT	Lienholder sends a confirmation receipt for a "corrected" e-title (same title number)
MRC	MBMV sends a "replaced" e-title with corrections (replaced title number)	CRC	Lienholder sends a confirmation receipt for a "replaced" title (replaced title number)
MRT	MBMV sends a "rescind elt transaction" for an incorrect e-title transaction	CRT	Lienholder sends a confirmation receipt for a "rescind elt transaction" for an e-title transmission
		ERR	Lienholder cannot parse a transaction so cannot send a confirmation

Inbound Codes	Inbound Message from Lienholder to MBMV	Outbound Codes	Outbound Message from MBMV to Lienholder
LMA	Lienholder wants to add a "mail to" address	CMA	MBMV sends confirmation of a "mail to" address change request
LOA	Lienholder wants to change the owner address on the Title	COA	MBMV sends confirmation of owner address change request
LLR	Lienholder wants to release the lien	CLR	MBMV sends confirmation of lien release request
LLW	Lienholder wants to release the lien AND add "mail to" address AND/OR change owner address	CLW	MBMV sends confirmation of lien release AND added "mail to" address AND/OR owner address change request(s)
LPR	Lienholder wants the title with lien to be paper (print and mail) - Repossession	CTP	MBMV sends confirmation of title print request (no lien release)
LOP	Lienholder wants the title with lien to be paper (print and mail) - Owner OOS	CTP	MBMV sends confirmation of title print request (no lien release)
		ERR	MBMV cannot parse a transaction so cannot send a confirmation

Field Information

- MBMV stores most of its data in upper case, however, it will accept data in mixed case and convert to upper case as required.
- MBMV will send data as it is stored in our systems.
- Files will be sent csv format (comma-separated values).
    - Fields are separated by commas (,).
    - Field delimiter is a double quote (").
    - Double quotes are escaped with an additional double quote ("").
- Service Provider ID number format will be: SP-FEIN-XXX.
- Lienholder ID number format will be: ME-FEIN-XXX.
    - MBMV will accept provider numbers and lienholder numbers with hyphens (-).
- Zip Code format is the five preceding numbers and the trailing four with hyphen. Format will be: XXXXX-XXXX
- Date/Time field format is YYYYMMDDHHmmSS (20230701231922).
- Date field format is YYYYMMDD.
- Number fields can be received with or without leading zeros.
- Number fields will be sent without leading zeros.
- Title Status field codes:
    - **A**=ACTIVE
    - **C**=CANCELLED
- Miles/KM codes:
    - **E**= EXEMPT
    - **K**= KILOMETERS
    - **M**=MILES
- Mileage Type codes:
    - **A** = Actual
    - **I** = In Excess
    - **N** = Not Actual
    - **G** = Over 10 Years
    - **T** = Over 20 Years
- Odometer Change codes:
    - **B** = Broken
    - **C** = Converted
    - **D** = Discrepancy
    - **Y** = Yes
- State Codes:
    - Complete list upon request
- Country Codes:
    - US = United States
    - CD = Canada
    - MX = Mexico
    - Complete list upon request
- Lessee Lessor field codes:
    - Blank
    - **E**=Lessee
    - **R**=Lessor

- Brands will be a required yes/no field, with the value Y or N. MBMV includes the following Brands:
    - Water Damage
    - Rebuilt
    - Rebuilt Salvage

- o Reconstructed
- o Repaired
- o Repossessed
- o Salvage Vehicle
- o Lemon Law

- Warranty Titles include the following:
  - o **A** = Antique Vehicle
  - o **C** = Classic Vehicle
  - o **H** = Horseless carriage
  - o **M** = Antique Motorcycle

Field Order Layout OUTBOUND - from MBMV to Lienholder

NET-MBMV sends a "new" e-title record to the lienholder (new title number)

Field Name	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
TITLE_ISSUE_DATE	date	Yes
TITLE_STATUS	text(1)	Yes
ORIGINAL_TITLE_DATE	date	No
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes
VEHICLE_YEAR	number(4)	Yes
VEHICLE_MAKE	text(4)	Yes
VEHICLE_MODEL	text(6)	No
VEHICLE_BODY_TYPE	text(2) – Unrestricted	No
VEHICLE_MSRP	number(10)	No
VEHICLE_IMPORTED	text(1)	Yes
ODOMETER_READING	number(8)	No
MILEAGE_UOM	text(1)	No
MILEAGE_TYPE	text(1)	No
ODOMETER_CHANGED	text(1)	No
NEW_USED_VEHICLE	text(4)	No
VEHICLE_PURCHASE_DATE	date	No
PRIOR_TITLE_NUMBER	text(20)	No
PRIOR_TITLE_STATE	text(2)	No
PRIOR_TITLE_COUNTRY	text(2)	No
JOINT_OWNERSHIP	text(1)	Yes
OWNER_COMPANY_1_LESSEE	text(1)	No
OWNER_COMPANY_1_Name	text(100)	No
OWNER_COMPANY_2_LESSEE	text(1)	No
OWNER_COMPANY_2_Name	text(100)	No
OWNER_PERSON_1_LESSEE	text(1)	No
OWNER_PERSON_1_FIRST_NAME	text(20)	No
OWNER_PERSON_1_MIDDLE_INITIAL	text(1)	No
OWNER_PERSON_1_LAST_NAME	text(50)	No
OWNER_PERSON_1_SUFFIX	text(3)	No
OWNER_PERSON_2_LESSEE	text(1)	No
OWNER_PERSON_2_FIRST_NAME	text(20)	No
OWNER_PERSON_2_MIDDLE_INITIAL	text(1)	No

OWNER_PERSON_2_LAST_NAME	text(50)	No
OWNER_PERSON_2_SUFFIX	text(3)	No
OWNER_PERSON_3_LESSEE	text(1)	No
OWNER_PERSON_3_FIRST_NAME	text(20)	No
OWNER_PERSON_3_MIDDLE_INITIAL	text(1)	No
OWNER_PERSON_3_LAST_NAME	text(50)	No
OWNER_PERSON_3_SUFFIX	text(3)	No
OWNER_ADDRESS_LINE_1	text(50)	Yes
OWNER_ADDRESS_LINE_2	text(50)	No
OWNER_ADDRESS_LINE_3	text(50)	No
OWNER_CITY	text(50)	Yes
OWNER_STATE	text(2)	Yes
OWNER_ZIP_CODE	text(15)	No
OWNER_COUNTRY_CODE	text(2)	Yes
OWNER_DBA_NAME	text(50)	No
BRAND_WATER_DAMAGE_	text(1)	Yes
BRAND_REBUILT_	text(1)	Yes
BRAND_REBUILT_SALVAGE	text(1)	Yes
BRAND_RECONSTRUCTED	text(1)	Yes
BRAND_REPAIRED	text(1)	Yes
BRAND_REPOSSESSED	text(1)	Yes
BRAND_SALVAGE	text(1)	Yes
BRAND_LEMON_LAW_BUSINESS	text(1)	Yes
UNDISCLOSED_LIEN	text(1)	Yes
UNDISCLOSED_LIEN_START_DATE	date	No
UNDISCLOSED_LIEN_END_DATE	date	No
BOND	text(1)	Yes
BOND_START_DATE	date	No
BOND_END_DATE	date	No
655	text(1)	Yes
655_START_DATE	date	No
655_END_DATE	date	No
LIEN_NUMBER	number(2)	Yes
LIEN_DATE	date	Yes
LIENHOLDER_1_ABBREVIATED_NAME	text(100)	Yes
LIENHOLDER_1_ADDRESS_LINE_1	text(50)	Yes
LIENHOLDER_1_ADDRESS_LINE_2	text(50)	No
LIENHOLDER_1_ADDRESS_LINE_3	text(50)	No
LIENHOLDER_1_CITY	text(50)	Yes
LIENHOLDER_1_STATE	text(2)	Yes
LIENHOLDER_1_ZIP_CODE	text(15)	Yes

LIENHOLDER_1_COUNTRY	text(2)	Yes
LIENHOLDER_2_ABBREVIATED_NAME	text(100)	No
LIENHOLDER_2_ADDRESS_LINE_1	text(50)	No
LIENHOLDER_2_ADDRESS_LINE_2	text(50)	No
LIENHOLDER_2_ADDRESS_LINE_3	text(50)	No
LIENHOLDER_2_CITY	text(50)	No
LIENHOLDER_2_STATE	text(2)	No
LIENHOLDER_2_ZIP_CODE	text(15)	No
LIENHOLDER_2_COUNTRY	text(2)	Yes
LIENHOLDER_3_ABBREVIATED_NAME	text(100)	No
LIENHOLDER_3_ADDRESS_LINE_1	text(50)	No
LIENHOLDER_3_ADDRESS_LINE_2	text(50)	No
LIENHOLDER_3_ADDRESS_LINE_3	text(50)	No
LIENHOLDER_3_CITY	text(50)	No
LIENHOLDER_3_STATE	text(2)	No
LIENHOLDER_3_ZIP_CODE	text(15)	No
LIENHOLDER_3_COUNTRY	text(2)	Yes
LIENHOLDER_4_ABBREVIATED_NAME	text(100)	No
LIENHOLDER_4_ADDRESS_LINE_1	text(50)	No
LIENHOLDER_4_ADDRESS_LINE_2	text(50)	No
LIENHOLDER_4_ADDRESS_LINE_3	text(50)	No
LIENHOLDER_4_CITY	text(50)	No
LIENHOLDER_4_STATE	text(2)	No
LIENHOLDER_4_ZIP_CODE	text(15)	No
LIENHOLDER_4_COUNTRY	text(2)	Yes
LIENHOLDER_5_ABBREVIATED_NAME	text(100)	No
LIENHOLDER_5_ADDRESS_LINE_1	text(50)	No
LIENHOLDER_5_ADDRESS_LINE_2	text(50)	No
LIENHOLDER_5_ADDRESS_LINE_3	text(50)	No
LIENHOLDER_5_CITY	text(50)	No
LIENHOLDER_5_STATE	text(2)	No
LIENHOLDER_5_ZIP_CODE	text(15)	No
LIENHOLDER_5_COUNTRY	text(2)	Yes
WARRANTY_TITLE_	text(1)	No
MAIL_TO_NAME_(COMPANY_or_PERSON_Name)	text(100)	No
MAIL_TO_ADDRESS_LINE_1	text(50)	No
MAIL_TO_ADDRESS_LINE_2	text(50)	No
MAIL_TO_ADDRESS_LINE_3	text(50)	No
MAIL_TO_CITY	text(50)	No
MAIL_TO_STATE	text(2)	No
MAIL_TO_ZIP_CODE	text(15)	No

MAIL_TO_COUNTRY_CODE	text(2)	Yes

MCT-MBMV sends a "corrected" e-title to the lienholder (same title number)
MCT will send the same fields as NET above

MRC-MBMV sends a "replaced" e-title with corrections (replaced title number)
MRC will send the same fields as NET above

MRT-MBMV sends a "rescind ELT transaction" for an incorrect e-title transaction

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

CMA-MBMV sends confirmation of a "mail to address" change request.

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
TRANSACTION_NUMBER_CONFIRMATION	text(30)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes
Additional optional error fields:		
ERROR_CODE_1	text(3)	No (Yes*)
ERROR_VALUE_1	text(50)	No (Yes*)
ERROR_MESSAGE_1	text(200)	No (No*)
ERROR_CODE_2	text(3)	No (Yes*)
…		
ERROR_MESSAGE_5	text(200)	No (No*)

COA-MBMV sends confirmation of owner address change request.
COA will send the same fields as CMA above

CLR-MBMV sends confirmation of lien release request.

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
LIEN_NUMBER	number(2)	Yes

TRANSACTION_NUMBER_CONFIRMATION	text(30)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes
Additional optional error fields:		
ERROR_CODE_1	text(3)	No (Yes*)
ERROR_VALUE_1	text(50)	No (Yes*)
ERROR_MESSAGE_1	text(200)	No (No*)
ERROR_CODE_2	text(3)	No (Yes*)
…		
ERROR_MESSAGE_5	text(200)	No (No*)

* From 0 to 5 errors can be returned. If an error is returned, its set of 3 fields will be included, ERROR_CODE_n, ERROR_VALUE_n and ERROR_MESSAGE_n, where n is 1 to 5. ERROR_MESSAGE_n can be returned blank.

CLW-MBMV sends confirmation of lien release AND added mail to address AND/OR owner address change request(s)
CLW will send the same fields as CLR above

CTP-MBMV sends confirmation of title print request (no lien release)

Field Name	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
TRANSACTION_NUMBER_CONFIRMATION	text(30)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes
Additional optional error fields as per CMA above		

Field Order Layout INBOUND - from Lienholder to MBMV

CET-Lienholder sends a confirmation receipt for a new e-title

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
TRANSACTION_NUMBER_CONFIRMATION	text(30)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes
Additional optional error fields as per CMA above		

CCT-Lienholder sends a confirmation receipt for a "corrected" e-title (same title number)
CCT will send the same fields as CET above

CRC-Lienholder sends a confirmation receipt for a "replaced" e-title (replaced title number)
CRC will send the same fields as CET above

CRT-Lienholder sends a confirmation receipt for a "rescind elt transaction" for an e-title transmission
CRT will send the same fields as CET above

Field Order Layout INBOUND and OUTBOUND - from Lienholder to MBMV and MBMV to Lienholder

ERR-Receiver cannot parse a transaction so cannot send a confirmation.

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	Datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
FILE_NAME	text()	Yes
LINE_NUMBER	number(6)	Yes
Additional optional error fields as per CMA above		

LMA-Lienholder wants to add a "mail to address"

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
MAIL_TO_NAME_(COMPANY or PERSON)	text(100)	No
MAIL_TO_ADDRESS_LINE_1	text(50)	Yes
MAIL_TO_ADDRESS_LINE_2	text(50)	No
MAIL_TO_ADDRESS_LINE_3	text(50)	No
MAIL_TO_CITY	text(50)	Yes
MAIL_TO_STATE	text(2)	Yes
MAIL_TO_ZIP_CODE	text(15)	Yes
MAIL_TO_COUNTRY_CODE	text(2)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

LOA-Lienholder want to change the owner address on the Title

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
OWNER_ADDRESS_LINE_1	text(50)	Yes
OWNER_ADDRESS_LINE_2	text(50)	No

OWNER_ADDRESS_LINE_3	text(50)	No
OWNER_CITY	text(50)	Yes
OWNER_STATE	text(2)	Yes
OWNER_ZIP_CODE	text(15)	Yes
OWNER_COUNTRY_CODE	text(2)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

LLR-Lienholder wants to release the lien

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
LIEN_NUMBER	number(2)	Yes
LIEN_DATE	date	Yes
LIEN_RELEASE_DATE	date	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

LLW-Lienholder wants to release the lien AND add a mail to address AND/OR change owner address

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	datetime	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
LIEN_NUMBER	number(2)	Yes
LIEN_DATE	date	Yes
LIEN_RELEASE_DATE	date	Yes
MAIL_TO_NAME_(COMPANY or PERSON)	text(100)	No
MAIL_TO_ADDRESS_LINE_1	text(50)	**Yes/No***
MAIL_TO_ADDRESS_LINE_2	text(50)	No
MAIL_TO_ADDRESS_LINE_3	text(50)	No
MAIL_TO_CITY	text(50)	**Yes/No***
MAIL_TO_STATE	text(2)	**Yes/No***
MAIL_TO_ZIP_CODE	text(15)	**Yes/No***
MAIL_TO_COUNTRY_CODE	text(2)	**Yes/No***
OWNER_ADDRESS_LINE_1	text(50)	**Yes/No***
OWNER_ADDRESS_LINE_2	text(50)	No
OWNER_ADDRESS_LINE_3	text(50)	No
OWNER_CITY	text(50)	**Yes/No***
OWNER_STATE	text(2)	**Yes/No***
OWNER_ZIP_CODE	text(15)	**Yes/No***
OWNER_COUNTRY_CODE	text(2)	Yes
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

* Required if specifying the address. The message may be modifying only one address.

LPR-Lienholder wants the title with lien to be paper (print and mail) – Repossession

Field Description	Field Type	Required
TRANSACTION_CODE	text(3)	Yes
TRANSACTION_NUMBER	text(30)	Yes
TRANSACTION_DATETIME	Date/Time	Yes
PROVIDER_NUMBER	text(16)	Yes
LIENHOLDER_NUMBER	text(16)	Yes
TITLE_NUMBER	text(9)	Yes
MAIL_TO_NAME_(COMPANY or PERSON)	text(100)	No
MAIL_TO_ADDRESS_LINE_1	text(50)	**Yes/No***
MAIL_TO_ADDRESS_LINE_2	text(50)	No
MAIL_TO_ADDRESS_LINE_3	text(50)	No
MAIL_TO_CITY	text(50)	**Yes/No***
MAIL_TO_STATE	text(2)	**Yes/No***
MAIL_TO_ZIP_CODE	text(15)	**Yes/No***
MAIL_TO_COUNTRY_CODE	text(2)	**Yes/No***
VIN_(VEHICLE_IDENTIFICATION_NUMBER)	text(17)	Yes

* Required if specifying a new Mail To Address.

LOP-Lienholder want the title with lien to be paper (print and mail) Owner out of state (OOS)
LOP will send the same fields as LPR above

Transaction Error Codes

If a service provider experiences an error while using the batch interface, they should send an email detailing the nature of the problem to elt.bmv@maine.gov.

If a lender notes incorrect information on an e-title, they should send an email detailing the error and including the relevant title number to elt.bmv@maine.gov. The Division of Title Services will research the error and issue a correction accordingly.

If a lender experiences trouble connecting to provider's batch interface, they must contact the provider to correct the error. They may not contact BMV.

In case of an error in MBMV will send the following error codes either in a confirmation transaction, or, where it is not possible to send a confirmation transaction, in an error (ERR) transaction:

Error Codes Outbound	Description of Error Code
FTL "Field Name"	Field too long - list the field name
FDM "Field Name"	Field data missing - list the field name
FFI "Field Name"	Field format incorrect - list the field name
FDI "Field Name"	Field data incorrect - list the field name
LRD "Field Name"	Lien release date invalid
RNF "Field Name"	Record not found - list missing required fields
	TRANSACTION_CODE
	TRANSACTION_NUMBER
	TRANSACTION_DATETIME
	PROVIDER_NUMBER
	LIENHOLDER_NUMBER
	TITLE_NUMBER
	LIEN_DATE
	LIEN_NUMBER
	TRANSACTION_NUMBER_CONFIRMATION
PTP "Title Number"	Paper title previously printed - list title number
NPL "Primary LHID"	Requesting Lienholder is not the primary lienholder - list lienholder ID
OOO "Transaction Datetime"	Out of Order Transaction: based on transaction datetime, a later transaction has been processed. Processing requires additional intervention
OOR "Transaction Datetime"	Out of Order Transaction rejected. Error message should explain the reason for rejection.
VQU "Confirmation Transaction Number"	Transaction was validated and is currently queued for later processing. List Confirmation Transaction Number Processing will perform later
VUP "Confirmation Transaction Number"	Transaction was validated but is currently unable to be processed. List Confirmation Transaction Number Processing will be retried/resolved later
REJ "Confirmation Transaction Number"	Transaction was rejected due to a special condition that cannot be represented by other error codes. Error message should explain reason for rejection.

Error codes will be transmitted in the confirmation message as [**CODE – Field Name – Error Message**]. The system will send up to five error codes at one time per submission.

File Transfer Schedules

MBMV and providers are required to retrieve files seven days a week including holidays.

Providers retrieve outbound files from MBMV and delete them after successful retrieval between the hours of 12:00 am and 01:30 am EST.

Providers must have inbound files available for MBMV retrieval by 11:00 pm (23:00) EST each evening. MBMV retrieves the files and deletes them after successful retrieval between the hours of 12:00 am and 01:30 am EST.

Providers must notify the MBMV contact person immediately upon discovery of the failure to retrieve outbound files or submit inbound files. This notification shall occur within 24 hours of the failure during MBMV business hours.

Data Transfers
Required File Transfer Protocol

The BMV requires all external data transfers to be encrypted end-to-end using PGP encryption. The connection will also be encrypted using SFTP. SFTP-Secure File Transfer Protocol uses Secure Shell (SSH) communications technology to secure the control and data connection. We will be exchanging public PGP keys with each Service Provider and require a SSH key for connections to the FTP site.

BMV uses MOVEit.

Standards and Conventions

Inbound files (identified on pages 15-18) will be named in the following manner:

TITLE.ELT.IN.<SP ID# without hyphens>.YYYYMMDD.HHmmss where SPID# is the service provider identification number (without hyphens) assigned by MBMV and YYYYMMDDHHmmss is the calendar date/time the file is created. (e.g., an inbound file for June 30, 2023 for service provider SP-123456789-001 would be names TITLE.ELT.IN.SP123456789001.20230330.171959).

Outbound files (identified on pages 11-15) will be named in the following manner:

TITLE.ELT.OUT.<SP ID# without hyphens>.YYYYMMDD.HHmmss where SPID# is the service provider identification number (without hyphens) assigned by MBMV and YYYYMMDDHHmmss is the calendar date/time the file is created. (e.g., an outbound file for June 30, 2023 for service provider SP-123456789-001 would be named TITLE.ELT.OUT.SP12345679001.20230630.171959).

Encryption BMV use PGP Encryption and all files are encrypted/decrypted using GnuPG with a .gpg extension.

Communication and System Testing for Phase 1

Upon review of the Maine ELT Service Provider Application & Service Provider MOU, the service provider, if interested in participating in Maine's ELT Program, will initiate a meeting with the Maine Division of Title Service's contact person. This meeting can be via Zoom, Teams, conference call, or in person at the MBMV. MBMV will invite other staff as needed i.e., Office of Information Services Architects, Analysts, etc.

Maine's Electronic Lien Titling Technical Specifications

Providers will communicate through the designated BMV contact person for all testing and error resolutions.

Test Cases

Test Case 1 NET and CET Codes
Certificate of Title Application (CTA) has been received by the BMV and the lien has been perfected:
> MBMV will send a NET transaction & SP will reply with a CET transaction

Test Case 2 MCT and CCT Codes
MBMV makes a correction to the title record due to:
1. Lienholder finds and reports an error in the e-title. Service Provider emails the elt.bmv@maine.gov
2. MBMV finds an error on the title record.
   MBMV will send a MCT transaction & SP will reply with a CCT transaction

Test Case 3 MRC and CRC Codes
MBMV replaces a title record to correct data due to:
1. Lienholder finds and reports an error in the e-title. Service Provider emails the elt.bmv@maine.gov
2. MBMV finds an error on the title record.
   MBMV will send a MRC transaction & SP will reply with a CRC transaction

Test Case 4 MRT and CRT Codes
MBMV wants to cancel the NET e-title "transaction" for various reasons:
> MBMV will send a MRT transaction & SP will reply with a CRT transaction

Test Case 5 LMA and CMA Codes
Lienholder wants to add a "mail to" address to the title record
> SP will send a LMA transaction & MBMV will reply with a CMA transaction

Test Case 6 LOA and COA Codes
Lienholder want to change the owner address on the title record
> SP will send a LOA transaction & MBMV will reply with a COA transaction

Test Case 7 LLR and CLR Codes
Lienholder wants to release their lien on a title record (to release multiple liens on the same title record multiple transactions well need to be sent)
> SP will send a LLR transaction & MBMV will reply with a CLR transaction

Test Case 8 LLW and CLW Codes
Lienholder want to release the lien AND add a "mail to" address AND/OR change the owner name on the title record (to release multiple liens on the same title record multiple transactions will need to be sent)
> SP will send a LLW transaction & MBMV will reply with a CLW transaction

Test Case 9 LPR and CTP
Lienholder wants to have the e-title converted to a paper title due to a repossession
No lien release

> SP will send a LPR transaction & MBMV will reply with a CTP transaction

Test Case 10 LOP and CTP Codes

Lienholder wants to have the e-title converted to a paper title due to the owner moving out of state
No lien release

      SP will send a LOP transaction & MBMV will reply with a CTP transaction

Upon successful completion of the testing, the Office of Information Services will report the test results to the Division of Title Services. The Division of Title Services will then add the provider to the list of authorized providers and will communicate with the provider to determine an implementation date.