

Reference Manual on Inland Waterways Transport Statistics



Version 9.4

January 2022

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INTRODUCTION

The current version of the “Reference Manual on Inland Waterways Transport Statistics” is based on the “REGULATION (EU) 2018/974 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL” of 4 July 2018 ([Annex I](#)) on statistics of goods transport by inland waterways.

This Reference Manual consists of three parts:

- ✿ Part I: Overview, definitions, classifications and methodology
- ✿ Part II: National methodologies
- ✿ Part III: Procedures for data treatment and dissemination

The objective of **Part I** is to give all the necessary background information related to the Regulation (EU) 2018/974 of the European Parliament and of the Council on statistics of goods transport by inland waterways. Regulation (EU) 2018/974 repealed Regulation (EC) No 1365/2006 ([Annex II](#)) and its amending legal acts whilst the implementing Commission Regulation (EC) No 425/2007 ([Annex III](#)) remains in force.

This part also provides the description of the datasets structure, the classifications to be used, the definition of the statistical units and variables as well as the data transmission instructions.

Part II of the manual describes the methodologies applied at national level in order to comply with the regulation requirements.

Part III of the manual gives an overview on how the data are processed and disseminated by Eurostat. It includes the description of the inland waterway data integration process as well as a description of the quality checks currently applied. The last section of this part is devoted to the dissemination means available for inland waterway statistics.

The following modifications have been implemented compared to the previous version:

- ✿ Update of definitions
- ✿ Addition of methodological clarification on transport with nuclear power plant site
- ✿ Description of Eurobase table `iww_go_aport`
- ✿ Correction of some typing errors

PART I: OVERVIEW, DEFINITIONS, CLASSIFICATIONS AND METHODOLOGY

1 OVERVIEW

The Reference Manual gives all the necessary background information on Regulation (EU) 2018/974 of the European Parliament and the Council on statistics of goods transport by inland waterways.

The legal act defines a threshold for the obligation of data delivery from Member States: data must be supplied by all Member States for which the total volume of goods transported annually by inland waterways exceeds one million tonnes. Currently, 17 Member States provide data on mandatory or voluntary basis: Belgium (BE), Bulgaria (BG), Czechia (CZ), Germany (DE), France (FR), Croatia (HR), Italy (IT), Lithuania (LT), Luxembourg (LU), Hungary (HU), the Netherlands (NL), Austria (AT), Poland (PL), Romania (RO), Slovakia (SK), Finland (FI) and Sweden (SE). Data are also reported by Serbia (RS).

The legal act requires only the provision of a reduced annual dataset (table V1 in Annex V of Regulation (EU) 2018/974) for countries exceeding the one million tonnes threshold but where no international or transit traffic exists. There is no Member State where this requirement applies.

The datasets have to be delivered as soon as possible and no later than five months after the end of the relevant reference period. Freight transport data and container data have to be provided on mandatory basis. The provision of vessel traffic data is optional and data on the transport of dangerous goods and number of accidents are provided on voluntary basis.

2 DESCRIPTION OF THE DATASETS

Regulation (EU) N° 2018/974 of the European Parliament and of the Council on statistics of goods transport by inland waterways contains seven datasets:

- ✿ Table I1: Goods transport by type of goods (annual data)
- ✿ Table II1: Transport by nationality of vessel and type of vessel (annual data)
- ✿ Table II2: Vessel traffic (annual data - optional)
- ✿ Table III1: Container transport by type of goods (annual data)
- ✿ Table IV1: Transport by nationality of vessels (quarterly data)
- ✿ Table IV2: Container transport by nationality of vessels (quarterly data)
- ✿ Table V1: Goods transport (annual data).

In addition to the regulatory data collection:

- ✿ the Inland Waterways Working Group Meeting held on February 2007 agreed to start the voluntary data collection of two new datasets:
 - ◆ Table A2: Transport of dangerous goods by inland waterways (annual data)
 - ◆ Table A3: Number of inland waterways accidents (annual data)
- ✿ the Inland Waterways Working Group Meeting held on October 2013 agreed to start the voluntary data collection of two new datasets:
 - ◆ Table A4: Goods transport by port of loading and port of unloading (annual data)
 - ◆ Table A5: Goods transport by type of cargo (annual data).

11. This dataset contains annual goods transport by region of loading and region of unloading (NUTS2¹ level) broken down by national, international and transit transport, type of goods and type of packaging. Data are reported in tonnes transported and tonnes-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	A1	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Country/region of loading	4-alpha	NUTS2 (or ISO + ZZ)	
Country/region of unloading	4-alpha	NUTS2 (or ISO + ZZ)	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit or 3-digit	NST 2007*	
Type of packaging	1 -digit	1 = goods in containers 2 = goods not in containers and empty containers	
Tonnes transported			tonnes
Tonne-Km			tonne-Km

* After decision during Working Group meeting held on October 2013, type of goods can be provided at 3-digit level on voluntary basis

- A2. This dataset contains annual data for the transport of dangerous goods by type of transport broken down by national, international and transit transport and type of dangerous good.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	A2	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of dangerous good	2-digit	ADN classification	
Tonnes transported			tonnes
Tonne-Km			tonne-Km

Note: The provision of the data mentioned in this Table A2 is voluntary.

¹ Nomenclature of territorial units, according to the Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of territorial units for statistics (NUTS). <http://ec.europa.eu/eurostat/web/nuts/legislation>
Update of this classification adopted by amending and implementing Commission regulations will be applicable for the purpose of this Regulation. Last amending took place in 2019, c.f. Commission Delegated Regulation 2019/1755 of 8 August 2019 amending the Annexes to Regulation (EC) No 1059/2003 of the European Parliament and of the Council on the establishment of a common classification of territorial units for statistics (NUTS), OJ L 270, 24.10.2019

A3. This dataset contains the total number of inland waterways accidents and the number of inland waterways accidents involving dangerous goods

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	A3	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Total number of accidents			number of accidents
Number of accidents involving dangerous goods			number of accidents

Note: The provision of the data mentioned in this Table A3 is voluntary.

A4. This dataset contains annual goods transport by port of loading and port of unloading. Data are reported in tonnes transported and apply only to national and international transport. Transit traffic is not included in this table.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	A4	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Port of loading	5-digit	<ul style="list-style-type: none"> • EU Port codes (based on UN/LOCODE) from the list of ports • Non-EU port codes (based on UN/LOCODE) on voluntary basis ^{(1) (2)} • Specific area codes not considered as ports (see list of ports) 	
Port of unloading	5-digit	<ul style="list-style-type: none"> • EU Port codes (based on UN/LOCODE) from the list of ports • Non-EU port codes (based on UN/LOCODE) on voluntary basis ^{(1) (2)} • Specific area codes not considered as ports (see list of ports) 	
Tonnes transported			tonnes

⁽¹⁾ If only the country is known, the code CC888 should be used where CC corresponds to the ISO country code

⁽²⁾ A list of non-EU IWW ports may be provided by Eurostat in collaboration with UNECE

Note: The provision of the data mentioned in this Table A4 is voluntary and will not be disseminated at port-port level. However, data at port level are disseminated with the agreement of the reporting country.

A5. This dataset contains annual goods transport by region of loading and region of unloading (NUTS2 level) broken down by national, international and transit transport, type of goods and type of cargo. Data are reported in tonnes transported and tonne-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	A5	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Country/region of loading	4-alpha	NUTS2 (or ISO + ZZ)	
Country/region of unloading	4-alpha	NUTS2 (or ISO + ZZ)	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit or 3-digit	NST 2007*	
Type of cargo	2-digit	See § 3.10	
Tonnes transported			tonnes
Tonne-Km			tonne-Km

* Type of goods can be provided either at 2- or 3-digit level on voluntary basis.

Note: The provision of the data mentioned in this Table A5 is voluntary.

- II1. This dataset contains annual goods transport by region of loading and region of unloading (NUTS2 level) broken down by national, international and transit transport, nationality of vessel and type of vessel. Data are reported in tonnes transported and tonne-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	B1	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Country/region of loading	4-alpha	NUTS2 (or ISO + ZZ)	
Country/region of unloading	4-alpha	NUTS2 (or ISO + ZZ)	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Type of vessel	1 -digit	1 = self-propelled barge 2 = barge not self-propelled 3 = self-propelled tanker barge 4 = tanker barge not self-propelled 5 = other goods carrying vessel 6 = seagoing vessel	
Nationality of vessel	2-letter	NUTS0 (national code) (or ISO)	
Tonnes transported			tonnes
Tonne-Km			tonne-Km

- II2. This dataset contains annual vessel traffic broken down by national, international and transit transport. Data are reported at NUTS0 level, separately for movements of empty and loaded vessels and vessel-Km for empty and loaded vessels. The reporting of this dataset is optional.

Elements	Coding detail	Nomenclature	Unit
Table	2-Alpha	B2	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Type of transport	1-letter	1 = national 2 = international (except transit) 3 = transit	
Number of movements of loaded vessels			movements of vessels
Number of movements of empty vessels			movements of vessels
Vessel-Km (loaded vessels)			vessel-Km
Vessel-Km (empty vessels)			vessel-Km

Note: The provision of the data mentioned in this Table II2 is optional.

- III1. This dataset contains annual container transport by region of loading and region of unloading (NUTS2 level) broken down by national, international and transit transport, type of goods, size of container and loading status of the container. Data are reported in tonnes transported, tonne-Km, TEU and TEU-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-Alpha	C1	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Country/region of loading	4-alpha	NUTS2 (or ISO + ZZ)	
Country/region of unloading	4-alpha	NUTS2 (or ISO + ZZ)	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Size of containers	1 -digit	1 = 20' freight units 2 = 40' freight units 3 = freight units > 20' and < 40' 4 = freight units > 40'	
Loading status	1 -digit	1 = loaded containers 2 = empty containers	
Type of goods	2-digit	NST 2007	
Tonnes transported			tonnes
Tonne-Km			tonne-Km
TEU			TEU
TEU-Km			TEU-Km

- IV1. This dataset contains quarterly goods transport broken down by national, international and transit transport and nationality of vessel. Data are reported on NUTS0 level in tonnes transported and tonne-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-Alpha	D1	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of the vessel	2-letter	NUTS0 (national code) (or ISO)	
Tonnes transported			tonnes
Tonne-Km			tonne-Km

IV2. This dataset contains quarterly container transport broken down by national, international and transit transport, nationality of vessel and loading status of the container. Data are reported on NUTS0 level in tonnes transported, tonne-Km, TEU and TEU-Km.

Elements	Coding detail	Nomenclature	Unit
Table	2-Alpha	D2	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1 -digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of vessel	2-letter	NUTS0 (national code) (or ISO)	
Loading status	1 -digit	1 = loaded containers 2 = empty containers	
Tonnes transported			tonnes
Tonne-Km			tonne-Km
TEU			TEU
TEU-Km			TEU-Km

V1. This dataset contains annual goods transport by type of transport broken down by national, international and transit transport and type of goods. Data are reported at NUTS0 level in tonnes transported and tonne-Km. This dataset is only applicable to those countries subject to the reduced data provision obligation as defined on Article 2.3 of Regulation (EU) 2018/974.

Elements	Coding detail	Nomenclature	Unit
Table	2-alpha	E1	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	YYYY	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit or 3-digit	NST 2007 *	
Total tonnes transported			tonnes
Total tonne-Km			tonne-Km

* After decision during Working Group meeting held on October 2013, type of goods can be provided at 3-digit level on voluntary basis

3 CODIFICATION, CLASSIFICATIONS AND NOMENCLATURES

3.1 Table number

Depending on the dataset provided, the codes to be provided should be as follows:

Table	Reporting code
I1	A1
A2	A2
A3	A3
A4	A4
A5	A5
II1	B1
II2	B2
III1	C1
IV1	D1
IV2	D2
V1	E1

3.2 Reporting country code

Reporting country is coded according to NUTS classification. The level of detail is NUTS0. The list of reporting country codes to be used is available in [Annex V](#).

3.3 Year

The year should be provided using a 4-digit code.

3.4 Quarter

In datasets IV1 and IV2, the codes as described in the table below should be provided:

Quarter	Reporting code
1st quarter	41
2nd quarter	42
3rd quarter	43
4th quarter	44

3.5 Country/Region of loading/unloading

Regions of loading/unloading are coded according to NUTS classification for countries covered by NUTS Regulation and to ISO 3166 for the rest (e.g. for regions outside EU). The used version of NUTS always corresponds to the version in use and no conversion to previous version is required. For instance, NUTS 2006 is used for 2008 to 2011 data, NUTS 2010 for 2012 to 2014 data, NUTS 2013 for 2015 to 2016 data, NUTS 2016 for 2017 to 2020, NUTS 2021 for 2021 data and onwards (or until a new NUTS version will come up).

The level of detail is NUTS2 (basic regions, 4 digits). When using ISO 3166 (e.g. for regions outside EU), the two-digit ISO code followed by "ZZ" is used.

3.6 Port of loading/unloading

Eurostat, in close cooperation with the National Statistical Authorities, draws up a list of ports, coded and classified according to countries. The port codes used in the list are the official UN/LOCODEs, when they exist. If a port does not have an official UN/LOCODE a provisional code is attributed to the port. As soon as an official UN/LOCODE is attributed by the United Nations Economic Commission for Europe (UNECE) to the port at the request of the competent national authority, the provisional code is replaced by the final official one. In exceptional cases, permanent specific codes are attributed to special locations or activities.

The list is updated as and when there are modifications. The modifications should only reflect changes in the real infrastructure used for inland waterways transport operations: e.g. where new ports are constructed; existing ports change their use (for example a commercial port becomes marina only).

The consequence of the above changes (changes in the real infrastructure, changes in the codes, harmonisation process) is that the list of ports needs to be updated every year for operational reasons. After making the necessary amendments to the existing annual list, the list for data collection is distributed by Eurostat to the participating countries for data collection in the subsequent year under a gentlemen's agreement.

The annual list contains additional information useful for data compilation purposes:

- ✿ Port name
- ✿ NUTS2 code
- ✿ UN/LOCODE
- ✿ Reference statistical port
- ✿ Geographic coordinates
- ✿ Location on river (Km on the river)
- ✿ Port status (private/public)
- ✿ Notes

The UN/LOCODE consists of a 5 character code where the first two characters are the ISO 3166 country codes. The remaining three are either derived from recommendation 16 from the United Nations Economic Commission for Europe (UNECE) or numeric codes supplied provisionally by Eurostat for ports not yet included in the UN system.

A UN/LOCODE is part of a list of codes for all transport terminals and transfer places, being maintained as a standard for all transport documentation to facilitate trade and transport operations. The UN list of ports is not complete or fully consistent. For example, it may include more than one name for the same place. The list can also include names and codes for several shipping places within the control of one port authority.

The extension, refinement and correction of the UN/LOCODE list are an ongoing process. Any new ports identified within the data collection for which an official UN/LOCODE does not exist, are assigned a temporary code which is later replaced by the official UN/LOCODE, supplied by the UN office maintaining the UN/LOCODE list. Within the European Transport inland waterways data collection, ports are coded to their UN/LOCODEs, temporary or specific codes.

The list of IWW ports is available in CIRCABC [here](#):

The list of ports should be used as basis to provide codes for the ports located in the EU reporting countries. Specific area not considered as ports are also available in the list of ports.

For ports located in countries not listed in the Excel list of ports, UN/LOCODEs should be provided on voluntary basis. A list of non-EU IWW ports may be provided by Eurostat in collaboration with UNECE, as well as Rhine Commission and Danube Commission.

If only the country is known, the code CC888 should be used where CC corresponds to the ISO country code.

3.7 Type of transport

The codes as described in the table below should be provided:

Type of transport	Reporting code
National	1
International (except transit)	2
Transit	3

3.8 Type of goods

Prior to 2007, the types of goods reported as being transported by inland waterways were those defined by NST/R (Standard Goods for Transport Statistics). In 2007 only, the type of goods has been reported according either to the NST-2000² classification or to the NST/R³ classification. From 2008 onwards, only the NST2007 classification is valid as set out in Commission Regulation 1304/2007 amending Regulation 1365/2006 with respect to the establishment of NST2007 as the unique classification for transported goods in certain transport modes. This legal text is attached in [Annex IV](#).

The minimum detail required is at the 2-digit level. Following a decision at the Working Group meeting held in October 2013, countries can provide their data (on voluntary basis) at the 3-digit level of the NST2007 classification, in datasets I1, A5 and V1. The classification is available in [Annex VI](#).

When reporting the 3-digit level, the codes should be provided as described in the examples below:

Group	Denomination	Reporting code
01.1	Cereals	011
01.2	Potatoes	012
...		
01.B	Fish and other fishing products	01B
02.1	Coal and lignite	021
...		
19.1	Unidentifiable goods in containers or swap bodies	191

² Standard Goods for Transport Statistics, 2000, adopted at the sixty-fourth session (18-21 February 2002) of the Inland Transport Committee of the United Nations Economic Commission for Europe (UNECE) and revised at the fifty-sixth session of the Working Party on Transport Statistics (8-10 June 2005) under Document TRANS/WP.6/2004/1/Rev.2.

³ Standard Goods Classification for Transport Statistics/Revised, 1967. Published by the Statistical Office of the European Communities (French version 1968).

19.2	Other unidentifiable goods	192
20.0	Other goods not elsewhere specified	200

3.9 Type of dangerous goods

The nomenclature used to classify dangerous goods is the one defined by the European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)⁴. The two-digit code from the column "Reporting code" in the table below has to be used.

Class	Denomination	Reporting code
1	Explosive substances and articles	10
2	Gases	20
3	Flammable liquids	30
4.1	Flammable solids, self-reactive substances and solid desensitized explosives	41
4.2	Substances liable to spontaneous combustion	42
4.3	Substances which, in contact with water, emit flammable gases	43
5.1	Oxidizing substances	51
5.2	Organic peroxides	52
6.1	Toxic substances	61
6.2	Infectious substances	62
7	Radioactive material	70
8	Corrosive substances	80
9	Miscellaneous dangerous substances and articles	90

3.10 Type of cargo

The type of cargo classification, set according to the UNECE codes for types of cargo, packages and packaging materials, Recommendation 21, Geneva, March 1986, describes how the goods are being transported, mainly in terms of the vessels being used but also the port facilities required to handle them. The type of cargo classification is therefore very different from the goods classification, which groups goods according to their common characteristics.

It is important to note that there is no one-to-one correlation between type of cargo and category of goods because the same good could be transported by various means. For example, while petroleum products are normally transported as liquid bulk, they could also be transported as containerised cargo or in mobile units.

⁴ http://www.unece.org/fileadmin/DAM/trans/danger/publi/adn/agreement_text.pdf

The codes in bold, in the following table, represent the simplified classification which is the minimum level of detail to be used by all countries providing the type of cargo information.

Category	Reporting code	Description
Liquid bulk	1X	Liquid bulk goods (no cargo unit) – Unknown
	<i>13</i>	<i>Oil products</i>
	<i>14</i>	<i>Chemicals</i>
	<i>19</i>	<i>Other liquid bulk goods</i>
Dry bulk	2X	Dry bulk goods (no cargo unit) - Unknown
	<i>21</i>	<i>Ores</i>
	<i>22</i>	<i>Coal</i>
	<i>23</i>	<i>Agricultural products</i>
	<i>24</i>	<i>Construction materials</i>
	<i>29</i>	<i>Other dry bulk goods</i>
Containers	3X	Large containers - Unknown
	<i>31</i>	<i>20 ft freight units</i>
	<i>32</i>	<i>40 ft freight units</i>
	<i>33</i>	<i>Freight units > 20 ft and < 40 ft</i>
	<i>34</i>	<i>Freight units > 40 ft</i>
	<i>39</i>	<i>Swap bodies</i>
Roll-on roll-off (self-propelled)	<i>5X</i>	<i>Mobile self-propelled units</i>
Roll-on roll-off (non-self-propelled)	<i>6X</i>	<i>Mobile non-self-propelled units</i>
Other general cargo (including small containers)	9X	Other general cargo - Unknown
	<i>91</i>	<i>Forestry products</i>
	<i>92</i>	<i>Iron and steel products</i>
	<i>99</i>	<i>Other cargo, not elsewhere specified</i>

The detailed codes in italics may be used on voluntary basis by those countries which are able to provide such information.

The 2-digit codes ending by "X" have to be interpreted as cargo types partially "unknown".

If the type of cargo is completely unknown, the code "XX" should be used for the data transmission.

The UNECE recommendations and descriptions for cargo types are included for reference purposes in [Annex VII](#).

3.11 Type of packaging

In dataset I1, the codes as described in the table below should be provided:

Type of packaging	Reporting code
Goods in containers	1
Goods not in containers and empty containers	2

3.12 Type of vessel

In dataset II1, the codes as described in the table below should be provided:

Type of vessel	Reporting code
Self-propelled barge	1
Barge not self-propelled	2
Self-propelled tanker barge	3
Tanker barge not self-propelled	4
Other goods carrying vessel	5
Seagoing vessel	6

3.13 Nationality of vessel

In dataset II1 and IV1, Nationality of vessel is coded according to NUTS classification (level 0) and to ISO 3166 for the rest (2-digits code; e.g. for regions outside EU).

3.14 Size of containers

In dataset III1, the codes as described in the table below should be provided:

Size of containers	Reporting code
20' freight units	1
40' freight units	2
freight units > 20' and < 40'	3
freight units > 40'	4

3.15 Loading status

In dataset III1 and IV2, the codes as described in the table below should be provided:

Loading status	Reporting code
Loaded containers	1
Empty containers	2

4 DESCRIPTION OF THE STATISTICAL UNITS AND VARIABLES

Under this paragraph, all concepts and definitions used in the domain of inland waterways statistics are put together. Beside the definitions and concepts included in the Commission Regulation (EU) N° 2018/974 on statistics of goods transport by inland waterways, the list takes from the Glossary of Transport Statistics (4th edition⁵) – Chapter C, other related methodological definitions and concepts. It is important to point out that the definitions included in the Regulation take precedence over those in the Glossary and/or this manual. For the sake of clarity, each definition and concept included in this manual is followed by a precise reference.

4.1 Inland waterways transport – general definitions

4.1.1 Navigable inland waterways

A watercourse, no part of the sea, which by natural or man-made features is suitable for navigation, primarily by inland waterways vessels (Art.3.a)

This term covers navigable rivers, lakes, canals and estuaries. An inland waterway forming a common border between two countries has to be reported by both (Commission Regulation No 425/2007, Annex II, point I.1.).

4.1.2 Inland waterways transport

Any movement of goods and/or passengers using inland waterways vessels, which is undertaken wholly or partially in navigable inland waterways (Art.3.d)

For the purpose of this Regulation the movements of goods and/or passengers using seagoing vessels undertaken wholly in navigable inland waterways will be considered as inland waterways transport and will be subject to the same data provision obligations no matter if seagoing vessels (as defined at point 4.2.4) are not specifically mentioned in other definitions.

Movements of goods shipped to offshore installations are excluded. Bunkers and stores supplied to vessels in port are excluded, but bunker oil shipped to vessels offshore is included (Commission Regulation No 425/2007, Annex II, point I.2.).

4.1.3 National inland waterways transport

Inland waterways transport between two ports of a national territory irrespective of the nationality of the vessel (Art.3.e).

National inland waterways transport may involve transit through a second country, although for this country this transport has to be reported as transit. Cabotage transport defined as national inland waterways transport performed by a vessel registered in another country is included (Commission Regulation No 425/2007, Annex II, point I.3.).

4.1.4 International inland waterways transport

Inland waterways transport between two ports located in different national territories (Art.3.f).

International inland waterways transport may involve transit through one or more third countries. For these latter countries this transport has to be reported as transit (Commission Regulation No 425/2007, Annex II, point I.4.).

⁵ http://ec.europa.eu/eurostat/cache/metadata/Annexes/rail_if_esms_an1.pdf

4.1.5 Transit inland waterways transport

Inland waterways transport through a national territory between two ports both located in another national territory or national territories provided that in the total journey within the national territory there is no transshipment (Art.3.g).

Transit inland waterways transport shall be considered as such only provided that in the total journey within the national territory there is no transshipment (Commission Regulation No 425/2007, Annex II, point I.5.).

4.1.6 Fluvio-maritime transport

A transport operation partly by inland waterways and partly by sea, without transshipment.

It can be operated by inland waterway vessel or seagoing ships.

Any inland waterway vessel undertaking such transport will need to have the appropriate authorisation permitting it to operate at sea (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.V-07 and E.V-02).

4.1.7 Country/Region of loading

This is the country or region of the port (NUTS2 level) where the transported goods are loaded onto a vessel (Commission Regulation No 425/2007, Annex II, point I.6.).

4.1.8 Country/Region of unloading

This is the country or region of the port (NUTS2 level) where the transported goods are unloaded from a vessel (Commission Regulation No 425/2007, Annex II, point I.7.).

4.1.9 Tonnes transported

Unit for measuring the weight of goods transport equivalent to 1 000 kilograms.

The weight to be taken into consideration is the gross-gross weight of goods. The weight taken into consideration is equivalent to the total weight of the goods and packaging and the tare weight of equipment such as containers, swap bodies and pallets. When this tare weight is excluded, the weight is gross weight.

4.1.10 Tonnes-Km

Unit of measurement of goods transport which represents the transport of one tonne by inland waterways over one kilometre. The distance taken into account is the distance performed in the reporting country.

4.2 Definitions and variables of interest specific to individual tables

4.2.1 Type of packaging of goods (Table I1)

Goods on a vessel can be transported using two types of packaging

- ✿ Inside containers as defined in §4.2.8.
- ✿ Not in containers (Commission Regulation No 425/2007, Annex II, point I.8)

4.2.2 Type of goods (Tables I1, III1 and V1)

Any goods moved by inland waterways.

This includes all packaging and equipment such as containers, swap-bodies or pallets

4.2.3 Dangerous goods (Tables A2)

The classes of dangerous goods carried by Inland Waterways are those defined by the fifteenth revised edition of the UN Recommendations on the Transport of Dangerous Goods, United Nations, Geneva 2007 (See [§ 3.9](#)).

4.2.4 Type of cargo (Table A5)

Liquid bulk

Liquid bulk refers to unpackaged liquid goods that can be handled through a pipeline, is stored and transported on the vessel or vehicle in tanks. This includes both gases that have to be handled and transported under pressure, as well as liquids at ambient temperature and pressure, and molten solids transported at high temperatures.

At the second level of the classification, three different types of liquid bulk cargo are identified:

- ✿ Oil products (code 13)
- ✿ Chemicals (code 14)
- ✿ Other liquid bulk goods (code 19)

Dry bulk

Dry bulk refers to unpackaged solid goods that can be handled and transhipped by grab, elevator, auger, or suction equipment.

At the second level of the classification, five types of dry bulk cargo are identified:

- ✿ Ores (code 21)
- ✿ Coal (code 22)
- ✿ Agricultural products (e.g. grain, soya, tapioca) (code 23)
- ✿ Construction materials (code 24)
- ✿ Other dry bulk goods (code 29)

The aim in distinguishing these categories is to identify cargo flows that require different types of ships, and different types of handling and storage equipment in the course of their waterway transport. These categories are not specifically defined in terms of detailed commodity classifications, but are intended as broad general descriptions of each type of cargo.

For example, scrap metal, when transported in bulk, should be included under code 21 and, similarly, coke under code 22.

Containers

This section of the type of cargo classification deals with containers which are moved between the vessel and the port by being lifted on or lifted off (Lo-Lo). This may involve the use of specialised equipment to attach to the fittings on the container to allow such movements. While this is most often carried out in highly specialised container terminals, simpler arrangements for such movements are possible in smaller ports. In either case, such container movements should be recorded as the containers type of cargo.

The detailed subheadings for containers divide the movements by size of container as follows:

- ✿ 20-foot freight units (code 31)
- ✿ 40-foot freight units (code 32)
- ✿ Freight units over 20-feet and under 40-feet in length (code 33)
- ✿ Freight units over 40-feet long (code 34)
- ✿ Swap bodies (code 39)

In order to be coherent with the classification used in dataset III1, containers smaller than 20 feet should be reported under code 31 and containers of unknown size should be reported under code 33.

However, what is clear from the breakdown within the containers type of cargo is that the commodity being carried is of no concern in the direct handling of the container. The container contents only become important in the handling process if they are hazardous or if, like refrigerated containers ("reefers"), they require a power supply. Once a product has been placed in a container, lifted on or off a vessel, the commodity inside is of no importance in the type of cargo classification. Even if the commodity inside is

known, Lo-Lo containers must only be recorded in containers and not as any other type of cargo. This may be important in the case of specialised containers. These are designed for different purposes, such as tank containers, reefers and containers suitable for carrying dry bulk goods. Some standard freight containers can be fitted with liners or internal bags, making them suitable for carrying other bulk goods. However, the movement of such “bulk” goods in containers does not mean that they should be included in either of liquid or dry bulk. They should still be included in containers.

It is important to emphasise that the containers type of cargo is meant to cover Lo-Lo movements only. When containers are moved by Ro-Ro vehicles onto or off a Ro-Ro vessel, they are not included in code 3. Such Ro-Ro movements are included at the appropriate sub-classes of codes 5 and 6.

Roll on Roll off (Ro-Ro) cargo

The critical feature of cargo for classification as “container cargo” or “Ro-Ro cargo” is the method by which the goods are moved between the quay and the ship. If the cargo is rolled on or off, it is Ro-Ro cargo (codes 5X and 6X). If it is in a container which is lifted on or off, it is Lo-Lo cargo, and should be included in container cargo (codes 3).

Roll on roll off self-propelled units

This section of the type of cargo classification deals with Roll-on roll-off (self-propelled) type of cargo. An alternative descriptive name for this type of cargo is “mobile self-propelled units”.

The second level of classification distinguishes the following categories:

- ✿ Road goods vehicles and accompanying trailers
- ✿ Passenger cars, motorcycles and accompanying trailers/caravans
- ✿ Passenger buses
- ✿ Trade vehicles (including import/export motor vehicles)
- ✿ Live animals on the hoof
- ✿ Other mobile self-propelled units

Roll on roll off non-self-propelled

This section of the type of cargo classification deals with roll-on roll-off non-self-propelled type of cargo. An alternative descriptive name for this type of cargo is “mobile non-self-propelled units”. The distinction between self-propelled and non-self-propelled Ro-Ro cargo is necessary because of the different handling requirements of these cargoes in ports.

For non-self-propelled units, manpower, towing equipment and storage areas within the port are all required in their handling. It is also an important distinction in analysing the pattern and trends of Ro-Ro cargo transport flows. One reason for sending cargo on an accompanied road goods vehicle is to ensure its speedy arrival at its destination. Road transport by accompanied road goods vehicle is generally quicker, with the driver able to facilitate processing through the ports. Where time is less important, the transport of non-self-propelled Ro-Ro units with no requirement for a driver to accompany the unit on its voyage is more cost effective.

The lower levels of the classification are:

- ✿ Unaccompanied road goods trailers and semi-trailers, including those carrying containers
- ✿ Unaccompanied caravans and other road, agricultural and industrial vehicles
- ✿ Rail wagons engaged in goods transport
- ✿ Vessel borne port-to-port trailers engaged in goods transport
- ✿ Other mobile non-self-propelled units

Other general cargo (including small containers)

This main category includes two distinct types of cargo, namely “semi-bulk” goods, and miscellaneous packaged general cargo. The difference between these types affects the speed and efficiency with which they can be loaded and discharged from ships, and therefore the turn-round times for the ship in port.

“Semi-bulk” goods are grouped or packaged into bundles or units of the order of 5 tonnes to 20 tonnes in weight (i.e. around the lifting capacity of general-purpose port cranes), which are transported as a vessel load or a hold-load. This unitisation can be either on large pallets, or be packaged sawn timber or coils of steel. Conventional packaged goods in drums or bags may be “pre-slung” in slings with similar lift weights. Rather than stevedores lifting packages into a sling or onto a pallet for each lift by a crane, the pre-slung goods are ready for immediate connection to the crane hook. Since the vessel load of cargo is “unitised” into similar single crane lift quantities, the loading and discharging operations can be carried out with greater speed and efficiency than miscellaneous general cargo.

At the second level of type of cargo classification in the Directive, there are three categories defined, namely:

- ◆ Forestry products (code 91)
- ◆ Iron and steel products (code 92)
- ◆ Other general cargo (code 99)

In many cases, goods in the first two groups tend to be carried in vessel loads at a time, packaged into large units of the order of 5 to 20 tonnes that enable more specialised handling and storage. This is not possible for conventional mixed packages of general cargo. Forestry products (code 91) is not identical to the products included in the Groups 1.5 (products of forestry and logging), 6.1 (products of wood and cork) and 6.2 (pulp, paper and paper products) in NST 2007 classification, as the type of cargo code 91 is meant only for “semi-bulk” goods. Similarly iron and steel products (code 92) only covers “semi-bulk” goods and not all iron and steel products contained in Group 10.1 (basic iron and steel products) and 10.3 (tubes, pipes etc.) of the NST 2007 classification of goods in transport.

Containers and freight units less than 20 feet in length should be included under other general cargo in code 99.

Example for Liquid bulk:

The code 19 should be used when the type of cargo is known, but it does not enter in one of the other categories 11, 12 or 13. The code 1X should be used when the type of cargo is partially unknown. The port knows it is Liquid Bulk, but does not have more details. The same principle applies to all other sub-classes of cargo in codes 2, 3, 5, 6 and 9.

Guide to classifying shipments by type of cargo

The table below indicates which type of cargo is appropriate for the type of product being carried in which vessel type. In each case, the simplified code is shown, followed in brackets by the detailed codes. For example, a shipment of potatoes being carried in a barge not self-propelled is most likely to be classified as a dry bulk cargo – 2X code – or as a dry bulk cargo carrying agricultural goods – 23 code. Crude petroleum carried in a self-propelled tanker barge will be classified as liquid bulk cargo – 1X code (or 13 code). Finally, basic iron and steel product carried in a seagoing vessel is classified as “other general cargo (including small containers)” – 9X code (or 92 code). In all cases where ship types 1, 2, 3 and 4 are involved, it would be expected that a substantial tonnage is involved in such bulk transport.

However, it is important to realise that these guidelines are not comprehensive but only indicative. Not all goods and all type of cargo are included in the correspondence table. On the one hand, the goods that can be transported by various types of cargo are excluded. On the other hand, some types of cargo

are excluded because they could transport a very wide range of goods (e.g. container traffic, seagoing traffic). Therefore, the correspondence table needs to be interpreted with caution and used only for indicative purposes. In the end, it shows the most likely types of cargo given the combination between type of goods and type of vessel.

Thus, a good deal of common sense needs to be applied when using this correlation table. For instance, not all construction materials will be transported as dry bulk, while some basic chemicals may also be transported as dry bulk.

NST 2007 product group	Ship type					
	1 Self-propelled barge	2 Barge not self-propelled	3 Self-propelled tanker barge	4 Tanker barge not self-propelled	5 Other goods carrying vessel	6 Seagoing vessel
01.1 Cereals	2X(23)	2X(23)				2X(23)
01.2 Potatoes	2X(23)	2X(23)				2X(23)
01.3 Sugar beet	2X(23)	2X(23)				2X(23)
01.5 Forest products	9X(91)	9X(91)				9X(91)
01.9 Other agricultural products	2X(23)	2X(23)				2X(23)
02.1 Coal and lignite	2X(21)	2X(21)			2X(21)	2X(21)
02.2 Crude petroleum			1X(13)	1X(13)	1X(13)	1X(13)
02.3 Natural gas			1X(13)	1X(13)	1X(13)	1X(13)
03.1 Iron ore	2X(22)	2X(22)			2X(22)	2X(22)
03.2 Non-ferrous metal ores	2X(22)	2X(22)			2X(22)	2X(22)
03.5 Stone, sand and gravel	2X(24)	2X(24)				2X(24)
03.6 Uranium ores	2X(22)	2X(22)			2X(22)	2X(22)
06.1 Wood and cork products	2X(24)	2X(24)				2X(24)
07.1 Coke oven products	2X(21)	2X(21)			2X(21)	2X(21)
07.2 Refined petroleum products			1X(13)	1X(13)	1X(13)	1X(13)
07.3 Gases			1X(13)	1X(13)	1X(13)	1X(13)
07.4 Solid refined petroleum products			1X(13)	1X(13)	1X(13)	1X(13)
08 Basic chemicals			1X(14)	1X(14)		1X(14)
09 Glass and glass products	2X(24)	2X(24)				2X(24)
10.1 Basic iron and steel products	9X(92)	9X(92)				9X(92)
10.2 Non-ferrous metal products	9X(92)	9X(92)				9X(92)
10.3 Tubes, pipes and fittings	9X(92)	9X(92)				9X(92)
10.4 Structural metal products	2X(24)	2X(24)				2X(24)
12.1 Automobile industry products	5X	5X			5X	5X
12.2 Other transport equipment	9X(99)	9X(99)			9X(99)	9X(99)

4.2.5 Types of vessel (Table II1)

Inland waterway vessel

A floating craft designed for the carriage of goods or public transport of passengers which navigates predominantly in navigable inland waterways or in waters within, or closely adjacent to sheltered waters or areas where port regulations apply (Art.3.b).

Self-propelled barges

Any powered inland waterways freight vessel, other than self-propelled tanker barges (Commission Regulation No 425/2007, Annex II, point II.1.).

Barge not self-propelled

Any unpowered inland waterways freight vessel, other than not self-propelled tanker barges. This category includes towed, pushed and pushed-towed barges (Commission Regulation No 425/2007, Annex II, point II.2.).

Self-propelled tanker barge

A self-propelled barge intended for the transport of liquids or gases in fixed tanks (Commission Regulation No 425/2007, Annex II, point II.3.).

Tanker barge not self-propelled

A barge not self-propelled intended for the transport of liquids or gases in fixed tanks (Commission Regulation No 425/2007, Annex II, point II.4.).

Other goods carrying vessel

Any other known or unknown kind of inland waterways freight vessel intended for carrying goods not defined in the previous categories (Commission Regulation No 425/2007, Annex II, point II.5.).

Seagoing vessel

A vessel other than those which navigate predominantly in navigable inland waterways or in waters within, or closely adjacent to, sheltered waters or areas where port regulations apply (Commission Regulation No 425/2007, Annex II, point II.6.).

4.2.6 Nationality of vessel (Tables II1, IV1 and IV2)

Every ship is entered in a registry (i.e. list) of ships. Registries are maintained by many countries, each having a set of rules regarding safety procedures, inspection schedules, manning numbers and nationalities for crew and officers, training requirements, etc. Ship-owners select which registry to use based on the balance between the relative cost implications of the rules of each registry and possible penalties from insurance assessments dependent on these rules.

4.2.7 TEU (Tables III1 and IV2)

A statistical unit based on an ISO container of 20-foot length (6.10 m) to provide a standardised measure of containers of various capacities and for describing the capacity of container ships or terminals. One 20 Foot ISO container equals 1 TEU ([EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, G-II.07](#)).

For the purposes of the Regulation, containers of sizes other than 20 Foot ISO are converted to TEU in the following way:

- ✿ One 40 Foot ISO container equals two 2 TEU.
- ✿ One container with a length between 20 and 40 foot equals 1.50 TEU.
- ✿ One container with a length of more than 40 foot equals 2.25 TEU.

4.2.8 TEU-Km (Tables III1 and IV2)

Unit for measuring the goods transport by containers equivalent to one TEU transported over a distance of one kilometre.

For the purpose of reporting the TEU-Km performance only the distance travelled on navigable inland waterways performed in the reporting country has to be taken into account (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.V-26).

4.2.9 Containers (Table III1)

Container

A freight container means an article of transport equipment (Commission Regulation No 425/2007, Annex II, point III.1.):

1. of a permanent nature and accordingly strong enough to be suitable for repeated use;
2. specially designed to facilitate the carriage of goods by one or more modes of transport, without intermediate reloading;
3. fitted with devices permitting its ready handling, particularly its transfer from one mode of transport to another;
4. so designed as to be easy to fill and empty;
5. having a length of 20 feet or more.

Size of containers

For the purpose of this Regulation the size of containers will be reported according to four categories (Commission Regulation No 425/2007, Annex II, point III.2.):

1. 20 Foot ISO containers (length of 20 feet and width of 8 feet)
2. 40 Foot ISO containers (length of 40 feet and width of 8 feet)
3. ISO containers over 20 feet and under 40 feet in length
4. ISO containers over 40 feet long

Containers smaller than 20 feet must be reported under Category 1.

Containers of unknown size must be reported under Category 3, as specifically agreed on the Inland Waterways Working Group Meeting held on February 2007.

Loading status of containers

Containers may have two loading status regardless of their size (Commission Regulation No 425/2007, Annex II, point III.3.):

- ✿ loaded, when any kind of goods is transported inside the container
- ✿ empty, when the container does not have any goods inside.

In the case of empty containers, when their real weight is unknown, the Inland Waterways Working Group agreed in April 2007, by Written Procedure, to apply the following tare weight according to the size of the empty containers:

Container size	Tare weight in Tonnes
20 foot ISO containers	2.3
40 foot ISO containers	3.7
ISO containers over 20 feet and under 40 feet in length	3.0

ISO containers over 40 feet long

4.7

4.2.10 Number of movements of vessels (Table I12)

Vessel movement

An Inland Waterways vessel movement occurs when it enters port to load and/or unload cargo. In a convoy, each unit is counted separately.

The timing of the entry into port is determined according to each port's normal procedures.

Vessel-kilometre

Unit of measurement representing the movement of an Inland Waterways vessel over one kilometre.

The distance taken into account is the distance actually run. Movements of unloaded vessels are included. In a convoy, each unit is counted separately (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.IV-07).

Loaded vessels

One movement of a loaded vessel is counted as the movement of a vessel from the port of loading of any kind of goods to the following port of loading or unloading (Commission Regulation No 425/2007, Annex II, point IV.1.).

Empty vessels

One movement of an empty vessel is counted as the movement of a vessel from one port to another for which the gross-gross weight of goods is nil. The movement of a vessel carrying empty containers is not considered as an empty vessel unloading (Commission Regulation No 425/2007, Annex II, point IV.2.)

4.2.11 Inland waterways accidents (Table A3)

Accident

Unwanted or unintended sudden event or a specific chain of such events which have harmful consequences (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.VI-01).

Inland waterway incident

An occurrence or event being caused by, or in connection with, the operations of an Inland Waterways vessel by which the Inland Waterways vessel or any person is imperilled, or as a result of which serious damage to the Inland Waterways vessel or structure or the environment might be caused (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.VI-14).

Inland waterways transport accident

An event that has resulted in any of the following:

1. The death of, or serious injury to, a person that is caused by, or in connection with, the operations of an IWT vessel; or
2. The loss of a person from an IWT vessel that is caused by, or in connection with, the operations of an IWT vessel; or
3. The loss, presumed loss or abandonment of an IWT vessel; or
4. Material damage to an IWT vessel; or
5. The stranding or disabling of an IWT vessel, or the involvement of an IWT vessel in a collision; or
6. Material damage to the inland waterways infrastructures external to a vessel; that could seriously endanger the safety of the vessel or another vessel or an individual; or
7. Damage to the environment brought about by the damage of an IWT vessel or IWT vessels being caused by, or in connection with, the operations of an IWT vessel or IWT vessels.

Any accident in connection with the normal operation of the vessel, including when it is in port or at anchor is covered.

Terrorist, other criminal acts and acts of war are excluded. By definition suicides are excluded as they are a deliberate act. Illness not related to operation of the ship is excluded (EUROSTAT-ITF-UNECE Glossary for Transport Statistics 5th edition, C.VI-02).

Inland waterways accidents involving the transport of dangerous goods: inland waterways accident involving a vessel carrying any of the classes of dangerous goods defined by the ADN classification.

4.2.12 Ports (Table A4)

Port

A port is a place having facilities for vessels to moor and to load and/or unload cargo or to disembark and/or embark passengers to and from vessels, usually directly to a pier.

In relation to the collection of European inland waterways transport statistics, a port is the start or finish point of journeys that link it to other ports.

Statistical port

A statistical port consists of one or more ports, normally controlled by a single port authority able to record ship, passenger and cargo movements. In practice, statistical ports may include several places suitable for shipping.

Port of loading

The port of loading is the port in which the cargo was loaded into the ship in which it arrived in the unloading port.

Port of unloading

The port of unloading is the port in which the cargo is to be unloaded from the ship in which it left the loading port.

5 METHODOLOGICAL CLARIFICATIONS

This paragraph provides methodological clarifications to questions raised by Eurostat, DG MOVE, NSIs or other users.

5.1 Eurostat interpretation of legal definitions

The legal basis clearly indicates that the type of vessel used is one of the key elements for selecting the traffic to report. In particular if a seagoing vessel is used, the transportation has to be reported only if the traffic is performed wholly in navigable inland waterways.

In other words:

- ✿ If an inland waterways vessel, including fluvio-maritime vessels, makes a journey partly at sea, it should be reported in inland waterways statistics.
- ✿ If a seagoing vessel makes a journey entirely on navigable inland waterways, it should be reported in inland waterways statistics
- ✿ If a seagoing vessel makes a journey partly on navigable inland waterways, it should be reported in maritime statistics.
- ✿ If an inland waterways vessel, including fluvio-maritime vessels, makes a journey entirely at sea, it is not covered by the definitions.

5.2 Fluvio-maritime transport

During Maritime Working Group meeting on 21-22 May 2014, Eurostat presented recommendation about how fluvio-maritime should be reported, whether in inland waterways or maritime, or both. This

recommendation was agreed by the Maritime Working Group and should be applied for the maritime data collection (and is already applied by most of countries).

The recommendation is:

1. All fluvio-maritime transport should be reported in the maritime transport statistics (as required by Directive 2009/42).
2. Fluvio-maritime transport should also be reported in the inland waterways statistics by the country in which the inland waterways part of the journey is undertaken (as required by Regulation 425/2007).

These recommendations were discussed in the meeting of the Working Group on Inland Waterways Transport Statistics on 5-6 September 2015. A number of objections were raised to the proposal as it stood and Eurostat agreed to reconsider and redraft the proposal to take account of the views expressed.

Eurostat's latest recommendations are as follows:

- ✿ Fluvio-maritime transport performed by an IWW vessel should be reported in the IWW statistics and not in the maritime statistics
- ✿ Fluvio-maritime transport performed by a seagoing vessel should be reported in the maritime transport statistics and not in the IWW statistics
- ✿ If type of vessel information is unavailable in the source data, related information (such as port of loading/ unloading) could be used to determine whether the fluvio-maritime transport is likely to be carried out by IWW or seagoing vessels
- ✿ If necessary, in order to compile relevant and coherent IWW statistics at national level, specific cases of fluvio-maritime transport performed by seagoing vessels could be included in both the maritime and the IWW data reported to Eurostat. However, any such deviations from the main recommendations in points 1 and 2 should be clearly communicated to Eurostat in order to be specified in the metadata of the IWW statistics

5.3 Movements of building materials by Inland Waterways

Sweden has raised a query about treatment of the movements of building materials (e.g. sand, gravel and aggregates) within a port for the construction of a new port facility. While the port in question is a maritime port, it is clear that this is not maritime transport as the goods never leave the port. That raises an interesting set of methodological issues about whether this is Inland Waterways transport. This then raised a second issue about the movement of building materials by Inland Waterways. There were two aspects

- ✿ The construction and/or repair of major Inland Waterways' facilities and
- ✿ The extraction of building materials from the river bed for commercial purposes.

On the question of movements within a port/harbour, it was agreed that while there were some arguments for including them in Inland Waterways transport, it would be difficult to define what was within scope and what was not. On this basis, such transport should be excluded from Inland Waterways statistics.

On the second issue, movements of construction materials to Inland Waterways construction sites and river bed extraction sites, there was agreement that this transport should be included. The main justification being that if such transport were conducted by road, it would certainly be included in road freight transport statistics. Consequently, in order to give a proper picture of modal split of freight transport, it was essential to include such movements in Inland Waterways statistics.

Eurostat's recommendations are:

- ✿ Movements of construction materials within ports for port construction projects should not be included in Inland Waterways statistics.

- ✿ Movements of construction materials by Inland Waterways from a port to major Inland Waterways transport construction projects should be included in Inland Waterways statistics.
- ✿ Movements of construction materials from an extraction site on a river bed to a port, where the activity is conducted on a commercial basis, should be included in Inland Waterways statistics.

5.4 Transport with nuclear power plant site

Bulgaria raised a question about the inclusion of transport of goods, between the port Belene and the Kozloduy Nuclear Power Plant site (landing), which are part of technological operation, according to the integrated plan for transportation of spent nuclear fuel.

Eurostat's recommendation is:

- ✿ According to the definition of inland waterways transport, this kind of transport should be included in Inland Waterways statistics even if the destination of the goods is not an actual port.

6 DATA TRANSMISSION

6.1 Deadlines for transmission of results

In the framework of Regulation (EU) 2018/974, Member States have to transmit their data as soon as possible and not later than five months after the end of the relevant period of observation.

For annual datasets (Mandatory: I1, II1, III; Voluntary: A2, A3, A4, A5, II2, Simplified: V1), the deadline is end of May of the year after the reference year (e.g. 2021 data to be provided by end of May 2022).

For quarterly datasets (IV1 and IV2), the deadlines are the following:

Quarter of year Y	Deadline
1st	August of Year Y
2nd	November of Year Y
3rd	February of Year Y+1
4th	May of Year Y+1

6.2 Description of the data files

The transmission format to be used has to be compatible with an automatic transmission of data (EDI approach).

The "CSV" (Comma Separated Values) format with semicolon (;) as field separator is acceptable.

Another more advanced format based on an appropriate interchange standard could also be specified by Eurostat. Eurostat would then make available detailed documentation on how to implement this standard according to the requirements of this Regulation.

One separate file by table of the Regulation and period has to be sent.

The following file naming convention is required:

« IWW_Table_Frequency_Country_Year_Period_Version.format » where:

IWW	For Inland Waterways data
Table	"A1", "A2", "A3", "A4", "A5", "B1", "B2", "C1", "D1", "D2" or "E1"
Frequency	"A" for Annual "Q" for Quarterly
Country	Reporting country : use NUTS0
Year	Year of the data on 4 positions (e.g. 2007)
Period	"0000" for Annual "0001" for the first quarter "0002" for the second quarter "0003" for the third quarter "0004" for the fourth quarter
Version	Alphanumeric values to use: V0001, V0002, V0003, ...V0009, V0010, V0011, ... etc.
format	File format: (e.g. "CSV" for Comma Separated Value, "TXT" for Text file)

Example:

The file « IWW_D1_Q_FR_2007_0002_V0002.csv » is the data file that contains for France, 2nd version of data for table IV1 of the Regulation, for the year 2007, second quarter.

The following table gives for each dataset the list of fields to be provided, in which order (column Pos.=Position) and in which format (column format and size: numeric vs alphanumeric).

Pos.	Elements	Format and size	Table											
			I1	A2*	A3*	A4*	A5*	II1	II2*	III1	IV1	IV2	V1	
Dimensions														
1	Table number	an2	M	M	M	M	M	M	M	M	M	M	M	
2	Reporting country	a2	M	M	M	M	M	M	M	M	M	M	M	
3	Year	n4	M	M	M	M	M	M	M	M	M	M	M	
4	Quarter	n2									M	M		
5	Country/region of loading	an4	M					M		M				
6	Country/region of unloading	an4	M					M		M				
7	Port of loading	an5				M								
8	Port of unloading	an5				M								
9	Type of transport	n1	M	M			M	M	M	M	M	M	M	
10	Size of containers	n1								M				
11	Type of goods	n2 or n3	M ¹				M ¹			M ²			M ¹	
12	Type of dangerous goods	n2		M										
13	Type of cargo	n2					M							
14	Type of packaging	n1	M											
15	Type of vessel	n1						M						
16	Nationality of vessel	a2						M			M	M		
17	Loading status	n1								M		M		
Values														
18	Tonnes transported	n..12	M	M		M	M	M		M	M	M	M	
19	Tonnes-Km	n..18	M	M			M	M		M	M	M	M	
20	Number of movements of loaded vessels	n..12							M					
21	Number of movements of empty vessels	n..12							M					
22	Vessel-Km (loaded vessels)	n..18							M					
23	Vessel-Km (empty vessels)	n..18							M					
24	TEU	n..12								M		M		
25	TEU-Km	n..18								M		M		
26	Total number of accidents	n..12			M									
27	Number of accidents involving	n..12			M									

* Voluntary and optional datasets

1: to be provided at 2-digit level or at 3-digit level on voluntary basis

2: to be provided at 2-digit level

Fields 1 to 17 include information on the data or metadata

Fields 18 to 27 include the data (statistical variable)

There are two types of fields:

- ✿ M: fields that have to be provided for a table (the first 3 fields are mandatory for all datasets)
- ✿ ""(blank): fields not relevant for the table (should not be provided).

The format of each field is either numeric (n) or alphabetic (a) or alphanumeric (an). The size is either fixed ('format +number'—e.g.: 'n4') or variable with a maximum number of positions ('format' + '..'+ maximum number of positions —e.g.: 'n..12').

Example for dataset I1:

The following record

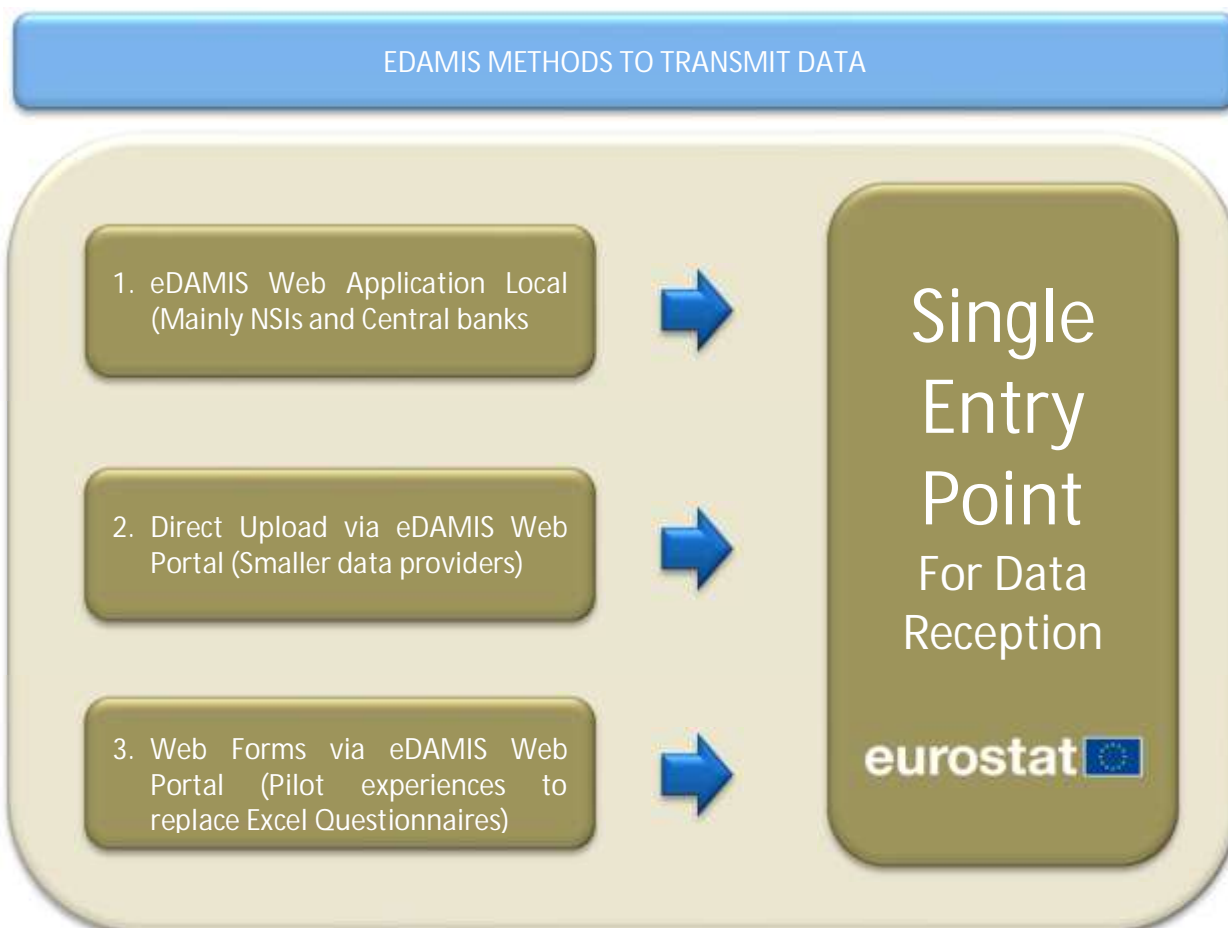
Table number	A1
Reporting country	FR
Year	2007
Country/region of loading	FR01
Country/region of unloading	FR02
Type of transport	1
Type of goods	01
Type of packaging	2
Tonnes transported	1250
Tonnes-Km	5000

Should be transmitted as follows:

A1;FR;2007;FR01;FR02;1;01;2;1250;5000

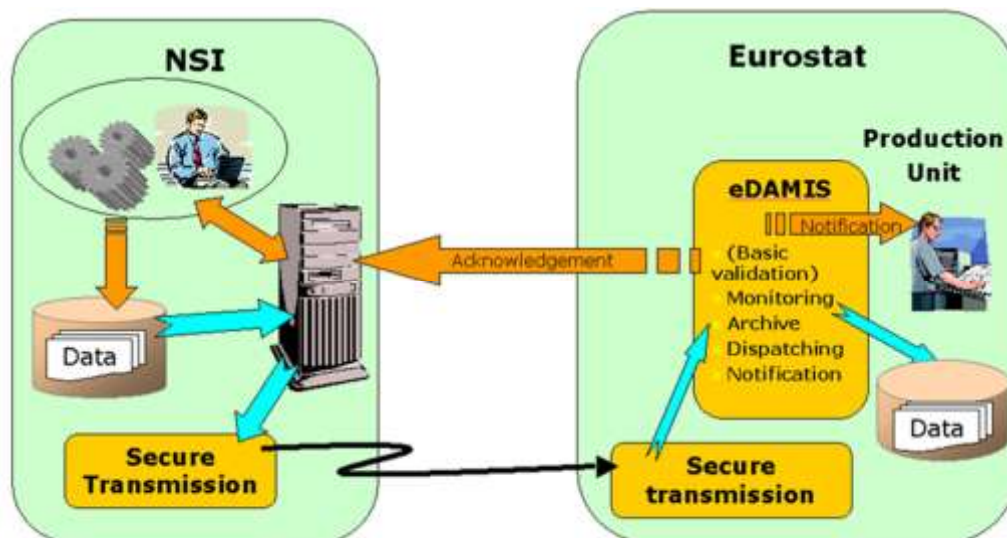
6.3 Transmission using eDAMIS

eDAMIS (electronic Data files Administration and Management Information System) offers standard solutions for collecting data files in the European Statistical System. eDAMIS implements the Single Entry Point policy of Eurostat. The data transfer using eDAMIS is mandatory since 2008.

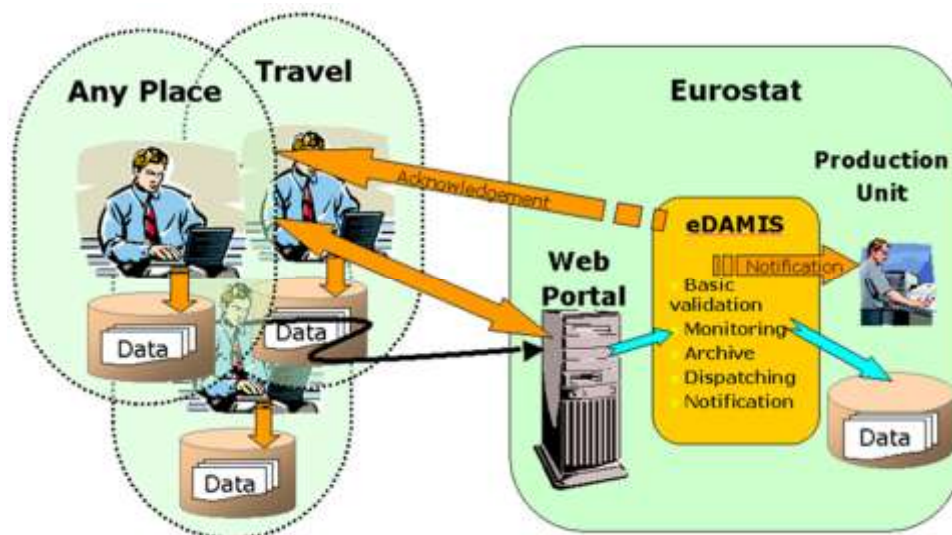


Its usage is simple: the tool can be either installed on the PC of the National Statistical Institute or the web application can be used (no installation is needed on the user's PC in this last case). The two methods of usage of the tool are detailed in the following diagrams.

Method 1: eDAMIS Web Application (eWA)
(Local installation in NSI)



Method 2: eDAMIS Web Portal (eWP)



The eDAMIS application environment also has the following characteristics:

- ◆ It provides adapted solutions to several needs and users profiles (National Statistical Institutes as well as other organisations)
- ◆ It facilitates fully automated data transmissions
- ◆ It guarantees secure transmissions
- ◆ It offers value added services such as traffic monitoring, acknowledgements, reminders ...

Single User-ID for all services

The other main advantage of the eDAMIS tool is that the ECAS user-id/password can be used to access the application.

In order to get an ECAS user-id/password, a user only needs to go to eDAMIS Web Portal (<https://webgate.ec.europa.eu/edamis4>) and click on the "ECAS authentication" button. Once on the ECAS website, the user should click on "Not registered yet" and fill the form.

eDAMIS – the Validation Engine (eVE)

All the following information, necessary for data validation, is included in the eDAMIS application:

- ✿ Description of the structure of the datasets, including the type and size of each field
- ✿ Updated versions of reference code lists (or links towards code lists)
- ✿ Updated validation rules
- ✿ Information on problems leading to an error or a warning.

eDAMIS performs data validation for structured flat files (CSV: Comma Separated Values), GESMES files (except "compact GESMES") and SDMX-ML files. The following list presents the various checks that can be performed by the tool:

- ✿ Basic intra-record controls and checking of duplicate keys between records
- ✿ The main intra-record controls are:
 1. Valid field separator (accepted field separators: ";" (semicolon), "," (comma), ":" (colon), "+" (plus), tab) and count of the number of fields
 2. Consistency between the identification envelope and the content of the file. If present in the data file, the following fields will be controlled against the identification envelope:
 - ◆ the dataset ID
 - ◆ the country code
 - ◆ the year
 - ◆ the period
- ✿ Presence of characters in mandatory fields
- ✿ Type and size (e.g. AN(2..5) for alphanumeric 2 to 5 characters)
- ✿ Availability of a code in a code list
- ✿ Some basic validation rules (simple mathematical expressions evaluation)

More information

The following points provide some links to information about eDAMIS

- ✿ eDAMIS Web Portal (eWP) is accessible at <https://webgate.ec.europa.eu/edamis>
- ✿ "eDAMIS Help Centre" is accessible on eDAMIS Web Portal by clicking on the link "eDAMIS Help Centre"
- ✿ eDAMIS Web Application (for National Statistical Institute): the Local Coordinator in each country should be contacted (list on eDAMIS Help Centre, section "contacts")
- ✿ Eurostat Support can be contacted at the following address: estat-support-edamis@ec.europa.eu

PART II: NATIONAL METHODOLOGIES

The Commission submitted a report to the European Parliament and the Council on the implementation of this Regulation by 15 October 2009 and after consulting the Statistical Programme Committee containing:

- ✿ Assessment of the benefits accruing to the Community, the Member States and the providers and users of statistical information of the statistics produced, in relation to their costs;
- ✿ Assessment of the quality of the statistics produced; identify areas for potential improvement and any amendments considered necessary in the light of the results obtained.

In order to prepare this report, Eurostat sent a questionnaire in 2009 to collect information on the methodologies applied at national level for the inland waterways data collection. The results are presented below.

Some countries updated this information within the yearly update process of the reference manual.

The questionnaire was divided into five sections covering:

- 1 General information
- 2 Data sources
- 3 Information on data compilation, validation and delivery practices
- 4 Data dissemination
- 5 Assessment of the implementation of the Regulation and proposals for improvement

The paragraphs below present the replies received from the Member States.

Please note that parts in italic have been translated.

1 GENERAL INFORMATION

1.1	Competent National Authority (CNA) identification
	Please insert here the name of the national institution responsible for reporting to Eurostat the data requested by the Inland Waterways statistics Regulation.
Belgium	FPS Economy - Directorate-general Statistics Belgium http://statbel.fgov.be
Bulgaria	National Statistical Institute(NSI) and Executive Agency „Maritime Administration” as authorized organ of NSI
Czech Republic	Ministry of Transport, Czech Republic
Germany	Statistisches Bundesamt (Destatis), Deutschland
France	Voies Navigables de France
Croatia	Croatian Bureau of Statistics
Lithuania	
Luxembourg	STATEC 13, rue Erasme (Boite postale 304, L-2013 LUXEMBOURG) L-1468 LUXEMBOURG
Hungary	Hungarian Central Statistical Office (HCSO)
Netherlands	Centrale Bureau voor de Statistiek (CBS)
Austria	STATISTICS AUSTRIA Directorate Business Statistics Transport Statistics Guglgasse 13 A-1110 Vienna, AUSTRIA
Poland	Statistical Office in Szczecin UI Matejki 22 70-530 Szczecin Poland
Romania	National Institute of Statistics (NIS), Bucharest, Romania, www.insse.ro
Slovakia	STATISTICAL OFFICE OF THE SLOVAK REPUBLIC Miletičova 3 824 67 Bratislava SLOVAKIA
Finland	
United Kingdom	Department for Transport

2 DATA SOURCES

2.1	Data suppliers to the CNA
	Please list the bodies that supply the data to the CNA (e.g. ports authorities, surveys, check points, etc). If different bodies provide data for different datasets, please provide the exact split.
Belgium	<p>Suppliers of the data:</p> <p>The inland waterway administrators:</p> <p>“Service Public de Wallonie” for the Walloon Region</p> <p>Waterwegen en Zeekanaal NV for a part of the Flemish Region</p> <p>Nv De Scheepvaart of the other part (Limburg) of the Flemish Region</p> <p>Port of Brussels</p> <p>Port of Ghent</p> <p>The data are completed with data from CBS Netherlands.</p> <p>There is no difference in suppliers between the datasets.</p>
Bulgaria	Port activity data – Port cargo operators collect and record data in River ports activity’s database for every registered port terminal. Aggregated on statistical port level data are collected by EA “Marine administration” in Sofia and transmitted to Eurostat through NSI.
Czech Republic	The data are received from IWW ports and IWW operators
Germany	<i>All data are reported by the harbours to the federal statistical offices which provide this information to the Statistischen Bundesamt (NSI). Transit data through Germany are directly reported from the lock in Iffezheim and from the Bundesamt for Wasserwirtschaft (BAW) to the Statistischen Bundesamt (NSI).</i>
France	<p>French Network except Rhine (Skipper)</p> <p>Rhine (French Harbour of Rhine, border lock)</p>
Croatia	<p>Harbour master’s offices of 4 inland waterway ports (Osijek, Vukovar, Slavonski Brod, Sisak).</p> <p>Hungarian Central Statistical Office - annual data on transit transport.</p> <p>Ministry of Maritime affairs, transport and infrastructure – data on accidents.</p>
Lithuania	
Luxembourg	<p><i>Navigation service</i></p> <p><i>Alert and information group of dam-lock of Grevenmacher</i></p>
Hungary	<p>– Customs office of Mohács – transit traffic, direct data supplier (Mohács is in the south border of the Danube).</p> <p>- The data owner is the Ministry of National Development, but since 2014 HCSO has done the data collection and processing</p> <p>– Shipping firms.</p>
Netherlands	Data suppliers is the infrastructural manager for waterways; Rijkswaterstaat
Austria	<p>Ports authorities for international transport and inland transport</p> <p>Lock authority at Ottensheim, Lower Austria, for transit transport</p>

Poland	<ul style="list-style-type: none"> - Statistical survey <p>The data are gathering from companies dealing with inland waterway transport of goods. The data suppliers are using both paper or electronic form</p> <ul style="list-style-type: none"> - Information from Germany concerning movement of foreign vessels sailing into or sailing out to German waterways, crossing one of three locks. - Data on accidents on Polish inland waterways are provided by Inland Navigation Offices.
Romania	<ul style="list-style-type: none"> - Quarterly statistical survey "TR2-E Inland Waterways Transport", based on a census, carried out by the National Institute of Statistics. Data are provided as .xls files via e-mail. - Data suppliers: <ul style="list-style-type: none"> a) IWW national and international transport and traffic of vessels data are supplied by Ports Authorities and Local Administrations (for two ports under local authorities' management). b) IWW transit and related traffic of vessels data are supplied by Regional Harbour Masters. c) Data on accidents are provided by the Ministry of Transport and Infrastructure and Romanian Naval Authority.
Slovakia	<p>Organisations (Enterprises + Licenses) – national transport, export, import, transit – Slovak operators</p> <p>Ports – export, import – foreign operators</p> <p>Statistics Austria – transit – foreign operators</p>
Finland	
United Kingdom	Barge operators, UK major and minor ports and shipping agents

2.2	Data supplier's information sources
	Please list the original information sources used by the data suppliers (e.g. register of movements, shipping documents, etc). If different sources are used for different dataset, please provide the exact split.
Belgium	<p>The STA-messages, which are based on the xml-messages from the River Information Services (RIS) and completed with some specific statistical information.</p> <p>There is no difference in sources between the datasets.</p>
Bulgaria	<p>The original source of information are shipping documents including:</p> <ul style="list-style-type: none"> Ships master declarations Cargo manifests Loading/unloading orders Ships parameter registration
Czech Republic	Data are based on shipping documents
Germany	<i>Skippers of shipping agents have to declare all loading and unloading operations in German ports. These declarations are done at the port authorities either in completing questionnaires (register forms) or electronically.</i>

France	1) French network (Loading declaration) 2) Rhine (files of data)
Croatia	Monthly statistical survey "Report on arrival of vessel into IWW Ports and Report on departure of vessel from IWW Ports"
Lithuania	
Luxembourg	<i>Declaration for the collection of tolls on the Moselle</i>
Hungary	- transit traffic (Customs office of Mohács) – shipping documents - national and international traffic (Ports) – shipping documents
Netherlands	Rijkswaterstaat uses calls at locks where a shipper gives all the information. Shippers can also send the data electronically to the infra manager.
Austria	Statistical reporting form filled in by skippers
Poland	- Shipping documents - Registers of national ship-owners and vessels, registers of accidents on inland waterways maintained by national Inland Navigation Offices - Ports authorities databases (information from Germany)
Romania	The original information sources are, as follows: <ul style="list-style-type: none"> - Shipping documents - VTMISS on Romanian Danube database - Ports Authorities and Regional Harbour Masters databases
Slovakia	Data are collected according to journey (all indicators) from organisations and ports. Data from Statistics Austria are collected according to country of vessels only.
Finland	
United Kingdom	We collate data from barge operators using an annual in-house survey. Fluvio-maritime data is collected from ports and agents by a data collection contractor. The data is presumably copied from their administration records.

2.3	RIS (River Information Service)				
2.3.1	Is a RIS or other similar system used (or planned to be used) for collecting data requested by the regulation? <table border="1" style="margin-left: 20px;"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	YES				

Czech Republic	YES
Germany	NO
France	NO
Croatia	YES
Lithuania	
Luxembourg	NO
Hungary	NO
Netherlands	YES
Austria	YES
Poland	YES
Romania	YES
Slovakia	YES
Finland	
United Kingdom	NO (The UK does not have a RIS or similar system as an island nation we have no inland waterways that running between two or more member states and are therefore exempt from this requirement.)
2.3.2	If you answer "Yes" to the previous question, please explain how you are exploiting the system.
Belgium	The waterway administrators send us STA-messages, based on the xml-messages from the RIS. The STA-messages are based on the xml-messages from the RIS and completed with some specific statistical information.
Bulgaria	<i>Data collection is realised through Statistical informational system, which is functioning on 3 levels (cargo operator, regional level and national level). Interface with BULRIS (Bulgarian River Informational System) is planned after development of the system (after year 2013).</i>
Czech Republic	Implementation of RIS has already started. RIS includes all the information on commercial vessels movement on the territory of the Czech Republic. It is expected for the future to use this system also for statistical purposes.
Germany	N/A
France	N/A
Croatia	CBS is planning and would like to use RIS and electronic data source in the future.
Lithuania	
Luxembourg	N/A
Hungary	N/A

Netherlands	The Dutch IVS system already implements parts of RIS. This IVS system is used on locks and bridges where information on ship and goods is collected. CBS is allowed to use those data and it covers the majority of journeys nationally and practically all journeys internationally.				
Austria	<p>Using of RIS is planned and in principle we would appreciate the use of electronic data sources. Unfortunately the Commission Regulation (EU) No 164/2010 is inconsistent in parts of its data specification to the Regulation 1365/2007.</p> <p>Commission Regulation (EU) No 164/2010 of 25 January 2010 on the technical specifications for electronic ship reporting in inland navigation referred to in Article 5 of Directive 2005/44/EC of the European Parliament and of the Council on harmonised river information services (RIS) on inland waterways in the Community.</p> <p>Examples for inconsistencies:</p> <ul style="list-style-type: none"> • NST2000 – NST2007 • Container sizes 				
Poland	RIS system is planned to be used in accordance with the requirements of the act amending the act on Inland Navigation.				
Romania	National Institute of Statistics is planning to use the information provided by RoRIS – Romanian River Information Service as soon as the system is implemented.				
Slovakia	All data will be taking from RIS. In all countries which are participating country in Danube Commission is planed RIS.				
Finland					
United Kingdom	N/A				
2.4.1	<p>Are all data suppliers able to directly provide the information on "Country/region of loading /unloading" requested by the regulation?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	NO				
Bulgaria	YES				
Czech Republic	YES				
Germany	YES				
France	NO				
Croatia	YES				
Lithuania					
Luxembourg	YES				
Hungary	YES				
Netherlands	NO				

Austria	YES
Poland	YES
Romania	NO
Slovakia	YES
Finland	
United Kingdom	N/A
2.4.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.
Belgium	We receive the UN/LOCODE and transform them to the NUTS2-codes.
Bulgaria	N/A
Czech Republic	N/A
Germany	N/A
France	<i>Capture and processing of information according to the label of the dock indicated by the source (code attached to a quay area and a country)</i>
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	It is deduced by using place of loading and unloading
Austria	N/A
Poland	N/A
Romania	Our respondents provide us with the statistical information on port of loading and port of unloading (name of the port or UN/LOCODE). The conversion of UN/LOCODES into Country/Region of loading/unloading NUTS2 level codes, respectively ISO codes for partner countries is performed by the application designed for processing data collected and compiling statistics.
Slovakia	N/A
Finland	
United Kingdom	N/A

2.5	Type of transport (National, International, Transit) - All datasets				
2.5.1	<p>Are all data suppliers able to directly provide the information on "type of transport" requested by the regulation?</p> <table border="1" data-bbox="352 353 683 488"> <tr> <td data-bbox="352 353 512 421">Yes</td> <td data-bbox="512 353 683 421"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="352 421 512 488">No</td> <td data-bbox="512 421 683 488"><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	NO				
Bulgaria	<p>YES</p> <p><i>Remark: Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied</i></p>				
Czech Republic	YES				
Germany	YES				
France	NO				
Croatia	NO				
Lithuania					
Luxembourg	YES				
Hungary	YES				
Netherlands	YES				
Austria	YES				
Poland	YES				
Romania	NO				
Slovakia	YES				
Finland					
United Kingdom	YES				
2.5.2	<p>If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.</p>				
Belgium	<p>We deduce the type of transport from the UN/LOCODE: BExxx- BExxx is national, ZZxxx-ZZxxx is transit and BExxx-ZZxxx or ZZxxx-BExxx is international.</p>				
Bulgaria	N/A				
Czech Republic	N/A				
Germany	N/A				

France	<i>Loading quay and unloading quay give the type of transport.</i>
Croatia	Current data suppliers are not able to provide information on transit transport.
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	N/A
Austria	N/A
Poland	N/A
Romania	Our respondents supply the statistical information on port of loading and port of unloading, respectively name of the port or UN/LOCODE. The dimension 'type of transport' as national, international (except transit) and transit is compiled based on names of ports or UN/LOCODES pairs provided.
Slovakia	N/A
Finland	
United Kingdom	N/A
2.5.3	If you have specific problems in reporting "transit traffic", please provide details.
Belgium	N/A
Bulgaria	<p>An official procedure and a responsible person are foreseen in Bulgarian legislation in terms of data collection of transit vessels traffic. But the implementation of the procedure is frozen because of the impossibility of data provision in line with the requirements by the regulation. According a regional agreement concerning the radiotelephone service on IWW (from April 2000) a message should be transmitted only and exclusively if connected with person's safety or with movements and the security of vessels.</p> <p>By now (and until BULRIS enters into force) the only way of communication with transit vessels (vessel->port administration) remains radio receiving by ultra-short waves. But this way of communication counters to the national requirements for data confidentiality.</p>
Czech Republic	There is no IWW transit traffic in the Czech Republic.
Germany	<i>See 2.1.1.</i>
France	<i>In France the transit traffic takes place only on the Rhine (outside of Rhine is unusual).The transit traffic evaluated in France for the Rhine is underestimated. Due to the geographic configuration of Rhine, the whole traffic could not be evaluated.</i>
Croatia	Since it is still not possible to collect data on transit transport in Croatia, bilateral cooperation with Hungary was established in order to obtain annual data on transit transport. At the moment we are working on obtaining quarterly data on transit transport.
Lithuania	
Luxembourg	N/A

Hungary	We have no problem, because we have a good solution. Our method is the following: at the south border of the Danube (Mohács), – where all incoming and outgoing vessels must stop– the customs officers record the transport data of the transit vessels and send them to us.
Netherlands	The IVS system does not report all ships entering or leaving the Netherlands in Lobith. Transit through Lobith is hence not fully covered. CBS is talking with the relevant Dutch authorities to seek a solution.
Austria	<p>Since the EU Eastern Enlargement (May 2004) Austria lost the customs office which collected data concerning transit traffic officially. The national regulation had therefore to be adapted. The new regulation foresees a report at the lock "Ottensheim" in Lower Austria. Unfortunately data concerning transit traffic cannot be collected from all relevant ships because ships performing transit transports cannot perfectly be differentiated from others. Furthermore there is hardly any possibility to enforce complete reporting.</p> <p>Nevertheless Statistics Austria makes great efforts to complete transit data and has developed an imputation and extrapolation procedure to meet these problems.</p>
Poland	For the reason that IWT enterprises (not port authorities) are the data providers, there is a shortage of data for foreign IWT vessels on Polish inland waterways (including transit data). Foreign IWT vessels operators aren't covered by reporting duties under an Act of Official Statistics.
Romania	<p>Romania has reported partial IWW transit transport data for 2007 and 2008 reference years collected by Ports Authorities from vessels entering ports for purposes different than loading / unloading goods.</p> <p>Since 2009 Regional Harbour Masters have started to provide us with quantitative and qualitative transit transport data.</p> <p>In June 2009 a Supplementary Agreement between the National Statistical Institute of Bulgaria and the National Institute of Statistics of Romania was signed setting the co-operation in the field, i.e. the mutually transmission of IWW transport data equivalent to transit transport on the common part of the Danube River.</p>
Slovakia	The data for transit foreign operators we are taking from Statistics Austria
Finland	
United Kingdom	N/A

2.6	Type and nationality of vessel - Datasets B1, D1 and D2				
2.6.1	<p>Are all data suppliers able to directly provide the information on "type and nationality of vessel" requested by the regulation?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	<p>YES</p> <p>Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.</p>				
Czech Republic	YES				

Germany	YES
France	NO
Croatia	YES
Lithuania	
Luxembourg	YES
Hungary	YES
Netherlands	YES
Austria	YES
Poland	YES
Romania	YES
Slovakia	YES
Finland	
United Kingdom	N/A
2.6.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.
Belgium	The data suppliers directly provide us the vessel information, but when missing, we complete this information with the information from our national ship register (from the FPS Mobility and Transport.
Bulgaria	N/A
Czech Republic	N/A
Germany	N/A
France	<i>It is the case of the sea vessels that are not identified in our database and river vessels with unknown origin. These vessels are codified as « unknown territory »</i>
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	N/A
Austria	N/A
Poland	N/A
Romania	N/A

Slovakia	N/A				
Finland					
United Kingdom	N/A				
2.6.3	<p>Are national ships, concerned by the regulation, registered in a national register?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	YES				
Czech Republic	YES				
Germany	YES				
France	YES (The Ministry of transport manage this register, VNF is not responsible of this register)				
Croatia	YES				
Lithuania					
Luxembourg	<p>YES</p> <p><i>The cargo vessels operating under flags of Luxembourg and navigating on the Moselle are listed in the same database of service navigation used to produce the data required by Regulation No. 1365/2006 of September 6, 2006.</i></p> <p><i>All the vessels operating under the Luxembourg flag are registered in a national register kept by the administration and registration areas.</i></p>				
Hungary	YES				
Netherlands	NO				
Austria	NO				
Poland	YES				
Romania	YES				
Slovakia	YES				
Finland					
United Kingdom	YES - Maritime vessels are registered on the UK Ship Register by the Maritime and Coastguard Agency (MCA). The Commercial Boat Operators Association (CBOA) has 32 cargo-carrying members.				

2.7	Vessel-Km and vessels movements (loaded or empty vessels) - Dataset B2				
2.7.1	<p>Are all data suppliers able to directly provide the information on "vessel-Km and vessel movements" requested by the regulation?</p> <table border="1" data-bbox="347 353 683 488"> <tr> <td data-bbox="347 353 512 416">Yes</td> <td data-bbox="517 353 683 416"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="347 423 512 488">No</td> <td data-bbox="517 423 683 488"><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	NO				
Bulgaria	<p>YES</p> <p>Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.</p>				
Czech Republic	YES				
Germany	NO				
France	NO				
Croatia	NO				
Lithuania					
Luxembourg	YES				
Hungary	NO				
Netherlands	NO				
Austria	NO				
Poland	NO				
Romania	NO				
Slovakia	YES				
Finland					
United Kingdom	N/A				
2.7.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.				
Belgium	We receive the individual movements/journeys from the ships, so movement of one ship x Km => vessel-Km.				
Bulgaria	N/A				
Czech Republic	N/A				

Germany	<i>At the moment Germany is not able to provide information on ship-Km and ship movements (traffic). These details are voluntary according to the EU-Regulation in force. On the basis of January 2009 data it will be checked if these two information could be provided in sufficient quality.</i>
France	<i>No good solution at the present time, empty vessels could not be identified on the whole network (geographic configuration of France is too complex).</i>
Croatia	Data on vessel-Km and vessel movements are not delivered to Eurostat. In the current survey distance travelled for empty vessels is not available so it is not possible to calculate vessel-Km.
Lithuania	
Luxembourg	N/A
Hungary	We have no information about the unloaded vessels in national and international (except for the transit) traffic. We receive the vessel-Km data of loaded vessels from the ports in a questionnaire. HCSO collects the transit data in a questionnaire filled in by the Customs Office of Mohács. We receive and accumulate the transit data and so the transit vessels as well and multiply the number of transit vessels with 379 Km, the total length of the Hungarian part of the Danube.
Netherlands	The data on ship-Km and movements are voluntary and we don't have the possibility to give data of sufficient quality. We don't plan to have this data in the near future.
Austria	This information is not included in the national regulation as the data provision is optional.
Poland	For the reason that Poland is collecting the data from IWT entities, not from ports authorities, we are not able to identify empty vessel movements currently.
Romania	The respondents of the survey provide us with information related to vessels and distance travelled on navigable inland waterways needed for calculation of vessel-Km and movements of vessels values. For the time being we are able to compile vessel-Km and movements of loaded vessels values and only partial data on vessel-Km and number of movements of empty vessels.
Slovakia	N/A
Finland	
United Kingdom	N/A

2.8	Type of packaging (Goods in container/ goods not in container and empty containers) - Dataset A1				
2.8.1	Are all data suppliers able to directly provide the information on "type of packaging" requested by the regulation? <table border="1" data-bbox="347 1749 683 1883"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	YES Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.				

Czech Republic	YES
Germany	YES
France	YES
Croatia	YES
Lithuania	
Luxembourg	NO
Hungary	YES
Netherlands	YES
Austria	YES
Poland	YES
Romania	YES
Slovakia	YES
Finland	
United Kingdom	N/A
2.8.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.
Belgium	The data suppliers provide us whether the goods are transported in containers or not and we also receive NST code 161 for the empty containers.
Bulgaria	N/A
Czech Republic	N/A
Germany	N/A
France	N/A
Croatia	N/A
Lithuania	
Luxembourg	<i>An adaptation of the data entry system (database) is necessary</i>
Hungary	There is no container transport in Hungary.
Netherlands	N/A
Austria	N/A
Poland	N/A

Romania	N/A
Slovakia	N/A
Finland	
United Kingdom	N/A

2.9	Size of containers - Dataset C1				
2.9.1	<p>Are all data suppliers able to directly provide the information on "size of containers" requested by the regulation?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	<p>YES</p> <p>Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied</p>				
Czech Republic	YES				
Germany	YES				
France	YES				
Croatia	YES				
Lithuania					
Luxembourg	YES				
Hungary	YES				
Netherlands	NO				
Austria	YES				
Poland	YES				
Romania	YES				
Slovakia	YES				
Finland					
United Kingdom	N/A				
2.9.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.				

Belgium	If not, we deduce it from the number of containers and the reported TEU.
Bulgaria	N/A
Czech Republic	N/A
Germany	N/A
France	N/A
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	An algorithm using estimations is used at CBS
Austria	N/A
Poland	In Poland container transport on inland waterways takes place occasionally by reason of lack of appropriate infrastructure. This kind of transport takes place mostly within the bounds of ports.
Romania	N/A
Slovakia	N/A
Finland	
United Kingdom	N/A

2.10	Loading status (loaded containers / empty container) - Dataset C1 and D2	
2.10.1	Are all data suppliers able to directly provide the information on "loading status" requested by the regulation?	
	Yes	<input type="checkbox"/>
	No	<input type="checkbox"/>
Belgium	YES	
Bulgaria	YES Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.	
Czech Republic	YES	
Germany	YES	
France	YES	

Croatia	YES
Lithuania	
Luxembourg	NO
Hungary	YES
Netherlands	YES
Austria	YES
Poland	YES
Romania	YES
Slovakia	YES
Finland	
United Kingdom	N/A
2.10.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.
Belgium	N/A
Bulgaria	N/A
Czech Republic	N/A
Germany	N/A
France	N/A
Croatia	N/A
Lithuania	
Luxembourg	<i>An adaptation of the data entry system (database) is necessary</i>
Hungary	N/A
Netherlands	N/A
Austria	N/A
Poland	See point 2.8.2.
Romania	N/A
Slovakia	N/A
Finland	
United Kingdom	N/A

2.11	Type of goods (NST2007) - Datasets A1, C1 and E1				
2.11.1	<p>Are all data suppliers able to directly provide the information on "type of goods" requested by the regulation?</p> <table border="1" data-bbox="352 405 687 533"> <tr> <td data-bbox="352 405 512 468">Yes</td> <td data-bbox="512 405 687 468"><input type="checkbox"/></td> </tr> <tr> <td data-bbox="352 468 512 533">No</td> <td data-bbox="512 468 687 533"><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	YES				
Bulgaria	YES Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.				
Czech Republic	YES				
Germany	YES				
France	YES				
Croatia	YES				
Lithuania					
Luxembourg	YES				
Hungary	YES				
Netherlands	NO				
Austria	YES				
Poland	YES				
Romania	YES				
Slovakia	YES				
Finland					
United Kingdom	NO				
2.11.2	<p>If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.</p>				
Belgium	The data suppliers report to us the NST2000 or the HS-code. (harmonized system code)				
Bulgaria	N/A				
Czech Republic	N/A				
Germany	N/A				

France	N/A
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	HS codes or UN codes are reported and are converted to NST2007.
Austria	N/A
Poland	N/A
Romania	N/A
Slovakia	N/A
Finland	
United Kingdom	Cargo type is collected using the UK classification and manually recoded into NST 2007.
2.11.3	If you have specific problems in reporting "type of goods" split by size of container, please provide details.
Belgium	N/A
Bulgaria	N/A
Czech Republic	N/A
Germany	<i>No remarks.</i>
France	<i>The type of goods in the container is unknown.</i>
Croatia	There is no container transport in Croatia at the moment.
Lithuania	
Luxembourg	N/A
Hungary	There is only empty container transport in Hungary at present moment.
Netherlands	The type of goods in the container is unknown.
Austria	N/A
Poland	No specific problem. Containers transport in Poland takes place occasionally.
Romania	N/A
Slovakia	N/A

Finland	
United Kingdom	N/A

2.12	Type of dangerous goods (ADN classification) - Dataset A2				
2.12.1	<p>Are all data suppliers able to directly provide the information on "type of dangerous goods" requested by the regulation?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				
Belgium	NO				
Bulgaria	<p>YES</p> <p>Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied.</p>				
Czech Republic	YES				
Germany	NO				
France	NO				
Croatia	YES				
Lithuania					
Luxembourg	<p>YES</p> <p><i>The current system allows the data entry of transport for dangerous goods as a UN identification number (following the ADNR classification)</i></p>				
Hungary	YES				
Netherlands	YES				
Austria	NO				
Poland	NO				
Romania	NO				
Slovakia	YES				
Finland					
United Kingdom	N/A				
2.12.2	If you answer "No" to the previous question, please indicate sources and procedures used to obtain this information.				

Belgium	For the moment, we don't provide this dataset but we are working on it. I asked the waterway administrators if it would be possible to provide us this information. (not all the answers yet)
Bulgaria	N/A
Czech Republic	N/A
Germany	<i>From January 2009 onwards for each transported good, it will be asked if it is a dangerous good or not. A distinction of dangerous goods into classes (ADN-Number of similar) is not planned at the moment.</i>
France	The type of dangerous goods cannot be identified with our current process.
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	N/A
Netherlands	N/A
Austria	This information is not included in the national regulation as the data transmission to Eurostat is optional.
Poland	Transport of dangerous goods doesn't take place in Poland. Polish vessels are not adapted to transport this kind of goods.
Romania	Matter of data availability, only partial data on transit transport of dangerous goods by inland waterways are compiled.
Slovakia	N/A
Finland	
United Kingdom	N/A

3 INFORMATION ON DATA COMPILATION, VALIDATION AND DELIVERY PRACTICES

3.1	Implementation of the data collection and compilation process
	Please indicate whether the compliance with the Regulation demands has required the implementation of a new data collection and compilation process or a straightforward exploitation/extension of an existing process.
Belgium	It required a new data collection and compilation process.

Bulgaria	<p>The compliance with the demands of the Regulation requires extension of an existing process. The main extensions are connected with the provision of information about dangerous goods, vessel movements and (probably - after confirmation from Eurostat) about ro-ro cargo.</p> <p>Modification concerns implementation of new goods nomenclature – NST2007 and the necessity of further development of the system mainly in the area of data control.</p> <p>Mentioned above is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied;</p> <p>Collection of data for transit transport should be through entirely new system.</p> <p>In order to supply information on transit we started investigation about new data collection, in co-operation with other Danube countries. After data verification and calculations we'll explore the possibility of transit data provision.</p>
Czech Republic	<p>The IWW data had been collected before the Regulation was implemented. In order to reach full compliance with the EU Regulation some indicators had to be added into the existing questionnaire, e.g. codes for type of containers transported, number of containers transported and codes for dangerous goods transported.</p>
Germany	<p>The necessary data are compiled using an own (internal) process for the data collection, preparation and treatment.</p>
France	<p><i>Regarding mandatory tables, the data have been produced by a straightforward extension of our process, except the new regions NUTS for the foreign quays.</i></p>
Croatia	<p>Compliance with new Regulation required adaptation of existing survey.</p>
Lithuania	
Luxembourg	<p><i>The new Regulation No. 1365/2006 of September 6, 2006 required the renewal of the IT system in connection with the automated management of freight transport by inland waterway.</i></p>
Hungary	<p>The compliance with the Regulation demands has required only a straightforward exploitation/extension of the existing questionnaires.</p>
Netherlands	<p>New system is in place that compiles the data.</p>
Austria	<p>Except for the implementation of the NST2007 there was no adoption of the relevant procedures.</p>
Poland	<p>The compliance with the Regulation demands extension of an existing process of data collection but it is directly connected with introducing legislative adjustments in Poland concerning the way of ports operation. It will enable to provide more complete information, e.g. about movement of foreign vessels, movement of empty vessels.</p>
Romania	<p>IWW transport statistics production in compliance with the Regulation has requested the modernization and extension of the existing data collection process. In order to process data collected and for the compilation of statistics a new computer application program has had to be designed and implemented</p>
Slovakia	<p>From the data according to journey are made contingent (share) tables.</p> <p>From this Contingent tables are made all tables according to Regulation.</p> <p>The data from Statistics Austria are added.</p>
Finland	

United Kingdom	Complying with the Regulation requires additional processing and analysis of fluvio-maritime data from the Maritime Port Freight Statistics, and the undertaking of the survey of barge operators. However, data on IWW was already collected and published prior to the implementation of the Regulation, meaning that little additional work – such as recoding cargo types to NST 2007 – is required.
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3.2	Data confidentiality problems
	Please explain if there is any data confidentiality problem at any stage of the collection and compilation process.
Belgium	NO
Bulgaria	Information on individual units is confidential (for internal official use). Compilation of the information and dissemination (including to Eurostat) is regulated by the law.
Czech Republic	The Czech national legislation, i.e. the Act on the State Statistics includes confidentiality issues. Basically it states that no individual data collected within the framework of this act can be published or disseminated. In practice it means that only those aggregates can be disseminated which are based on at least 3 reporting unit response. Therefore the Ministry is allowed to publish only total figures.
Germany	<i>In principle no information on port to port relations are provided for the publication and dissemination of data.</i>
France	No problem of confidentiality
Croatia	Voluntary port-to-port data that will be reported starting from 2014 under dataset A4 will contain confidential information.
Lithuania	
Luxembourg	<i>Significant problems related to data protection have not been detected. The procedure of authorization is on-going.</i>
Hungary	Data providing of transportation from port to port is against the new Hungarian data protection law. Hungary gives free run of the unique port loading data to Eurostat, but because of the very strict Hungarian Data Protection Act the country does not permit to publish them.
Netherlands	Data on port to port relations is confidential.
Austria	Regarding to the new table A4, there could be confidentiality issues if case area-codes (to sum up small ports and locations of loading/unloading) cannot be used in this table.
Poland	No confidentiality problems.
Romania	There are no data confidentiality problems as data are processed and disseminated in accordance with the legislation.
Slovakia	N/A
Finland	
United Kingdom	We do not have any concerns about data confidentiality.

3.3	Data codification practices
	Please mention whether the information supplied to the CNA use the codes requested in the Regulation or it is necessary to undertake any transcoding. Are there any problems in providing and/or using the codes specified in the Regulation?
Belgium	It is necessary to undertake a transcoding. (see 2.3, 2.4 and 2.10)
Bulgaria	The information, supplied from source (operators) to CNA is coded in correspondence with the requirements of Eurostat. No transcoding is needed.
Czech Republic	No transcoding is necessarily. Reporting units use directly the codes in the Regulation when filling in the questionnaire
Germany	<i>Generally, declarations on ports or goods are reported by the respondents in text format. The following codification does not cause any problem.</i>
France	We use transcoding for many data (for instance: type of goods, type of vessels, code NUTS...). No problem for using the codes specified in the regulation.
Croatia	Starting with reference year 2014 data on type of goods will be collected according to the NST-2007 classification on three digits so there will be no transcoding as previous years. Type of vessel is collected on a more detailed level than is required by Regulation so there is transcoding needed for datasets. Codes used for nationality of vessel are also different but there is no problem with using the codes specified in Regulation for datasets.
Lithuania	
Luxembourg	<i>The information sent to the CNA is provided in the required codification under Regulation No. 1365/2006 of September 6, 2006</i>
Hungary	The data we receive from the Customs Office of Mohács and from the port operators are coded in the HCSO. HCSO collects data by the assignment with the Ministry of National Development and this is the place where the needed coding and transcoding happens.
Netherlands	The classification of nst2007 isn't a direct relation. If you have a good that is waste for the food industry and is used as animal feeding, it's unclear in what group this good should be in. This also occurs with basis chemicals and refined petroleum products. Also when is a iron beam a basic iron product and when is this a construction material.
Austria	For coding the transported goods to the NST 2007 Statistics Austria developed an alphabetical index for those ports which transmit data in an electronically way. All other data suppliers deliver information about the types of goods in clear text, which is encoded at Statistics Austria into NST2007 format.
Poland	The information suppliers use the exact names of goods and ports of loading and unloading (on paper form) or both exact names and codes (on electronic form). To avoid mistakes in using the codes proper codification takes place in Statistical Office
Romania	The information received from our respondents is coded according to the methodological approach and nomenclatures transmitted annually to the respondents. Trans codification is needed only for variables "Country / Region of loading and unloading", the dimensions collected in the questionnaire referring to "Port of loading / unloading". There are no problems in providing and/or using the codes specified in the Regulation.

Slovakia	The data are coding according to Regulation.
Finland	
United Kingdom	As noted in 2.11.2: cargo type is collected using the UK classification and manually recoded into NST 2007.

3.4	Data validation procedure
	Please describe the validation procedures that are applied at the CNA to the incoming data. What actions are taken when errors are detected?
Belgium	<ul style="list-style-type: none"> - Codification checks. - Checks on the weight of the goods, the Kilometres, ... - Checks on differences between the reported messages of the different waterway administrators. - Check on the ship's route with our waterway model. <p>The errors are corrected, partly manually, partly automatically.</p>
Bulgaria	<p>It depends of where (at what level) errors are detected. At source level correcting records are inputted by the operators in Regional and Central Database. Correcting records are admitted 3 month after period of survey. The errors, detected at central (EA MA) or NSI level require only modification (improvement) of program product. In many cases however neglect data treatment by the cargo operators is detected.</p> <p>For example – often use of codes type “other” or “unknown”, improper introducing of some codes and numbers. Some of the errors of that kind are detected by the program (limits, prompts). At Central level periodically (normally once an year) inspection are made of how dossier of the ship is carried on and its correspondence with the database records.</p>
Czech Republic	Codes for type of a vessel, goods and containers are checked during the process of filling data by respondents in electronic forms, so that only the correct codes could be used. The names of ports are checked in the same way. Distances of ports (Czech ports) are checked and automatic correction is performed.
Germany	<i>Plausibility checks are made in the federal statistical offices. In case of errors revision are made either after consultation of the port authorities or on the basis of expertise of the responsible persons. The Statistische Bundesamt (NSI) receives plausible and correct data.</i>
France	<ol style="list-style-type: none"> 1) On the French network except Rhine: data are checked a first time with the data management centres and a second time with the help of statistics responsible in regions after a statistic treatment. 2) On the Rhine: No detailed check because VNF did not produced the files of data (only check of consistency of records).
Croatia	There are validation checks after entry of data. Detected errors are cleared manually by CBS and some errors must be cleared by contacting data suppliers.
Lithuania	
Luxembourg	N/A
Hungary	When errors are detected, we crosscheck them with the data suppliers.
Netherlands	Plausibility checks are performed on all variables published. This means the variables are valid and consistent over the years.

Austria	There are several plausibility checks concerning type of transport, weight, and to avoid double counts. In rare cases there is a direct contact with port authorities.
Poland	<p>Validation procedures are applied at two stages:</p> <ol style="list-style-type: none"> 1. Completeness control <p>At this stage we are verifying whether all entities obliged to participate in research, filled in a form (paper or electronic). If not, our respondents are urged by e-mail, phone calls and by a letter.</p> <ol style="list-style-type: none"> 2. Arithmetical and logical control <p>These procedures are applied according to the control programme's assumptions.</p> <p>In case of electronic form arithmetical and logical control takes place at stage of entering the data in the form. Without correcting the errors respondents are not able to approve the form (after entering the data respondent can see list of errors and an exact description of incorrect records)</p> <p>Filled in paper forms are sent by a letter to Statistical Office. Arithmetic and logical control takes place after entering the data from paper form into computer system. Statistician, when errors are detected, makes contact with the data suppliers to correct errors or clear up doubts.</p>
Romania	<p>In order to validate data collected, besides the checks on exhaustive reporting from our respondents, logical checks on dimensions and values are performed.</p> <p>Transit transport data are carefully checked during processing in order to avoid mainly double counts, information on the same vessel being received from different ports.</p> <p>Where errors are detected, the respondent is informed in order to perform the appropriate corrections and to resend data to NIS.</p>
Slovakia	The data are corrected following the call with organisations.
Finland	
United Kingdom	<p>Since 2010, the survey of barge operators has been undertaken in-house. This involves a relatively small number of respondents (c.20 in 2014) and entries (65 in 2014). Returns are manually checked for common sense. If there are errors or missing values or logical concerns, the statistician will contact the data supplier and ask them to verify the data. Searches are undertaken for any similar entries and removed if they are confirmed to be duplicates. Entries are checked as being internal IWW traffic and any that pertain to maritime traffic are removed. Where the port of load or unload is unknown, we can use the ship arrivals data we purchase from LLI to reallocate them to an actual port. When new wharves appear in the data for the first time, they are coded to the nearest existing wharf in the 2010 distance matrix.</p> <p>The maritime data is collected by a data collection agent. The data is subject to a detailed, iterative and well documented validation process which compares the data supplied by ports against that supplied by shipping agents. There are a number of automated validation checks which identify any differences over a set threshold. These are then queried, and manual verification is undertaken to identify potential causes of the difference such as misclassification, data entry errors and missing items. Work to validate the data continues until the revised data falls within the acceptable threshold.</p>

3.5	Description of consistency checks
	Please describe any other consistency checking applied to the data (such as cross checking with data from previous years etc.).
Belgium	When the results are calculated, we compare them with the results of the previous years.

Bulgaria	Codes check and data consistency checks are applied on quarterly base. As annual tables are more complex – inter-datasets checks are carried out (A1=B1; A1=C1 for containers only; B1=sumD1; C1=sumD2), as well as codes checks and data consistency are explored.
Czech Republic	Time series (annual) for individual freight operators are checked. New system for checking, which enables better identification of possible large deviations, has been introduced. Possible problems are then clarified with an operator.
Germany	<i>Apart from plausibility checks there are adjustments/comparisons with the results for the same month of the previous years and the previous month respectively done.</i>
France	Indeed a check of the consistency of data is realized if an unusual variation appears.
Croatia	Data are analysed according to the previous years and previous quarter to check for the consistency.
Lithuania	
Luxembourg	<i>Data checks are foreseen within the system</i>
Hungary	We compare the new dataset with the data of the previous years, with the data of other surveys.
Netherlands	We check likelihood of data at the highest aggregates and a few checks on lower levels are applied, comparing them to t-1
Austria	Every figure of the results is cross-checked with previous years. There are manual checks for logical consistencies. Whenever the results for a single port show large deviations the port authorities are asked for a validation.
Poland	Comparing data from national register of ship-owners with data from our data suppliers. Comparison relates to number and type of vessels. Checking with data from previous years. Each data supplier is individually considered.
Romania	Cross checking with data from previous years is performed.
Slovakia	The data are compared on previous year.
Finland	
United Kingdom	Data are compared to the previous year at several stages of the processing.

3.6	Deadline for data transmission				
	<p>Except for countries with specific derogation, the deadline for the transmission of data to Eurostat is T+5 months after the reference period.</p> <p>Are there difficulties in respecting this deadline?</p> <table border="1"> <tr> <td>Yes</td> <td><input type="checkbox"/></td> </tr> <tr> <td>No</td> <td><input type="checkbox"/></td> </tr> </table> <p>If you answer "Yes" to the previous question, please indicate the main reasons.</p>	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
Yes	<input type="checkbox"/>				
No	<input type="checkbox"/>				

Belgium	
Bulgaria	NO Answer to the question is valid for National and International data (supplied by port cargo operators). The transit data is still not supplied. Provision of transit data might cause some delays in data transmission.
Czech Republic	NO
Germany	NO
France	NO
Croatia	NO
Lithuania	
Luxembourg	NO
Hungary	NO
Netherlands	NO
Austria	NO
Poland	NO
Romania	NO
Slovakia	NO
Finland	
United Kingdom	YES, Data provided at t+5months is provisional and is estimated using the previous year's data. Several data suppliers are unable to provide data until t+10 months when their financial results become available. The data is therefore not available for publishing until December. However, due to the relatively small volume of IWW in the UK, the final result is typically not very different from the provisional.

3.7	Problems on data compilation, validation and delivery
	If applicable, please describe any particular problem existing in the data compilation and validation process at the CNA and in the data transmission to Eurostat.
Belgium	No particular problems.
Bulgaria	No problems with data management. There are some methodological issues to be clarified, basically the activity of vessels used for ferrying purposes (including ro-ro carriages). The main problem remains the coverage of transit through Danube.
Czech Republic	No problems.

Germany	<i>Until the reference month December 2008 there were problems with the allocation between of container contents and the type of container. Since January 2009 these problems are no longer relevant.</i>
France	A problem of validation about the number of containers is not settled.
Croatia	N/A
Lithuania	
Luxembourg	N/A
Hungary	No problems
Netherlands	The only problem is the one stated in 3.6
Austria	N/A
Poland	No problem on data compilation, validation and delivery.
Romania	N/A
Slovakia	N/A
Finland	
United Kingdom	N/A

4 DATA DISSEMINATION

4.1	Constraints on data dissemination
	Please indicate if there is any constraint on the dissemination of the data and mention which variables are affected.
Belgium	Confidential data are impossible to disseminate.
Bulgaria	No constrains on data dissemination – data are aggregated on statistical port level.
Czech Republic	The only constraint relates to confidentiality issues. No data on individual operators can be disseminated.
Germany	<i>No publication of port-to-port relations allowed.</i>
France	No problem about the data dissemination.
Croatia	There are no constraints on the dissemination of the data.
Lithuania	
Luxembourg	N/A
Hungary	There is not any constraint on the dissemination.
Netherlands	No publication of port-to-port data.

Austria	N/A
Poland	<p>Constraints on the dissemination of the data at the national level are connected with obeying law issued on June 1995 on official statistics. According to this law Statistical Office cannot disseminate:</p> <ul style="list-style-type: none"> • individual data • collective data consists of information from less than three entities • collective data when one entity's participation in a variable amounts 75% or more.
Romania	There are no constraints on dissemination of IWW transport statistics produced in accordance with the legislation in force.
Slovakia	N/A
Finland	
United Kingdom	We do not publish port to port data and data suppliers are keen that data for statistical ports is not presented separately. For example, data for the new London Gateway port is presented as part of the London statistical port. A number of parties have expressed interest in seeing this reported separately. The port does not wish to do this. Similarly, Tilbury – also reported as part of the London statistical port does not wish their data to be published separately. Any changes in reporting for one statistical port would need to be applied consistently to all statistical ports.

4.2	Use of the data at national level
	Please indicate if data collected under this process is also used totally or partially at national level, either for policy purposes or for dissemination.
Belgium	The data are used by transport federations and ministries (federal and regional).
Bulgaria	The information collected by the National Statistical system for ports activities is used for different purposes by the cargo operators, EA "Marine administration", Ministry of transport, NSI and other institutions.
Czech Republic	Ministry of Transport publishes the data collected under this process quarterly on its webpage and in the "Transport Yearbook".
Germany	<i>Results on inland waterways statistics are regularly provided inter alia to the ministry of traffic, construction and urban development.</i>
France	<i>Data collected is also used for policy purposes and for dissemination.</i>
Croatia	All data collected under Regulation is used at national level for dissemination.
Lithuania	
Luxembourg	<p><i>Data are also saved in the database allowing:</i></p> <ul style="list-style-type: none"> - <i>the editing of the predefined statistical collections</i> - <i>to ensure the follow-up of the evolution of the traffic " freight" , traffic " passengers" and nautical tourism</i> - <i>to make research within the framework of the missions of management of the inland waterway</i>

Hungary	<p>Of course the data are used at national level. We disseminate them in many forms.</p> <ul style="list-style-type: none"> -Electronic dissemination: Statistical reflections 'Transport Performance', sTADAT datasets (quarterly). -Printed dissemination: Hungarian Statistical Yearbook, Hungarian Statistical Pocketbook. -Data transmission: Ministry of National Development <p>Yearbook of the Danube Committee</p>
Netherlands	Data is also used by ministry and other public and commercial parties, for policy, research and dissemination purposes.
Austria	Results concerning IWW are provided on a monthly, quarterly (provisional data) and yearly (final data) basis to the general public via different channels.
Poland	<p>Statistical Yearbook of the Republic of Poland - published annually, includes the most important data illustrating regional differences and a vast collection of information on international statistics.</p> <p>Transport Activity Results - annual publication contains statistical data characterizing activity results of economic entities which lead activity connected with ensuring transport of passengers or goods.</p> <p>Inland Waterway in Poland- published every four years, includes information about inland waterway fleet, transports of goods and passengers, economic relations in enterprises, investments outlays and about employment, wages and salaries.</p>
Romania	IWW transport statistics produced in accordance with the legislation are disseminated at national level in National Institute of Statistics publications and TEMPO-Online time series database to our users' benefit.
Slovakia	<p>National level</p> <p>According to ports – Danube Commission</p>
Finland	
United Kingdom	Final data are published in an annual National Statistics publication 'Domestic Waterborne Freight' (which also includes coastal and 'one-port' freight movements) in December of each year, Demand for this is understood to be limited – in single figures according to recent web use statistics. We will be undertaking informal user consultation in 2016 to ascertain who is using these statistics, for what purpose and considering whether to reduce the number of tables presented in this report.

4.3	Assessment of Eurostat dissemination
	Please assess the way Eurostat disseminates the data collected under the Regulation framework. If you consider that data is not appropriately disseminated, please suggest possible improvements.
Belgium	N/A
Bulgaria	The information disseminated by Eurostat is very useful for different type of analysis, mainly for comparison among EU countries or EU – non-EU trends. Only remark at the moment is that it comes considerably late, so our suggestion is deadline for data dissemination to be shortened.
Czech Republic	The way of Eurostat dissemination of the data collected under the Regulation framework is OK
Germany	<i>No remarks.</i>

France	Dissemination is still too confidential.
Croatia	Data is satisfactory disseminated by Eurostat.
Lithuania	
Luxembourg	N/A
Hungary	The Eurostat data dissemination is correct and appropriate; the publications are effective and informative. We use Eurostat's data in our work.
Netherlands	OK
Austria	Dissemination of the data is OK.
Poland	Poland considers that data collected under the regulation framework is appropriately disseminated. In particular 'Statistics in Focus' receives a great interest of national data receivers.
Romania	In our opinion, Eurostat disseminates appropriately statistical data collected and provided under the Regulation framework.
Slovakia	Dissemination the data is OK.
Finland	
United Kingdom	Adequate

5 ASSESSMENT OF THE IMPLEMENTATION OF THE REGULATION AND PROPOSALS FOR IMPROVEMENT

5.1	Burden of complying with the Regulation						
	<p>Please assess the workload of complying with the data collection under the Regulation both for the CNA and the original data suppliers (i.e. minor, acceptable or major).</p> <table border="1"> <tr> <td>Minor</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Acceptable</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Major</td> <td><input type="checkbox"/></td> </tr> </table> <p>If you assess the workload as "major", please indicate the main causes (e.g. report of transit data) and possible actions to reduce the burden.</p>	Minor	<input type="checkbox"/>	Acceptable	<input type="checkbox"/>	Major	<input type="checkbox"/>
Minor	<input type="checkbox"/>						
Acceptable	<input type="checkbox"/>						
Major	<input type="checkbox"/>						
Belgium	Acceptable						
Bulgaria	<p>Acceptable and Major</p> <p>Major for transit data. The reason is: no institution is interested in that information and nowhere is possible to obtain that information required. There are also technical and normative problems. Moreover – the volume of transit for Bulgarian data is expected to be several times bigger than the data of international and national transport.</p> <p>So additional data collections and calculations are investigated at the moment.</p>						
Czech Republic	Acceptable						

Germany	Acceptable						
France	Acceptable						
Croatia	Major Workload is major for CBS on the subject of transit data which is not possible to collect through current survey.						
Lithuania							
Luxembourg	Acceptable						
Hungary	Acceptable						
Netherlands	Acceptable						
Austria	Acceptable						
Poland	Acceptable						
Romania	Acceptable						
Slovakia	Acceptable						
Finland							
United Kingdom	Acceptable Workload would become major were the UK required to provide any additional data.						
5.2	Level of compliance with the Regulation						
	<p>Please assess the overall level of compliance with the Regulation at national level.</p> <table border="1"> <tr> <td>Good</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Satisfactory</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Poor</td> <td><input type="checkbox"/></td> </tr> </table> <p>If you consider that the compliance is poor, please describe any action envisaged to improve the situation.</p>	Good	<input type="checkbox"/>	Satisfactory	<input type="checkbox"/>	Poor	<input type="checkbox"/>
Good	<input type="checkbox"/>						
Satisfactory	<input type="checkbox"/>						
Poor	<input type="checkbox"/>						
Belgium	Satisfactory						
Bulgaria	Good						
Czech Republic	Good						
Germany	Good						
France	Satisfactory						
Croatia	Satisfactory						
Lithuania							

Luxembourg	Satisfactory
Hungary	Good
Netherlands	Good
Austria	Good
Poland	Satisfactory
Romania	Good
Slovakia	Good
Finland	
United Kingdom	Satisfactory

5.3	Proposals for improving the data collection under the Regulation
	Please make any suggestions or proposals for improving the data collection under the Regulation.
Belgium	N/A
Bulgaria	<p>Eurostat, after compiling data from reporting countries, could define goods flows by IWW corridors. Isn't it possible transit to be calculated by Eurostat, having in mind the national length of rivers, corresponding to each country? This would:</p> <ul style="list-style-type: none"> • guarantee the coherence of provided information • considerably lessen countries' burden, as some of countries have difficulties and use different approaches in providing transit, or cover it partially. <p>This suggestion is provoked by the fact that many countries do not need this information for national purposes.</p>
Czech Republic	No further proposals.
Germany	<i>No remarks.</i>
France	Each national institution could evaluate the quality of its data (for example: direct and exhaustive source with check process and correction is better than indirect source or estimated data...). So, the users of statistics could know the reliability of data.
Croatia	Since data collection of transit transport is problematic for some countries and represents a major burden it is of great importance that harmonised distance matrix should be developed and used for calculation of transit data.
Lithuania	
Luxembourg	N/A
Hungary	No remarks

Netherlands	More information on how transport statistics should interpret the NST2007 coding. See examples 3.3 International distance classes.
Austria	A way to collect transit data with a sort of "one stop shop" should be found. ERI/RIS should be developed faster in order to use it as main data source in the future. Furthermore a European ship register with unique ship numbers is desirable. Eurostat should enforce the cooperation with the responsible persons, expert groups and DGs for RIS/ERI.
Poland	Poland considers that data collected under the Regulation is sufficient. It should be noted that every improving or extending data collection is connected with imposing a further burden on data suppliers.
Romania	IWW transport data collection in Romania is compliant with the mandatory reporting according to the legislation, the decisions of the Working Group on Inland Waterways Transport Statistics and the recommended methodological approach.
Slovakia	N/A
Finland	
United Kingdom	N/A

6 ADDITIONAL METHODOLOGICAL INFORMATION RECEIVED FROM MEMBER STATES

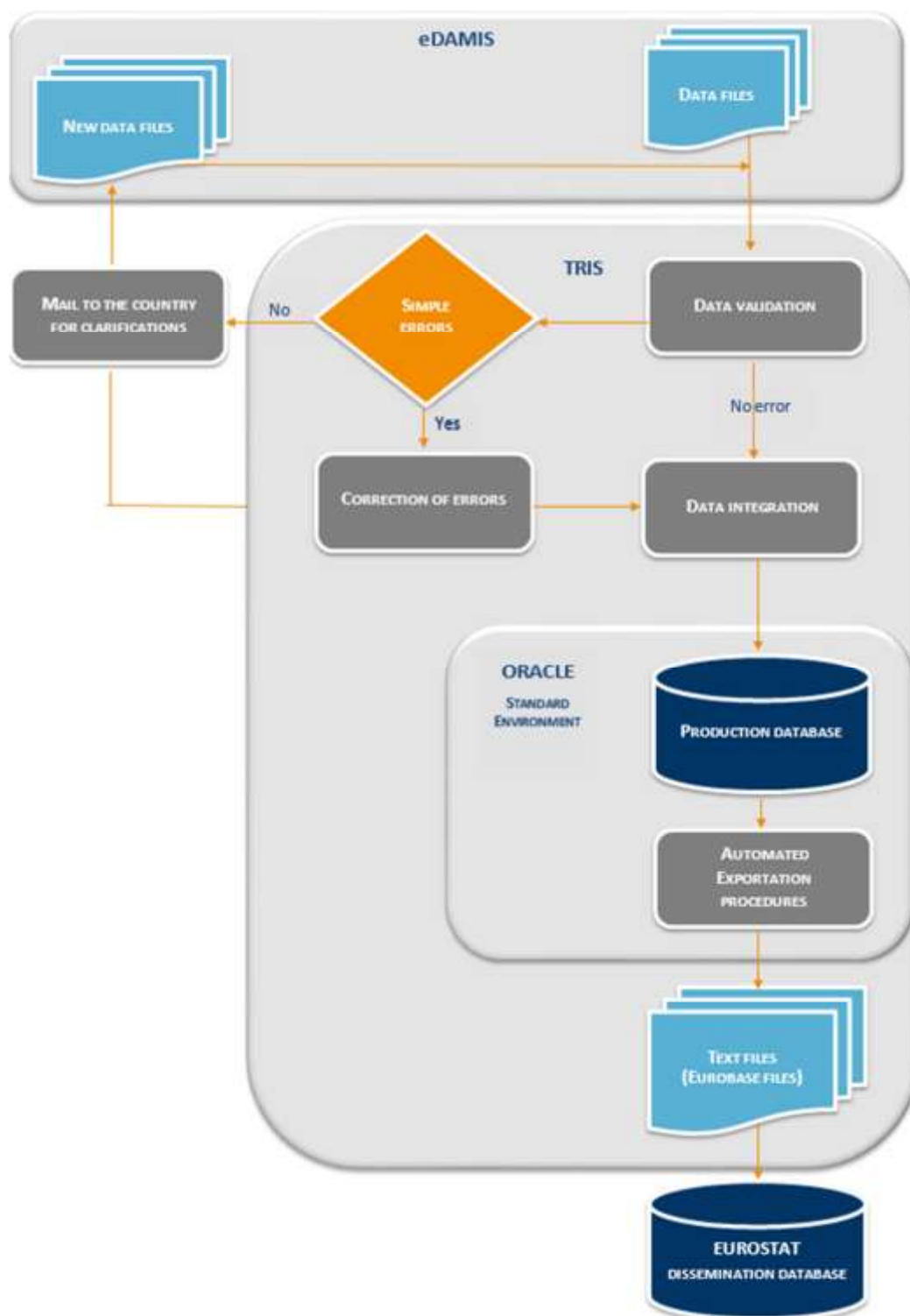
Romania

Transit data supplied include Bulgarian national IWW transport data equivalent to Romanian transit transport. In accordance with the 'Supplementary Agreement between National Statistical Institute of Bulgaria and National Institute of Statistics of Romania' signed in June 2009, quarterly common IWW transit transport data have been mutually transmitted since Q1 2010.

PART III: PROCEDURES FOR DATA TREATMENT AND DISSEMINATION

1 DESCRIPTION OF THE DATA INTEGRATION PROCESS

The following diagram describes the production process of inland waterways statistics according to the Regulation (EU) 2018/974.



2 DESCRIPTION OF THE QUALITY CHECKS

2.1 Data check after data reception and during integration (validation levels 0 and 1)

The following checks are implemented to ensure that for any individual dataset and country the data are correct and the expected datasets are complete.

Several checks are applied during the integration process on:

- ✿ The file format
- ✿ Codes
- ✿ Values - are they negative or not provided.

When problems are detected at this stage, the relevant countries are contacted for clarification when necessary.

2.2 Inter-dataset checks (validation level 2)

The Inter-dataset checks test the quality of the relationships between different datasets for the same year. For this kind of test it is necessary to define the level of aggregation on which the different datasets are comparable and then at which level of aggregation the data will be compared. In this context aggregation means the sum of the various groups in a dimension. The tables below describe the comparison between datasets.

The checks consist in comparing the values from two different datasets and highlighting the most important discrepancies.

The following tables indicates the dimensions used or aggregated (X: used; A: aggregated) and if a condition has to be applied on a dimension.

I1 ≈ II1 (for tonnes and tonne-Km)

	I1	II1
Dimensions		
Reporting country	X	X
Year	X	X
Country/region of loading	A	A
Country/region of unloading	A	A
Type of transport	X	X
Type of goods	A	
Type of packaging	A	
Type of vessel		A
Nationality of vessel		A
Values		
Tonnes	X	X
Tonne-Km	X	X

I1 ≈ III1 (for tonnes and tonne-Km)

	I1	III1
Dimensions		
Reporting country	X	X
Year	X	X
Country/region of loading	A	A
Country/region of unloading	A	A
Type of transport	X	X
Type of goods	A	A
Type of packaging	1: Goods in containers	
Size of containers		A
Loading status		1: Loaded containers
Values		
Tonnes	X	X
Tonne-Km	X	X

I1 ≈ A4 (for tonnes)

Two tables are produced, one for loadings and one for unloadings.

✿ Loadings

	I1	A4
Dimensions		
Reporting country	X	X
Year	X	X
Country/region of loading	A	
Country/region of unloading	A	
Port of loading		A at Country/region level
Port of unloading		A
Type of transport	X*	X*
Type of goods	A	
Type of packaging	A	
Values		
Tonnes	X	X

* Transit not included when not provided in dataset A4

✿ Unloadings

	I1	A4
Dimensions		
Reporting country	X	X
Year	X	X
Country/region of loading	A	
Country/region of unloading	A	
Port of loading		A
Port of unloading		A at Country/region level
Type of transport	X*	X*
Type of goods	A	
Type of packaging	A	
Values		
Tonnes	X	X

* Transit not included when not provided in dataset A4

I1 ≈ A5 (for tonnes and tonne-Km)

	I1	A5
Dimensions		
Reporting country	X	X
Year	X	X
Country/region of loading	A	A
Country/region of unloading	A	A
Type of transport	X	X
Type of goods	X	X
Type of packaging	A	
Type of cargo		A
Values		
Tonnes	X	X
Tonne-Km	X	X

II1 ≈ IV1 (for tonnes and tonne-Km)

	II1	IV1
Dimensions		
Reporting country	X	X
Year	X	X
Quarter		A
Country/region of loading	A	
Country/region of unloading	A	
Type of transport	X	X
Type of vessel	A	
Nationality of vessel	X	X
Values		
Tonnes	X	X
Tonne-Km	X	X

III1 ≈ IV2 (for tonnes, tonne-Km, TEU and TEU-Km)

	III1	IV2
Dimensions		
Reporting country	X	X
Year	X	X
Quarter		A
Country/region of loading	A	
Country/region of unloading	A	
Type of transport	A	A
Type of goods	A	
Nationality of vessel		A
Size of containers	A	
Loading status	X	X
Values		
Tonnes	X	X
Tonne-Km	X	X
TEU	X	X
TEU-Km	X	X

2.3 Intra-dataset checks (validation level 2)

Starting from reference year 2013, a new set of quality checks has been put in place which focuses on the use of "Unknown" codes.

These checks are performed in order to highlight substantial levels of data reported under the codes "Unknown". They are applied on the following variables:

- ✿ Loading region
- ✿ Unloading region
- ✿ Type of goods
- ✿ Nationality of vessel
- ✿ Type of cargo

There are five separate reports:

- ✿ One for dataset I1
- ✿ One for dataset A4
- ✿ One for dataset A5
- ✿ One for dataset III1
- ✿ One for datasets IV1, IV2 and II1

Dataset I1

This report presents the use of the codes for:

- ✿ Unknown loading region (ZZZZ)
- ✿ Unknown loading region for a known loading country (e.g. BEZZ, ATZZ)
- ✿ Unknown unloading region (ZZZZ)
- ✿ Unknown unloading region for a known unloading country (e.g. BEZZ, ATZZ)
- ✿ Grouped or unidentifiable goods (18-19) or other goods not elsewhere specified (20)

The results are presented for both tonnes and TKM.

In the case of "Unknown loading region (ZZZZ)", the results are presented by type of transport (International and Transit). The share on the type of transport and the share on the total transport are also calculated.

In the case of "Unknown loading/unloading region for a known loading/unloading country (e.g. BEZZ, ATZZ)", the share on country of loading/unloading and the share on the total transport are presented in the report.

In the case of type of goods, the share on the total transport is presented in the report and only goods not in containers are taken into account.

Dataset A4

This report presents the use of the codes for:

- ✿ Unknown loading port (ZZ888)
- ✿ Unknown loading port for a known loading country (e.g. BE888, AT888)
- ✿ Unknown unloading port (ZZ888)
- ✿ Unknown unloading region for a known unloading country (e.g. BE888, AT888)

The results are presented for tonnes.

The share on total transport and on the total country of loading/unloading are calculated.

Dataset A5

This report presents the use of other/unknown cargo type codes (19, 1X, 29, 2X, 3X, 99, 9X and XX).

The results are presented in both tonnes and TKM.

The shares on total transport and on the total cargo group (1, 2, 3 and 9) are calculated.

Dataset III1

This report is similar to dataset I1, but results would be presented also for TEU and TEU-Km (in addition to Tonnes and TKM). However, no table on type of goods is presented.

Datasets IV1, IV2 and II1

This report presents the use of 'unknown' nationality of vessel code 'ZZ'.

For the three datasets, the results are presented by type of transport (National, International and Transit), for tonnes and TKM and show the share on the type of transport and the share on the total transport.

For datasets IV1 and IV2, the results are presented for each quarter.

For dataset IV2, the results are also presented for TEU and TEU-Km.

2.4 Time series checks (validation level 2)

Quarterly data:

These checks ensure that the growth rates between the same quarters of two consecutive years are acceptable.

The analysis is done at different levels of breakdown:

- ✿ IV1 by type of transport for tonnes and TKM
- ✿ IV1 by type of transport and nationality of vessel for tonnes and TKM
- ✿ IV2 by type of transport for Tonnes, TEUs, TKM and TEU-Km
- ✿ IV2 by type of transport and nationality of vessel for Tonnes, TEUs, TKM and TEU-Km

Annual data:

Time series checks ensure that the growth rates between two consecutive years are acceptable.

Annual growth rates are calculated for tables I1, A2, A4, A5, II1, II2 and III1. They are calculated for table V1 for the countries providing only this dataset.

The analysis is done at different levels of breakdown:

- ✿ I1 by type of transport for tonnes and TKM
- ✿ I1 by type of transport and type of goods for tonnes and TKM
- ✿ A2 by type of transport for tonnes and TKM
- ✿ A2 by type of transport and type of dangerous goods for tonnes and TKM
- ✿ A4 by loading port for tonnes
- ✿ A4 by unloading port for tonnes
- ✿ A5 by type of cargo for tonnes and TKM
- ✿ II1 by nationality of vessel for tonnes and TKM
- ✿ II1 by type of vessel for tonnes and TKM
- ✿ II2 by type of transport and loading status for movements of vessels and VKM
- ✿ III1 by type of transport for Tonnes, TEUs, TKM and TEU-Km
- ✿ III1 by size of containers for Tonnes, TEUs, TKM and TEU-Km
- ✿ III1 by type of transport and type of goods for Tonnes, TEUs, TKM and TEU-Km

Time series are presented for dataset A3 for the years available but no growth rate is calculated. The total number of accidents and the number of accidents involving dangerous goods are presented.

2.5 Mirror checks (validation level 3)

2.5.1 Description

The mirror checks are used to highlight the difference on the volumes declared by two partner data providers for the same transport flow. Each flow of goods, loading (i.e. outgoing transport) and unloading (i.e. incoming transport) declared by the two parties can be compared.

In the context of Inland Waterways Transport Statistics these checks are applied to compare the consistency between partner declarations of the same dataset. They are done for the data validation of international transport data and are performed for datasets I1 and II1. For these two datasets the mirror checks are applied for the unit "tonnes". The dimension "type of packaging" is not taken into account and is aggregated. For dataset I1, two reports are produced: one taking into account the dimension "type of goods" and one without taking this dimension into account. For dataset II1, the dimension "Nationality of vessel" is taken into account. The results are presented in an individual report for each country at loading/unloading country and loading/unloading region levels.

Each country reports its annual quantities loaded and exported to all unloading countries and annual quantities unloaded and imported from all loading countries. This means that each country can look at its figures recorded as loading and unloading country. Both countries X and Y report the volume of goods loaded in country X and unloaded in country Y and the volume of goods unloaded in country X and loaded in country Y. These quantities reported should ideally be equal.

The following conventions and formulas apply:

✿ General convention:

$T_X(X;Y)$ = Tonnes reported by country X loaded in country X and unloaded in country Y

R_{iX} = Region i belonging to country X

$T_X(R_{iX};R_{jY})$ = Tonnes reported by country X loaded in region i and unloaded in region j belonging to country Y

$\text{Diff}(X;Y)$ = difference in relative terms between $T_X(X;Y)$ and $T_Y(X;Y)$

$\text{Diff}(R_{iX};R_{jY})$ = difference in relative terms between $T_X(R_{iX};R_{jY})$ and $T_Y(R_{iX};R_{jY})$

✿ Mirror at country level:

The following is verified: $T_X(X;Y) \approx T_Y(X;Y)$

In relative terms (in %), the difference is calculated according to the following formula:

$$\text{Diff}(X;Y) = \text{ABS} \left\{ 100 * [T_X(X;Y) - T_Y(X;Y)] / \left[\frac{T_X(X;Y) + T_Y(X;Y)}{2} \right] \right\}$$

✿ Mirror at region level:

The following is verified: $T_X(R_{ix}; R_{jy}) \approx T_Y(R_{ix}; R_{jy})$

In relative terms (in %), the difference is calculated according to the following formula:

$$\text{Diff}(R_{ix}; R_{jy}) = \text{ABS} \left\{ 100 * [T_X(R_{ix}; R_{jy}) - T_Y(R_{ix}; R_{jy})] / \left[\frac{T_X(R_{ix}; R_{jy}) + T_Y(R_{ix}; R_{jy})}{2} \right] \right\}$$

The mirror check report calculates absolute and relative differences. Relative differences exceeding 20% are marked in red.

At the end of each year an annual quality report describes all actions done and lists all corrections made in the datasets.

Mirror checks are also performed on dataset III1 on demand.

2.5.2 Explanations of mirror discrepancies

1. A transport operation could start at the end of year N and could finish at the beginning of year N+1.
2. Change of ownership/registration of a vessel during a voyage (this concerns discrepancies related to the variable "nationality of vessel").
3. The port of unloading may change during the course of a voyage if:
 - a) The cargo has been traded after the departure, or
 - b) Because of conditions on the inland waterway system (water too low for the vessel to navigate or too high making transit under bridges impossible), or
 - c) Because of bad weather or congestion in the original unloading port.

When calculating "transport" aggregates, the above situations are all arguments for a "preference" for inwards declarations in case of discrepancies. The problems will become more acute as countries adopt reporting by port of loading/unloading instead of country/region of loading/unloading.

4. Any lack of harmonization in the preparation of the list of ports (non-exhaustiveness of the list) will cause increased difficulties in reporting. This will become more acute as countries adopt reporting by port of loading/unloading, with the extent of any difficulties emerging in due course.

5. When countries begin reporting by "type of cargo" any differences between countries in the interpretation of this classification will create problems (this will concern discrepancies related to the variable "type of cargo").

6. Excessive use of "unknown variables" in various classifications.

7. When countries begin reporting by port of loading/unloading, any non-harmonized interpretation of the concepts involved (port of embarkation/disembarkation) will create discrepancies.

8. Inconsistencies in vessel-related information (for the variable "nationality of registration of vessels").

9. Missing data: missing declaring ports.

10. Omissions and other codification errors.

11. Estimation of weight of goods transported in Ro-Ro traffic. In such operations, information about the weight of goods loaded on vehicles is often unavailable from original sources of information. As a result, in these cases the weight may be estimated on the basis of the number of vehicles carried (subdivided by types). Different methods in the compilation of these data by different countries may contribute to mirror inconsistencies.

3 DISSEMINATION

3.1 Description of the various supports

The dissemination of inland waterways transport statistics is done in different ways.

3.1.1 Free dissemination database

The Inland Waterways transport domain contains detailed data and time series since 1982. It can be found under Transport section through the following link:

<http://ec.europa.eu/eurostat/web/transport/data/database>

It is composed of five sub-domains devoted to:

- ✿ Inland Waterways transport infrastructure (iww_f)
- ✿ Inland Waterways transport equipment (iww_eq)
- ✿ Inland Waterways transport – Enterprises, economic performances and employment (iww_ec)
- ✿ Inland Waterways transport measurement – goods (iww_go)
- ✿ Inland Waterways – accidents (iww_ac)

This manual covers the two sub-domains

- ✿ Inland Waterways transport measurement – goods, which is divided into 2 sections, annual and quarterly data.
- ✿ Inland Waterways – accidents

Datasets of the Regulation (EU) 2018/974 are the data source for all tables listed below. Data collected with these datasets are presented in the following tables in the free dissemination database of Eurostat:

Dataset in the Regulation	Table codes in the free dissemination database of Eurostat
I1/V1	iww_go_atygo, iww_go_atygo07
I1	iww_go_atygofl, iww_go_atygof07
A2	iww_go_adago
A3	iww_ac_nbac
A4	iww_go_aport
A5	iww_go_atyca, iww_go_atycafl
II1	iww_go_atyve, iww_go_anave, iww_go_atyvefl, iww_go_anavefl, iww_go_anavef06
II2	iww_tf_vetf
III1	iww_go_actygo, iww_go_actygo07, iww_go_acsize, iww_go_actygofl, iww_go_actygof07
IV1	iww_go_qnave
IV2	iww_go_qcnave

[Description of the tables available in these two sections of the free dissemination database](#)

✿ Inland waterways transport measurement - goods

[Annual data](#)

iww_go_atygo Transport by type of good (from 2007 with NST2007)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NST07	Type of goods (NST2007, 2 and 3 digits), Total
TYPACK	Goods in containers, Goods not in containers and empty containers, Unknown, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_atygo07 Transport by type of good (1982 - 2007 with NST/R)

Dimensions	Content
TIME	Years (from 1982 to 2007)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NSTR24	Type of goods (NST/R, groups 01 to 24), Total
TYPACK	Goods in containers, Goods not in containers and empty containers, Unknown, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_atygofl Transport by type of good (country/regional flows from 2007)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
NST07	Type of goods (NST2007, 2 and 3 digits), Total
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
UNIT	Thousand Tonnes, Million TKM

iww_go_atygo07 Transport by type of good (country/regional flows 1982 - 2007)

Dimensions	Content
TIME	Years (from 1982 to 2007)
GEO	Reporting country
NSTR24	Type of goods (NST/R, groups 01 to 24), Total
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
UNIT	Thousand Tonnes, Million TKM

iww_go_atycafl Transport by type of cargo (country/regional flows)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
CARGO	Type of cargo (2 digits), Total
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
UNIT	Thousand Tonnes, Million TKM

iww_go_atyca Transport by type of cargo and type of goods

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NST07	Type of goods (NST2007, 2 and 3 digits), Total
CARGO	Type of cargo (2 digits), Total
UNIT	Thousand Tonnes, Million TKM

iww_go_atyve Transport by type of vessel

Dimensions	Content
TIME	Years (from 1982)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
VESSEL	Vessel types, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_anave Transport by nationality of vessel

Dimensions	Content
TIME	Years (from 1982)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NATVESSR	Nationalities of vessel, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_atyvefl Transport by type of vessel (country/regional flows)

Dimensions	Content
TIME	Years (from 1982)
GEO	Reporting country
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
VESSEL	Vessel types, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_anavefl Transport by nationality of vessel (country/regional flows from 2007)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
NATVESSR	Nationalities of vessel, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_anavef06 Transport by nationality of vessel (country/regional flows 1982-2006)

Dimensions	Content
TIME	Years (from 1982 to 2006)
GEO	Reporting country
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
NATVESSR	Nationalities of vessel, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_actygo Container transport by type of good (from 2007 with NST2007)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NST07	Type of goods (NST2007, 2 digits), Total
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

iww_go_actygo07 Container transport by type of good (in 2007 with NST/R)

Dimensions	Content
TIME	2007
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NSTR24	Type of goods (NST/R, groups 01 to 24), Total
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

iww_go_acsize Container transport by size of container

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
LOADSTAT	Loaded, Empty, Total
CARGO	Size of containers, Total
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

iww_go_actygofl Container transport by type of good (country/regional flows from 2007)

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
NST07	Type of goods (NST2007, 2 and 3 digits), Total
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

iww_go_actygof07 Container transport by type of good (country/regional flows in 2007)

Dimensions	Content
TIME	2007
GEO	Reporting country
NSTR24	Type of goods (NST/R, groups 01 to 24), Total
C_UNLOAD	Unloading region (NUTS0, NUTS1 and NUTS2 level)
C_LOAD	Loading region (NUTS0, NUTS1 and NUTS2 level)
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

iww_go_aporl Goods loaded and unloaded in ports for inland waterways transport

Dimensions	Content
TIME	Years (from 2014)
PORT_IWW	Ports
TRA_MEAS	Freight loaded, Freight unloaded, Total
UNIT	Tonnes

iww_go_adago Transport of dangerous goods

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
TRA_COV	National, International, Transit, Total
DANG_GDS	Type of dangerous goods (ADN), Total
UNIT	Thousand Tonnes, Million TKM

iww_tf_vetf Vessel traffic

Dimensions	Content
TIME	Years (from 2007)
GEO	Reporting country
TRA_COV	National, International, Transit, Total
LOADSTAT	Loaded, Empty, Total
UNIT	Vessel movements, Thousand VKM

Quarterly data

iww_go_qnave Transport by nationality of vessel

Dimensions	Content
TIME	Years and quarters (from 1982Q1)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NATVESSR	Nationalities of vessel, Total
UNIT	Thousand Tonnes, Million TKM

iww_go_qcnav Container transport by nationality of vessel

Dimensions	Content
TIME	Years and quarters (from 2007Q1)
GEO	Reporting country, EU15, EU25, EU27_2007, EU28, EU27_2020
TRA_COV	National, International loaded, International unloaded, International, Transit, Total
NATVESSR	Nationalities of vessel, Total
LOADSTAT	Loaded, Empty, Total
UNIT	Thousand Tonnes, Million TKM, TEU, Thousand TEUs

✿ Inland waterways - accidents

iww_ac_nbac Number of accidents

Dimensions	Content
TIME	Years (from 1995)
GEO	Reporting country
ACCIDENT	Accidents involving transport of dangerous goods, Total
UNIT	Number

The metadata are disseminated together with the data tables in the dissemination database through the following link:

<http://ec.europa.eu/eurostat/web/transport/data/database>.

3.1.2 Statistics explained articles

Statistics Explained is an official Eurostat website presenting all statistical topics in an easily understandable way. Together, the articles make up everyone's encyclopaedia of European statistics, completed by a statistical glossary clarifying all terms used and by numerous links to further information and the very latest data and metadata, a portal for occasional and regular users alike.

Three articles presenting inland waterways statistics are currently available online:

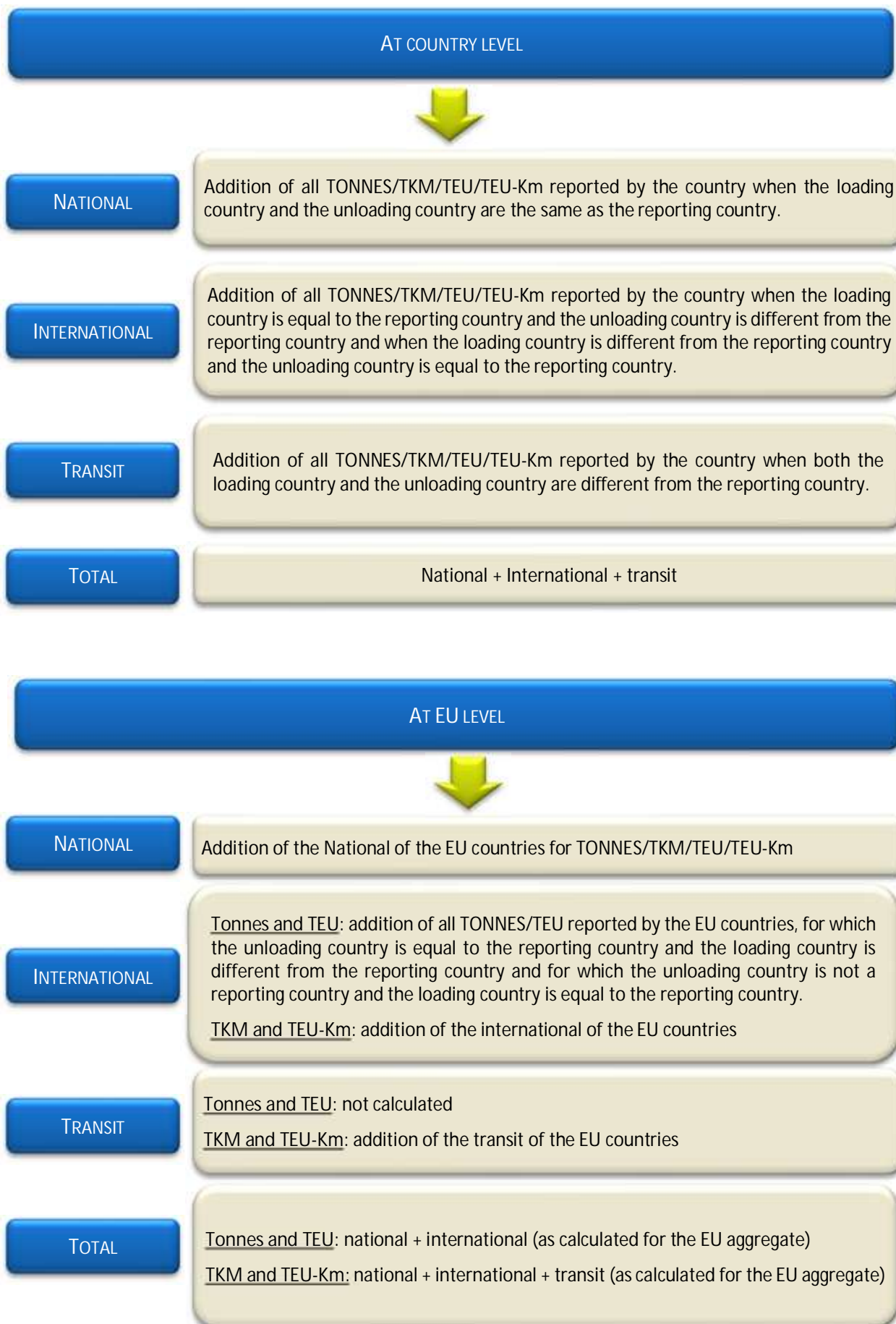
- ✿ [Inland waterways freight transport - quarterly and annual data](#)
- ✿ [Inland waterway transport statistics](#)
- ✿ [Inland waterways - statistics on container transport](#)

3.2 Procedures of calculations and aggregations used in the dissemination process

In the frame of the data dissemination process Eurostat has to calculate aggregates like the total volume of national transport for each country or the total volume of intra-EU transport. These calculations required the problem of double counting to be solved. The calculations are different for tonnes, TEU and tonne-Km and TEU-Km for the national, international and transit level for individual countries and the EU. Calculations are based on the territorial principle i.e. that only transport registered on the territory of the reporting country should be recorded by each individual country for each type of transport. EU aggregates only include data recorded by EU countries and will only be calculated if data for all countries are available.

Data for the following aggregates can be found on the online dissemination database: EU15, EU25, EU27_2007, EU28 and EU27_2020.

The calculations are done in the following way:



SUMMARY TABLE



Level	Value	National	International	Transit	Total
Country	Tonnes TEU	All tonnes/TEU	All tonnes/TEU	All Tonnes/TEU	National + International + Transit
	TKM TEU-Km	All TKM/TEU-Km	All TKM/TEU-Km	All TKM/TEU-Km	National + International + Transit
EU	Tonnes TEU	Addition of the National Totals of the EU countries	All tonnes for which (unloading country=reporting country) + (unloading country is not a reporting country)	Not to be calculated	National + International (as calculated for the EU aggregate)
	TKM TEU-Km	Addition of the National Totals of the EU countries	Addition of International Total of EU countries	Addition of Transit Total of EU countries	National + International + Transit (as calculated for the EU aggregate)

ANNEXES

- ✿ [Annex I](#): Regulation (EU) 2018/974 of the European Parliament and of the Council of 4 July 2018 on statistics of goods transport by inland waterways (codification)
- ✿ [Annex II](#): Regulation (EC) 1365/2006 of the European Parliament and of the Council of 6 September 2006 on statistics of goods transport by inland waterways and repealing Council Directive 80/1119/EEC
- ✿ [Annex III](#): Commission Regulation (EC) 425/2007 of 19 April 2007 implementing Regulation (EC) 1365/2006 of the European Parliament and of the Council on statistics of goods transport by inland
- ✿ [Annex IV](#): Commission Regulation (EC) No 1304/2007 of 7 November 2007 amending Council Directive 95/64/EC, Council Regulation (EC) 1172/89, Regulations (EC) 91/2003 and (EC) 1365/2006 of the European Parliament and of the Council with respect to the establishment of NST 2007 as the unique classification for transported goods in certain transport modes
- ✿ [Annex V](#): Country codes list
- ✿ [Annex VI](#): NST 2007 - Full goods nomenclature
- ✿ [Annex VII](#): UNECE Recommendation 21

ANNEX I: REGULATION (EU) 2018/974

REGULATION (EU) 2018/974 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 4 July 2018
on statistics of goods transport by inland waterways
(codification)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 338(1) thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Acting in accordance with the ordinary legislative procedure ⁽¹⁾,

Whereas:

- (1) Regulation (EC) No 1365/2006 of the European Parliament and of the Council ⁽²⁾ has been substantially amended several times ⁽³⁾. In the interests of clarity and rationality, that Regulation should be codified.
- (2) Inland waterways are an important part of the Union's transport networks and the promotion of inland waterways transport is one of the objectives of the common transport policy, both for reasons of economic efficiency and in order to reduce energy consumption and the environmental impact of transport.
- (3) The Commission needs statistics concerning the transport of goods by inland waterways in order to monitor and develop the common transport policy, as well as the transport elements of policies on the regions and on trans-European networks.
- (4) European statistics on all modes of transport should be collected according to common concepts and standards, with the aim of achieving the fullest practicable comparability between transport modes.
- (5) Inland waterways transport does not occur in all Member States and, therefore, the effect of this Regulation is limited to those Member States where this mode of transport exists.
- (6) Regulation (EC) No 223/2009 of the European Parliament and of the Council ⁽⁴⁾ provides a reference framework for the provisions laid down by this Regulation.
- (7) In order to take into account economic and technical trends and changes in definitions adopted at international level, the power to adopt acts in accordance with Article 290 of the Treaty on the Functioning of the European Union should be delegated to the Commission in respect of amending this Regulation to raise the threshold above 1 000 000 tonnes for statistical coverage of inland waterways transport, to adapt definitions or provide for new ones, as well as to adapt the Annexes to this Regulation to reflect changes in coding and nomenclature at international level or in the relevant Union legislative acts. It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making ⁽⁵⁾. In particular, in order to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts.

⁽¹⁾ Position of the European Parliament of 29 May 2018 (not yet published in the Official Journal) and Decision of the Council of 18 June 2018.

⁽²⁾ Regulation (EC) No 1365/2006 of the European Parliament and of the Council of 6 September 2006 on statistics of goods transport by inland waterways and repealing Council Directive 80/1119/EEC (OJ L 264, 25.9.2006, p. 1).

⁽³⁾ See Annex VII.

⁽⁴⁾ Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and repealing Regulation (EC, Euratom) No 1101/2008 of the European Parliament and of the Council on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities, Council Regulation (EC) No 322/97 on Community Statistics, and Council Decision 89/382/EEC, Euratom establishing a Committee on the Statistical Programmes of the European Communities (OJ L 87, 31.3.2009, p. 164).

⁽⁵⁾ OJ L 123, 12.5.2016, p. 1.

- (8) The Commission should ensure that those delegated acts do not impose a significant additional burden on the Member States or on the respondents.
- (9) In order to ensure uniform conditions for the implementation of this Regulation, implementing powers should be conferred on the Commission so as to enable it to adopt arrangements for transmitting data, including data interchange standards, for the dissemination of results by the Commission (Eurostat) and also to develop and to publish methodological requirements and criteria designed to ensure the quality of the data produced. Those powers should be exercised in accordance with Regulation (EU) No 182/2011 of the European Parliament and of the Council ⁽¹⁾.
- (10) It is necessary for the Commission to arrange for pilot studies to be conducted on the availability of statistical data relating to passenger transport by inland waterways, including by cross border transport services. The Union should contribute to the cost of carrying out those pilot studies. Such contributions should take the form of grants awarded to the national statistical institutes and other national authorities referred to in Article 5 of Regulation (EC) No 223/2009, in accordance with Regulation (EU, Euratom) No 966/2012 of the European Parliament and of the Council ⁽²⁾.
- (11) Since the objective of this Regulation, namely the creation of common statistical standards that permit the production of harmonised data, cannot be sufficiently achieved by the Member States but can rather, by reason of the scale of that creation, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve that objective,

HAVE ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation establishes common rules for the production of European statistics concerning inland waterways transport.

Article 2

Scope

1. Member States shall transmit data relating to inland waterways transport on their national territory to the Commission (Eurostat).
2. Member States in which the total volume of goods transported annually by inland waterways as national, international or transit transport exceeds 1 000 000 tonnes shall supply the data referred to in Article 4(1).
3. By way of derogation from paragraph 2, Member States which do not have international or transit inland waterways transport but in which the total volume of goods transported annually by inland waterways as national transport exceeds 1 000 000 tonnes shall supply only the data required under Article 4(2).
4. This Regulation shall not apply to:
 - (a) the carriage of goods by vessels of less than 50 deadweight tonnes;
 - (b) vessels used principally for the carriage of passengers;
 - (c) vessels used for ferrying purposes;
 - (d) vessels used solely for non-commercial purposes by port administrations and public authorities;

⁽¹⁾ Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by Member States of the Commission's exercise of implementing powers (OJ L 55, 28.2.2011, p. 13).

⁽²⁾ Regulation (EU, Euratom) No 966/2012 of the European Parliament and of the Council of 25 October 2012 on the financial rules applicable to the general budget of the Union and repealing Council Regulation (EC, Euratom) No 1605/2002 (OJ L 298, 26.10.2012, p. 1).

- (e) vessels used solely for bunkering or storage;
- (f) vessels not used for the carriage of goods such as fishery vessels, dredgers, floating workshops, houseboats and pleasure craft.

5. The Commission is empowered to adopt delegated acts in accordance with Article 10 concerning the amendment of paragraph 2 of this Article in order to raise the threshold for statistical coverage of inland waterways transport referred to therein so as to take economic and technical trends into account.

When exercising that power, the Commission shall ensure that the delegated acts do not impose a significant additional burden on the Member States or on the respondents. Furthermore, the Commission shall duly justify the statistical actions for which those delegated acts provide, using, where appropriate, a cost-effectiveness analysis, including an assessment of the burden on respondents and of the production costs as referred to in Article 14(3)(c) of Regulation (EC) No 223/2009.

Article 3

Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (a) 'navigable inland waterway' means a watercourse, not part of the sea, which by natural or man-made features is suitable for navigation, primarily by inland waterway vessels;
- (b) 'inland waterway vessel' means a floating craft designed for the carriage of goods or public transport of passengers which navigates predominantly in navigable inland waterways or in waters within, or closely adjacent to sheltered waters or areas where port regulations apply;
- (c) 'nationality of the vessel' means the country where the vessel is registered;
- (d) 'inland waterways transport' means any movement of goods and/or passengers using inland waterways vessels which is undertaken wholly or partly in navigable inland waterways;
- (e) 'national inland waterways transport' means inland waterways transport between two ports of a national territory irrespective of the nationality of the vessel;
- (f) 'international inland waterways transport' means inland waterways transport between two ports located in different national territories;
- (g) 'transit inland waterways transport' means inland waterways transport through a national territory between two ports both located in another national territory or national territories provided that in the total journey within the national territory there is no transshipment;
- (h) 'inland waterways traffic' means any movement of a vessel on a given navigable inland waterway.

The Commission is empowered to adopt delegated acts in accordance with Article 10 concerning the amendment of the first paragraph of this Article to adapt the definitions contained therein or to provide for new ones in order to take relevant definitions amended or adopted at international level into account.

When exercising that power, the Commission shall ensure that the delegated acts do not impose a significant additional burden on the Member States or on the respondents. Furthermore, the Commission shall duly justify the statistical actions for which those delegated acts provide, using, where appropriate, a cost-effectiveness analysis, including an assessment of the burden on respondents and of the production costs as referred to in Article 14(3)(c) of Regulation (EC) No 223/2009.

Article 4

Data collection

1. Data shall be collected in accordance with the tables set out in Annexes I to IV.
2. In the case referred to in Article 2(3), data shall be collected in accordance with the table set out in Annex V.
3. For the purposes of this Regulation, goods shall be classified in accordance with Annex VI.
4. The Commission is empowered to adopt delegated acts in accordance with Article 10 concerning the amendment of the Annexes to reflect changes in coding and nomenclature at international level or in the relevant Union legislative acts.

When exercising that power, the Commission shall ensure that the delegated acts do not impose a significant additional burden on the Member States or on the respondents. Furthermore, the Commission shall duly justify the statistical actions for which those delegated acts provide, using, where appropriate, a cost-effectiveness analysis, including an assessment of the burden on respondents and of the production costs as referred to in Article 14(3)(c) of Regulation (EC) No 223/2009.

Article 5

Pilot studies

1. By 8 December 2018, the Commission, in cooperation with the Member States, shall develop the appropriate methodology for compiling statistics on passenger transport by inland waterways, including by cross-border transport services.
2. By 8 December 2019, the Commission shall launch voluntary pilot studies to be carried out by Member States that provide data within the scope of this Regulation on the availability of statistical data relating to passenger transport by inland waterways, including by cross-border transport services. Those pilot studies shall aim to assess the feasibility of those new data collections, the costs of the related data collections and the statistical quality implied.
3. By 8 December 2020, the Commission shall submit a report to the European Parliament and to the Council on the results of such pilot studies. Depending on the results of that report, and within a reasonable period, the Commission shall submit, if appropriate, a legislative proposal to the European Parliament and to the Council to amend this Regulation with regard to statistics on passenger transport by inland waterways, including by cross-border transport services.
4. The general budget of the Union shall, where appropriate and taking into account the Union's added value, contribute to the financing of those pilot studies.

Article 6

Transmission of data

1. The transmission of data shall take place as soon as possible and no later than five months after the end of the relevant period of observation.
2. The Commission shall adopt implementing acts laying down the arrangements for transmitting data to the Commission (Eurostat), including data interchange standards. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 11(2).

Article 7

Dissemination

European statistics based on the data referred to in Article 4 shall be disseminated with a frequency similar to that laid down for the transmission of data by the Member States.

The Commission shall adopt implementing acts laying down the arrangements for disseminating results. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 11(2).

Article 8

Quality of data

1. The Commission shall adopt implementing acts laying down the methodological requirements and criteria designed to ensure the quality of the data produced. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 11(2).
2. Member States shall take all measures necessary to ensure the quality of the data transmitted.
3. The Commission (Eurostat) shall assess the quality of the data transmitted. Member States shall supply the Commission (Eurostat) with a report containing such information and data as it may request in order to verify the quality of the data transmitted.
4. For the purposes of this Regulation, the quality criteria to be applied to the data to be transmitted are those referred to in Article 12(1) of Regulation (EC) No 223/2009.
5. The Commission shall adopt implementing acts laying down the detailed arrangements, structure, periodicity and comparability elements for the quality reports. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 11(2).

*Article 9***Reports on implementation**

By 31 December 2020 and every five years thereafter, the Commission, after consulting the European Statistical System Committee, shall submit a report to the European Parliament and to the Council on the implementation of this Regulation and on future developments.

In that report, the Commission shall take relevant information provided by Member States on potential improvements and on users' needs into account. In particular, that report shall assess:

- (a) the benefits accruing to the Union, the Member States and the providers and users of statistical information, of the statistics produced, in relation to their costs;
- (b) the quality of the data transmitted and the data collection methods used.

*Article 10***Exercise of the delegation**

1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.

2. The power to adopt delegated acts referred to in Article 2(5), Article 3 and Article 4(4) shall be conferred on the Commission for a period of five years from 7 December 2016. The Commission shall draw up a report in respect of the delegation of power not later than nine months before the end of the five-year period. The delegation of power shall be tacitly extended for periods of an identical duration, unless the European Parliament or the Council opposes such extension not later than three months before the end of each period.

3. The delegation of power referred to in Article 2(5), Article 3 and Article 4(4) may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the *Official Journal of the European Union* or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.

4. Before adopting a delegated act, the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making.

5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.

6. A delegated act adopted pursuant to Article 2(5), Article 3 or Article 4(4) shall enter into force only if no objection has been expressed either by the European Parliament or the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by two months at the initiative of the European Parliament or of the Council.

*Article 11***Committee procedure**

1. The Commission shall be assisted by the European Statistical System Committee established by Regulation (EC) No 223/2009. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.

2. Where reference is made to this paragraph, Article 5 of Regulation (EU) No 182/2011 shall apply.

*Article 12***Repeal**

Regulation (EC) No 1365/2006 is hereby repealed.

References to the repealed Regulation shall be construed as references to this Regulation and shall be read in accordance with the correlation table in Annex VIII.

*Article 13***Entry into force**

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Strasbourg, 4 July 2018.

For the European Parliament

The President

A. TAJANI

For the Council

The President

K. EDTSTADLER

ANNEX I

Table II.

Goods transport by type of goods (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-alpha	'11'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Country/region of loading	4-alpha	NUTS2 ⁽¹⁾	
Country/region of unloading	4-alpha	NUTS2 ⁽¹⁾	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit	NST 2007	
Type of packaging	1-digit	1 = goods in containers 2 = goods not in containers and empty containers	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

- ⁽¹⁾ When the regional code is unknown or not available, the following codification shall be used:
- 'NUTS0 + ZZ' when the NUTS code exists for the partner country.
 - 'ISO code + ZZ' when the NUTS code does not exist for the partner country.
 - 'ZZZZ' when the partner country is completely unknown.

ANNEX II

Table II.1.

Transport by nationality of the vessel and type of vessel (annual data)

Elements	Coding	Nomenclature	Unit
Table	3-alpha	'III'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Country/region of loading	4-alpha	NUTS2 ⁽¹⁾	
Country/region of unloading	4-alpha	NUTS2 ⁽¹⁾	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of vessel	1-digit	1 = self-propelled barge 2 = barge not self-propelled 3 = self-propelled tanker barge 4 = tanker barge not self-propelled 5 = other goods-carrying vessel 6 = seagoing vessel	
Nationality of vessel	2-letter	NUTS0 (national code) ⁽²⁾	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

⁽¹⁾ When the regional code is unknown or not available, the following codification shall be used:

- 'NUTS0 + ZZ' when the NUTS code exists for the partner country.
- 'ISO code + ZZ' when the NUTS code does not exist for the partner country.
- 'ZZZZ' when the partner country is completely unknown.

⁽²⁾ When a NUTS code does not exist for the country of registration of the vessel, the ISO national code shall be reported. Where the nationality of the vessel is unknown, the code to use is 'ZZ'.

Table II.2.

Vessel traffic (annual data)

Elements	Coding	Nomenclature	Unit
Table	3-Alpha	'II2'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	

Elements	Coding	Nomenclature	Unit
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Number of movements of loaded vessels			movements of vessels
Number of movements of empty vessels			movements of vessels
Vessel-km (loaded vessels)			vessel-km
Vessel-km (empty vessels)			vessel-km

NOTE: The provision of Table II2 is optional.

ANNEX III

Table III.1.

Container transport by type of goods (annual data)

Elements	Coding	Nomenclature	Unit
Table	4-alpha	'III1'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Country/region of loading	4-alpha	NUTS2 ⁽¹⁾	
Country/region of unloading	4-alpha	NUTS2 ⁽¹⁾	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Size of containers	1-digit	1 = 20' freight units 2 = 40' freight units 3 = freight units > 20' and < 40' 4 = freight units > 40'	
Loading status	1-digit	1 = loaded containers 2 = empty containers	
Type of goods	2-digit	NST 2007	
Tonnes transported			tonnes
tonnes-km			tonnes-km
TEU			TEU
TEU-km			TEU-km

⁽¹⁾ When the regional code is unknown or not available, the following codification shall be used:

- 'NUTS0 + ZZ' when the NUTS code exists for the partner country.
- 'ISO code + ZZ' when the NUTS code does not exist for the partner country.
- 'ZZZZ' when the partner country is completely unknown.

ANNEX IV

Table IV1.

Transport by nationality of vessels (quarterly data)

Elements	Coding	Nomenclature	Unit
Table	3-alpha	'IV1'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of the vessel	2-letter	NUTS0 (national code) ⁽¹⁾	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

⁽¹⁾ When a NUTS code does not exist for the country of registration of the vessel, the ISO national code shall be reported. Where the nationality of the vessel is unknown, the code to use is 'ZZ'.

Table IV2.

Container transport by nationality of vessels (quarterly data)

Elements	Coding	Nomenclature	Unit
Table	3-alpha	'IV2'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of vessel	2-letter	NUTS0 (national code) ⁽¹⁾	
Loading status	1-digit	1 = loaded containers 2 = empty containers	

Elements	Coding	Nomenclature	Unit
Tonnes transported			tonnes
Tonnes-km			tonnes-km
TEU			TEU
TEU-km			TEU-km

(¹) When a NUTS code does not exist for the country of registration of the vessel, the ISO national code shall be reported. Where the nationality of the vessel is unknown, the code to use is 'ZZ'.

ANNEX V

Table V1.

Goods transport (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-alpha	'V1'	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	'yyyy'	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit	NST 2007	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

ANNEX VI

NST 2007	
Division	Description
01	Products of agriculture, hunting, and forestry; fish and other fishing products
02	Coal and lignite; crude petroleum and natural gas
03	Metal ores and other mining and quarrying products; peat; uranium and thorium
04	Food products, beverages and tobacco
05	Textiles and textile products; leather and leather products
06	Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media
07	Coke and refined petroleum products
08	Chemicals, chemical products, and man-made fibres; rubber and plastic products; nuclear fuel
09	Other non-metallic mineral products
10	Basic metals; fabricated metal products, except machinery and equipment
11	Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks
12	Transport equipment
13	Furniture; other manufactured goods n.e.c.
14	Secondary raw materials; municipal wastes and other wastes
15	Mail, parcels
16	Equipment and material utilised in the transport of goods
17	Goods moved in the course of household and office removals; baggage transported separately from passengers; motor vehicles being moved for repair; other non-market goods n.e.c.
18	Grouped goods: a mixture of types of goods which are transported together
19	Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01—16
20	Other goods n.e.c.

ANNEX VII

REPEALED REGULATION WITH LIST OF ITS SUCCESSIVE AMENDMENTS

Regulation (EC) No 1365/2006 of the European Parliament and of the Council
(OJ L 264, 25.9.2006, p. 1).

Commission Regulation (EC) No 425/2007 Only Article 1
(OJ L 103, 20.4.2007, p. 26).

Commission Regulation (EC) No 1304/2007 Only Article 4
(OJ L 290, 8.11.2007, p. 14).

Regulation (EU) 2016/1954 of the European Parliament and of the Council
(OJ L 311, 17.11.2016, p. 20).

ANNEX VIII

Correlation Table

Regulation (EC) No 1365/2006	This Regulation
Articles 1 to 4	Articles 1 to 4
Article 4a	Article 5
Article 5	Article 6
Article 6	Article 7
Article 7	Article 8
Article 8	Article 9
Article 10	Article 11
Article 11	—
—	Article 12
Article 12	Article 13
Annex A	Annex I
Annex B	Annex II
Annex C	Annex III
Annex D	Annex IV
Annex E	Annex V
Annex F	Annex VI
—	Annex VII
—	Annex VIII

ANNEX II:
REGULATION (EC) 1365/2006

I

(Acts whose publication is obligatory)

**REGULATION (EC) No 1365/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
of 6 September 2006
on statistics of goods transport by inland waterways and repealing Council Directive 80/1119/EEC**

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 285(1) thereof,

Having regard to the proposal from the Commission,

Acting in accordance with the procedure laid down in Article 251 of the Treaty ⁽¹⁾,

Whereas:

- (1) Inland waterways are an important part of the Community's transport networks and the promotion of inland waterways transport is one of the objectives of the common transport policy, both for reasons of economic efficiency and in order to reduce energy consumption and the environmental impact of transport, as described in the Commission White Paper: European transport policy for 2010: time to decide.
- (2) The Commission needs statistics concerning the transport of goods by inland waterways in order to monitor and develop the common transport policy, as well as the transport elements of policies on the regions and on trans-European networks.
- (3) Statistics on inland waterways transport have been collected under Council Directive 80/1119/EEC of 17 November 1980 on statistical returns in respect of carriage of goods by inland waterways ⁽²⁾, which no longer corresponds to the present needs in this domain. It is therefore appropriate to replace that Directive with a new instrument which extends its scope and improves its efficiency.
- (4) Consequently, Directive 80/1119/EEC should be repealed.

- (5) Community statistics on all modes of transport should be collected according to common concepts and standards, with the aim of achieving the fullest practicable comparability between transport modes.
- (6) Inland waterways transport does not occur in all Member States and, therefore, the effect of this Regulation is limited to those Member States where this mode of transport exists.
- (7) Since the objective of this Regulation, namely the creation of common statistical standards that permit the production of harmonised data, cannot be sufficiently achieved by the Member States and can therefore be better achieved at Community level, the Community may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve that objective.
- (8) Council Regulation (EC) No 322/97 of 17 February 1997 on Community Statistics ⁽³⁾ provides a reference framework for the provisions laid down by this Regulation.
- (9) The measures necessary for the implementation of this Regulation should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission ⁽⁴⁾.
- (10) The Statistical Programme Committee established by Council Decision 89/382/EEC, Euratom ⁽⁵⁾ has been consulted in accordance with Article 3 of that Decision,

⁽¹⁾ Opinion of the European Parliament of 17 January 2006 (not yet published in the Official Journal) and Council Decision of 24 July 2006.

⁽²⁾ OJ L 339, 15.12.1980, p. 30. Directive as last amended by the 2003 Act of Accession.

⁽³⁾ OJ L 52, 22.2.1997, p. 1. Regulation as amended by Regulation (EC) No 1882/2003 of the European Parliament and of the Council (OJ L 284, 31.10.2003, p. 1).

⁽⁴⁾ OJ L 184, 17.7.1999, p. 23. Decision as amended by Decision 2006/512/EC (OJ L 200, 22.7.2006, p. 11).

⁽⁵⁾ OJ L 181, 28.6.1989, p. 47.

HAVE ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation establishes common rules for the production of Community statistics concerning inland waterways transport.

Article 2

Scope

1. Member States shall transmit to the Commission (Eurostat) data relating to inland waterways transport on their national territory.

2. Member States in which the total volume of goods transported annually by inland waterways as national, international or transit transport exceeds 1 000 000 tonnes shall supply the data referred to in Article 4(1).

3. By way of derogation from paragraph 2, Member States where there is no international or transit inland waterways transport but where the total volume of goods transported annually by inland waterways as national transport exceeds 1 000 000 tonnes shall supply only the data required under Article 4(2).

4. This Regulation shall not apply to:

- (a) the carriage of goods by vessels of less than 50 deadweight tonnes;
- (b) vessels used principally for the carriage of passengers;
- (c) vessels used for ferrying purposes;
- (d) vessels used solely for non-commercial purposes by port administrations and public authorities;
- (e) vessels used solely for bunkering or storage;
- (f) vessels not used for the carriage of goods such as fishery vessels, dredgers, floating workshops, houseboats and pleasure craft.

Article 3

Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (a) 'navigable inland waterway' means a stretch of water, not part of the sea, over which vessels of a carrying capacity of not less than 50 tonnes can navigate when normally loaded. This term covers both navigable rivers and lakes and navigable canals;

(b) 'inland waterway vessel' means a floating craft designed for the carriage of goods or public transport of passengers by navigable inland waterways;

(c) 'nationality of the vessel' refers to the country in which the inland waterway vessel is registered.

Article 4

Data collection

1. Data shall be collected in accordance with the tables set out in Annexes A to D.

2. In the case referred to in Article 2(3) data shall be collected in accordance with the table set out in Annex E.

3. For the purposes of this Regulation, goods shall be classified in accordance with Annex F.

Article 5

Transmission of data

1. The first period of observation shall begin on 1 January 2007. The transmission of data shall take place as soon as possible and no later than five months after the end of the relevant period of observation.

2. During the first three years of application of this Regulation, the time allowed for the transmission of data referred to in paragraph 1 may be extended in accordance with the procedure referred to in Article 10(2). The maximum time allowed for transmission, including any extension granted, shall not exceed eight months.

Extensions of the time allowed for transmission are set out in Annex G.

Article 6

Dissemination

Community statistics based on the data referred to in Article 4 shall be disseminated with a frequency similar to that laid down for the transmission of data by the Member States.

Article 7

Quality of data

1. The Commission (Eurostat) shall develop and publish, in accordance with the procedure referred to in Article 10(2), methodological requirements and criteria designed to ensure the quality of the data produced.

2. Member States shall take all measures necessary to ensure the quality of the data transmitted.

3. The Commission (Eurostat) shall assess the quality of the data transmitted. Member States shall supply the Commission (Eurostat) with a report containing such information and data as it may request in order to verify the quality of the data transmitted.

Article 8

Report on implementation

By 15 October 2009 and after consulting the Statistical Programme Committee, the Commission shall submit a report to the European Parliament and the Council on the implementation of this Regulation. In particular, that report shall:

- (a) assess the benefits accruing to the Community, the Member States and the providers and users of statistical information of the statistics produced, in relation to their costs;
- (b) assess the quality of the statistics produced;
- (c) identify areas for potential improvement and any amendments considered necessary in the light of the results obtained.

Article 9

Implementing measures

The measures for implementing this Regulation, including measures to take account of economic and technical trends, shall be laid down in accordance with the procedure referred to in Article 10(2). Such measures shall concern:

- (a) adaptation of the threshold for statistical coverage of inland waterways transport (Article 2);
- (b) adaptation of the definitions and adoption of additional definitions (Article 3);
- (c) adaptation of the data collection scope and the content of the annexes (Article 4);

- (d) arrangements for transmitting data to the Commission (Eurostat) including data interchange standards (Article 5);
- (e) arrangements for the dissemination of results by the Commission (Eurostat) (Article 6);
- (f) development and publication of methodological requirements and criteria (Article 7).

Article 10

Committee procedure

1. The Commission shall be assisted by the Statistical Programme Committee established by Article 1 of Decision 89/382/EEC, Euratom.
2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

3. The Committee shall adopt its rules of procedure.

Article 11

Transitional provisions and repeal

1. Member States shall provide statistical results for the year 2006 in accordance with Directive 80/1119/EEC.
2. Directive 80/1119/EEC is hereby repealed with effect from 1 January 2007.

Article 12

Entry into force

This Regulation shall enter into force on the 20th day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Strasbourg, 6 September 2006.

For the European Parliament
The President
J. BORRELL FONTELLES

For the Council
The President
P. LEHTOMÄKI

ANNEX A

Table A1. Goods transport by type of goods (annual data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	A1	
Reporting country	2-letter	ISO national code	
Year	4-digit	yyyy	
Country/region of loading	2-letter or 4-alpha	ISO national code or NUTS II	
Country/region of unloading	2-letter or 4-alpha	ISO national code or NUTS II	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit	NST 2000	
Type of packaging	1-digit	1 = goods in containers 2 = goods not in containers	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

ANNEX B

Table B1. Transport by nationality of the vessel and type of vessel (annual data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	B1	
Reporting country	2-letter	ISO national code	
Year	4-digit	yyyy	
Country/region of loading	2-letter or 4-alpha	ISO national code or NUTS II	
Country/region of unloading	2-letter or 4-alpha	ISO national code or NUTS II	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of vessel	1-digit	1 = self-propelled barge 2 = barge not self-propelled 3 = self-propelled tanker barge 4 = tanker barge not self-propelled 5 = other goods carrying vessel	
Nationality of vessel	2-letter	ISO national code	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

Table B2. Vessel traffic (annual data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	B2	
Reporting country	2-letter	ISO national code	
Year	4-digit	yyyy	
Number of loaded vessels			vessels
Number of empty vessels			vessels
Vessel-Km (loaded vessels)			vessel-km
Vessel-Km (empty vessels)			vessel-km

Note: The provision of the data mentioned in this Table B2 is optional.

ANNEX C

Table C1. Container transport by type of goods (annual data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	C1	
Reporting country	2-letter	ISO national code	
Year	4-digit	YYYY	
Country/region of loading	2-letter or -alpha	ISO national code or NUTS2	
Country/region of unloading	2-letter or 4-alpha	ISO national code or NUTS2	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Size of containers	1-digit	1 = 20' freight units 2 = 40' freight units 3 = freight units > 20' and < 40' 4 = freight units > 40'	
Loading status	1-digit	1 = loaded containers 2 = empty containers	
Type of goods	2-digit	NST 2000	
Tonnes transported (*)			tonnes
Tonnes-km (*)			tonnes-km
TEU			TEU
TEU-km			TEU-km

(*) Only for loaded containers.

ANNEX D

Table D1. Transport by nationality of vessels (quarterly data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	D1	
Reporting country	2-letter	ISO national code	
Year	4-digit	yyyy	
Quarter	2-alpha	Q1, Q2, Q3 or Q4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of the vessel	2-letter	ISO national code	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

Table D2. Container transport by nationality of vessels (quarterly data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	D2	
Reporting country	2-letter	ISO national code	
Year	4-digit	yyyy	
Quarter	2-alpha	Q1, Q2, Q3 or Q4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of vessel	2-letter	ISO national code	
Loading status	1-digit	1 = loaded containers 2 = empty containers	
Tonnes transported (*)			tonnes
Tonnes-km (*)			tonnes-km
TEU			TEU
TEU-km			TEU-km

(*) Only for loaded containers

ANNEX E

Table E1. Goods transport (annual data)

Elements	Coding details	Nomenclature	Unit
Table	2-alpha	E1	
Reporting country	2-letter	ISO national code	
Year	4-digit	YYYY	
Total tonnes transported			tonnes
Total tonnes-km			tonnes-km

ANNEX F

Goods nomenclature

NST-2000

NST-2000 groups	Description of goods	Defined by products in CPA divisions
01	Products of agriculture, hunting, and forestry; fish and other fishing products	01, 02, 05
02	Coal and lignite; peat; crude petroleum and natural gas; uranium and thorium	10, 11, 12
03	Metal ores and other mining and quarrying products	13, 14
04	Food products, beverages and tobacco	15, 16
05	Textiles and textile products; leather and leather products	17, 18, 19
06	Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media	20, 21, 22
07	Coke, refined petroleum products and nuclear fuel	23
08	Chemicals, chemical products, and man-made fibres; rubber and plastic products	24, 25
09	Other non-metallic mineral products	26
10	Basic metals; fabricated metal products, except machinery and equipment	27, 28
11	Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks	29, 30, 31, 32, 33
12	Transport equipment	34, 35
13	Furniture; other manufactured goods n.e.c.	36
14	Secondary raw materials; municipal wastes and other wastes not specified elsewhere in CPA	37 + municipal wastes (as input to CPA division 90) and other wastes not specified elsewhere in CPA
15	Mail, parcels Note: this heading is normally used for goods transported by postal administrations and specialised courier services in NACE Rev. 1 division 64.	
16	Equipment and material utilised in the transport of goods Note: this heading covers items such as empty containers, palettes, boxes, crates and roll cages. It also covers vehicles used to contain goods, where the vehicle is itself carried on another vehicle. The existence of a code for this type of material does not prejudice the question of whether such materials are to be counted as 'goods'; this will depend on the rules for data collection for each mode of transport.	

NST-2000 groups	Description of goods	Defined by products in CPA divisions
17	Goods moved in the course of household and office removals; baggage transported separately from passengers; motor vehicles being moved for repair; other non-market goods n.e.c.	
18	Grouped goods: a mixture of types of goods which are transported together Note: this heading is used whenever it is not considered appropriate to assign the goods separately to groups 01-16.	
19	Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01-16 Note: this heading is intended to cover goods where the reporting unit does not have information on the type of goods being transported.	
20	Other goods n.e.c. Note: this heading covers any items which cannot be assigned to any of the groups 01-19. Since the groups 01-19 are intended to cover all foreseeable categories of transported goods, the use of group 20 should be considered unusual and may indicate a need for further checking of the data reported under this heading.	

ANNEX G

Extensions of the time allowed for transmission (Article 5(2))

Member State	Extended transmission period after the end of the period of observation	Last year for which an extension is granted
Belgium	8 months	2009

ANNEX III:
COMMISSION REGULATION (EC)
425/2007

COMMISSION REGULATION (EC) No 425/2007**of 19 April 2007****implementing Regulation (EC) No 1365/2006 of the European Parliament and of the Council on statistics of goods transport by inland waterways**

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

HAS ADOPTED THIS REGULATION:

Having regard to the Treaty establishing the European Community,

Article 1

Regulation (EC) No 1365/2006 is amended as follows:

Having regard to Regulation (EC) No 1365/2006 of the European Parliament and of the Council of 6 September 2006 on statistics of goods transport by inland waterways ⁽¹⁾, and in particular Article 9 thereof,

1. Article 3 is replaced by the following:

Whereas:

*'Article 3***Definitions**

For the purposes of this Regulation the following definitions shall apply:

- (1) In accordance with Article 9 of Regulation (EC) No 1365/2006, the Commission should lay down the arrangements for implementing that Regulation.
- (2) It is necessary to adapt the definitions provided in Article 3 of Regulation (EC) No 1365/2006, by adding some new definitions, and by providing explanations and data reporting guidelines to ensure a harmonized methodological framework for the data collection and the compilation of comparable statistics at Community level.
- (3) It is necessary to adapt the data collection scope and the content of the annexes to Regulation (EC) No 1365/2006 in order to provide an adequate statistical coverage of this mode of transport and to ensure the compilation of relevant statistics at Community level.
- (4) It is necessary to specify the description of the data files, the format and the medium in which the data are to be transmitted to ensure that such data can be processed rapidly and in a cost-effective way.
- (5) Provisions should be made concerning the dissemination of the statistical results.
- (6) Regulation (EC) No 1365/2006 should therefore be amended accordingly.
- (7) The measures provided for in this Regulation are in accordance with the opinion of the Statistical Programme Committee set up by Council Decision 89/382/EEC, Euratom ⁽²⁾,

- (a) "navigable inland waterway" means a watercourse, not part of the sea, which by natural or man-made features is suitable for navigation, primarily by inland waterway vessels;
- (b) "inland waterway vessel" means a floating craft designed for the carriage of goods or public transport of passengers which navigates predominantly in navigable inland waterways or in waters within, or closely adjacent to sheltered waters or areas where port regulations apply;
- (c) "nationality of the vessel" means the country in which the vessel is registered;
- (d) "inland waterways transport" means any movement of goods and/or passengers using inland waterways vessels which is undertaken wholly or partly in navigable inland waterways;
- (e) "national inland waterways transport" means inland waterways transport between two ports of a national territory irrespective of the nationality of the vessel;
- (f) "international inland waterways transport" means inland waterways transport between two ports located in different national territories;

⁽¹⁾ OJ L 264, 25.9.2006, p. 1.⁽²⁾ OJ L 181, 28.6.1989, p. 47.

(g) "transit inland waterways transport" means inland waterways transport through a national territory between two ports both located in another national territory or national territories provided that in the total journey within the national territory there is no transshipment;

(h) "inland waterways traffic" means any movement of a vessel on a given navigable inland waterway;

2. Annexes A to F to Regulation (EC) No 1365/2006 are replaced by the text set out in Annex I to this Regulation.

Article 2

For the purposes of implementing Regulation (EC) No 1365/2006, the additional definitions, explanations and data reporting guidelines set out in Annex II to this Regulation shall apply.

Article 3

For the purposes of Article 5 of Regulation (EC) No 1365/2006, the statistics shall be transmitted or uploaded by electronic means to the single entry point for data at Eurostat according to the description of the data files and transmission medium defined in Annex III to this Regulation.

The transmission format shall conform to appropriate interchange standards specified by Eurostat.

Article 4

For the purposes of Article 6 of Regulation (EC) No 1365/2006, the Commission shall disseminate, on any medium and with any data structure, all data specified in Annex A to F to the same Regulation (EC) No 1365/2006 which are not declared confidential by the Member States.

Article 5

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 19 April 2007.

For the Commission
Joaquín ALMUNIA
Member of the Commission

ANNEX I

Annexes A to F to Regulation (EC) No 1365/2006 are replaced by the following:

'ANNEX A

Table A1. Goods transport by type of goods (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-alpha	"A1"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Country/region of loading	4-alpha	NUTS2 (*)	
Country/region of unloading	4-alpha	NUTS2 (*)	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit	NST 2000 (**)	
Type of packaging	1-digit	1 = goods in containers 2 = goods not in containers and empty containers	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

(*) When the regional code is unknown or not available the following codification will be used:

- "NUTS0 + ZZ" when the NUTS code exists for the partner country.
- "ISO code + ZZ" when the NUTS code does not exist for the partner country.
- "ZZZZ" when the partner country is completely unknown.

(**) Only for the reference year 2007, the classification NST/R can be used for reporting the type of goods as explained in Annex F.

ANNEX B

Table B1. Transport by nationality of the vessel and type of vessel (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-Alpha	"B1"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Country/region of loading	4-alpha	NUTS2 (*)	
Country/region of unloading	4-alpha	NUTS2 (*)	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of vessel	1-digit	1 = self-propelled barge 2 = barge not self-propelled 3 = self-propelled tanker barge 4 = tanker barge not self-propelled 5 = other goods carrying vessel 6 = seagoing vessel	
Nationality of vessel	2-letter	NUTS0 (national code) (**)	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

(*) When the regional code is unknown or not available the following codification will be used:

- "NUTS0 + ZZ" when the NUTS code exists for the partner country.
- "ISO code + ZZ" when the NUTS code does not exist for the partner country.
- "ZZZZ" when the partner country is completely unknown.

(**) When a NUTS code does not exist for the country of registration of the vessel, the ISO national code will be reported. In case the nationality of the vessel is unknown, the code to use is "ZZ".

Table B2. Vessel traffic (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-Alpha	"B2"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Type of transport	1-letter	1 = national 2 = international (except transit) 3 = transit	
Number of movements of loaded vessels			movements of vessels
Number of movements of empty vessels			movements of vessels
Vessel-km (loaded vessels)			vessel-km
Vessel-km (empty vessels)			vessel-km

NOTE: The provision of this Table B2 is optional.

ANNEX C

Table C1. Container transport by type of goods (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-Alpha	"C1"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Country/region of loading	4-alpha	NUTS2 (*)	
Country/region of unloading	4-alpha	NUTS2 (*)	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Size of containers	1-digit	1 = 20' freight units 2 = 40' freight units 3 = freight units > 20' and < 40' 4 = freight units > 40'	
Loading status	1-digit	1 = loaded containers 2 = empty containers	
Type of goods	2-digit	NST 2000 (**)	
Tonnes transported			tonnes
tonnes-km			tonnes-km
TEU			TEU
TEU-km			TEU-km

(*) When the regional code is unknown or not available the following codification will be used:

- "NUTS0 + ZZ" when the NUTS code exists for the partner country.
- "ISO code + ZZ" when the NUTS code does not exist for the partner country.
- "ZZZZ" when the partner country is completely unknown.

(**) Only for the reference year 2007, the classification NST/R can be used for reporting the type of good, as explained in Annex F.

ANNEX D

Table D1. Transport by nationality of vessels (quarterly data)

Elements	Coding	Nomenclature	Unit
Table	2-Alpha	"D1"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of the vessel	2-letter	NUTS0 (national code) (*)	
Tonnes transported			tonnes
Tonnes-km			tonnes-km

(*) When a NUTS code does not exist for the country of registration of the vessel, the ISO national code will be reported. In case the nationality of the vessel is unknown, the code to use is "ZZ".

Table D2. Container transport by nationality of vessels (quarterly data)

Elements	Coding	Nomenclature	Unit
Table	2-Alpha	"D2"	
Reporting country	2-letter	NUTS0 (national code)	
Year	4-digit	"yyyy"	
Quarter	2-digit	41 = quarter 1 42 = quarter 2 43 = quarter 3 44 = quarter 4	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Nationality of vessel	2-letter	NUTS0 (national code) (*)	
Loading status	1-digit	1 = loaded containers 2 = empty containers	
Tonnes transported			tonnes
Tonnes-km			tonnes-km
TEU			TEU
TEU-km			TEU-km

(*) When a NUTS code does not exist for the country of registration of the vessel, the ISO national code will be reported. In case the nationality of the vessel is unknown, the code to use is "ZZ".

ANNEX E

Table E1. Goods transport (annual data)

Elements	Coding	Nomenclature	Unit
Table	2-alpha	"E1"	
Reporting country	2-letter	NUTSO (national code)	
Year	4-digit	"yyyy"	
Type of transport	1-digit	1 = national 2 = international (except transit) 3 = transit	
Type of goods	2-digit	NST 2000 (*)	
Total tonnes transported			tonnes
Total tonnes-km			tonnes-km

(*) Only for the reference year 2007, the classification NST/R can be used for reporting the type of goods as explained in Annex F.

ANNEX F

GOODS NOMENCLATURE

The type of goods shall be reported according to the classification NST-2000 ⁽¹⁾ as shown in Table F.1. The two-digit code of the column "NST-2000 groups" shall be used.

However, in 2007 only, Member States shall be allowed to use the classification NST/R ⁽²⁾ as shown in Table F.2 for reporting the type of goods. The two-digit code of the column "Groups of goods" shall be used.

Member States can also decide to report data using both classifications in 2007. From 2008 onwards, only classification NST-2000 shall be valid.

Table F.1 Classification NST-2000

NST-2000 groups	Description of goods
01	Products of agriculture, hunting, and forestry; fish and other fishing products
02	Coal and lignite; peat; crude petroleum and natural gas; uranium and thorium
03	Metal ores and other mining and quarrying products
04	Food products, beverages and tobacco
05	Textiles and textile products; leather and leather products
06	Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media
07	Coke, refined petroleum products and nuclear fuel
08	Chemicals, chemical products, and man-made fibres; rubber and plastic products
09	Other non-metallic mineral products
10	Basic metals; fabricated metal products, except machinery and equipment
11	Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks
12	Transport equipment
13	Furniture; other manufactured goods n.e.c.
14	Secondary raw materials; municipal wastes and other wastes not specified elsewhere in CPA
15	Mail, parcels <i>Note:</i> this heading is normally used for goods transported by postal administrations and specialized courier services in NACE Rev. 2 divisions 53.10 and 53.20
16	Equipment and material utilised in the transport of goods <i>Note:</i> this heading covers items such as empty containers, palettes, boxes, crates and roll cages. It also covers vehicles used to contain goods, where the vehicle is itself carried on another vehicle. The existence of a code for this type of material does not prejudice the question of whether such materials are to be counted as "goods", this will depend on the rules for data collection in each mode of transport.
17	Goods moved in the course of household and office removals; baggage transported separately from passengers; motor vehicles being moved for repair; other non-market goods n.e.c.
18	Grouped goods: a mixture of types of goods which are transported together <i>Note:</i> this heading is used whenever it is not considered appropriate to assign the goods to separately to groups 01-16.

⁽¹⁾ Standard Goods for Transport Statistics, 2000, adopted at the 64th session (18 to 21 February 2002) of the Inland Transport Committee of the United Nations Economic Commission for Europe (UNECE) and revised at the 56th session of the Working Party on Transport Statistics (8 to 10 June 2005) under Document TRANS/WP.6/2004/1/Rev.2.

⁽²⁾ Standard Goods Classification for Transport Statistics/Revised, 1967. Published by the Statistical Office of the European Communities (French version 1968).

NST-2000 groups	Description of goods
19	Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01-16. <i>Note:</i> this heading is intended to cover goods where the reporting unit does not have information on the type of goods being transported.
20	Other goods n.e.c. <i>Note:</i> this heading covers any items which cannot be assigned to any of the groups 01-19. Since the groups 01-19 are intended to cover all foreseeable categories of transported goods, the use of group 20 should be considered unusual and may indicate a need for further checking of the data reported under this heading.

Table F.2 Classification NST/R

Groups of goods	NST/R chapter	NST/R groups	Description
1	0	01	Cereals
2		02, 03	Potatoes, other fresh or frozen fruits and vegetables
3		00, 06	Live animals, sugar beet
4		05	Wood and cork
5		04, 09	Textiles, textile articles and man-made fibres, other raw animal and vegetable materials
6	1	11, 12, 13, 14, 16, 17	Foodstuff and animal fodder
7		18	Oil seeds and oleaginous fruits and fats
8	2	21, 22, 23	Solid mineral fuels
9	3	31	Crude petroleum
10		32, 33, 34	Petroleum products
11	4	41, 46	Iron ore, iron and steel waste and blast furnace dust
12		45	Non-ferrous ores and waste
13	5	51, 52, 53, 54, 55, 56	Metal products
14	6	64, 69	Cement, lime, manufactured building materials
15		61, 62, 63, 65	Crude and manufactured minerals
16	7	71, 72	Natural and chemical fertilizers
17	8	83	Coal chemicals, tar
18		81, 82, 89	Chemicals other than coal chemicals and tar
19		84	Paper pulp and waste paper
20	9	91, 92, 93	Transport equipment, machinery, apparatus, engines, whether or not assembled, and parts thereof
21		94	Manufactures of metal
22		95	Glass, glassware, ceramic products
23		96, 97	Leather, textile, clothing, other manufactured articles
24		99	Miscellaneous articles'

ANNEX II

ADDITIONAL DEFINITIONS, EXPLANATIONS AND DATA REPORTING GUIDELINES FOR IMPLEMENTING REGULATION (EC) No 1365/2006

SECTION I. INLAND WATERWAYS TRANSPORT

1. Navigable inland waterways

This term covers navigable rivers, lakes, canals and estuaries. An inland waterway forming a common border between two countries has to be reported by both.

2. Inland waterways transport

For the purpose of this Regulation the movements of goods and/or passengers using seagoing vessels undertaken wholly in navigable inland waterways will be considered as inland waterways transport and will be subject to the same data provision obligations no matter if seagoing vessels are not specifically mentioned in other definitions.

Movements of goods shipped to offshore installations are excluded. Bunkers and stores supplied to vessels in port are excluded, but bunker oil shipped to vessels offshore is included.

3. National inland waterways transport

National inland waterways transport may involve transit through a second country, although for this country this transport has to be reported as transit. Cabotage transport defined as national inland waterways transport performed by a vessel registered in another country is included.

4. International inland waterways transport

International inland waterways transport may involve transit through one or more third countries. For the latter countries this transport has to be reported as transit.

5. Transit inland waterways transport

Transit inland waterways transport shall be considered as such only provided that in the total journey within the national territory there is no transshipment.

6. Country/region of loading

This is the country or region of the port (NUTS2 level ⁽¹⁾) where the transported goods are loaded on a vessel.

7. Country/region of unloading

This is the country or region of the port (NUTS2 level) where the transported goods are unloaded from a vessel.

8. Type of packaging of goods

Goods on a vessel can be transported using two types of packaging:

- inside containers as defined in section III.1,
- not in containers.

⁽¹⁾ Nomenclature of territorial units as per Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of territorial units for statistics (NUTS) (OJ L 154, 21.6.2003, p. 1). Any future update of this classification adopted by implementing Commission regulations will be applicable for the purpose of this Regulation.

SECTION II. TYPES OF VESSELS

1. Self-propelled barge

Any powered inland waterways freight vessel, other than self-propelled tanker barges.

2. Barge not self-propelled

Any unpowered inland waterways freight vessel, other than not self-propelled tanker barges. This category includes towed, pushed and pushed-towed barges.

3. Self-propelled tanker barge

A self-propelled barge intended for the transport of liquids or gases in fixed tanks.

4. Tanker barge not self-propelled

A barge not self-propelled intended for the transport of liquids or gases in fixed tanks.

5. Other goods carrying vessel

Any other known or unknown kind of inland waterways freight vessel intended for carrying goods not defined in the previous categories.

6. Seagoing vessel

A vessel other than those which navigate predominantly in navigable inland waterways or in waters within, or closely adjacent to, sheltered waters or areas where port regulations apply.

SECTION III. CONTAINERS

1. Container

A freight container means an article of transport equipment:

1. of a permanent nature and accordingly strong enough to be suitable for repeated use;
2. specially designed to facilitate the carriage of goods by one or more modes of transport, without intermediate reloading;
3. fitted with devices permitting its ready handling, particularly its transfer from one mode of transport to another;
4. so designed as to be easy to fill and empty;
5. having a length of 20 feet or more.

2. Size of containers

For the purpose of this Regulation the size of containers will be reported according to four categories:

1. 20 Foot ISO containers (length of 20 feet and width of 8 feet);
2. 40 Foot ISO containers (length of 40 feet and width of 8 feet);
3. ISO containers over 20 feet and under 40 feet in length;
4. ISO containers over 40 feet long.

(Containers smaller than 20 feet or of unknown size must be reported under Category 1).

3. Loading status of containers

Containers may have two loading status regardless of their size:

- loaded, when any kind of good is transported inside the container,
- empty, when the container does not have any good inside.

SECTION IV. INLAND WATERWAYS TRAFFIC

1. Number of movements of loaded vessels

One movement of a loaded vessel is counted as the movement of a vessel from the port of loading of any kind of goods to the following port of loading or unloading.

2. Number of movements of empty vessels

One movement of an empty vessel is counted as the movement of a vessel from one port to another for which the gross-gross weight of goods is nil. The movement of a vessel carrying empty containers is not considered as an empty vessel.

SECTION V. UNITS

1. Tonne

Unit for measuring the weight of goods transport equivalent to 1 000 kilograms.

The weight to be taken into consideration is the gross-gross weight of goods. The weight taken into consideration is equivalent to the total weight of the goods and packaging and the tare weight of equipment such as containers, swap bodies and pallets. When this tare-weight is excluded, the weight is gross weight.

2. Tonne-km

Unit for measuring the goods transport equivalent to one tonne of goods transported over a distance of one kilometre.

For the purpose of reporting the tonne-km performance only the distance travelled on navigable inland waterways has to be taken into account.

3. TEU

Unit for measuring the container size equivalent to twenty feet unit. For the purpose of this Regulation the following equivalences apply:

1. 20 Foot ISO containers (length of 20 feet and width of 8 feet) = 1 TEU;
2. 40 Foot ISO container (length of 40 feet and width of 8 feet) = 2 TEU;
3. ISO containers over 20 feet and under 40 feet in length = 1,5 TEU;
4. ISO containers over 40 feet long = 2,25 TEU.

4. TEU-km

Unit for measuring the goods transport by containers equivalent to one TEU transported over a distance of one kilometre.

For the purpose of reporting the TEU-km performance only the distance travelled on navigable inland waterways has to be taken into account.

5. Vessel-km

Unit for measuring the vessel traffic equivalent to the movement of a vessel over a distance of one kilometre. For the purpose of reporting the vessel-km performance only the distance travelled on navigable inland waterways has to be taken into account.

ANNEX III

**DESCRIPTION OF THE DATA FILES AND TRANSMISSION MEDIUM FOR IMPLEMENTING REGULATION
(EC) No 1365/2006**

Description of the elements to be used in each data file

A summary of the elements to be provided in each of the data files (tables) of this Regulation is presented in the following table:

Elements	Format and size	Table						
		A1	B1	B2	C1	D1	D2	E1
Dimensions								
Table number	an2	X	X	X	X	X	X	X
Reporting country	a2	X	X	X	X	X	X	X
Year	n4	X	X	X	X	X	X	X
Quarter	n2					X	X	
Country/region of loading	an4	X	X		X			
Country/region of unloading	an4	X	X		X			
Type of transport	n1	X	X	X	X	X	X	X
Type of goods	n2	X			X			X
Type of packaging	n1	X						
Type of vessel	n1		X					
Nationality of vessel	a2		X			X	X	
Size of containers	n1				X			
Loading status	n1				X		X	
Values								
Tonnes transported	n..12	X	X		X	X	X	X
tonnes-km	n..18	X	X		X	X	X	X
Number of movements of loaded vessels	n..12			X				
Number of movements of empty vessels	n..12			X				
Vessel-km (loaded vessels)	n..18			X				
Vessel-km (empty vessels)	n..18			X				
TEU	n..12				X		X	
TEU-km	n..18				X		X	

Two fields are marked in the column associated to the relevant table:

- 'X': fields that have to be provided for a table,
- ' ' (space): fields not relevant for the table (should not be provided).

The format of each field is either numeric (n) or alphabetic (a) or alphanumeric (an). The size is either fixed ('format + number' — e.g.: 'n4') or variable with a maximum number of positions ('format' + '...' + maximum number of positions — e.g.: 'n..12').

Description of transmission medium

The transmission format to be used has to be compatible with an automatic transmission of data (EDI approach).

The 'CSV' (comma separated values) format with semicolon (;) as field separator is acceptable. Another more advanced format based on an appropriate interchange standard could also be specified by Eurostat. Eurostat would then make available detailed documentation on how to implement this standard according to the requirements of this Regulation.

Data shall be transmitted or uploaded by electronic means to the single entry point for data at Eurostat.

One separate file by table of the Regulation and period has to be sent.

The following file naming convention is required:

'IWW_Table_Frequency_Country_Year_Period[_OptionalField].format' where:

IWW	For Inland Waterways data
Table	'A1', 'B1', 'B2', 'C1', 'D1', 'D2' or 'E1'
Frequency	'A' for Annual 'Q' for Quarterly
Country	Reporting country: use NUTS0
Year	Year of the data on 4 positions (e.g. 2007)
Period	'0000' for Annual '0001' for the first quarter Q01 '0002' for the second quarter Q02 '0003' for the third quarter Q03 '0004' for the fourth quarter Q04
[_OptionalField]	Can contain any chain of 1 to 220 characters (only 'A' to 'Z', '0' to '9' or '_' are allowed). This field is not interpreted by Eurostat tools.
.format	File format: (e.g. 'CSV' for comma separated value, 'GES' for GESMES)

Example:

The file 'IWW_D1_Q_FR_2007_0002.csv' is the data file that contains for France, data of table D1 of the Regulation, for the year 2007, second quarter.

ANNEX IV:
COMMISSION REGULATION (EC) NO
1304/2007

COMMISSION REGULATION (EC) No 1304/2007**of 7 November 2007**

amending Council Directive 95/64/EC, Council Regulation (EC) No 1172/98, Regulations (EC) No 91/2003 and (EC) No 1365/2006 of the European Parliament and of the Council with respect to the establishment of NST 2007 as the unique classification for transported goods in certain transport modes

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 95/64/EC of 8 December 1995 on statistical returns in respect of carriage of goods and passengers by sea ⁽¹⁾, and in particular Article 12 thereof,

Having regard to Council Regulation (EC) No 1172/98 of 25 May 1998 on statistical returns in respect of the carriage of goods by road ⁽²⁾, and in particular Article 3(4) thereof,

Having regard to Regulation (EC) No 91/2003 of the European Parliament and of the Council of 16 December 2002 on rail transport statistics ⁽³⁾, and in particular Article 4(5) thereof,

Having regard to Regulation (EC) No 1365/2006 of the European Parliament and of the Council of 6 September 2006 on statistics of goods transport by inland waterways ⁽⁴⁾, and in particular Article 9 thereof,

Whereas:

(1) According to Directive 95/64/EC, Regulation (EC) No 1172/98 and Regulation (EC) No 91/2003, the standard goods classification for transport statistics (NST/R) is to be used to classify transported goods, respectively in maritime transport statistics, road freight transport statistics and rail transport statistics.

(2) According to Regulation (EC) No 1365/2006, either NST/R or NST 2000 rev. 2 are to be used in the classification of transported goods in inland waterways statistics.

(3) In June 2007, a new revision of NST 2000 (NST 2007) was adopted by the United Nations Economic Commission for Europe (UNECE) for reasons of

consistency with the revised NACE (Statistical Classification of Economic Activities in the European Community).

(4) In order to provide a comparable statistical coverage of transported goods in all concerned modes of transport, it is necessary to adopt NST 2007 as the unique classification of transported goods in all concerned modes of transport; this should apply both to Member States when collecting national data and to the Commission when disseminating statistical information on transported goods.

(5) Directive 95/64/EC, Regulation (EC) No 1172/98, Regulation (EC) No 91/2003, and Regulation (EC) No 1365/2006 should therefore be amended accordingly.

(6) The measures provided for in this Regulation are in accordance with the opinion of the Statistical Programme Committee set up by Council Decision 89/382/EEC, Euratom ⁽⁵⁾,

HAS ADOPTED THIS REGULATION:

*Article 1***Amendment to Directive 95/64/EC**

Annex III to Directive 95/64/EC is replaced by the text in the Annex to this Regulation.

*Article 2***Amendment to Regulation (EC) No 1172/98**

Annex D to Regulation (EC) No 1172/98 is replaced by the text in the Annex to this Regulation.

*Article 3***Amendment to Regulation (EC) No 91/2003**

Annex J to Regulation (EC) No 91/2003 is replaced by the text in the Annex to this Regulation.

*Article 4***Amendment to Regulation (EC) No 1365/2006**

Annex F to Regulation (EC) No 1365/2006 is replaced by the text in the Annex to this Regulation.

⁽¹⁾ OJ L 320, 30.12.1995, p. 25. Directive as last amended by Commission Decision 2005/366/EC (OJ L 123, 17.5.2005, p. 1).

⁽²⁾ OJ L 163, 6.6.1998, p. 1. Regulation as last amended by Regulation (EC) No 1893/2006 of the European Parliament and of the Council (OJ L 393, 30.12.2006, p. 1).

⁽³⁾ OJ L 14, 21.1.2003, p. 1. Regulation as amended by Commission Regulation (EC) No 1192/2003 (OJ L 167, 4.7.2003, p. 13).

⁽⁴⁾ OJ L 264, 25.9.2006, p. 1. Regulation as last amended by Commission Regulation (EC) No 425/2007 (OJ L 103, 20.4.2007, p. 26).

⁽⁵⁾ OJ L 181, 28.6.1989, p. 47.

*Article 5***Level of detail in Community statistics**

The first level of the NST 2007 classification (the 20 Divisions) shall be used for the classification of the type of goods.

*Article 6***Entry into force**

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

It shall apply from the reference year 2008, covering the 2008 data.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 7 November 2007.

For the Commission
Joaquín ALMUNIA
Member of the Commission

ANNEX

NST 2007

Division	Description
01	Products of agriculture, hunting, and forestry; fish and other fishing products
02	Coal and lignite; crude petroleum and natural gas
03	Metal ores and other mining and quarrying products; peat; uranium and thorium
04	Food products, beverages and tobacco
05	Textiles and textile products; leather and leather products
06	Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media
07	Coke and refined petroleum products
08	Chemicals, chemical products, and man-made fibres; rubber and plastic products; nuclear fuel
09	Other non-metallic mineral products
10	Basic metals; fabricated metal products, except machinery and equipment
11	Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks
12	Transport equipment
13	Furniture; other manufactured goods n.e.c.
14	Secondary raw materials; municipal wastes and other wastes
15	Mail, parcels
16	Equipment and material utilised in the transport of goods
17	Goods moved in the course of household and office removals; baggage transported separately from passengers; motor vehicles being moved for repair; other non-market goods n.e.c.
18	Grouped goods: a mixture of types of goods which are transported together
19	Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01-16.
20	Other goods n.e.c.

ANNEX V: COUNTRY CODES LIST

Country names and associated NUTS (national) codes - EU, EFTA and Candidate countries:

Country name	NUTS national code
BELGIUM	BE
BULGARIA	BG
CZECH REPUBLIC	CZ
DENMARK	DK
GERMANY	DE
ESTONIA	EE
IRELAND	IE
GREECE	EL
SPAIN	ES
FRANCE	FR
CROATIA	HR
ITALY	IT
CYPRUS	CY
LATVIA	LV
LITHUANIA	LT
LUXEMBOURG	LU
HUNGARY	HU
MALTA	MT
NETHERLANDS	NL
AUSTRIA	AT
POLAND	PL
PORTUGAL	PT
ROMANIA	RO
SLOVENIA	SI
SLOVAKIA	SK
FINLAND	FI
SWEDEN	SE
UNITED KINGDOM	UK
ICELAND	IS
LIECHTENSTEIN	LI
NORWAY	NO
SWITZERLAND	CH
MONTENEGRO	ME
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA ⁽¹⁾	MK
SERBIA	RS
TURKEY	TR

⁽¹⁾ Provisional code that does not affect the definite denomination of the country to be attributed after the conclusion of the negotiations currently taking place in the United Nations

ANNEX VI: NST 2007 – FULL GOODS NOMENCLATURE

(Group level is provided only for information)

NST 2007

Division	Group	Description	Classification CPA2008
01		Products of agriculture, hunting, and forestry; fish and other fishing products	
	01.1	Cereals	01.11.1, 01.11.2, 01.11.3, 01.11.4, 01.12
	01.2	Potatoes	01.13.51
	01.3	Sugar beet	01.13.71
	01.4	Other fresh fruit and vegetables	01.11.6, 01.11.7, 01.13.1, 01.13.2, 01.13.3, 01.13.4, 01.13.52, 01.13.53, 01.13.59, 01.13.8, 01.13.9, 01.14, 01.21, 01.22, 01.23, 01.24, 01.25.1, 01.25.3, 01.25.9, 01.26, 02.30.4
	01.5	Products of forestry and logging	02.10.1, 02.10.3, 02.2, 02.30.1, 02.30.2, 02.30.3
	01.6	Live plants and flowers	01.13.6, 01.13.72, 01.19.2, 01.25.2, 01.30
	01.7	Other substances of vegetable origin	01.11.5, 01.11.8, 01.11.9, 01.15, 01.16, 01.19.1, 01.19.3, 01.27, 01.28, 01.29
	01.8	Live animals	01.41.1, 01.42.1, 01.43, 01.44, 01.45.1, 01.46, 01.47.1, 01.49.1
	01.9	Raw milk from bovine cattle, sheep and goats	01.41.2, 01.45.2
	01.A	Other raw materials of animal origin	01.42.2, 01.45.3, 01.47.2, 01.49.2, 01.49.3
	01.B	Fish and other fishing products	03
02		Coal and lignite; crude petroleum and natural gas	
	02.1	Coal and lignite	05
	02.2	Crude petroleum	06.1
	02.3	Natural gas	06.2
03		Metal ores and other mining and quarrying products; peat; uranium and thorium	
	03.1	Iron ores	07.1

Division	Group	Description	Classification CPA2008
	03.2	Non-ferrous metal ores (except uranium and thorium ores)	07.29
	03.3	Chemical and (natural) fertilizer minerals	08.91
	03.4	Salt	08.93
	03.5	Stone, sand, gravel, clay, peat and other mining and quarrying products n.e.c.	08.1, 08.92, 08.99
	03.6	Uranium and thorium ores	07.21
04		Food products, beverages and tobacco	
	04.1	Meat, raw hides and skins and meat products	10.1
	04.2	Fish and fish products, processed and preserved	10.2
	04.3	Fruit and vegetables, processed and preserved	10.3
	04.4	Animal and vegetable oils and fats	10.4
	04.5	Dairy products and ice cream	10.5
	04.6	Grain mill products, starches, starch products and prepared animal feeds	10.6, 10.9
	04.7	Beverages	11
	04.8	Other food products n.e.c. and tobacco products (except in parcel service or grouped)	10.7, 10.8, 12
	04.9	Various food products and tobacco products in parcel service or grouped	Various in 10, 11 or 12
05		Textiles and textile products; leather and leather products	
	05.1	Textiles	13
	05.2	Wearing apparel and articles of fur	14
	05.3	Leather and leather products	15
06		Wood and products of wood and cork (except furniture); articles of straw and plaiting materials; pulp, paper and paper products; printed matter and recorded media	
	06.1	Products of wood and cork (except furniture)	16
	06.2	Pulp, paper and paper products	17
	06.3	Printed matter and recorded media	18, 58, 59
07		Coke and refined petroleum products	
	07.1	Coke oven products; briquettes, ovoids and similar solid fuels	19.1, 19.20.1
	07.2	Liquid refined petroleum products	19.20.2
	07.3	Gaseous, liquefied or compressed petroleum products	19.20.3
	07.4	Solid or waxy refined petroleum products	19.20.4

Division	Group	Description	Classification CPA2008
08		Chemicals, chemical products, and man-made fibers; rubber and plastic products ; nuclear fuel	
	08.1	Basic mineral chemical products	20.11, 20.12, 20.13.2, 20.13.3, 20.13.4, 20.13.5, 20.13.6
	08.2	Basic organic chemical products	20.14
	08.3	Nitrogen compounds and fertilizers (except natural fertilizers)	20.15
	08.4	Basic plastics and synthetic rubber in primary forms	20.16, 20.17
	08.5	Pharmaceuticals and paracheicals including pesticides and other agro-chemical products	20.2, 20.3, 20.4, 20.5, 20.6, 21
	08.6	Rubber or plastic products	22
	08.7	Nuclear fuel	20.13.1
09		Other non-metallic mineral products	
	09.1	Glass and glass products, ceramic and porcelain products	23.1, 23.2, 23.3, 23.4
	09.2	Cement, lime and plaster	23.5
	09.3	Other construction materials, manufactures	23.6, 23.7, 23.9
10		Basic metals; fabricated metal products, except machinery and equipment	
	10.1	Basic iron and steel and ferro-alloys and products of the first processing of iron and steel (except tubes)	24.1, 24.3
	10.2	Non-ferrous metals and products thereof	24.4
	10.3	Tubes, pipes, hollow profiles and related fittings	24.2, 24.5
	10.4	Structural metal products	25.1
	10.5	Boilers, hardware, weapons and other fabricated metal products	25.2, 25.3, 25.4, 25.7, 25.9
11		Machinery and equipment n.e.c.; office machinery and computers; electrical machinery and apparatus n.e.c.; radio, television and communication equipment and apparatus; medical, precision and optical instruments; watches and clocks	
	11.1	Agricultural and forestry machinery	28.3
	11.2	Domestic appliances n.e.c. (White goods)	27.5
	11.3	Office machinery and computers	26.2, 28.23
	11.4	Electric machinery and apparatus n.e.c.	27.1, 27.2, 27.3, 27.4, 27.9
	11.5	Electronic components and emission and transmission appliances	26.1, 26.3
	11.6	Television and radio receivers; sound or video recording or reproducing apparatus and associated goods (Brown goods)	26.4, 26.8
	11.7	Medical, precision and optical instruments, watches and clocks	26.5, 26.6, 26.7, 32.5

Division	Group	Description	Classification CPA2008
	11.8	Other machines, machine tools and parts	28.1,28.21,28.22, 28.24, 28.25, 28.29, 28.4, 28.9
12		Transport equipment	
	12.1	Automobile industry products	29
	12.2	Other transport equipment	30
13		Furniture; other manufactured goods n.e.c.	
	13.1	Furniture	31
	13.2	Other manufactured goods	32.1, 32.2, 32.3, 32.4, 32.9
14		Secondary raw materials; municipal wastes and other wastes	
	14.1	Household and municipal waste	38.11.31
	14.2	Other waste and secondary raw materials	37.00.20, Others 38.11, 38.12, 38.3
15		Mail, parcels	
	15.1	Mail	Not applicable
	15.2	Parcels, small packages	Not applicable
16		Equipment and material utilized in the transport of goods	
	16.1	Containers and swap bodies in service, empty	Not applicable
	16.2	Pallets and other packaging in service, empty	Not applicable
17		Goods moved in the course of household and office removals; baggage and articles accompanying travellers; motor vehicles being moved for repair; other non-market goods n.e.c.	
	17.1	Household removal	Not applicable
	17.2	Baggage and articles accompanying travellers	Not applicable
	17.3	Vehicles for repair	Not applicable
	17.4	Plant equipment, scaffolding	Not applicable
	17.5	Other non-market goods n.e.c.	Not applicable
18		Grouped goods: a mixture of types of goods which are transported together	
	18.0	Grouped goods	Not applicable
19		Unidentifiable goods: goods which for any reason cannot be identified and therefore cannot be assigned to groups 01-16.	
	19.1	Unidentifiable goods in containers or swap bodies	Not applicable
	19.2	Other unidentifiable goods	Not applicable
20		Other goods n.e.c.	
	20.0	Other goods not elsewhere classified	Not applicable

ANNEX VII: UNECE RECOMMENDATION 21

Codes for Types of Cargo, Packages and Packaging Materials
Cargo Type, One-Digit Code: Descriptions

Code

0

NO CARGO UNIT (LIQUID BULK GOODS): includes i) liquids ii) liquefied gases iii) molten or slurried solids, suitable for continuous mechanical handling for transport by pipeline or loose in a hold, tank or other compartment integral to a means of transport.

1

NO CARGO UNIT (SOLID BULK GOODS): includes i) fine powders ii) granular particles iii) large, lumpy, dry solids, suitable for continuous mechanical handling, for transport by fixed installations (other than pipeline) or loose in a hold or other compartment integral to a means of transport.

2

LARGE FREIGHT CONTAINERS: Goods loaded in/on a freight container 20ft. (6m) or more in external length; includes lift van, swap/swop body, flat, moveable tank or similar articles of transport equipment.

3

OTHER FREIGHT CONTAINERS: Goods loaded in/on a freight container less than 20 ft. (6m) in external length; includes i) rigid Intermediate Bulk Containers (IBCs) ii) aircraft Unit Load Devices (ULDs); excludes i) air mode pallets ii) sea or land mode box-, tank-, post, rack-pallets not exceeding 1.25 m² deck area.

4

PALLETIZED: Goods loaded on a deck; includes i) disposable one-way pallets ii) sea or land mode box-, tank-, post-, rack-pallets not exceeding 1.25 m² deck area iii) slip-sheets iv) air mode pallets v) bricks, ingots, etc. suitably assembled for fork-lift truck handling.

5

PRE-SLUNG: Goods (one or more items) supplied with a sling (or slings) or various materials (natural/artificial fibre, steel wire, etc.) and of various designs (loop, ring, cloverleaf, etc.); includes i) "packaged" timber ii) Flexible Intermediate Bulk Containers (FIBCs).

6

MOBILE SELF-PROPELLED UNITS: includes i) road motor vehicles (lorries, buses, cars) and accompanying trailers, semi-trailers, caravans engaged in goods/passenger transport ii) motorised road, agricultural, industrial, etc. vehicles moving in trade iii) live animals "on the hoof" iv) passengers on foot.

7

OTHER MOBILE UNITS: non-self-propelled vehicles and equipment on wheels; includes i) unaccompanied trailers, semi-trailers railwagons, ship-borne barges engaged in goods transport ii) caravans and other road, agricultural, industrial, etc. vehicles iii) ship-borne port-to-port trailers.

8

RESERVED

9

OTHER CARGO TYPES: all cargo not elsewhere enumerated (i.e. the residual types of cargo carried in transport: "break-bulk" or "general" cargo, e.g. boxes, drums, bags, etc. and loose, unpacked items such as pipes, rods, etc.).

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