

# Revenue

## Excise Movement Control System (EMCS) Data Items Format

Message: **Applies to all EU defined EMCS Messages**

### Notes:

This document presents a complete list of all Data Items and their format used in the messages for EMCS. The Data Items are listed in alphabetical order.

The information for Phase 3 is contained in the DDNEA document [Phase3-4](#)

Formats are defined as the following...

Format	Meaning
an..X	Alphanumeric value that can be up to <b>X</b> characters in length.
anX	Alphanumeric value that must be <b>X</b> characters in length.
n..X	Numeric value that can be up to <b>X</b> digits in length.
nX	Numeric value that must be <b>X</b> digits in length.
n..X,Y	Numeric value that can be up to <b>X</b> digits in length. Can have up to <b>Y</b> digits after the decimal point.
nX,Y	Numeric value that must be <b>X</b> digits in length. Can have up to <b>Y</b> digits after the decimal point.
a..X	Alphabetical value that can be up to <b>X</b> digits in length.
aX	Alphabetical value that must be <b>X</b> characters in length.
time	Time value of RegExp type <b>hh ':' mm ':' ss ('.' s+)? \d{2}:\d{2}:\d{2}(\.\d+)?</b>
date	Date value of RegExp type <b>yyyy '-' MM '-' dd \d{4}-\d{2}-\d{2}</b>
dateTime	Date & Time value of RegExp type <b>yyyy '-' MM '-' dd 'T' hh ':' mm ':' ss ('.' s+)? \d{4}-\d{2}-\d{2}T\d{2}:\d{2}:\d{2}(\.\d+)?</b>
Base64Binary	Binary content coded as "base64"

Data Item	Format
AAD Reference Code	an21
Action Code	n..2
Action identification	an..20
Activation Date	date
Alcoholic strength	n..5,2
Alcoholic Strength Applicability flag	n1
Alert or Rejection of E-AAD Reason Code	n1
Application Exception Type Code	n1
Application Point Event Code	an..4
Application Statistics Action Type Code	n1
Authorisation Begin Date	date
Authorisation End Date	date
Body Record Unique Reference	n..3
Boolean Operator	a..4
Brand Name of Products	an..350
Brand Name of Products LNG	a2
Business Statistics Action Type Code	n..2
Cancel Export	n1
Cancellation Reason Code	n1
Capacity Code	n1
Changed Transport Arrangement	n1
City	an..50
CN Code	n8
Commercial description	an..350
Commercial description LNG	a2
Commercial Seal Identification	an..35
Common Risk Assessment Criteria flag	n1
Complementary Information	an..350
Complementary Information LNG	a2
Concerned Quarter	n5
Correlation identifier	an..44
Countable Flag	n1
Country Code	a2
Date and Time of Issuance	dateTime
Date and Time of Issuance of Reminder	dateTime
Date and Time of Update Validation	dateTime
Date and Time of Validation of Cancellation	dateTime
Date and Time of Validation of Change of Destination	dateTime
Date and Time of Validation of e-AAD	dateTime
Date and Time of Validation of Explanation on Delay	dateTime
Date and Time of Validation of Report of Receipt	dateTime
Date of Acceptance	date
Date of Arrival of Excise Products	date
Date of Dispatch	date
Date of Expiry	date

Data Item	Format
Date of preparation	date
Degree Plato	n..5,2
Degree Plato Applicability flag	n1
Delay Explanation Code	n1
Delayed Feedback Reason Code	n1
Density	n..5,2
Density Applicability flag	n1
Description	an..256
Designation of Origin	an..350
Designation of Origin LNG	a2
Destination Type Code	n1
Diagnosis Code	n1
Document Description	an..350
Document Description LNG	a2
Document Reference number	an..21
Error Code	n..5
Error Line Number/Column	n..5
Error LNG	a2
Error Location	an..350
Error pointer	an..210
Error Position	n..5
Error Reason	an..350
Error Reason LNG	a2
Error type	n..5
Event Type Code	n1
Evidence Type Code	n1
Excise Product Code	an4
Excise Products Category Code	a1
Expected Value	an..350
Explanation Code	n1
Extraction	n1
Fiscal Mark	an..350
Fiscal Mark LNG	a2
Fiscal Mark Used flag	n1
Global Conclusion of Receipt	n..2
Gross Weight	n..15,2
Guarantor type code	n..4
History Refusal Reason Code	n1
Identification of Sender Customs Officer	an..35
Identity	an..35
Identity of Transport Units	an..35
Import SAD Number	an21
Incremental Message Type	n1
Indicator of Shortage or Excess	a1
Invoice Date	date

Data Item	Format
Invoice Number	an..35
Journey Time	an3
Kind of packages	an2
Language Code	a2
Last Sent/Received Message Type	an..5
Limit Date and Time	dateTime
Local Reference Number	an..22
Maximum Duration of Temporary Authorisation	an4
Maximum Duration of TIM_AAD	an4
Maximum Duration of TIM_ADO	an4
Maximum Duration of TIM_CHS	an4
Maximum Duration of TIM_EWS	an4
Maximum Duration of TIM_EXP	an4
Maximum Duration of TIM_FDF	an4
Maximum Duration of TIM_HIS	an4
Maximum Duration of TIM_MVS	an4
Maximum Journey Time	an3
Member State Code	a2
Message Data	Base64Binary
Message identifier	an..44
Message recipient	an..36
Message Role	n1
Message sender	an..36
Movement history indication	n1
NAD_LNG	a2
Name	an..182
Net Weight	n..15,2
Notification Date and Time	dateTime
Notification Type	n1
Number of packages	n..15
Observed Shortage or Excess	n..15,3
Operation	a1
Operation Statistics Action Type Code	n1
Operator Role Code	n1
Operator Type Code	n1
Origin Type Code	n1
Original attribute value	an..350
Original Attribute Value_LNG	a2
Original Message Identification	an..14
Other	an..256
Other Information	an..350
Other Information LNG	a2
Period from date	date
Period to date	date

Data Item	Format
Postcode	an..10
Primary Criterion Reference	an..8
Primary Criterion Type Code	n..2
Quantity	n..15,3
Reason for Checks not Possible Code	n1
Reason for Interruption Code	n1
Reference Number	an8
Reference Number of Excise Office	an8
Reference Number of Issuance Office	an8
Reference Number of Sender Customs Office	an8
Reference of Document	an..350
Reference of Document LNG	a2
Reference of Tax Warehouse	an13
Refused Quantity	n..15,3
Rejection Date and Time	dateTime
Rejection Reason Code	n1
Reminder Information	an..350
Reminder Information LNG	a2
Reminder Message Type	n1
Request Correlation Identifier	an..16
Request Message Name	a..9
Request Reason	an..350
Request Reason Code	n..2
Request Reason LNG	a2
Request Type	n1
Requested List of Codes Code	n..2
Requesting Economic Operator	an13
Requesting Office	an8
Responsible Data Manager	an..35
Re-usable Temporary Authorisation flag	n1
Seal Information	an..350
Seal Information LNG	a2
Sequence Number	n..5
Serial Number of Certificate of Exemption	an..255
Size of Producer	n..15
Statistics End Date	date
Statistics Start Date	date
Status	an3
Status Request Message Type	n1
Street Name	an..65
Street Number	an..11
Subject Code	n1
Submission Message Type	n1
Submitter Identification	an13
Submitter Type	n1

Data Item	Format
Technical Message Type	an..6
Temporary Authorisation Reference	an13
Third Country of Origin	a2
Time of Dispatch	time
Time of preparation	time
Trader Excise Number	an13
Trader Name	an..182
TraderID	an..16
Transport Arrangement	n1
Transport Mode Code	n..2
Transport Unit Code	n..2
Type for Recall	n1
Unit of Measure Code	n1
Unsatisfactory Reason Code	n1
Update of Economic Operator Rejection Reason Code	n1
Validity Begin Date	date
Validity End Date	date
Value	an..255
VAT Number	an..35
Wine Operation Code	n..2
Wine Product Category	n1
Wine-Growing Zone Code	a..7