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#### Working Party on Inland Water Transport

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Item 5 (b) of the provisional agenda

**Inland waterway infrastructure: Inventory of main standards and parameters of the E waterway network (“Blue Book”)**

### **Information on the second revision of the UNECE Inventory of Main Standards and Parameters of the E-Waterway Network (“Blue Book”)**

#### **Note by the secretariat**

## **I. Introduction**

1. This document contains the draft second revised edition of the UNECE Inventory of Main Standards and Parameters of the E-Waterway Network (“Blue Book”) (ECE/TRANS/SC.3/144/Rev.1), prepared in accordance with the decision of the fifty-fourth session of the Working Party on Inland Water Transport (SC.3) (ECE/TRANS/SC.3/187, para. 16). The current draft incorporates the information submitted by the Governments of Belarus, Belgium, Bulgaria, Croatia, Czech Republic, France\*, Germany, Italy, Lithuania, Luxembourg, Netherlands, Russian Federation, Serbia, Switzerland, Ukraine and United Kingdom of Great Britain and Northern Ireland.

2. In accordance with the SC.3 decision to use in the revision of the Blue book the information available in the 2009 PLATINA Inventory of bottlenecks and missing links on the European waterway network (ECE/TRANS/SC.3/187, para. 15), the section on “Bottlenecks and Missing Links in the Network of Main Inland Waterways of International Importance” was revised based on the information provided by PLATINA.

3. The Working Party may wish to approve the draft of the revised Blue Book and issue instructions to the secretariat, if any, on the format of the final publication.

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\* The information was provided by Voies Navigables de France and will be submitted to the Government of France for final approval.

## **II. Draft content of the second revised edition of the UNECE Inventory of Main Standards and Parameters of the E-Waterway Network (“Blue Book”)**

4. In accordance with the original content of the Blue Book, the second revision will contain the following information:
  - A. **List of bottlenecks and missing links in the network of main inland waterways of international importance**
5. The draft content of the list is presented in Annex I.
- B. **Navigational Characteristics of Main European Inland Waterways of International Importance**
6. The draft table on navigational characteristics of main European inland waterways of international importance is presented in Annex II.
  - C. **Parameters of Locks of Inland Waterways of International Importance**
7. The draft table on Parameters of Locks of Inland Waterways of International Importance is presented in Annex III.
  - D. **Technical Characteristics of Inland Navigation Ports of International Importance.**
8. The draft table on Technical Characteristics of Inland Navigation Ports of International Importance is presented in Annex IV.

## Annex I

### List of bottlenecks and missing links in the network of main inland waterways of international importance

#### Austria

Missing links: Danube-Oder-Elbe Connection (E 20).

Basic bottlenecks: none.

Strategic bottlenecks: Danube (E 80) from 2,037.0 to 2,005.0 – low fairway depth (in some locations down to 2.20 m).

#### Belarus

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks:

- Mukhovets (E 40) from Brest to Kobrin – low maximum draught (1.6 m).
- Dneprovsko-Bugskiy Canal (E 40) from Kobrin to Pererub – low maximum draught (1.6 m).
- Pina (E 40) from Pererub to Pinsk – low maximum draught (1.6 m).
- Pripyat (E 40) from Stakhovo to Pkhov – low maximum draught (1.3 m).
- Pripyat (E 40) from Pkhov to Belarus/Ukrainian border – low maximum draught (1.5 m).

#### Belgium

Missing links:

- Meuse – Rhine link.\*
- Maldegem – Zeebrugge (E 07).

Basic bottlenecks:

- Kanaal Bocholt – Herentals (E 01-01), Bocholt – Dessel section.
- Zuid – Willemavaart (E 01-01), section Bocholt – Belgium/Netherlands border.
- Gent – Oostende Canal (E 02), Brugge – Beernem section.

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\* This link is not mentioned in the AGN Agreement and its inclusion into the Inventory has been suggested by the Government of Belgium.

- Harelbeke – Halluin lock (E 02) – upgrading from class II to class IV. The project is under way.
- Plassendale – Nieuwpoort Canal (E 02-02-01).
- Charleroi-Bruxelles Canal (E 04), Lembeek – Bruxelles section – upgrading the height under bridges and improvement of the waterway is required.
- Bossuit – Kortrijk Canal (E 05-01), Zwevegem – Kortrijk section.
- Dender (E 05-04), Aalst – Dendermonde section.

Strategic bottlenecks:

- Condé-Pommeroeul Canal (E 01) – re-opening of section currently not in service.
- Nimy-Blaton-Peronne Canal (E 01) – upgrading to class Va.
- Canal du Centre (E 01) – upgrading to class Va.
- Charleroi-Bruxelles Canal (E 01) – upgrading to class Va.
- Meuse (E 01) in Ivoz-Ramet and Ampsin-Neuville (E 01) – upgrading to class VIb.
- Meuse (E 01) from Pont d'Ougrée to Liège – upgrading from class Vb to class VIb is envisaged.
- Canal de Lanaye (E 01) – building of a class VIb lock is under way.
- Lys Mitoyenne – Lys (Menin – Deinze section) and Lys Derivation Canal up to Schipdonk (E 02) – upgrading from class IV to class Vb is envisaged within the Seine – Escaut link project.
- Bruxelles – Schelde (E 04) – upgrading from class Va to class VIb is envisaged.
- Haut Escaut (E 05) on section Bléharies-Hérinnes – Tournai passage – upgrading to class Va.
- Boven-Zeeschlede (E 05) on section Gent circular canal – Baasrode – upgrading from class IV to class Va is under consideration.
- Albertkanaal (E 05), Wijnegem passage and section Kanne – Liège – upgrading from class Vb to class VIb is envisaged.

## Bosnia and Herzegovina

Missing links: none.

Basic bottlenecks: Sava (E 80-12) 507.0–174.8 km – upgrading from classes III/IV to classes IV/Va.

Strategic bottlenecks: none.

## Bulgaria

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks: Danube from 845.5 to 375.0 km – low fairway depth at dry seasons (below 2.50 m – value recommended by the Danube Commission) at several critical sections i.e.:

- from 845.5 to 610.0 km, with fairway depth limited to 2.10–2.20 m for 10–15 days a year, and
- from 610.0 to 375.0 km, with fairway depth limited to 1.80–2.00 m for 20–40 days a year.

## Croatia

Missing links: Danube – Sava Canal (E 80-10) from Vukovar to Samac.

Basic bottlenecks: Sava (E 80-12) from Sisak to Serbian/Croatian State border – upgrading from class III/IV to classes IV (section between Sisak and Brčko) and Va (section between Brčko and Serbian/Croatian State border).

Strategic bottlenecks: none.

## Czech Republic

Missing links: Danube – Oder – Elbe Connection (E 20 and E 30).

Basic bottlenecks: Elbe (E 20) from State border to Ústí nad Labem – extremely low fairway depth at dry seasons (0.9–2.0 m), in the years 1997–2004, the draught was less than 1.40 m during 160–262 days a year making the section commercially non-navigable; the construction of two locks is necessary.

Strategic bottlenecks:

- Elbe (E 20) from Mělník to Chvaletice – narrow width of lock gates (12.0 m); from Chvaletice to Pardubice the construction of a lock at Přelouč is necessary.
- Vltava (E 20-06) – From Mělník to Praha – low height under bridges (4.5 m) and narrow width of lock gates (11.0 m).

## Finland

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks: Saimaa Canal (E 60-11) from Vyborg (Russian Federation) to Kuopio/Joensuu – upgrading to class Va is envisaged.

## France

Missing links:

- Seine – Moselle Link (E 80).

- Seine – Escaut Link (E 05).\*
- Saône – Moselle Link (E 10-02)/Saône – Rhine Link (E 10).\*\*

Basic bottlenecks:

- Meuse (E 01-02) between Givet and the Belgian border – upgrading to class IV is under way.
- Seine (E 80-04) between Bray-sur-Seine et Nogent – upgrading is envisaged.

Strategic bottlenecks:

- Oise (E 80) from Creil to Compiègne – low draught and height under bridges (3.00 m and 5.76 m, respectively) – increasing the water draught up to 4.00 m is envisaged.
- Oise (E 80) from Conflans to Creil – low draught and height under bridges (3.40 m and 5.18 m, respectively) – increasing the water draught up to 4.00 m is under way.
- Moselle (E 80) – lifting of bridges between Metz and Apach enabling 3-layer container transport – works completed, service available 300 days per year.
- Network Nord Pas-de-Calais (E 02 and E 05) – lifting of bridges and upgrading of links with Belgium to class Va. Lifting to 5.25 m is being finalized, lifting to 7.00 m is envisaged.
- Deûle and Deûle Canal (E 02) from Quesnoy/Deûle to Lille – upgrading to class Va is under way, increasing the water draught up to 3.50 m is envisaged, from Lille to Bauvin – low height under bridges (5.06 m), lifting to 5.25 m is being finalized.
- Lys mitoyenne (E 02) – increasing the water draught up to 3.50 m is envisaged.
- Dunkerque – Escaut link and Escaut (E 01) up to Condé – low height under bridges (4.44 m), lifting to 5.25 m is being finalized.
- Escaut (E 01) – increasing the water draught up to 3.50 m is under way.
- Condé – Pommeroeul Canal (E 01) – increasing the water draught up to 3.50 m is envisaged.
- Rhône – Sète Canal (E 10-04) – upgrading to class Va is under way.
- Saône (E 10) – extension of Couzon lock to 190.0 m by 11.40 m is envisaged.

## Germany

Missing link: none.

Basic bottlenecks:

- Saale (E 20-04) from Calbe to the mouth into the Elbe upgrading to class IV is under way.

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\* Currently Voies Navigables de France are implementing the Seine-Schelde waterway project, including the 106 km long Seine-Nord Europe Canal (E 05, class Vb). The canal will provide a link from the Rhine basin to the currently isolated western part of E 80 and E 80-04.

\*\* Public debate on the possibility of a Saône-Moselle/Saône-Rhine Link provided by the Grenelle Law.

- Mittellandkanal (E 70) – sections which have not yet been modernized are being upgraded to class Vb. The project is under way.
- Elbe – Havel – Kanal (E 70) – upgrading from class IV to class Vb is under way.
- Untere Havel – Wasserstraße (E 70) from Plauen to Spree – upgrading from class IV to class Vb is under way.
- Berlin region waterways (various sections) upgrading to classes IV and Va is under way.
- Havel – Oder – Wasserstraße (E 70) – upgrading from class IV to class Va is under way to enable navigation of vessels with three layers of containers.

Strategic bottlenecks:

- Rhine (E 10) – low fairway depth at dry seasons: downstream from Duisburg (2.5 m) and from St. Goar to Mainz (1.9 m) and low height under bridges at Kehl/Strasbourg (6.75 m).
- Rhine – Herne Kanal (E 10-03) – upgrading to class Vb is under way on sections which have not yet been modernized.
- Dortmund – Ems Kanal (E 13) from 108.3 km to 21.5 km – upgrading to class Vb is under way.
- Weser (E 14) from 360.7 km to Minden – low fairway depth (2.5 m).
- Elbe (E 20): lower Elbe – need for lifting of bridges for container transport with three layers of containers; middle Elbe from Lauenburg upstream to the border between Germany and the Czech Republic – low fairway depth at dry season (1.4 m).
- Mosel (E 80) – construction of 10 second lock chambers is under way.
- Main (E 80) upstream from Würzburg – low fairway depth (2.5 m).
- Danube (E 80) from Straubing to Vilshofen – low fairway depth (1.55 m).
- Danube (E 80) – low height under the railway bridge in Deggendorf (km 2,285.87) – 4.70 m – upgrading to 7.00 m is under way.
- Danube (E 80) – low height under bridges at Bogen (km 2,311.27) – 5.00 m; at Passau (km 2,225.75) – 5.15 m and (km 2,230.28) – 6.30 m – upgrading to 7.00 m is necessary.
- Weser (E 14) – upgrading of Minden and Dörverden Locks.

Other bottlenecks, the elimination of which is anticipated to become economically viable only in the framework of a replacement programme supported by a particular investment scheme:

- Dortmund – Ems Kanal (E 13) to the North of the Mittellandkanal – a number of locks have a width of only 10.00 m.
- Datteln – Hamm Kanal (E 10-01) – to the East of the Hamm Harbour.
- Neckar (E 10-07) – adaptation of fairway width and lock dimensions to class Va waterway.
- Canals branching off from the Mittellandkanal (E 70-02, 70-04 and 70-06) – low fairway depth and height under bridges (2.00 m and 4.00 m, respectively), insufficient dimensions of locks.

- Oder – Spree Kanal (E 71) – upgrading from class III to class IV is required especially with regard to locks.

## Hungary

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks:

- Danube (E 80) joint Slovak – Hungarian section from Sap (1,810.0 km) to 1,708.2 km – low maximum draught at dry seasons (1.70 m) and height under bridges: road bridge Medved'ov (1,806.35 km) – 8.85 m; railway bridge Komárno (1,770.4 km) – 8.10–8.15 m; road bridge Komárno (1,767.8 km) – 7.75 m. Upgrading to 2.50 m and 9.10 m respectively is required.
- Danube (E 80), the section from 1,708.2 km to 1,433.0 km – low maximum draught (1.50–1.70 m)
- Danube (E 80) – low height under the road/rail bridge at Dunaföldvár (1,560.55 km) – 8.73 m – upgrading to 9.10 m is required.
- Danube (E 80) – low height under the road/rail bridge at Baja (km 1,480.22) – 8.09 m – upgrading to 9.10 m is required.

## Italy

Missing links:

- Milano – Po Canal (E 91) from Milano to Pizzighettone.
- Padova – Venezia Canal (E 91-03) from Romea Dock to Padova.

Basic bottlenecks:

- Cremona – Casale Monferrato (E 91-02) – upgrading from class III to class IV is envisaged.

Strategic bottlenecks:

- Fissero – Tartato – Canalbianco waterway (E 91-01) from Ostiglia to Baricetta lock – upgrading from class IV to class Va is envisaged.
- Veneta Lateral Waterway (E 91) from Marghera to Porto Nogaro – upgrading from class IV to class Va is envisaged.

## Lithuania

Missing links: none.

Basic bottlenecks: Nemunas (E 41) from Kaunas to Jurbarkas and from Jurbarkas to Klaipeda – insufficient depth of the fairway (1.20 m and 1.50 m, respectively).

Strategic bottlenecks: none.

## Luxembourg

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks: none.

## Moldova

Missing links: none.

Basic bottlenecks:

- Prut (E 80-07) from the mouth to Branest – upgrading from class II to class Va is required.
- Nistru (E 90-03) from Ukraine/Moldova State border to Bender – upgrading from class III to class Va is required.

Strategic bottlenecks: none.

## Netherlands

Missing links: none.

Basic bottlenecks: Zuid-Willemsvaart up to Veghel (E 70-03) – upgrading to class IV is under way.

Strategic bottlenecks:

- IJssel (E 70) from Arnhem to Zutphen – upgrading to class Va is under way.
- Upgrading of the Zwartsluis at Meppel-Ramspol (E 12-02) is under way.
- Upgrading of the Lemmer-Delfzijl section (E 15) to class Va enabling 4-layer container transport is under way.
- Twente Canal (E 70) – upgrading to class Va is under way and an increase of the capacity of the Eefde lock to be carried.
- Lekkanaal (E 11-02) – upgrading of the Beatrix lock.
- Maas route (E 01) – upgrading to class Vb enabling 4-layer container transport.\*
- E 06 waterway – increasing the capacity of the Kreekrak locks.\*\*
- E 03 waterway – increasing the capacity of the Volkerak locks and Terneuzen locks.\*\*
- IJsselmeer – Meppel (E 12) – insufficient fairway depth and/or width.
- Amsterdam – Rijnkanaal (E 11) – upgrading of the Zeeburg locks to class VIb is under way.

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\* The project is under study and is expected to be carried out in 2012–2018.

\*\* The realization of this project is conditional upon agreement between the Governments of the Netherlands and Belgium.

- Zaan (E 11-01) – adaptation to class Va with regard to fairway depth and/or width – height under the bridges and lock capacity is required.
- Noordzeekanaal (E 11) – upgrading of sea locks at IJmuiden to class VIc is envisaged.

## Poland

Missing links: Danube – Oder – Elbe Connection (E 30).

Basic bottlenecks:

- Oder (E 30) from Widuchowa to Kozle – upgrading from classes II and III to class Va is required.
- Gliwice Canal (E 30-01) – upgrading from class III to class Va is required.
- Wisla (E 40) from Biala Gora to Wloclawek and from Plock to Warszawa – upgrading from classes I and II to class Va is required.
- Zeran Canal (E 40) from Zeran to Zegrze Lake – upgrading from class III to class Va is required.
- Bug (E 40) from Zegrze Lake to Brest – upgrading to class Va is required. The depth is limited to 0.80 m for 210 days a year.
- Warta – Notec – Bydgoski Canal (E 70) from Kostrzyn to Bydgoszcz – upgrading from class II to class Va is required.
- Wisla (E 70) from Bydgoszcz to Biala Gora – upgrading from class II to class Va is required.
- Szkarpawa (E 70) from Gdanska Glova to Elblag – upgrading from class III to class Va is required.

Strategic bottlenecks: Oder (E 30) from Szczecin to Widuchowa – upgrading from class IV to class Vb is expected.

## Romania

Missing links:

- Danube – Bucuresti Canal (E 80-05).
- Olt (E 80-03) up to Slatina.

Basic bottlenecks:

- Prut (E 80-07) from the mouth to Ungheni.
- Bega Canal (E 80-01-02) up to Timisoara.

Strategic bottlenecks:

- Danube (E 80) from 863 to 175 km – low fairway depth at dry seasons (below 2.50 m – value recommended by the Danube Commission) at several critical sections, i.e.:
  - from 863 to 845.5 km, with fairway depth limited to 2.20–2.30 m for 7–15 days a year;

- from 845.5 to 610 km, with fairway depth limited to 2.10–2.20 m for 10–15 days a year;
- from 610 to 375 km, with fairway depth limited to 1.80–2.00 m for 20–40 days a year;
- from 375 to 300 km, with fairway depth limited to 1.60–2.20 m for 30–70 days a year;
- from 300 to 175 km, with fairway depth limited to 1.90–2.10 m for 15–30 days a year.
- Danube (E 80) from 170 km to the Black Sea – low fairway depth at dry seasons (below 7.30 m – value recommended by the Danube Commission) at several critical points, i.e. at 73, 57, 47, 41 and 37 nautical miles and at the Sulina bar at the mouth of the Sulina Canal where it meets the Black Sea, where the fairway depth is limited to 6.90–7.00 m for 10–20 days a year.

## Russian Federation

Missing links: none.

Basic bottlenecks: none.

Strategic bottlenecks:

- Don (E 90) from Kalach to Azov – low water depth below the Kochetov Lock (162.0 km).\*
- Volga (E 50) – low water depth from the Gorkovsky hydroelectric complex to Nizhni Novgorod.\*\*
- Volgo-Baltijskiy waterway (E 50) – the Nijne-Svirski hydro-electrical complex. \*\*\*

## Serbia

Missing links: none

Basic bottlenecks: Begej (E 80-01-02) from its mouth to the Serbian/Romanian border – upgrading from class III to at least class Va is required.

Strategic bottlenecks:

- Danube (E 80) from 1,405.6 to 1,227.9 km – narrow fairway conditions.
- Danube (E 80) – low height under the railway bridge at Bogojevo (1,366.5 km) – 8.15 m – upgrading to 9.10 m is required.

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\* In 2008 the second lock at the Kochetovsky hydraulic complex became operational. To eliminate the insufficient draught, the construction of a low-head hydraulic complex near the Bagaevsky village is being considered.

\*\* Due to the fact that the Tcheboksary Reservoir is not filled up to the project level and that the water level of the Volga River at the Nijniy Novgorod – Gorodets section went down, the depth of 3.50 m at sill of the Gorodetski Lock is only ensured for 2–3 hours a day. To eliminate the insufficient draught it is planned to build a low-head hydraulic complex in the area of Boljshoe or increase the water level of the Tcheboksary Reservoir.

\*\*\* The construction of a second lock is planned.

- Danube (E 80) from 863 to 845.5 km – low fairway depth at dry seasons (below 2.50 m – value recommended by the Danube Commission) with fairway depth limited to 2.20–2.30 m for 7–15 days a year.
- Danube (E 80) at Novi Sad (1,254.25 km) – low height under a temporary road/railway bridge (6.82 m).
- Sava (E 80-12) from its mouth to the State border – upgrading to at least class Va is required.
- Tisza (E 80-01) – upgrading from class IV to class Va is under study.

## Slovakia

### Missing links:

- Danube – Oder – Elbe Connection (E 20 and E 30).
- Váh – Oder Link (E 81).

**Basic bottlenecks:** Váh (E 81), from Sered'/Hlohovec (73.0–74.0 km) to Žilina (242.0–243.0 km) – insufficient fairway depth. Canalization of the river and its upgrading from class III to class Va in conjunction with the construction of new locks, and reconstruction of existing locks, are required.

### Strategic bottlenecks:

- Danube (E 80) from Devín (1,880.26 km) to Bratislava (1,867.0 km) – upgrading from class VIb to class VIc when going downstream.
- Danube (E 80) from Devín (1,880.26 km) to Devínska Nová Ves (Morava (E 30), 6.0 km) – upgrading to class Vb.
- Danube (E 80) – insufficient height under bridges: at Bratislava (1,868.14 km) – 7.59 m, at locks of the Gabčíkovo Hydro Electrical Complex (1,826.55 km and 1,819.3 km) – 8.90 m. Upgrading is required up to 9.10 m.
- Danube (E 80) from Sap (1,810.0 km) to the mouth of the Ipel' River (1,708.2 km) – insufficient depth at low water level and insufficient height under the bridges.
- Váh (E 81) from Kráľová (63.1 km) to Hlohovec (101.9 km) – construction of Sered'-Hlohovec hydraulic complex and reconstruction of canals and locks is required in order to upgrade this section of the river to class VIa.
- Váh (E 81) from Komárno (0.0 km) to Selice (42.0 km) – low maximum draught (1.6 m). Navigable conditions will improve after the construction downstream on the Danube of the Gabčíkovo-Nagymaros hydraulic works.

## Switzerland

### Missing links: none.

### Basic bottlenecks: none.

### Strategic bottlenecks: none.

## Ukraine

Missing links: none.

Basic bottlenecks:

- Desna (E 40-01) from the mouth to Chernihiv – upgrading from class III to class IV is required.
- Danube, Kilia arm (E 80-09) – upgrading the fairway depth and/or width.
- Dnestr (E 90-03) from Belgorod Dnestrovsky to Ukraine/Moldova border – upgrading from class III to class Va is required.

## Annex II

### Table I

### Navigational Characteristics of Main Inland Waterways of International Importance

#### Explanations of Table I

Data for each section of E waterways are given in two lines: the upper line represents target values to be achieved as a result of envisaged modernization of existing waterway or construction of a new water link, while the lower one shows existing parameters. Maximum admissible length and width of vessels/convoy are separated by a slash.

The draught (d) and the minimum height under bridges (H) indicated in Table I are given in relation to the Low Navigable Water Level (LNWL) for the draught and the Highest Navigable Water Level (HNWL) for the height under bridges. The LNWL corresponds to a long-term mean water level reached or exceeded on all but 20 ice-free days per year (approximately between 5 per cent and 6 per cent of the ice-free period). The HNWL corresponds to a level existing for not less than 1 per cent of the navigation period, established on the basis of observations over a substantial number of years (30 to 40 years), excluding periods when there was ice.

The suitability of a particular waterway for combined transport is marked as follows:

- A – Waterways suitable for combined transport. This means that inland navigation vessels with a width of 11.40 or 11.45 m and a length of approximately 110 m are able to operate on such waterways carrying three or more layers of containers, 50 per cent of containers being empty. Otherwise a permissible length of pushed convoys of 185 m should be possible, in which case they could operate with two layers of containers, 50 per cent of containers being empty;
- B – Waterways suitable for combined transport but restrictions apply. This is mainly interpreted by Governments as inland waterways allowing the transport of at least two layers of containers, 50 per cent or less of them being empty, sometimes with the use of ballasting;
- C – Waterways not suitable for combined transport. These are the waterways where the transport of even two layers of containers is impossible.

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 01	DUNKERQUE - VALENCIENNES CANAL Dunkerque - Bouchain	148.0	.../143.0	11.40/11.40	3.00	6.50	Va	A	
			.../143.0	11.40/11.40	3.00	4.54	Va	...	
	ESCAUT Bouchain - Condé	13.0	.../143.0	11.40/11.40	2.50	6.50	Va	A	
			.../143.0	11.40/11.40	2.50	4.75	Va	...	
	CONDÉ - POMMEROEUL CANAL Condé - Hensies	5.9	84.7/143.0	10.00/11.40	2.50	6.80	IV	A	
			84.7/143.0	10.00/11.40	-	6.80	IV	A	
	CONDÉ - POMMEROEUL CANAL Hensies - Pommeroeul	6.1	145.0/145.0	11.40/11.40	3.00	7.10	Va	A	
			145.0/145.0	11.40/11.40	3.00	7.10	Va	A	
	NIMY - BLATON - PERONNES CANAL Pommeroeul - Nimy	16.8	145.0/145.0	11.40/11.40	2.50	5.25	Va	A	
			145.0/145.0	11.40/11.40	2.50	5.25	Va	A	
	CANAL DU CENTRE Nimy - Seneffe	24.8	110.0/110.0	11.40/11.40	2.50	5.25	Va	A	
			110.0/110.0	11.40/11.40	2.50	5.25	Va	A	
	CHARLEROI - BRUXELLES CANAL Seneffe - Charleroi	26.2	110.0/110.0	11.40/11.40	2.50	6.05	Va	A	
			110.0/110.0	11.40/11.40	2.50	6.05	Va	A	
	SAMBRE Charleroi - Namur	48.8	110.0/110.0	11.40/11.40	2.50	6.05	Va	A	
			110.0/110.0	11.40/11.40	2.50	6.05	Va	A	
	MEUSE Namur - Ivoz-Ramet	50.6	196.0/196.0	12.50/12.50	3.00	6.60	Va	A	
			196.0/196.0	12.50/12.50	3.00	6.60	Va	A	
	MEUSE Ivoz-Ramet - Liège	16.6	196.0/196.0	12.50/12.50	3.40	7.00	Vb	A	
			196.0/196.0	12.50/12.50	3.40	7.00	Vb	A	
	ALBERTKANAAL Liège - Lanaye	17.0	196.0/196.0	23.00/23.00	3.40	7.50	Vlb	A	
			196.0/196.0	23.00/23.00	3.40	7.50	Vlb	A	
	CANAL DE LANAYE Lanaye	1.9	196.0/196.0	23.00/23.00	3.20	8.50	Vlb	A	
			135.0/135.0	15.00/15.00	3.20	8.50	Va	A	

\* Upper line – target value.  
Lower line – present value.



\*\* A – Suitable for combined transport.  
B – Suitable, but restrictions apply.  
C – Not suitable for combined transport.

\*\*\* Values applicable to single units/convoys.  
\*\*\*\* Takes into account security clearance of about 30 cm between the uppermost point of the vessel's structure or its load and a bridge.

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 01 (continued)	MAAS Lanaye - Maastricht	12.3	137.5/185.0	14.00/12.50	3.00	6.70	Va	A	
			137.5/100.0	14.00/12.00	3.00	6.70	Va	A	
	MAAS Maastricht - Heumen	119.6	110.0/137.5	12.00/11.50	3.00	7.00	Vb	A	
			110.0/137.5	12.00/11.50	3.00	7.00	Va	A	
	MAAS Heumen - Moerdijk	84.9	137.5/185.0	13.50/13.50	3.00	7.00	Vb	A	
			137.5/113.5	13.50/13.50	3.00	7.00	Va	A	
	DORDTSCHE KIL AND NOORD Moerdijk - Rotterdam	22.0	225.0/229.5	23.50/22.90	5.00	42.50 <sup>1</sup>	Vlc	A	
			225.0/153.0	23.50/34.35 <sup>2</sup>					
			225.0/229.5	23.50/22.90	5.00	42.50 <sup>1</sup>	Vlc	A	
			225.0/153.0	23.50/34.35 <sup>2</sup>					
E 01-02	MEUSE Namur - Givet (site of 3 fontaines)	46.4	98.0/99.70	11.80/11.80	2.50	5.63	IV	A	
			98.0/99.70	11.80/11.80	2.50	5.63	IV	A	
E 01-04	BASSE MEUSE Liège - Visé	13.8	135.0/135.0	15.00/15.00	2.80	7.90	Va	A	
			135.0/135.0	15.00/15.00	2.80	7.90	Va	A	
E 01-04-01	MONSIN CANAL	0.7	135.0/135.0	15.00/15.00	3.40	9.20	Va	A	
			135.0/135.0	15.00/15.00	3.40	9.20	Va	A	
E 01-01	KANAAL DESSEL - KWAADMECHELEN Kwaadmechelen - Kom van Dessel	15.8	110.0/110.0	11.50/11.50	2.80	5.50	Va	B	
			110.0/110.0	11.50/11.50	2.80	5.20	Va	C	
	KANAAL BOCHOLT - HERENTALS Kom Dessel - sluis 1 Lommel	4.1	85.0/85.0	9.50/9.50	2.80	5.50	IV	B	
			55.0/55.0	7.30/7.30	2.10	4.93	II	C	
	KANAAL BOCHOLT - HERENTALS Sluis 1 Lommel - Bocholt	27.1	85.0/85.0	9.50/9.50	2.80	5.50	IV	B	
			85.0/85.0	8.30/8.30	2.50	5.50	II	C	
	ZUID - WILLEMSVAART Bocholt - up to the Belgium/Netherlands border	4.9	85.0/85.0	9.50/9.50	2.80	5.50	IV	B	
			52.0/52.0	6.70/6.70	1.90	5.15	II	C	
	ZUID - WILLEMSVAART From the Belgium/Netherlands border to Nederweert	14.2	85.0/85.0	9.50/9.50	2.50	5.30	IV	B	
			65.0/65.0	7.25/7.25	2.10	5.30	II	C	
	WESSEM - NEDERWEERT KANAAL	16.3	85.0/85.0	9.50/9.50	2.50	5.20	IV	B	
			65.0/65.0	7.25/7.25	2.10	5.20	II	C	
E 01-06	KANAAL VAN ST. ANDRIES	1.9	110.0/110.0	13.50/13.50	3.50	11.90	Va	A	
			110.0/110.0	13.50/13.50	3.50	11.90	Va	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 01-03	ZUID - WILLEMSVAART Maas - 's Hertogenbosch	5.9	90.0/90.0	12.00/12.00	3.00	7.00	IV	B	
			90.0/90.0	12.00/12.00	2.70	5.80	IV	B	
	ZUID - WILLEMSVAART 's Hertogenbosch - Veghel	19.0	85.0/85.0	9.50/9.50	3.00	7.00	IV	B	
			90.0/90.0	6.70/6.70	2.70	5.80	IV	B	
E 02	BOUDEWIJN CANAL Zeebrugge - Brugge	12.0	.../...	.../...	...	...	Vlb	A	 Sea vessels route
			125.0/125.0	12.00/12.00	4.75	...	Vlb	A	
	GENT - OOSTENDE CANAL Brugge - Beernem	13.8	89.7/89.7	10.20/10.20	2.50	7.50	IV	B	
			89.7/89.7	10.20/10.20	2.50	7.50	IV	B	
	GENT - OOSTENDE CANAL Beernem - Schipdonk	19.1	100.0/100.0	10.20/10.20	2.50	7.00	IV	B	
			100.0/100.0	10.20/10.20	2.50	7.00	IV	C	
	LYS BYPASS CANAL Schipdonk - Deinze	14.9	185.0/185.0	11.40/11.40	2.50	7.50	Vb	A	
			110.0/110.0	11.40/11.40	2.50	7.50	Va	A	
	LYS Deinze - Ooigem	15.5	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			110.0/110.0	11.40/11.40	2.50	5.53	Va	A	
	LYS Ooigem - Harelbeke lock	6.5	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			110.0/110.0	11.40/11.40	2.50	6.49	Va	C	
	LYS Harelbeke lock - Halluin	15.8	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			70.0/70.0	7.60/7.60	2.30	4.42	II	C	
	LYS MITOYENNE Halluin - Wervik	9.1	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			85.0/85.0	10.30/10.30	2.30	4.73	IV	C	
	LYS MITOYENNE Belgian Commune of Comines	8.7	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			85.0/85.0	10.30/10.30	2.30	4.73	IV	C	
	DEÛLE AND DEÛLE CANAL Deûlémont - Quesnoy	6.0	110.0/110.0	11.40/11.40	2.50	6.50	Va	A	Upgrading to class Va is under way
			70.0/80.0	5.05/7.00	2.30	5.55	II	...	
	DEÛLE AND DEÛLE CANAL Quesnoy/Deûle - Lille (Grand Carré)	8.7	110.0/110.0	11.40/11.40	2.50	6.50	Va	A	Upgrading to class Va is under way
			70.0/80.0	5.05/7.00	2.30	4.50	II	...	
	DEÛLE AND DEÛLE CANAL Lille (Grand Carré) - Bauvin	19.2	.../143.0	11.40/11.40	3.00	6.50	Va	A	
			.../143.0	11.40/11.40	3.00	5.09	Va	B	
E 02-02	GENT - OOSTENDE CANAL Brugge - Oostende	21.0	125.0/185.0	12.00/12.00	3.35	7.00	Vb	A	
			125.0/185.0	12.00/12.00	2.50	5.50	Vb	B	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS	
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)					
1	2	3	4	5	6	7	8	9	10	
E 02-02-01	PLASSENDALE - NIEUWPOORT CANAL Plassendale - Gistelbrug	21.0	110.0/110.0	11.50/11.50	2.50	7.00	Va	A		
			60.0/60.0	6.35/6.35	2.00	5.40	I	C		
	PLASSENDALE - NIEUWPOORT CANAL Gistelbrug - Snaaskerke		110.0/110.0	11.50/11.50	2.50	7.00	Va	A		
			60.0/60.0	8.05/8.05	2.00	5.50	I	C		
	PLASSENDALE - NIEUWPOORT CANAL Snaaskerke - Nieuwpoort		110.0/110.0	11.50/11.50	2.50	7.00	Va	A		
			60.0/60.0	8.05/8.05	2.00	7.00	I	C		
E 02-04	ROESELARE - LEIE CANAL	16.5	110.0/110.0	11.50/11.50	2.50	7.00	Va	A		
			110.0/110.0	11.50/11.50	2.50	6.00	Va	A		
E 03	NIEUWE MERWEDE Gorinchem - Moerdijk	22.5	225.0/229.5	23.50/22.90	4.00	7.80	Vlb	...		
			225.0/153.0	23.50/34.35 <sup>2</sup>						
			225.0/229.5	23.50/22.90	4.00	7.80	Vlb	...		
			225.0/153.0	23.50/34.35 <sup>2</sup>						
	SCHELDE - RIJN CONNECTION Moerdijk - Terneuzen	101.7	150.0/200.0	23.50/23.50	4.00	9.10	Vlb	A		
			150.0/200.0	23.50/23.50	4.00	9.10	Vlb	A		
	GENT - TERNEUZEN CANAL	32.6	140.0/193.0	22.80/22.80	5.50 - 12.50	51.00	Vlb	A	Sea vessels route	
			140.0/193.0	22.80/22.80	5.50 - 12.50	51.00	Vlb	A		
E 04	GENT CIRCULAR CANAL Gent - Terneuzen - Boven-Schelde Canal	17.1	185.0/185.0	16.00/16.00	3.50	9.10	Vb	A		
			110.0/110.0	11.50/11.50	3.50	7.00	Va	A		
	WESTERSCHELDE Vlissingen - Terneuzen - Hansweert - Antwerpen	65.0	135.0/195.0	15.00/22.80	4.50	No restrictions	Vlb	A	Sea vessels route	
			135.0/195.0	15.00/22.80	4.50	No restrictions	Vlb	A		
	BENEDEN-ZEESCHELDE Antwerpen	30.8	135.0/195.0	15.00/22.80	4.50	No restrictions	Vlb	A	Sea vessels route	
			135.0/195.0	15.00/22.80	4.50	No restrictions	Vlb	A		
	BOVEN-ZEESCHELDE Antwerpen - Wintam	8.7	135.0/195.0	15.00/22.80	4.50	45.00	Vlb	A	Sea vessels route	
			135.0/195.0	15.00/22.80	4.50	45.00	Vlb	A		
E 05	BRUXELLES - SCHELDE CANAL Wintam - Sauvegarde	3.6	220.0/220.0	23.00/23.00	9.00	45.00	Vlb	A		
			220.0/220.0	23.00/23.00	8.50	45.00	Vlb	A		
	BRUXELLES - SCHELDE CANAL Sauvegarde - Bruxelles	28.0	205.0/205.0	22.80/22.80	5.80	32.00	Vlb	A		
			205.0/205.0	15.00/15.00	5.80	30.00	Vb	A		
E 06	CHARLEROI - BRUXELLES CANAL Bruxelles - Clabecq	21.6	81.6/81.6	10.50/10.50	3.00	5.25	IV	B		
			81.6/81.6	10.50/10.50	2.50	4.50	IV	C	Canal	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 04 (continued)	CHARLEROI - BRUXELLES CANAL Clabecq - Seneffe	19.7	85.0/85.0	10.30/10.30	2.50	4.75	IV	B	Dredging in progress
			85.0/85.0	10.30/10.30	2.50	4.75	IV	B	
E 05	SEINE - ESCAUT LINK Compiègne - Escaut	48.1	.../180.0	11.40/11.40	3.00	6.50	Vb	A	New link to be built
			.../...	.../...	...	...	...	...	
	HAUT ESCAUT Condé - Bléharies	15.0	84.7/84.7	10.00/10.00	2.50	5.80	IV	B	
			84.7/84.7	10.00/10.00	2.50	5.80	IV	B	
	HAUT ESCAUT Bléharies - Herinnes	32.8	110.0/110.0	11.40/11.40	2.60	6.18	Va	A	
			110.0/110.0	11.40/11.40	2.60	6.18	Va	A	
	BOVEN-SCHELDE Herinnes - Bossuit	5.6	110.0/110.0	11.50/11.50	2.50	7.00	Va	A	
			110.0/110.0	11.50/11.50	2.50	6.10	Va	B	
	BOVEN-SCHELDE Bossuit - Asper Lock	30.6	110.0/110.0	11.50/11.50	2.50	7.00	Va	A	
			110.0/110.0	11.50/11.50	2.50	6.50	Va	B	
	BOVEN-SCHELDE Asper Lock - Gent Circular Canal	14.6	110.0/110.0	11.50/11.50	3.00	7.00	Va	A	
			110.0/110.0	11.50/11.50	3.00	7.00	Va	A	
	GENT CIRCULAR CANAL Boven-Schelde - Merelbeke lock	0.9	110.0/110.0	11.50/11.50	3.00	7.00	Va	A	
			110.0/110.0	11.50/11.50	3.00	7.00	Va	A	
	GENT CIRCULAR CANAL Merelbeke lock - Boven-Zeeschelde	3.7	110.0/110.0	11.40/11.40	3	7.00	Vb	A	
			110.0/110.0	11.40/11.40	3	6.70	Vb	B	
	BOVEN-ZEESCHELDE Gent Circular Canal - Dender	28.2	110.0/110.0	11.40/11.40	3	7.00	Va	A	
			85.0/85.0	9.50/9.50	3	6.77	IV	B	
	BOVEN-ZEESCHELDE Dender - Baasrode	10.9	110.0/110.0	12.00/12.00	3	7.00	Va	A	
			85.0/85.0	12.00/12.00	3	7.00	IV	A	
	BOVEN-ZEESCHELDE Baasrode - Durme	10.5	110.0/110.0	12.00/12.00	3	7.00	Va	A	
			95.0/95.0	12.00/12.00	3	7.00	Va	A	
	BOVEN-ZEESCHELDE Durme - Wintam	10.9	135.0/195.0	15.00/22.80	3	45.00	Vlb	A	
			135.0/195.0	15.00/22.80	3	45.00	Vlb	A	
	ALBERTKANAAL Antwerpen - Wijnegem	9.7	134.0/200.0	12.50/22.80	3.40	9.10	Vlb	A	
			134.0/200.0	12.50/12.50	3.40	6.70	Vb	A	
	ALBERTKANAAL Wijnegem - Lanaken	90.0	134.0/196.0	12.50/23.00	3.40	9.10	Vlb	A	
			134.0/196.0	12.50/23.00	3.40	6.90	Vlb	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 05 (continued)	ALBERTKANAAL Lanaken	1.0	134.0/196.0	12.50/23.00	3.40	9.10	Vlb	A	
			134.0/134.0	12.50/12.50	3.40	7.00	Va	A	
	ALBERTKANAAL Lanaken - Kanne	10.0	134.0/196.0	12.50/23.00	3.40	9.10	Vlb	A	
			134.0/196.0	12.50/23.00	3.40	6.90	Vlb	A	
E 05-02	NIMY - BLATON - PERONNES CANAL Peronne - Pommeroeul	22.1	85.0/85.0	10.50/10.50	2.50	5.20	IV	B	
			85.0/85.0	10.50/10.50	2.50	5.20	IV	B	
	BOSSUIT - KORTRIJK CANAL Bossuit - Zwevegem	12.7	110.0/110.0	10.00/10.00	2.50	6.36	IV	B	
			110.0/110.0	10.00/10.00	2.50	4.50	IV	C	
E 05-01	BOSSUIT - KORTRIJK CANAL Zwevegem - Kortrijk	2.5	110.0/110.0	10.00/10.00	2.50	6.50	IV	B	
			38.7/38.7	5.15/5.15	1.80	3.93	I	C	
	DENDER Railway bridge Erembodegem - Aalst Lock (incl.)	1.3	41.55/41.55	5.00/5.00	1.90	3.95	I	C	
			41.55/41.55	5.00/5.00	1.90	3.95	I	C	
E 05-04	DENDER Aalst Lock - calibrated section of Dendermonde	11.0	110.0/110.0	9.50/9.50	2.50	7.00	IV	B	
			55.0/55.0	7.30/7.30	2.50	5.06	II	C	
	DENDER Calibrated section of Dendermonde - Dendermonde Lock (incl.)	2.4	110.0/110.0	16.00/16.00	2.50	7.22	Va	A	
			110.0/110.0	11.50/11.50	2.50	7.22	Va	A	
E 05-06	DENDER Sluis Dendermonde - Boven-Zeeschelde	0.2	110.0/110.0	16.00/16.00	<sup>3</sup>	7.00	Va	A	
			110.0/110.0	16.00/16.00	<sup>3</sup>	6.45	Va	B	
	NETEKANAAL Albertkanaal - Vierselsluis	0.1	81.3/81.3	10.30/10.30	2.50	6.95	IV	B	
			81.3/81.3	10.30/10.30	2.50	6.95	IV	B	
E 05-06	NETEKANAAL Vierselsluis - Lier	9.4	81.3/81.3	10.30/10.30	2.50	7.00	IV	B	
			81.3/81.3	10.30/10.30	2.50	5.00	IV	B	
	NETEKANAAL Lier - Duffelsluis	5.7	95.0/95.0	11.40/11.40	2.50	6.95	Va	A	
			95.0/95.0	10.30/10.30	2.50	6.95	IV	A	
E 05-06	NETEKANAAL From Duffelsluis to Beneden - Nete	0.4	95.0/95.0	11.40/11.40	<sup>3</sup>	6.95	Va	A	
			95.0/95.0	10.30/10.30	<sup>3</sup>	6.95	IV	A	
	BENEDEN - NETE	10.2	95.0/95.0	11.40/11.40	<sup>3</sup>	7.00	Va	A	
			80.0/80.0	9.50/9.50	<sup>3</sup>	4.50	IV	C	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 05-06 (continued)	RUPEL	12.0	110.0/110.0	11.40/11.40	<sup>3</sup>	35.00	Va	A	
			95.0/95.0	11.40/11.40	<sup>3</sup>	35.00	Va	A	
E 06	SCHELDE - RIJN CONNECTION Antwerpen - Moerdijk	37.8	150.0/200.0	23.00/23.00	4.00	9.10	Vlc	A	
			150.0/200.0	23.00/23.00	4.00	9.10	Vlc	A	
E 07	GENT - OOSTENDE CANAL Gent Circular Canal - Lovendegem	6.8	185.0/185.0	11.50/11.50	2.80	7.50	Vb	A	
			110.0/110.0	11.50/11.50	2.80	7.50	Va	A	
	GENT - OOSTENDE CANAL Lovendegem - Leie Bypass Canal	5.2	185.0/185.0	11.50/11.50	2.50	7.50	Vb	A	
			110.0/110.0	11.50/11.50	2.50	7.50	Va	A	
	LEIE BYPASS CANAL Gent - Oostende Canal - Balgerhoeke	13.4	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	
			44.1/44.1	6.07/6.07	2.30	4.50	I	C	
	LEIE BYPASS CANAL Balgerhoeke - Zeebrugge	...	185.0/185.0	11.40/11.40	2.50	7.00	Vb	A	New link to be built
			.../...	.../...	...	...	...	...	
E 10	HARTELKANAAL Rotterdam/Europoort - Hartelmond	23.7	125.0/269.5	22.80/22.80	4.00	4.00 <sup>4</sup>	Vlc	A	
			125.0/193.0	22.80/34.20					
			110.0/269.5	22.80/22.80	4.00	4.00 <sup>4</sup>	Vlc	A	
			110.0/193.0	22.80/34.20					
	OUDE MAAS 976.2 km - 1007.0 km	30.8	225.0/229.5 <sup>5</sup>	23.50/22.90 <sup>5</sup>	5.00 <sup>5</sup>	42.50 <sup>1</sup>	Vlc	A	
			225.0/153.0	23.50/34.35					
			225.0/229.5 <sup>5</sup>	23.50/22.90 <sup>5</sup>	5.00 <sup>5</sup>	42.50 <sup>1</sup>	Vlc	A	
			225.0/153.0	23.50/34.35					
	BENEDEN MERWEDE 961.3 km - 976.2 km	14.9	225.0/229.5	23.50/22.90	3.80 <sup>6</sup>	No restrictions <sup>7</sup>	Vlc	A	
			225.0/153.0	23.50/34.35 <sup>2</sup>					
			225.0/229.5	23.50/22.90	3.80 <sup>6</sup>	No restrictions <sup>7</sup>	Vlc	A	
			225.0/153.0	23.50/34.35 <sup>2</sup>					
BOVEN MERWEDE 952.5 km - 961.3 km		8.8	225.0/229.5	23.50/22.90	4.15 <sup>8</sup>	No restrictions <sup>9</sup>	Vlc	A	
			225.0/153.0 <sup>5</sup>	23.50/34.35 <sup>2</sup>					
			225.0/229.5	23.50/22.90	4.15 <sup>8</sup>	No restrictions <sup>9</sup>	Vlc	A	
			225.0/153.0 <sup>5</sup>	23.50/34.35 <sup>2</sup>					

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 10 (continued)	WAAL 867.4 km - 952.5 km	85.1	135.0/269.5	22.80/22.80	2.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
			135.0/193.0	22.80/34.20 <sup>2</sup>					
			135.0/269.5	22.80/22.80	2.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
			135.0/193.0	22.80/34.20 <sup>2</sup>					
	BOVEN-RIJN 857.0 km - 867.4 km	9.7	135.0/269.5	22.80/22.80	3.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
			135.0/193.0	22.80/34.20 <sup>2</sup>					
			135.0/269.5	22.80/22.80	3.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
			135.0/193.0	22.80/34.20 <sup>2</sup>					
RHINE	Lobith - Köln	175.0	135.0/193.0	22.90/34.35	2.50 <sup>12</sup>	9.10	Vlc	A	
			/269.5	/22.90					
			/193.0	/34.35 <sup>13</sup>	2.50 <sup>14</sup>	9.10	Vlc	A	
			135.0/269.5	22.90/22.90					
	Köln - Koblenz	95.0	135.0/193.0	22.90/34.35	2.50 <sup>14</sup>	9.10	Vlc	A	
			/269.5	/22.90					
			135.0/193.0	/34.35 <sup>13</sup>	2.50 <sup>14</sup>	9.10	Vlc	A	
			/269.5	22.90/22.90					
RHINE	Koblenz - Iffezheim	258.0	135.0/186.5	22.90/22.90	2.10 <sup>14</sup>	9.10	Vlb	A	
			135.0/186.5	22.90/22.90	2.10 <sup>15</sup>	9.10	Vlb	A	
	Iffezheim - Niffer	148.0	135.0/186.5	22.80/22.80	3.00	7.00	Vlb	A	
			110.0/183.0	22.80/22.80	3.00	7.00 <sup>16</sup>	Vlb	A	
	RHÔNE - RHINE CANAL <sup>17</sup>	15.5	110.0/190.0	11.45/11.45	4.00	6.75	Vb	A	
			110.0/190.0	11.45/11.45	4.00	6.75	Vb	B	
RHÔNE - RHINE CANAL <sup>17</sup>	Mulhouse - Besançon - St. Symphorien	221.1	-	-	-	-	-	-	
			38.7/38.7	5.10/5.10	1.80	3.50	I	C	
	SAÔNE	81.0	110.0/185.0	11.40/11.40	3.50	4.80	Vb	A	
			110.0/110.0	11.40/11.40	3.50	4.80	Va	A	
	SAÔNE	138.0	110.0/185.0	11.40/11.40	3.50	4.40	Vb	A	
			110.0/185.0	11.40/11.40	3.50	4.40	Vb	A	
RHÔNE	From Chalon to the confluence with the Rhône	244.0	.../190.0	11.40/11.40	3.00	6.30 <sup>18</sup>	Vb	A	
			.../190.0	11.40/11.40	3.00	6.30 <sup>18</sup>	Vb	A	
RHÔNE	Lyon (0.00 km) - Avignon (244.0 km)								

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 10 (continued)	RHÔNE Avignon (244.0 km) - Tarascon (268.0 km)	22.0	.../190.0	11.40/11.40	3.00	7.40 <sup>18</sup>	Vb	A	
			.../190.0	11.40/11.40	3.00	7.40 <sup>18</sup>	Vb	A	
	RHÔNE Tarascon (268.0 km) - Arles (283.0 km)	15.0	.../190.0	11.40/11.40	3.00	7.88 <sup>18</sup>	Vb	A	
			.../190.0	11.40/11.40	3.00	7.88 <sup>18</sup>	Vb	A	
	RHÔNE Arles (283.0 km) - Fos <sup>19</sup> via the Rhône - Fos Canal	43.0	.../190.0	11.40/11.40	3.20	No restrictions	Vb	A	
			.../190.0	11.40/11.40	3.20	No restrictions	Vb	A	
E 10-01	WESEL - DATTELN - KANAL	60.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			110.0/185.0	11.45/11.45	2.80	4.50	Vb <sup>20</sup>	C	
	DORTMUND - EMS - KANAL	2.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			110.0/185.0	11.45/11.45	2.80	4.25	Vb <sup>20</sup>	C	
	DATTELN - HAMM - KANAL To the West of Hamm Harbour	36.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			86.0/86.0	9.60/9.60	2.50	4.00	IV <sup>20 21</sup>	C	
	DATTELN - HAMM - KANAL To the East of Hamm Harbour	11.0	85.0/85.0	9.50/9.50	2.50	4.00	IV <sup>20 21</sup>	C	
			82.0/82.0	9.50/9.50	2.50	4.00	IV <sup>20 21</sup>	C	
E 10-03	RHEIN - HERNE - KANAL 0.16 km (Duisburg) - 39.97 km	39.8	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			110.0/185.0	11.45/11.45	2.50 <sup>22</sup>	4.50	Vb <sup>20 21</sup>	C	
	RHEIN - HERNE - KANAL 39.97 km - Henrichenburg	5.6	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			105.0/160.0	9.60/9.50	2.50	4.50	IV <sup>20</sup>	C	
E 10-05	RUHR 0.01 km - 4.51 km	4.5	110.0/185.0	12.00/12.00	2.80	6.50	Vb	B	
			110.0/185.0	12.00/12.00	2.80	6.50	Vb	B	
	RUHR 4.51 km - 11.65 km	7.2	110.0/110.0	12.00/12.00	2.80	6.50	Va	B	
			110.0/110.0	12.00/12.00	2.80	6.50	Va	B	
E 10-07	NECKAR 0.0 km - 136.1 km	136.1	105.0/105.0	11.45/11.45	2.60	6.00 <sup>23</sup>	Va	B	
			105.0/105.0	11.45/11.45	2.60	6.00 <sup>23</sup>	Va	B	
	NECKAR 136.1 km - 201.5 km	65.4	105.0/105.0	11.45/11.45	2.60	5.50	Va	B	
			105.0/105.0	11.45/11.45	2.60	5.50	Va	B	
E 10-09	RHINE Niffer (Kembs) - Huningue	9.1	110.0/183.0	11.40/22.80	3.00 <sup>24</sup>	8.00	Vlb	A	
			110.0/183.0	11.40/22.80	3.00 <sup>24</sup>	8.00	Vlb	A	
	RHINE Huningue - Bâle (Mittlere Brücke)	3.4	110.0/180.0	11.40/22.80	3.00	7.00	Vlb	A	
			110.0/180.0	11.40/22.80	3.00	7.00	Vlb	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 10-09 (continued)	RHINE Bâle (Mittlere Brücke) - Rheinfelden	17.4	110.0/110.0	11.45/11.45	2.25 <sup>25</sup>	5.10 <sup>26</sup>	Va	A	
			110.0/110.0	11.45/11.45	2.25 <sup>25</sup>	5.10 <sup>26</sup>	Va	A	
E 10-02	SAÔNE - MOSELLE LINK	304.0	.../185.0	11.40/11.40	3.00	7.00	Vb	A	Embranchment to the Rhine (Saône-Moselle/Saône-Rhine project)
			38.5/38.5	5.00/5.00	1.80	3.50	I	C	
E 10-04	PETIT RHÔNE Fourques - Saint-Gilles	21.0	.../190.0	11.40/11.40	2.20	5.24	Vb	A	
			.../190.0	11.40/11.40	2.20	5.24	Vb	A	
	RHÔNE - SÈTE CANAL Saint-Gilles - Sète	70.0	.../110.0	11.40/11.40	2.50	5.94	Va	A	Modification in progress
			.../110.0	10.50/10.50	2.50	4.95	IV	B	
E 10-06	RHÔNE AND SAINT-LOUIS CANAL Barcarin - Fos	45.0	.../135.0	.../19.00	4.25	No restrictions	Va	A	Sea vessels route
			.../135.0	.../19.00	4.25	No restrictions	Va	A	
E 11	NOORDZEEKANAAL AND AMSTERDAM - RIJNKANAAL IJmuiden - Zeeburg (A'dam) 5.9 km - 31.7 km	25.8	125.0/195.0 <sup>27</sup>	22.80/22.80	4.00 <sup>27</sup>	No restrictions	Vlb	A	Noordzeekanaal and Binnen-IJ
			110.0/195.0 <sup>27</sup>	22.80/22.80	4.00 <sup>27</sup>	No restrictions	Vlb	A	
	AMSTERDAM - RIJNKANAAL Zeeburg - Tiel (5.9 km 31.7 km)	70.8	200.0/200.0	23.50/23.50	4.00	9.05	Vlb	A	Amsterdam-Rijnkanaal
			200.0/200.0	23.50/23.50	4.00	9.05	Vlb	A	
E 11-01	ZAAAN Noordzeekanaal - Noord Hollands Kanaal	20.3	110.0/110.0	11.50/11.50	2.80	2.35 <sup>2</sup>	Va	...	
			110.0/110.0	11.50/11.50	2.80	2.35 <sup>2</sup>	Va	...	
E 11-02	LEKKANAAL	4,2	200.0/200.0	17.70/17.70	3.50	9.05	Vb	A	
			200.0/200.0	17.70/17.70	3.50	9.05	Vb	A	
E 12	MAAS - WAAL KANAAL Maas - Nijmegen Haven	10.72	137.5/193.0	15.50/13.50	3.20	9.79	Vb	A	
			137.5/193.0	15.50/13.50	3.20	9.79	Vb	A	
	MAAS - WAALKANAAL Nijmegen Haven - Waal	2.65	193.00/193.00	15.50/15.50	3.70	12.30	Vb	A	
			193.00/193.00	15.50/15.50	3.70	12.30	Vb	A	
E 12	WAAL Maas-Waalkanaal - Pannerdense Kop	19.36	125.0/269.5	22.80/22.80	2.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
			125.0/193.0	22.80/34.20 <sup>2</sup>	2.50 <sup>10</sup>	9.00 <sup>11</sup>	Vlc	A	
	NEDER-RIJN Pannerdensch Kanaal - IJsselkop	11.0	110.0/185.0	17.00/17.00	2.80	9.10	Va	A	
			110.0/110.0	17.00/17.00	2.50 <sup>10</sup>	9.10	Va	A	
E 12	IJSEL IJsselkop - Ketelmeer	118.5	110.0/110.0	12.00/12.00	3.00	9.10	Va	A	
			110.0/110.0	12.00/12.00	3.00	9.10	Va	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 12 (continued)	IJsselmeer Ketelmeer - Lorentzsluis	62.5	120.0/190.0	13.00/23.00	3.90	12.70	Vb	A	
			120.0/120.0	13.00/13.00	3.50	12.70	Vb	A	
E 12-02	ZWARTE WATER AND MEPPELERDIEP Zwolle - Meppel	22.7	110.0/110.0	12.00/12.00	3.25	5.00 <sup>2</sup>	Va	A	Via Meppelerdiep lock
			110.0/110.0	12.00/12.00	3.25	5.00 <sup>2</sup>	Va	A	
E 12-04	RAMSDIEP Ketelmeer - Zwartsluis	23.8	110.0/110.0	11.50/11.50	3.00	5.00	Va	A	
			110.0/110.0	11.50/11.50	3.00	5.00	Va	A	
E 13	EMS North Sea - Papenburg	68.0					Vb	A	Sea vessels route
							Vb	A	
	DORTMUND - EMS KANAL 225.82 km (Papenburg) - 108.35 km	117.5	95.0/95.0	9.50/9.50	2.50	4.50	IV <sup>20</sup>	C	
			95.0/95.0	9.50/9.50	2.50	4.25	IV <sup>20 21</sup>	C	
	DORTMUND - EMS KANAL 108.35 km - 21.50 km	86.9	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			110.0/185.0	11.45/11.45	2.50/2.00	4.25	IV <sup>20</sup>	C	
	DORTMUND - EMS KANAL 21.50 km - 1.44 km	20.1	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			110.0/185.0	11.45/11.45	2.80	4.50	Vb <sup>20 21</sup>	C	
E 14	WESER North Sea - Bremen (Eisenbahnbrücke)	84.0					Vlb	A	Sea vessels route
							Vlb	A	
	WESER Bremen (Eisenbahnbrücke) - 360.7 km	7.0	220.0/220.0	12.00/12.00	3.00	4.50	Vb	A	
			110.0/172.0	11.45/11.45	3.00	4.50	Vb <sup>20 21</sup>	A	
	WESER 360.7 km - Mittellandkanal	136.0	110.0/110.0	11.45/11.45	2.50	4.50	Va <sup>20 21</sup>	C	
			85.0/85.0	9.50/9.50	2.20	4.50	IV <sup>20 28</sup>	C	
E 15	IJsselmeer Oranjesluizen - Prinses Margrietsluis	77.5	190.0/190.0	17.50/17.50	3.50	No restrictions	Vb	A	
			190.0/190.0	17.50/17.50	3.50	No restrictions	Vb	A	
	Prinses Margriet Kanaal	65.0	110.0/110.0	11.40/11.40	3.50	7.30 <sup>2</sup>	Va	A	
			110.0/110.0	11.40/11.40	3.20	7.30 <sup>2</sup>	Va	A	
	Van Starkenborgh Kanaal	27.3	110.5/110.5	11.50/11.50	3.50	9.10	Va	A	
			110.5/110.5	11.50/11.50	3.20	6.80	IV	A	
	Eems Kanaal Groningen - Woldbrug	19.7	144.0/144.0	13.00/13.00	4.50	No restrictions	Va	A	
			144.0/144.0	13.00/13.00	4.50	No restrictions	Va	A	
	Eems Kanaal Woldbrug - Delfzijl	7.0	144.0/144.0	13.00/13.00	5.00	No restrictions	Va	A	
			144.0/144.0	13.00/13.00	5.00	No restrictions	Va	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 15 (continued)	EMS Eemskanal - Papenburg	53.0					Vb	A	Sea vessels route
							Vb	A	
	DORTMUND - EMS KANAL 225.8 km (Papenburg) - 200.0 km	25.8	86.0/86.0	9.60/9.60	2.50	4.50	IV <sup>20</sup>	C	
			86.0/86.0	9.60/9.60	2.50	4.25	IV <sup>20 21</sup>	C	
	KÜSTENKANAL 69.6 - 0.0 km	69.6	86.0/86.0	9.60/9.60	2.50	4.50	IV <sup>20 21</sup>	C	
			86.0/86.0	9.60/9.60	2.50	4.50	IV <sup>20 21</sup>	C	
	HUNTE	24.0					Va	A	Sea vessels route
							IV	B	
E 15-01	VAN HARINXMA CANAL Fonejacht - Harlingen	37.8	85.0/85.0	10.00/10.00	2.60	5.45 <sup>2</sup>	IV	A	
			90.0/90.0	10.50/10.50	2.75	5.45 <sup>2</sup>	IV	A	
E 20	ELBE Lower Elbe	89.0					Vlb	A	Sea vessels route
							Vlb	A	
	ELBE Hamburg - Lauenburg	38.0	110.0/190.0	11.45/24.00	2.70	5.50/9.50 <sup>29</sup>	Vlb <sup>28</sup>	A	
			110.0/190.0	11.40/24.00	2.70	5.50/9.50 <sup>29</sup>	Vlb <sup>28</sup>	A	
	ELBE Lauenburg - Wittenberge	113.0	110.0/190.0	11.45/24.00	1.60 <sup>30</sup>	6.50	Vlb <sup>28</sup>	B	
			110.0/190.0	11.45/24.00	1.40 <sup>30</sup>	5.29/8.49 <sup>29</sup>	Vlb <sup>28</sup>	B	
	ELBE Wittenberge - German/Czech Rep. State Border	455.0	110.0/137.0	11.45/11.45	1.60 <sup>30</sup>	6.50	Va <sup>28</sup>	B	
			110.0/137.0	11.45/11.45	1.40 <sup>30</sup>	4.33/6.93 <sup>29</sup>	Va <sup>28</sup>	B	
	ELBE German/Czech State border - Ústí nad Labem	40.0	110.0/137.0	11.50/23.00	2.80	7.00	Vla	A	Regularized, canalization necessary
			110.0/137.0	11.50/23.00	0.90 - 2.80 <sup>31</sup>	6.50	Va	B	
	ELBE Ústí nad Labem - Mělník	69.0	110.0/185.0	11.50/22.80	2.80	7.00	Vlb	A	Canalized. Maximum dimensions of pushed convoys shall be 137x23m or 170x11.5m
			110.0/170.0	11.50/23.00	2.00 - 2.20 <sup>31</sup>	5.66	IV	B	
	ELBE Mělník - Chvaletice	102.2	110.0/185.0	12.00/12.00	2.80	7.00	Vb	A	Canalized
			85.0/85.0	12.00/12.00	2.10	4.70	IV	C	
	ELBE Chvaletice - Pardubice	24.8	110.0/185.0	12.00/12.00	2.80	7.00	Vb	A	Canalized. Přelouč II lock in project
	ELBE - DANUBE CONNECTION Pardubice - Přerov - Bratislava	325.0	110.0/185.0	11.40/11.40	2.80	7.00	Vb	A	New link to be built
			-	-	-	-	-	-	
E 20-02	ELBE - SEITENKANAL Lauenburg - Mittellandkanal	115.0	100.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			100.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>32</sup>	B	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 20-04	SAALE 0.0 km - 88.0 km	88.0	90.0/100.0	9.50/9.50	2.00	5.25	IV <sup>21 28</sup>	B	
			85.0/110.0	9.50/9.50	1.00	4.10	IV <sup>21</sup>	C	
	SAALE <sup>33</sup> 88.0 km - 124.2 km	36.2	.../...	.../...	...	...	...	...	
			.../...	.../...	...	...	...	...	
E 20-06	VLTAVA Mělník - Praha - (Slapy)	91.0	110.0/110.0	11.40/11.40	2.50	5.25	Va	B	
			110.0/110.0	10.50/10.50	(1.20) 1.80 <sup>34</sup>	4.50	IV	C	
E 21	TRAVE	21.0					Vlb	A	Sea vessels route
							Vlb	A	
	KANALTRAVE, ELBE - LÜBECK KANAL Lübeck - Lauenburg	68.0	80.0/80.0	9.50/9.50	2.00	4.40	IV <sup>20 28</sup> <sub>35</sub>	C	
			80.0/80.0	9.50/9.50	2.00	4.40	IV <sup>20 28</sup> <sub>35</sub>	C	
E 30	ODER Swinoujscie - Szczecin	67.0	110.0/185.0	22.80/22.80	4.00	11.00	Vlb	A	Sea vessels route
			110.0/185.0	22.80/22.80	4.00	11.00	Vlb	A	
	ODER Szczecin - Widuchowa (741.6 km - 704.1 km)	37.5	82.0/156.0	11.45/11.45	3.50	5.25	Va	B	Free-flowing
			82.0/156.0	11.45/11.45	2.50	5.17	IV	B	
	ODER Widuchowa - Mouth of the Warta River <sup>37</sup> 704.1 km - 617.6 km	86.5	82.0/125.0	11.45/11.45	2.50	5.25	Va <sup>36</sup>	B	When going downstream
			82.0/125.0 /137.0	11.45/18.0 /11.45	1.80 <sup>31</sup>	4.54	IV	C	
			82.0/125.0	11.45/11.45	2.50	5.25	Va <sup>36</sup>	B	
			82.0/125.0 /137.0 /156.0	11.45/11.45 /11.45 /11.45	1.50 <sup>31</sup>	4.54	IV	C	
			82.0/125.0	11.45/11.45	1.80	5.25	IV <sup>36</sup>	B	When going downstream
			82.0/125.0 /137.0 /156.0	11.45/11.45 /11.45 /9.50	1.40 <sup>31</sup> 1.30 1.30	4.47	III	C	
	ODER Mouth of the Warta River - Mouth of the Nysa Luzycka River <sup>37</sup> 617.6 km - 542.4 km	75.2	82.0/125.0	11.45/11.45	1.80	5.25	IV <sup>36</sup>	B	When going upstream
			82.0/125.0 /137.0 /156.0	11.45/11.45 /11.45 /9.50	1.40 <sup>31</sup> 1.30 1.30	4.47	III	C	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 30 (continued)	ODER Widuchowa - Mouth of the Nysa Luzycka River <sup>39</sup> 704.1 km - 542.4 km	161.7	82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	When going downstream
			82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	
			82.0/125.0 /156.0	11.45/11.45 /9.50	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	When going upstream
			82.0/125.0 /156.0	11.45/11.45 /9.50	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	
	ODER, Mouth of the Nysa Luzycka River - Brzeg Dolny (542.4 km - 282.6 km)	259.8	70.0/118.0	9.0/9.0	1.60 <sup>31</sup>	4.00	III	C	Free-flowing
			70.0/118.0	9.0/9.0	1.20 <sup>31</sup>	3.72	II	C	
	ODER Brzeg Dolny - Kozle (282.6 km - 95.6 km)	187.0	70.0/118.0	9.0/9.0	1.70	5.25	IV	B	Canalized
			70.0/118.0	9.0/9.0	1.60	3.72	III	C	
	ODER - DANUBE CONNECTION Kozle - Přerov	154.4	.../185.0	11.40/11.40	2.80	7.00	Vb	A	New link to be built
			-	-	-	-	-	C	
	ODER - DANUBE CONNECTION Přerov - Bratislava	173.0	.../185.0	11.40/11.40	2.80	7.00	Vb	A	New link to be built
			-	-	-	-	-	C	
E 30-01	GLIWICE CANAL	41,2	70.0/118.0	11.40/11.40	2.50	4.04	IV	C	Canal
			70.0/118.0	11.40/11.40	1.70	4.04	III	C	
E 31	WESTODER	33.35	110.0/156.0	11.45/11.45	3.50	5.25	Va <sup>28</sup>	B	
			82.0/156.0	11.45/11.45	2.50	4.25	IV <sup>20 28</sup>	C	
	HOHNSAATEN - FRIEDRICHSTHALER WASSERSTRASSE	43.0	110.0/156.0	11.45/9.50	2.20	5.25	Va <sup>28</sup>	B	
			82.0/135.0	9.50/8.25	2.00	4.25	IV <sup>20 28</sup>	C	
E 40	WISLA Gdansk - Mouth of the Wda River (813.5 km)	141.1	110.0/125.0	11.40/25.0	2.50	5.28	Va	B	Free-flowing
			110.0/125.0	11.40/25.0	2.50	5.28	Va	B	
	WISLA Mouth of the Wda River - Bydgoszcz (813.5 km - 772.4 km)	41.1	85.0/110.0	11.40/11.40	2.50	5.25	IV	B	Free-flowing
			85.0/110.0	11.40/11.40	1.40 <sup>31</sup>	5.13	II	B	
	WISLA Bydgoszcz - Włocławek (772.4 km - 674.8 km)	97.6	85.0/110.0	11.40/11.40	2.50	5.25	IV	B	Practically non-navigable free-flowing section
			85.0/110.0	11.40/11.40	0.80 <sup>31</sup>	4.90	-	C	
	WISLA Włocławek - Płock (674.8 km - 632.8 km)	42.0	110.0/110.0	11.40/11.40	2.50	7.00	IV	A	Canalized
			110.0/110.0	11.40/11.40	2.50	7.00	IV	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 40 (continued)	WISLA Plock - Warszawa (632.8 km - 520.0 km)	112.8	.../...	.../...	...	...		A	Practically non-navigable free-flowing section
			85.0/-	11.40/-	0.80 <sup>31</sup>	5.80	-	B	
	ZERAN CANAL Zeran - Zegrze Lake	25.0	83.0/83.0	11.40/11.40	2.50	5.90	IV	B	
			83.0/83.0	11.40/11.40	2.00	5.90	III	B	
	BUG Zegrze Lake - Brest <sup>40</sup>	220.0	.../...	.../...	...	...	...	...	Free-flowing Canalization necessary
			-	-	0.80 <sup>31</sup>	-	< I	C	
	MUKHOVETS Brest - Kobrin	62.6	.../...	.../...	...	...	...	...	Canalized
			100.0/100.0 <sup>41</sup>	10.20/10.20	1.70	8.70	IV <sup>28</sup>	B	
	DNEPROVSKO - BUGSKIY KANAL Kobrin - Pererub	91.4	.../...	.../...	...	...	...	...	
			100.0/100.0 <sup>41</sup>	10.20	1.70	10.0	IV <sup>28</sup>	B	
	PINA Pererub - Pinsk	40.0	.../...	.../...	...	...	...	...	Canalized
			100.0/100.0 <sup>41</sup>	10.20/10.20	1.70	10.1	IV <sup>28</sup>	B	
	PRIPYAT Pinsk - Stakhovo	49.2	.../...	.../...	...	...	...	...	Canalized
			100.0/100.0	10.20/10.20	2.10	No restrictions	IV <sup>28</sup>	B	
	PRIPYAT Stakhovo - Mouth of the Mikashevichi Canal	64.9	.../...	.../...	...	...	...	...	
			100.0/100.0	10.20/10.20	1.40/1.45	10.00	IV <sup>28</sup>	B	
	PRIPYAT Mouth of the Mikashevichi Canal - Mozyr	235.6	.../...	.../...	...	...	...	...	
			100.0/100.0	20.00/20.00	1.45	10.20	IV <sup>28</sup>	B	
	PRIPYAT Mozyr - Belarus/Ukrainian state border	107.0	.../...	.../...	...	...	...	...	
			100.0/100.0	20.00/20.00	1.45/1.50	No restrictions	IV <sup>28</sup>	B	
	DNIPRO Mouth of the Pripyat River - Kyiv	83.0	150.0/150.0	18.00/18.00	2.65	No restrictions	Va	A	Canalized
			85.2/114.8	15.30/15.20	2.65	No restrictions	Va	A	
	DNIPRO Kyiv - Kanev Hydroelectric Power Plant (GES) (856.0 km - 722.0 km)	134.0	270.0/270.0	18.00/18.00	3.65	No restrictions	Vb	A	Canalized
			114.1/170.0	13.23/15.20	3.65	No restrictions	Vb	A	
	DNIPRO, Kanev GES - Kremenchuk GES 722.0 km - 556.0 km	166.0	270.0/270.0	18.00/18.00	3.65	13.20	Vb	A	Canalized
			114.0/170.0	13.23/15.20	3.65	13.20	Vb	A	
	DNIPRO Kremenchuk GES - Dniprozerzhynsk GES (556.0 km - 433.0 km)	123.0	270.0/270.0	18.00/18.00	3.65	No restrictions	Vb	A	Canalized
			138.3/170.0	16.70/15.20	3.65	No restrictions	Vb	A	
	DNIPRO, Dniprozerzhynsk GES - Dnipro GES 433.0 km - 305.0 km	128.0	270.0/270.0	18.00/18.00	3.65	14.70	Vb	A	Canalized
			138.3/170.0	16.70/15.20	3.65 <sup>42</sup>	14.70	Vb	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 40 (continued)	DNIPIRO Dnipro GES - Kakhovka GES (305.0 km - 93.0 km)	212.0	270.0/270.0	18.00/18.00	3.65	No restrictions	Vb	A	Canalized
			138.3/170.0	16.70/15.20	3.65	No restrictions	Vb	A	
	DNIPIRO Kakhovka GES - Kherson (93.0 km - 28.0 km)	65.0	270.0/270.0	18.00/18.00	3.65	No restrictions	Vb	A	Free-flowing
			138.3/170.0	16.70/15.20	3.65	No restrictions	Vb	A	
	DNIPIRO Kherson - Entry to Rvach Branch	28.0	200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	Sea vessels route
			200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	
	MORSKOY KANAL (KHERSON MARITIME CANAL) Entry to Rvach Branch - Clearing line of Adzhigolskaya Kosa	40.0	200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	Sea vessels route
			200.0/200.0	32.50/32.50	7.60	No restrictions	VII	A	
	E 40-01 DESNA From the mouth to Chernihiv (0.00 km - 198.0 km)	198.0	.../...	.../...	1.60	...	IV	...	Free-flowing
			.../...	.../...	1.30	...	III	...	
E 40-02	PIVDENNY BUH Up to Mykolaiv	...	270.0/270.0	16.00/18.00	4.00	No restrictions	Vb	A	Sea vessels route
			138.3/170.0	18.00/18.00	4.00	No restrictions	Vb	A	
	BUHSKO - DNIPIRO - LIMANSKIY KANAL (BDLK)	81.4	215.0/215.0	32.50/32.50	10.30	No restrictions	VII	A	Sea vessels route
			215.0/215.0	32.50/32.50	10.30	No restrictions	VII	A	
E 41	KURSHSKIY ZALIV AND NEMUNAS Klaipeda - Jurbarkas	190.5	110.0/110.0	12.00/12.00	1.80	2.50	IV	C	Free-flowing
			100.0/100.0	10.00/10.00	1.30 <sup>43</sup>	2.50	IV	C	
	NEMUNAS Jurbarkas - Kaunas	87.4	110.0/110.0	12.00/12.00	1.80	4.20	IV	C	Free-flowing
			100.0/100.0	10.00/10.00	1.00	4.20	IV	C	
E 50	VOLGO - BALTIJSKIY WATERWAY AND RYBINSK RESERVOIR St. Petersburg - Rybinsk Lock	947.0	.../170.0	16.80/16.80	3.60	14.60	Vb	A	Canalized
			.../170.0	16.80/16.80	3.60	14.60	Vb	A	
	VOLGA Rybinsk lock - Astrakhan	2640.0	.../280.0	.../28.50	3.10	12.10	Vlc	A	
			.../280.0	.../28.50	3.10 <sup>44</sup>	12.10	Vlc	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 50-02	VOLGA Rybinsk - Dubna	257.0	.../280.0	.../29.00	3.60	13.60	Vlc	A	Canalized
			.../280.0	.../29.00	3.60	13.60	Vlc	A	
	KANAL IMENI MOSKVI Dubna - Moscow Northern Port	126.0	.../290.0	.../29.00	3.60	13.60	Vlc	A	Canalized
			.../290.0	.../29.00	3.60	13.60	Vlc	A	
	KANAL IMENI MOSKVI AND MOSKVA Moscow Northern Port - Moscow Southern Port	45.6	.../290.0	.../29.00	2.80	8.60 <sup>45</sup>	Vlc	A	Canalized
			.../290.0	.../29.00	2.80	8.60 <sup>45</sup>	Vlc	A	
E 50-02-02	VOLGA Dubna - Tver	115.0	135.0/135.0	.../29.00	3.70	No restrictions	Vla	A	Canalized
			135.0/135.0	.../29.00	3.70	No restrictions	Vla	A	
E 50-01	KAMA Mouth of the Kama River - Solikamsk	1112.0	.../230.0	.../27.90	2.90 <sup>46</sup>	11.00	Vlb	A	Canalized
			.../230.0	.../27.90	2.90 <sup>46</sup>	11.00	Vlb	A	
E 60	KIEL CANAL Brunsbüttel - Kiel - Holtenau	99.0					Vlb	A	Sea vessels route
							Vlb	A	
	VOLGO - BALTIJSKIY WATERWAY St. Petersburg - Vytegra	503.0	.../170.0	16.80/16.80	3.60	14.60	Vb	A	Canalized
			.../170.0	16.80/16.80	3.60	14.60	Vb	A	
	ONEGA LAKE Vytegra - Povenets	217.0	.../250.0	23.00/23.00	3.70	No restrictions	Vlb	A	
			.../250.0	23.00/23.00	3.70	No restrictions	Vlb	A	
E 60-02	BELOMORSKO - BALTIJSKIY CANAL Povenets - Belomorsk	221.0	126.0/126.0	13.20/13.20	3.60	No restrictions	Va	A	Canalized
			126.0/126.0	13.20/13.20	3.60	No restrictions	Va	A	
E 60-02	GUADALQUIVIR From the mouth to Sevilla	80.0	.../220.0	.../24.36	7.00	42.00	Vlb	A	Sea vessels route
			.../220.0	.../24.36	7.00	42.00	Vlb	A	
E 60-04	DOURO Porto - Spanish border	210.0	.../...	.../...	...	...	...	...	Canalized
			83.0/83.0 <sup>47</sup>	11.40/11.40	3.80 <sup>48</sup>	7.00 <sup>49</sup>	IV	A	
E 60-06	GIRONDE AND GARONNE From the mouth to Bec d'Ambe/le Verdon	70.0					VII	A	Sea vessels route
							VII	A	
	GIRONDE AND GARONNE Bec d'Ambe/le Verdon - Cadillac	49.0	.../...	.../...	3.50	...	...	...	
			100.0/100.0	15.00/15.00	3.50	6.50	Va	A	
	GIRONDE AND GARONNE From Cadillac to Castets-en-Dorthe	19.0	.../...	.../...	...	...	...	A	
			90.0/90.0	15.00/15.00	2.50	7.00	IV	A	
E 60-08	LOIRE From Saint-Nazaire to Nantes	52.0					VII	A	Sea vessels route
							VII	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 60-10	WADDENZEE From Outer Buoy to Harlingen	44.6	140.0/140.0	No restrictions	6.00	No restrictions	Vlc	A	Sea vessels route
			140.0/140.0	No restrictions	6.00	No restrictions	Vlc	A	
E 60-12	WADDENZEE From Outer Buoy to Delfzijl	60.0	260.0/260.0	40.00/40.00	10.60	No restrictions	Vlc	A	Sea vessels route
			260.0/260.0	40.00/40.00	10.60	No restrictions	Vlc	A	
E 60-01	MERSEY Waterway Limit - Eastham Locks	17.0			10.00		Vla	A	Sea vessels route
					10.00		Vla	A	
	MANCHESTER SHIP CANAL Eastham Locks - Ince	8.0	170.7/170.7	21.94/21.94	8.78	No restrictions	Vla	A	Sea vessels route
			170.7/170.7	21.94/21.94	8.78	No restrictions	Vla	A	
	MANCHESTER SHIP CANAL Ince - Runcom	10.0	161.5/161.5	19.35/19.35	8.07	No restrictions	Vla	A	Sea vessels route
			161.5/161.5	19.35/19.35	8.07	No restrictions	Vla	A	
	MANCHESTER SHIP CANAL Runcom - Mode Wheel Locks	36.0	161.5/161.5	19.35/19.35	7.31	21.33	Vla	A	Sea vessels route
			161.5/161.5	19.35/19.35	7.31	21.33	Vla	A	
	MANCHESTER SHIP CANAL Mode Wheel Locks - Trafford Road Bridge	2.0	161.5/161.5	19.35/19.35	5.48	21.33	Vla	A	Sea vessels route
			161.5/161.5	19.35/19.35	5.48	21.33	Vla	A	
E 60-01-01	MEDWAY / SWALE Sheerness - Ridham	10.0	102.0/102.0	17.00/17.00	6.20	No restrictions	Va	A	Sea vessels route
			102.0/102.0	17.00/17.00	6.20	No restrictions	Va	A	
E 60-01-03	MEDWAY Sheerness - Kings North	11.0			13.00	No restrictions	Vlb	A	Sea vessels route
					13.00	No restrictions	Vlb	A	
E 60-01-05	MEDWAY Kings North - Rochester	11.0	118.8/118.8	No restrictions	8.00	No restrictions	Vla	A	Sea vessels route
			118.8/118.8	No restrictions	8.00	No restrictions	Vla	A	
E 60-01-05	THAMES Canvey Point - Thames Barrier	50.0			13.00 <sup>3</sup>	54.00	Vlb	A	Sea vessels route
					13.00 <sup>3</sup>	54.00	Vlb	A	
	THAMES Thames Barrier - London Bridge	14.0	160.0/160.0	30.00/30.00	4.20 <sup>3</sup>	42.00	Vla	A	Sea vessels route
			160.0/160.0	30.00/30.00	4.20 <sup>3</sup>	42.00	Vla	A	
E 60-01-07	COLNE Up to Rowhedge	12.0	90.0/90.0	20.00/20.00	1.40 <sup>3</sup>	4.90 <sup>50</sup>	Va	B	Sea vessels route
			90.0/90.0	20.00/20.00	1.40 <sup>3</sup>	4.90 <sup>50</sup>	Va	B	
E 60-01-09	STOUR (SUFFOLK) Up to Mistley	15.0	75.0/75.0	18.00/18.00	4.00	No restrictions	IV	A	Sea vessels route
			75.0/75.0	18.00/18.00	4.00	No restrictions	IV	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 60-01-11	ORWELL Up to Ipswich	20.0	140.0/140.0		7.40		Vla	A	Sea vessels route
			140.0/140.0		7.40		Vla	A	
E 60-01-13	GREAT OUSE The Wash - Kings Lynn	3.0	140.0/140.0	20.00/20.00	5.52	No restrictions	Vla	A	Sea vessels route
			140.0/140.0	20.00/20.00	5.52	No restrictions	Vla	A	
E 60-01-15	NENE The Wash - Bevis Hill (nr Wisbech)	23.0	120.0/120.0	17.00/17.00	6.00	No restrictions	Va	A	Sea vessels route
			120.0/120.0	17.00/17.00	6.00	No restrictions	Va	A	
E 60-01-17	WELLAND The Wash - Fossdyke Bridge	8.0	90.0/90.0			No restrictions	Va	A	Sea vessels route
			90.0/90.0			No restrictions	Va	A	
E 60-01-19	WITHAM The Wash - Boston (i.e., the Haven)	8.0	120.0/120.0	13.60/13.60	5.30	No restrictions	Va	A	Sea vessels route
			120.0/120.0	13.60/13.60	5.30	No restrictions	Va	A	
E 60-01-21	TRENT Trent Falls - Keadby Bridge	15.0			5.00	No restrictions	Va	A	Sea vessels route
					5.00	No restrictions	Va	A	
E 60-03	HUMBER Up to Hull	18.0					Vlb	A	Sea vessels route
							Vlb	A	
E 60-03	HUMBER Hull - Trent Falls	27.0				30.00	Vlb	A	Sea vessels route
						30.00	Vlb	A	
E 60-03	OUSE (YORKSHIRE) Goole - Howdendyke	2.0	88.0/88.0	14.00/14.00	5.00	No restrictions	Va	A	Sea vessels route
			88.0/88.0	14.00/14.00	5.00	No restrictions	Va	A	
E 60-03-02	TAY Buddon Ness - Tay Road Bridge	12.0	240.0/240.0	40.00/40.00	8.90	No restrictions	Vlb	A	Sea vessels route
			240.0/240.0	40.00/40.00	8.90	No restrictions	Vlb	A	
E 60-03-02	TAY Tay Road Bridge - Balmerino	10.0	240.0/240.0	40.00/40.00	8.90	22.00	Vlb	A	Sea vessels route
			240.0/240.0	40.00/40.00	8.90	22.00	Vlb	A	
E 60-03-02	TAY Belmerino - Perth	28.0	90.0/90.0	13.50/13.50	4.90	22.00	Va	A	Sea vessels route
			90.0/90.0	13.50/13.50	4.90	22.00	Va	A	
E 60-03-04	FORTH Inland Waterway Limit - Grangemouth	21.0	183.0/183.0	26.20/26.20	11.00	No restrictions	Vlb	A	Sea vessels route
			183.0/183.0	26.20/26.20	11.00	No restrictions	Vlb	A	
E 60-03-06	TYNE Mouth - Newcastle	18.0			11.00	No restrictions	Vlb	A	Sea vessels route
					11.00	No restrictions	Vlb	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 60-03-08	TEES Mouth - Middlesbrough	14.0			10.90	No restrictions	Vlb	A	Sea vessels route
					10.90	No restrictions	Vlb	A	
E 60-07	GÖTA ÄLV	...	125.0/125.0	16.50/16.50	5.40	...	Va	A	
			125.0/125.0	16.50/16.50	5.40	...	Va	A	
	TROLLHÄTTE CANAL	82.0	89.0/89.0	13.40/13.40	5.40	...	IV	A	
			89.0/89.0	13.40/13.40	5.40	...	IV	A	
E 60-09	LAKE MÄLAREN	...	.../...	.../...	...	...	...	...	
			.../...	.../...	...	...	...	...	
	SÖDERTÄLJE CANAL <sup>51</sup>	6.0	124.0/124.0	18.00/18.00	6.50	...	Va	A	
			124.0/124.0	18.00/18.00	6.50	...	Va	A	
E 60-14	Stralsund - Peenemünde - Wolgast - Szczecin	...					Vlb	A	Sea vessels route
							Vlb	A	
E 60-11	SAIMAA CANAL Vyborg - Mälkiä Lock	40.0	110.0/110.0	15.00/15.00	4.35	24.50	Va	A	
			82.5/82.5	12.60/12.60	4.35	24.50	IV	A	
	Mälkiä Lock - Kuopio	300.0	110.0/110.0	15.00/15.00	4.35	24.50	Va	A	
			110.0/110.0	12.60/12.60	4.35	24.50	Va	A	
	Kuopio - Iisalmi	100.0	110.0/110.0	12.60/12.60	3.60	12.00	Va	A	
			110.0/110.0	12.60/12.60	2.40	12.00	Va	A	
E 60-11-02	From E 60-11 to Joensuu	140.0	110.0/110.0	12.60/12.60	4.35	24.50	Va	A	Canalized
			110.0/110.0	12.60/12.60	4.35	24.50	Va	A	
	Joensuu - Nurmes	150.0	80.0/80.0	11.80/11.80	2.40	10.50	IV	A	Partly canalized
			80.0/80.0	11.80/11.80	2.40	10.50	IV	A	
E 61	PEENE From Peenestrom to Demmin	65.0	82.0/156.0	9.50/9.50	2.20	5.00	IV <sup>20</sup>	C	
			82.0/156.0	9.50/9.50	2.20	5.00	IV <sup>20</sup>	C	
E 70	NIEUWE WATERWEG Europoort - Botlek	19.7	200.0/200.0	23.50/23.50	12.20	No restrictions	Vlb	A	
			200.0/200.0	23.50/23.50	12.20	No restrictions	Vlb	A	
	NIEUWE MAAS Botlek - Krimpen	23.8	200.0/200.0	23.50/23.50	6.00	11.50 <sup>2</sup>	Vlb	A	Sea vessels route
			200.0/200.0	23.50/23.50	6.00	11.50 <sup>2</sup>	Vlb	A	
	LEK Krimpen - Wijk bij Duurstede	60.7	110.0/185.0	11.50/22.80	3.00	9.10	Va	A	
			110.0/185.0	11.50/22.80	3.00	9.10	Va	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 70 (continued)	NEDER-RIJN Wijk bij Duurstede - IJsselkop	52.7	110.0/185.0	11.50/17.00	3.00	9.10	Vb	A	Canalized  Bridge height in closed position 5.25
			110.0/185.0	11.50/17.00	3.00	9.10	Vb	A	
	IJSEL IJsselkop - Zutphen	43.6	110.0/110.0	11.50/11.50	3.00	9.10	Va	A	
			110.0/110.0	11.50/11.50	3.00	9.10	Va	B	
	TWENTEKANAAL Zutphen - Enschede	49.8	110.0/110.0	9.50/9.50	2.50	6.00	Va/IV	A	
			110.0/110.0	9.50/9.50	2.50	6.00	Va/IV	A	
	TWENTE - MITTELLANDKANAL <sup>33</sup> Enschede - Bergeshövede	55.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			-	-	-	-	-	-	
	MITTELLANDKANAL (including the Rothenseer - Verbindungskanal)	326.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			110.0/185.0	11.45/11.45	2.50	4.00	IV <sup>20 28</sup> <sub>52</sub>	C	
	ELBE - HAVEL KANAL	56.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			80.0/125.0	9.00/8.25	2.00	4.30	IV <sup>20 28</sup> <sub>52</sub>	C	
	UNTERE HAVEL - WASSERSTRASSE Plaue - Spree	68.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			86.0/86.0	9.50/9.50	1.90	3.55	IV <sup>20 28</sup>	C	
	HAVEL - ODER-WASSERSTRASSE 0.0 km - 92.5 km	92.5	110.0/110.0	11.45/11.45	2.20	5.25	Va <sup>28</sup>	B	Spandau Lock not in operation
			/156.0	/9.00					
			82.0/82.0	9.50/9.50	1.65	4.25	IV <sup>20 28</sup>	C	
	ODER Mouth of the Havel - Oder-Wasserstraße - Kostrzyn <sup>39</sup>	49.4	82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	When going downstream
			82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	
			82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	When going upstream
			/156.0	/9.50					
	ODER Mouth of the Havel - Oder-Wasserstraße - Kostrzyn <sup>37</sup>	49.4	82.0/125.0	11.45/11.45	1.20 <sup>38</sup>	4.20	IV <sup>20 28</sup>	C	When going downstream
			/156.0	/9.50					
			82.0/125.0	11.45/11.45	1.80	5.25	IV <sup>36</sup>	B	
			/137.0	11.45/11.45	<sup>31</sup> /11.45	4.54	III	C	
			82.0/125.0	11.45/11.45	1.80	5.25	IV <sup>36</sup>	B	When going upstream
			/156.0	/9.50	<sup>31</sup> /156.0	4.54	III	C	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 70 (continued)	WARTA - NOTEC - BYDGOSKI CANAL - BRDA Kostrzyn - Bydgoszcz	294.0	.../...	.../...	...	...	...	...	Canal and free-flowing rivers
			57.0/96.0	9.0/9.0	1.30	3.57	II	C	
	WISLA Mouth of River Brda - Biala Gora (772.5 km - 886.6 km)	114.1	85.0/110.0	11.40/11.40	1.60 <sup>31</sup>	5.25	IV	B	
			85.0/110.0	11.40/11.40	1.30 <sup>31</sup>	5.03	II	B	
	WISLA Biala Gora - Gdanska Glova (886.6 km-931.0 km)	44.4	110.0/150.0	11.40/11.40	2.50	7.00	Va	A	Free-flowing
			110.0/150.0	11.40/11.40	2.50	6.80	Va	A	
	SZKARPAWA Gdanska Glova - Elblag	25.4	85.0/118.0	11.40/11.40	2.50	7.08	IV	A	
			85.0/118.0	11.40/11.40	1.60	7.08	II	B	
	NOGAT Biala Gora - Elblag <sup>53</sup>	62.0	56.0/118.0	9.00/9.00	2.00	4.60	III	C	Canalized
			56.0/118.0	9.00/9.00	1.60	4.60	II	C	
ZALEW WISLANY Elblag - Kaliningrad	110.0/185.0	96.0	11.40/11.40	2.50	No restrictions	Vb	A		
			110.0/185.0	11.40/11.40	2.50	No restrictions	Vb	A	
	Kaliningrad - Klaipeda	...	.../...	.../...	...	...	...	...	
			.../...	.../...	...	...	...	...	
E 70-01	HOLLANDSCHE IJSEL Krimpen - Gouda	19.7	110.0/110.0	11.50/11.50	3.60	8.50 <sup>2</sup>	Va	A	
			110.0/110.0	11.50/11.50	3.60	8.50 <sup>2</sup>	Va	A	
E 70-03	ZIJKANAAL From Twentekanaal to Almelo	17.6	110.0/110.0	9.75/9.75	2.50	6.00	IV	B	
			110.0/110.0	9.75/9.75	2.50	6.00	IV	B	
E 70-02	Mittellandkanal branch to Osnabrück	13.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			82.0/82.0	9.50/9.50	2.00	4.00	IV <sup>20 21 28</sup>	C	
E 70-04	Mittellandkanal branch to Hannover - Linden	10.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			82.0/82.0	9.50/9.50	2.20	4.00	IV <sup>20 28</sup>	C	
E 70-06	Mittellandkanal branch to Hildesheim	15.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			82.0/82.0	9.50/9.50	2.20	4.00	IV <sup>20 28</sup>	C	
E 70-08	Mittellandkanal branch to Salzgitter	18.0	100.0/185.0	11.45/11.45	2.80	5.25	Vb	B	
			100.0/185.0	11.45/11.45	2.50	5.25	Vb	B	
E 70-05	HAVELKANAL	35.0	110.0/110.0	11.45/11.45	2.00	5.25	Va <sup>21 28 54</sup>	B	
			86.0/125.0	9.50/8.25	1.90	4.50	IV <sup>20 28</sup>	C	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 70-10	SPREE From km 0.0 to Westhafenkanal and Westhafenkanal	9.0	110.0/110.0 110.0/185.0	11.45/11.45	2.80	5.25	Va/Vb	B	
			82.0/82.0	9.50/9.50	1.90	4.60	IV <sup>20 28</sup>	C	
E 70-12	SPREE From Westhafen Berlin to Britzer Verbindungskanal	14.0	85.0/85.0	9.50/9.50	2.00	4.00	IV <sup>20 28</sup>	C	
			82.0/82.0	9.50/9.50	2.00	3.51	IV <sup>20 28</sup>	C	
E 71	BERLIN - SPANDAUER SCHIFFAHTSKANAL From km 0.0 to Westhafen Berlin	8.0	110.0/110.0 /156.0	11.45/11.45 /9.00	2.20	4.00	Va <sup>20 28</sup>	C	
			67.0/91.0	9.00/9.00	2.00	3.72	III	C	
E 71	TELTKANAL AND BRITZER VERBINDUNGSKANAL	31.0	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			80.0/91.0	9.00/9.00	1.75	4.40	IV <sup>20 28</sup>	C	
	SPREE - ODER - WASSERSTRASSE From the Britzer Verbindungskanal to Oder - Spree Kanal	18.0	82.0/156.0 /91.0	9.50/8.25 /9.00	2.00	2.97	IV <sup>20 28</sup>	C	
			82.0/125.0 /91.0	9.50/8.25 /9.00	2.00	2.97	IV <sup>20 28</sup>	C	
E 71-02	POTSDAMER HAVEL	86.0	67.0/91.0	8.25/8.25	2.00	4.00	III	C	
			67.0/91.0	8.25/8.25	1.85	4.00	III	C	
E 71-04	TELTKANAL - OSTSTRECKE	7.0	82.0/82.0	9.50/9.50	2.00	4.30	IV <sup>20 28</sup>	C	
			82.0/82.0	9.50/9.50	1.75	4.30	IV <sup>20 28</sup>	C	
E 71-06	DAHME - WASSERSTRASSE From 0.0 km to 8.65 km and Notte	10.0	82.0/82.0 /156.0	9.50/9.50 /8.25	2.00	3.95	IV <sup>20 28</sup>	C	
			82.0/82.0 /156.0	9.50/9.50 /8.25	1.90	3.95	IV <sup>20 28</sup>	C	
E 80	LE HAVRE - TANCARVILLE CANAL	19.0	.../185.0	14.00/14.00	3.50	7.00 <sup>55</sup>	Vb	A	
			.../185.0	14.00/14.00	3.50	7.00 <sup>55</sup>	Vb	A	
	SEINE Tancarville - Rouen	96.1					VII	A	Free-flowing Sea vessels route
							VII	A	
	SEINE Rouen - Conflans	171.0	.../180.0	11.40/15.00	3.50	...	Vb	A	Canalized
			.../180.0	11.40/15.00	3.50	5.95 - 11.82	Vb	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80 (continued)	OISE Conflans - Creil	59.0	.../180.0	11.40/11.40	3.00	6.50	Vb	A	Completion of works in progress  New link to be built  * 135.0 under certain conditions
			.../180.0	11.40/11.40	2.50	5.25	Vb	B	
	OISE Creil - Compiègne	39.7	.../180.0	11.40/11.40	3.00	6.50	Vb	A	
			.../180.0	11.40/11.40	2.50	5.25	Vb	B	
	SEINE - MOSELLE LINK Compiègne - Reims - Ambly-sur-Meuse - Toul	250.0	.../185.0	11.40/11.40	3.00	7.00	Vb	A	
			-	-	-	-	-	-	
	MOSELLE Toul - Apach	128.4	.../170.0	11.40/11.40	3.00	6.17	Vb	A	
			.../170.0	11.40/11.40	2.50	5.04	Vb	B	
	MOSELLE Apach - Koblenz (242.4 km - 0.0 km)	242.4	110.0*/185.0	11.45/11.45	2.80	6.17	Vb	B	
			110.0*/172.1	11.45/11.45	2.80	6.00 <sup>56</sup>	Vb	B	
	RHINE Koblenz - Bad Salzig	27.0	135.0/193.0	22.90/22.90	2.10 <sup>14</sup>	9.10	Vlc	A	
			110.0/193.0	22.90/34.35 <sup>13</sup>	2.10 <sup>14</sup>	9.10	Vlc	A	
			110.0/269.5	22.90/22.90					
	RHINE Bad Salzig - Mainz	61.0	135.0/186.5	22.90/22.90	2.10	9.10	Vlb	A	
			110.0/186.5	22.90/22.90	2.10 <sup>15</sup>	9.10	Vlb	A	
	MAIN 0.0 km - 37.2 km	37.2	110.0/190.0	14.00/14.00	2.90	6.00	Vb	B	
			110.0/190.0	14.00/14.00	2.70	6.00	Vb	B	
	MAIN 37.2 km - 84.0 km	46.8	110.0/190.0	11.45/11.45	2.90	6.00 <sup>57</sup>	Vb	B	
			110.0/190.0	11.45/11.45	2.70	6.00 <sup>57</sup>	Vb	B	
	MAIN 84.0 km - 260.0 km	176.0	110.0/190.0	11.45/11.45	2.70	6.00	Vb	B	
			110.0/190.0	11.45/11.45	2.70	6.00	Vb	B	
	MAIN 260.0 km - 384.0 km	124.0	110.0/190.0	11.45/11.45	2.70	6.00	Vb <sup>21</sup>	B	
			110.0*/110.0	11.45/11.45	2.30	6.00	Va <sup>21 28</sup>	B	
	MAIN - DONAU KANAL 0.0 km - 7.4 km	7.4	110.0*/190.0	11.45/11.45	2.80	6.00 <sup>59</sup>	Vb <sup>21</sup>	B	
			110.0*/190.0	11.45/11.45	2.60	6.00 <sup>59</sup>	Vb <sup>21</sup>	B	
	MAIN - DONAU KANAL 7.4 km - 171.0 km	163.6	110.0*/190.0	11.45/11.45	2.80 <sup>60</sup>	6.00	Vb <sup>21</sup>	B	
			110.0*/190.0	11.45/11.45	2.70 <sup>60</sup>	6.00	Vb <sup>21</sup>	B	
	DANUBE 2411.6 km - 2376.8 km	34.8	110.0/185.0	11.45/11.45	2.70 <sup>61</sup>	6.00	Vb <sup>21</sup>	B	
			110.0/185.0	11.40/11.40	2.70 <sup>61</sup>	6.00	Vb <sup>21</sup>	B	
	DANUBE 2376.8 km - 2328.4 km	48.4	110.0/185.0	11.45/22.90	2.70 <sup>61</sup>	8.00	Vlb <sup>62</sup>	A	
			110.0/185.0	11.40/22.80	2.70 <sup>61</sup>	5.75 <sup>63</sup>	Vlb <sup>62</sup>	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80 (continued)	DANUBE 2328.4 km - 2249.0 km	79.4	110.0/185.0	11.45/22.90 <sup>64</sup>	2.70 <sup>61</sup>	8.00	Vlb <sup>21 62</sup>	A	
			110.0/110.0	11.40/22.80 <sup>64</sup>	2.70 <sup>61</sup>	4.74 <sup>63 65</sup>	Vla <sup>20 21</sup> <sub>28</sub>	B	
	DANUBE 2249.0 km - 2201.8 km	47.2	120.0/180.0	22.90/22.90	2.70 <sup>61</sup>	8.00	Vlb <sup>20 21</sup> <sub>28</sub>	A	
			120.0/185.0	22.80/22.80	2.70 <sup>61</sup>	4.61 <sup>66</sup>	Vlb <sup>20 21</sup> <sub>62</sub>	B	
	DANUBE 2201.8 km - 2038.2 km	163.6	.../230.0	23.00/23.00	3.00 <sup>67</sup>	8.00	Vlb	A	
			.../230.0	23.00/23.00	3.00 <sup>67</sup>	7.42 <sup>68</sup>	Vlb	A	
	DANUBE 2038.2 km - 2008.0 km	30.2	.../230.0	23.00/23.00	3.00 <sup>69</sup>	8.00	Vlb	A	
			.../230.0	23.00/23.00	3.00 <sup>70</sup>	8.00	Vlb	A	
	DANUBE 2008.0 km - 1949.2 km	58.8	.../230.0	23.00/23.00	3.00 <sup>67</sup>	8.00	Vlb	A	
			.../230.0	23.00/23.00	3.00 <sup>67</sup>	7.85 <sup>71</sup>	Vlb	A	
	DANUBE 1949.2 km - 1921.0 km	28.2	.../275.0	23.00/23.00	3.00 <sup>67</sup>	8.00	Vlc	A	
			.../275.0	23.00/23.00	3.00 <sup>67</sup>	8.00	Vlc	A	
	DANUBE 1921.0 km - 1880.3 km	40.7	.../195.0	23.00/23.00	3.00 <sup>69</sup>	10.00	Vlb	A	When going downstream.
			.../110.0	23.00/35.00					Maximum 4 barges/cargo vessels
			.../195.0	23.00/23.00	3.00 <sup>70</sup>	10.00	Vlb	A	When going upstream.
			.../110.0	23.00/35.00					Maximum 4 barges/cargo vessels
			.../275.0	23.00/12.00	3.00 <sup>69</sup>	10.00	Vlb	A	When going downstream
			.../195.0	23.00/23.00					When going upstream
			.../275.0	23.00/12.00	3.00 <sup>70</sup>	10.00	Vlb	A	
			.../195.0	23.00/23.00					
	DANUBE Devín - Bratislava 1880.3 km - 1862.0 km	18.3	... /275.0	22.80/22.80	3.50	9.10	Vlc	A	
			... /195.0	22.80/34.20	2.50	7.06 <sup>72</sup>	Vlb	A	
			... /275.0	22.80/22.80	3.50	9.10	Vlc	A	When going upstream
			... /195.0	22.80/22.80	2.50	7.06 <sup>72</sup>	Vlb	A	
	DANUBE DERIVATION CANAL Bratislava - Sap, 1862.0 km - 1811.0 km	51.0	275.0/275.0	33.40/33.40	3.50	9.10	Vlc	A	
			275.0/275.0	33.40/33.40	3.50	9.10	Vlc	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80 (continued)	DANUBE <sup>73</sup> Sap - Klížska Nemá 1811.0 km - 1791.0 km	20.0	195.0/275.0	22.80/33.40	3.50	9.10	Vlc	A	When going downstream
			195.0/140.0	22.80/33.40	1.70	9.10	Vlc	A	
			195.0/275.0	33.40/33.40	3.50	9.10	Vlc	A	When going upstream
			195.0/195.0	33.40/33.40	1.70	9.10	Vlc	A	
	DANUBE <sup>73</sup> Klizska Nema - Szob 1791.0 km - 1708.2 km	82.8	195.0/275.0	22.80/33.40	3.50	9.10	Vlc	A	When going downstream
			195.0/140.0	22.80/33.40	1.70	9.10	Vlc	A	
			195.0/275.0	33.40/33.40	3.50	9.10	Vlc	A	When going upstream
			195.0/195.0	33.40/33.40	1.70	9.10	Vlc	A	
	DANUBE Szob - Budapest (1708.2 km - 1652.0 km)	56.2	.../...	.../...	...	...	...	A	
			No restrictions	No restrictions	1.70	...	Vlb	A	
	DANUBE 1652.0 km - 1642.5 km	9.5	.../...	.../...	...	...	...	A	When going downstream
			.../175.0	.../50.00	2.50	7.30 <sup>74</sup>	Vlb	A	
			.../...	.../...	...	...	...	A	When going upstream
			.../240.0	.../35.00	2.50	7.30 <sup>74</sup>	Vlb	A	
	DANUBE 1642.5 km - 1433.0 km	109.5	.../...	.../...	...	...	...	A	Free-flowing
			No restrictions	No restrictions	1.70	8.40 <sup>75</sup>	Vlc	A	
	DANUBE 1433.0 km - 1366.0 km	67.0	110.0/280.0	11.40/34.20	2.50	9.10	Vlc	A	Free-flowing
			No restrictions	No restrictions	2.50	8.15	Vlc	A	
	DANUBE 1366.0 km - 1295.5 km	70.5	110.0/280.0	11.40/34.20	2.50	9.10	Vlc	A	Free-flowing
			No restrictions	No restrictions	2.50	9.70	Vlc	A	
	DANUBE 1295.5 km - 1215.0 km	80.5	110.0/285.0	11.40/22.80	...	9.10	Vlc	A	Free-flowing
			110.0/285.0	11.40/22.80	2.50	6.82 <sup>76</sup>	Vlc	B	
	DANUBE 1215.0 km - 1175.0 km	40.0	110.0/285.0	11.40/34.20	...	...	...	A	Free-flowing
			No restrictions	No restrictions	2.50	No restrictions	Vlc	A	
	DANUBE 1175.0 km - 1075.0 km	100.0	.../...	.../...	...	...	VII	A	Canalized
			No restrictions	No restrictions	3.50	9.15	VII	A	
	DANUBE 1075.0 km - 947.0 km	128.0	.../...	.../...	...	...	VII	A	Canalized
			No restrictions	No restrictions	3.50	No restrictions	VII	A	
	DANUBE 947.0 km - 931.0 km	16.0	.../...	.../...	...	...	VII	A	Canalized
			.../300.0	.../33.00	4.50 <sup>77</sup>	10.00 <sup>77</sup>	VII	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80 (continued)	DANUBE 931.0 km - 866.0 km	65.0	.../...	.../...	...	...	VII	A	Canalized  Free-flowing from 863.0 km
			No restrictions	No restrictions	3.50	No restrictions	VII	A	
	DANUBE 866.0 km - 860.0 km	6.0	.../...	.../...	...	...	VII	A	
			.../300.0	.../33.00	4.50 <sup>77</sup> 3.50 <sup>78</sup>	10.00 <sup>77</sup> 17.70 <sup>78</sup>	VII	A	
	DANUBE 860.0 km - 845.0 km	15.0	.../...	.../...	...	...	VII	A	
			No restrictions	No restrictions	2.50	No restrictions	VII	A	
E 80-02	SEINE Tancarville - Estuary	26.0					VII	A	Free-flowing  Sea vessels route
							VII	A	
	SEINE Conflans - Paris	62.0	.../180.0	11.40/11.40	3.00 - 3.50	5.15 <sup>79</sup>	Vb	...	Canalized
			.../180.0	11.40/11.40	3.00 - 3.50	5.15 <sup>79</sup>	Vb	...	
	SEINE Paris - Montereau (178.0 km - 68.0 km)	110.0	.../180.0	11.40/11.40	2.80	5.50	Vb	...	Canalized
			.../180.0	11.40/11.40	2.80	5.50	Vb	B	
E 80-04	SEINE Montereau - Bray (68.0 km - 46.0 km)	22.0	.../180.0	11.40/11.40	2.80	5.25	Vb	...	Canalized
			.../180.0	11.40/11.40	2.20 - 2.80	5.20	Vb	B	
	SEINE Bray - Nogent (46.0 km - 19.0 km)	27.0	120.0/120.0	11.40/11.40	2.80	5.25	Va	A/B	Link needs be significantly improved
			120.0/120.0	8.00/8.00	2.00	...	II	C	
	SAAR Moselle - Völklingen	73.7	110.0/185.0	11.45/11.45	2.80	5.75	Vb	B	
			110.0/185.0	11.45/11.45	2.80	5.75	Vb	B	
E 80-06	SAAR Völklingen - Saarbrücken	17.7	110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
			110.0/185.0	11.45/11.45	2.80	5.25	Vb <sup>21</sup>	B	
	DRAVA Ferdinandovac - Belišće (198.6 km - 55.45 km)	143.15	57.0/57.0	6.60/6.60	1.60	3.00	II	C	Free-flowing
			57.0/57.0	6.60/6.60	1.60	3.00	II	C	
	DRAVA Belišće - Port Nemetin (55.45 km - 14.0 km)	41.45	67.0/67.0	9.00/9.00	1.60	5.25	III	B	Free-flowing
			67.0/67.0	9.00/9.00	1.60	5.25	III	B	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80-08 (continued)	DRAVA Port Nemetin - Mouth of the Danube (14.0 km - 0.0 km)	14.0	85.0/85.0	9.50/9.50	2.50	No restrictions	IV	A	Free-flowing
			85.0/85.0	9.50/9.50	2.50	No restrictions	IV	A	
E 80-10	DANUBE - SAVA CANAL Vukovar - Samac	61.0	110.0/185.0	11.40/11.40	2.50	9.60	Vb	A	New link to be built
			-	-	-	-	-	-	
E 80-01	TISZA 173.0 km - 160.0 km	13.0	.../140.0	.../22.80	2.50	6.48	Va	...	Canalized
			.../...	.../...	...	...	IV	...	
	TISZA 164.0 km - 63.4 km	100.6	.../...	.../...	...	7.00	...	B	
			85.0/172.0	8.20/11.40	2.50	7.76	Va	B	
E 80-01-02	TISZA 63.4 km - 0.0 km	63.4	.../...	.../...	...	...	...	B	Free-flowing
			85.0/172.0	8.20/11.40	2.50	No restrictions	Va	B	
	BEGEJ From the mouth to the Klek Lock	34.1	.../...	.../...	...	...	...	B	Canalized
			85.0/132.0	8.20/11.40	2.50	...	Va	B	
E 80-12	BEGEJ From the Klek Lock to the Itebej Lock	31.5	.../...	.../...	...	...	...	B	Lock Itebej is out of order
			70.0/...	8.20/9.00	2.00	...	III	B	
	BEGA Up to Timisoara	...	.../...	.../...	...	...	...	...	
			.../...	.../...	...	...	...	...	
E 80-12	SAVA Rugvica - Sisak (Galdovo) (662.0 km - 594.0 km)	68.0	57.0/57.0	6.60/6.60	1.60	3.00	II	C	Free-flowing
			57.0/57.0	6.60/6.60	1.60	3.00	II	C	
	SAVA Sisak (Galdovo) - Slavonski Brod (594.0 km - 371.2 km)	222.8	85.0/85.0	9.50/9.50	2.50	7.00	IV	A	Free-flowing. Smaller radius, in some places, one way navigation
			70.0/85.0	9.00/9.00	2.00	6.16	III	B	
E 80-12	SAVA Slavonski Brod - Oprisavci (371.2 km - 338.2 km)	33.0	85.0/85.0	9.50/9.50	2.50	No restrictions	IV	A	Free-flowing
			85.0/85.0	9.50/9.50	2.50	No restrictions	IV	A	
	SAVA Oprisavci - Slavonski Šamac (338.2 km - 313.7 km)	24.5	85.0/85.0	9.50/9.50	2.50	No restrictions	IV	B	Free-flowing. Limited depth, reduced class
			70.0/85.0	9.00/9.00	1.60	No restrictions	III/II	B	
E 80-12	SAVA Slavonski Šamac - Gunja (313.7 km - 234.0)	79.7	85.0/85.0	9.50/9.50	2.50	8.14	IV	A	Free-flowing
			85.0/85.0	9.50/9.50	2.50	8.14	IV	A	
	SAVA Ganja - Račinovci (234.0 km - 210.8 km)	23.2	110.0/110.0	11.40/11.40	2.50	7.00	Va	A	Free-flowing
			85.0/85.0	9.50/9.50	2.50	7.60	IV	A	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80-12 (continued)	SAVA 210.8 km - 107.0 km	103.8	110.0/110.0	11.40/11.40	2.50	7.00	Va	B	Free-flowing
			85.0/85.0	9.50/9.50	2.00	6.46	IV	B	
	SAVA 107.0 km - 0.0 km	107.0	110.0/110.0	11.40/11.40	2.50	7.00	Va	B	Canalized
			85.0/85.0	9.50/9.50	2.00	6.96	IV	B	
	KUPA Old Port Sisak - Mouth of the Sava (5.9 km - 0.0 km)	5.9	41.0/41.0	4.70/4.70	1.60	3.00	I	C	Free-flowing
			41.0/41.0	4.70/4.70	1.60	7.02	I	C	
	UNA Hrvatska Dubica - Tanac (15.0 km - 4.0 km)	11.0	41.0/41.0	4.70/4.70	1.60	No restrictions	I	-	Free-flowing
			41.0/41.0	4.70/4.70	1.60	No restrictions	I	-	
	UNA Tanac - Mouth of the Sava (4.0 km - 0.0 km)	4.0	57.0/57.0	6.60/6.60	2.00	3.00	II	-	Free-flowing
			57.0/57.0	6.60/6.60	1.60	6.24	II	-	
E 80-03	OLT Up to Slatina	...	.../...	.../...	...	...	...	...	
			.../...	.../...	...	...	...	...	
E 80-05	DANUBE - BUCURESTI CANAL	73.0	.../106.6	.../11.40	3.00	11.00	Va	...	Under construction
			-	-	-	-	-	-	
E 80-14	DANUBE - BLACK SEA CANAL	64.4	138.3/296.0	16.80/23.50	5.50/3.80	16.50	Vlc	A	
			138.3/296.0	16.80/23.50	5.50/3.80	16.50	Vlc	A	
E 80-14-01	POARTA ALBA - MIDIA - NAVODARY	27.5	110.0/120.0	11.50/11.50	3.80	12.50	Va	A	
			110.0/120.0	11.50/11.50	3.80	12.50	Va	A	
E 80-07	PRUT From the mouth to Kakhul	85.0	.../...	.../...	...	...	...	...	Free-flowing
			42.0/60.3	7.80/7.80	1.00	9.00	II	C	
	PRUT From Kakhul to Ungheni	322.0	.../...	.../...	...	...	...	...	Free-flowing
			42.0/60.3	7.80/7.80	1.00	8.50	II	C	
E 80-09	DANUBE - KILIA ARM <sup>80</sup> Ismail Cape - Chatal - Vilkovo (116.0 km - 18.0 km)	98.0	125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	Free-flowing
			125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	
	DANUBE - KILIA ARM, Vilkovo - Bistroe Arm Outlet (Old Istanbul Arm) (18.0 km - 11.0 km)	7.0	125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	Free-flowing
			125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	
	DANUBE - KILIA ARM, Bistroe Arm Outlet - Sea approach canal (11.0 km - 1.57 km)	9.43	125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	Free-flowing

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 80-09 (continued)	SEA APPROACH CANAL 1.57 - (-1.85) km	3.42	125.0/300.0	17.50/40.00	7.20	No restrictions	VII	A	Sea vessels route
			125.0/300.0	17.50/40.00	5.85	No restrictions	VII	A	
E 80-16	DANUBE - ST. GEORGE ARM 0.0 km - 89.0 km	89.0	.../...	.../...	...	...	...	...	Free-flowing
	DANUBE - ST. GEORGE ARM 89.0 km - 108.0 km	19.0	.../...	.../...	2.50	...	Vb	...	
			.../...	.../...	...	...	...	...	Free-flowing
E 81	VÁH Komárno - Selice (0.0 km - 42.1 km)	42.1	110.0/110.0	22.80/22.80	2.80	7.00	Vla	A	Modernization necessary
			110.0/110.0	22.80/22.80	1.60	7.00	Vla	A	
	VÁH Selice - Král'ová (42.1 km - 63.1 km)	21.0	110.0/110.0	22.80/22.80	2.80	7.00	Vla	A	Local navigation only
			110.0/110.0	22.80/22.80	1.60	7.00	Vla	A	
	VÁH Král'ová - Hlohovec (63.1 km - 101.9 km)	38.8	110.0/110.0	22.80/22.80	...	7.00	Vla	A	Partly canalized
			110.0/110.0	22.80/22.80	...	7.00	Vla	A	Modernization necessary
	VÁH Hlohovec - Žilina (101.9 km - 245.0 km)	143.1	110.0/110.0	11.40/11.40	...	7.00	Va	A	Canalization necessary
			110.0/110.0	11.40/11.40	...	7.00	Va	A	
	VÁH - ODER LINK	38.2	110.0/110.0	11.40/11.40	...	...	Va	...	New link to be built
			...	...	...	...	...	...	
E 90	KORINTHOS CANAL	...	.../...	24.60/24.60	6.70	...	Vlc	...	
			.../...	24.60/24.60	6.70	...	Vlc	...	
	DON AND VOLGO - DONSKOY KANAL Azov - Krasnoarmeysk	579.0	.../141.0	.../16.20	3.20 <sup>81</sup>	11.00	Va	A	Canalized upstream from Oust-Donetsk
			.../141.0	.../16.20	3.20 <sup>81</sup>	11.00	Va	A	
	VOLGA Krasnoarmeysk - Astrakhan	488.0	.../269.0	.../28.50	3.60	13.20	Vlb	A	
			.../269.0	.../28.50	3.80	13.20	Vlb	A	
E 90-01	ADRIATIC COASTAL ROUTE From Ravenna to Trieste	280.0							Coastal route
							VII		
E 90-03	DNESTR Belgorod Dnestrovskiy - Ukraine/Moldova border	39.0	65.0/85.0	14.00/14.00	1.80	6.30	III	B	Free-flowing
			.../85.0	.../14.00	1.70	6.30	III	B	
	NISTRU (DNESTR) Ukraine/Moldova border - Reskeet	98.0	.../...	.../...	...	...	...	...	Free-flowing
			85.0/85.0	14.00/14.00	1.80	6.30	III	B	
	NISTRU (DNESTR) Reskeet - Bender	103.0	.../...	.../...	...	...	...	...	Free-flowing
			85.0/85.0	14.00/14.00	1.80	13.50	III	B	

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 91	MILANO - PO CANAL From Milano to Pizzighettone	96.0	110.0/110.0 .../...	12.00/12.00 .../...	2.50 ...	6.50 ...	Va Va	B B	Canalized – project under development
	MILANO - PO CANAL From Pizzighettone to Cremona	14.0	110.0/110.0 110.0/110.0	12.00/12.00 12.00/12.00	2.50 2.50	unlimited unlimited	Va Va	B B	Canalized
	PO From Cremona to Casalmaggiore	54.0	110.0/110.0 110.0/110.0	12.00/12.00 12.00/12.00	2.50 2.50	6.50 6.50	Va IV	B B	2.5 m x 250 days per year - aim: 2.5 m x 300 days/year
	PO From Casalmaggiore to the mouth of the Mincio River (Mantova)	77.0	110.0/110.0 110.0/110.0	12.00/12.00 12.00/12.00	3.00 2.50	6.50 6.50	Va IV	B B	2.5 m x 250 days per year - aim: 2.5 m x 310 days/year
	MINCIO RIVER From Lago Inferiore (Mantova) to the mouth (Governolo)	17.0	80.0/80.0 80.0/80.0	11.00/11.00 11.00/11.00	2.50 2.50	6.50 6.50	IV IV	B B	
	PO From the mouth of the Mincio River (Mantova) to Volta Grimana	129.0	110.0/110.0 80.0/80.0	12.00/12.00 11.00/11.00	3.50 2.50	6.80 6.80	Va IV	B B	
	PO - BRONDOLO CANAL From Volta Grimana (Po) to Marghera (Venezia)	70.0	110.0/110.0 99.0/99.0	12.00/12.00 10.00/10.00	2.50 2.50	6.50 6.50	Va IV	B B	
	LAGUNA VENETA From Marghera to Porto Nogaro (Punta Sdobba)	120.0	110.0/110.0 80.0/80.0	12.00/12.00 9.50/9.50	2.50 2.50	6.50 6.50	Va IV	B B	
	LAGUNA VENETA From Porto Nogaro (Punta Sdobba) to Monfalcone-Trieste	60.0					VII	A	From Punta Sdobba to Trieste coastal route navigation
							VII	A	
E 91-02	PO From Cremona to Piacenza	37.0	110.0/110.0 80.0/80.0	12.00/12.00 9.50/9.50	2.50 2.50	6.50 6.50	Va IV	B B	2.5 m x 200 days per year - aim: 2.5 m x 250 days/year
	PO From Piacenza to Pavia	60.0	80.0/80.0 70.0/70.0	9.50/9.50 8.00/8.00	2.50 2.50	6.50 6.50	IV III	B C	2.5 m x 200 days per year - aim: 2.5 m x 250 days/year
	PO From Pavia to Casale Monferrato	85.0	80.0/80.0 70.0/70.0	9.50 8.00	2.50 2.50	6.50 6.50	IV III	B C	2.5 m x 150 days per year - aim: 2.5 m x 200 days/year

E WATERWAY	SECTION OF E WATERWAY	LENGTH (km)	MAXIMUM DIMENSIONS OF VESSELS AND PUSHED CONVOYS WHICH MAY BE ACCOMMODATED			MINIMUM HEIGHT UNDER BRIDGES**** (m)	CLASS	SUITABILITY FOR COMBINED TRANSPORT**	COMMENTS
			LENGTH*** (m)	WIDTH*** (m)	DRAUGHT (m)				
1	2	3	4	5	6	7	8	9	10
E 91-04	FERRARA WATERWAY From Ferrara to Porto Garibaldi/Ravenna	80.0	110.0/110.0	12.00/12.00	2.50	6.50	Va	B	Upgrade to class Va under project
			96.0/96.0	12.00/12.00	2.50	4.10	IV	B	
E 91-06	PO GRANDE <sup>82</sup> From Volta Grimana to the mouth	35	110.0/110.0	12.00/12.00	2.50	6.50	Va	B	
			110.0/110.0	12.00/12.00	2.80	6.36	Va	B	
E 91-01	MANTOVA-ADRIATICO CANAL From Mantova-Valdaro Lock to Ostiglia	25.0	110.0/110.0	12.00/12.00	3.50	6.50	Va	A	
			110.0/110.0	12.00/12.00	3.00	6.50	Va	A	
	MANTOVA-ADRIATICO CANAL From Ostiglia to Barricetta Lock	80.0	110.0/110.0	12.00/12.00	3.50	6.50	Va	A	
			110.0/110.0	12.00/12.00	2.50	5.50	IV	B	
E 91-08	PO DI LEVANTE From Po - Brondolo Canal to the Adriatic Sea <sup>82</sup>	21.0	195.0/195.0	23.00/23.00	3.50	7.00	Vlb	A	Upgrade under project
			110.0/110.0	12.00/12.00	2.80	5.50	Va	B	
			110.0/110.0	12.00/12.00	2.50	6.50	IV	B	
E 91-03	PADOVA - VENEZIA CANAL	27.0	110.0/110.0	12.00/12.00	2.50	6.50	Va	B	Under construction
			...	...	...		...	...	

**Notes to Table 1**

- <sup>1</sup> When bridge is not open air draught is 11.50 m for mean high water (MHW) at normal Amsterdam Peil (Dutch reference water level = mean sea tide level) (NAP) + 0.96 m.
- <sup>2</sup> Only permitted when proceeding downstream.
- <sup>3</sup> Depending on the tide water level prevailing.
- <sup>4</sup> All bridges are movable.
- <sup>5</sup> Sea-going vessels measuring 175.00 m x 25.00 m x 8.80 m are admitted.
- <sup>6</sup> For fixed low water level for rivers (OLW) NAP – 0.20 m.
- <sup>7</sup> When bridge is not open air draught is 12.00 m for MHW NAP + 0.96 m.
- <sup>8</sup> For OLW NAP + 0.15 m.
- <sup>9</sup> For sea-going vessels measuring 256.00 m x 34.00 m x 12.25 m.
- <sup>10</sup> For fixed low water level (OLR) at Lobith NAP + 7.95.
- <sup>11</sup> For water level at high river discharge at Lobith NAP + 15.58 m (Marke II).  
For mean water level at Lobith NAP + 10.10 m.
- <sup>12</sup> Fairway depth, below GLW 2002 (between Emmerich and Duisburg: 2.80 m below GLW).
- <sup>13</sup> When going downstream; reduced to 22.90 m in low water conditions.
- <sup>14</sup> Fairway depth, below high water level (GLW) 2002.
- <sup>15</sup> Fairway depth, below GLW 2002 (between St. Goar and Mainz: 1.90 m below GLW).
- <sup>16</sup> The height under the railway bridge at Strasbourg Kehl is currently 6.75 m at HNWL (highest navigable water level).
- <sup>17</sup> The secretariat was informed by the Government of France that the Rhône-Rhine Canal project has been abandoned.
- <sup>18</sup> Bridge at Avignon – 6.30 m, Bridge at Tarascon – 7.40 m, bridge at Arles – 7.88 m.
- <sup>19</sup> Fos - Port of Marseille section is not operable because of closure of the Rove tunnel.
- <sup>20</sup> The under-bridge headroom requirement for this class cannot be met.
- <sup>21</sup> Restrictions apply with regard to two-way traffic.
- <sup>22</sup> Single units and convoys of up to 90 m in length and 9.60 m in width, may draw up to 2.80 m.
- <sup>23</sup> From 113.0 km to 124.0 km – 5.50 m.
- <sup>24</sup> The draught may be reduced to 2.10 m for twenty days a year at low water level downstream of Iffezheim.
- <sup>25</sup> These figures correspond to a level of 5.00 m on the scale at Bâle-Rheinhalle and take into account security clearance of 40 cm.
- <sup>26</sup> The Mittlere Brücke is determining for the section Bâle-Rheinfelden. It has 5.10 m headroom for each arch over a width of 17.00 m at the highest navigable flood level.
- <sup>27</sup> No dimension established for inland navigation vessels; sea-going ships measuring 325.0 m x 42.00 m x 13.10 m are admitted.
- <sup>28</sup> The depth required for this category cannot be guaranteed (depending on the water level prevailing).
- <sup>29</sup> Above mean water level.
- <sup>30</sup> Fairway depth, below GLW 89.
- <sup>31</sup> Depending on the water level prevailing.
- <sup>32</sup> The total length of the Lüneburg Shiplift is 100 m; single units of up to 100 m in length are accepted.
- <sup>33</sup> This project is not expected to be realized in the near future.

- <sup>34</sup> Maximum permissible draught on the section Mělník-Praha Radotín – 1.8 m and on the section Praha Radotín-Slapy – 1.2 m.
- <sup>35</sup> The permissible length-of-convoy requirement for this class cannot be met.
- <sup>36</sup> Class to be agreed by the Governments of Poland and Germany.
- <sup>37</sup> According to the information of the Government of Poland.
- <sup>38</sup> Estimated depth of the channel exceeded during 20 ice-free days a year on average.
- <sup>39</sup> According to the information received from the Government of Germany.
- <sup>40</sup> Non-navigable waterway. A weir in Kozlowice, downstream of Brest, has no navigational locks and constitutes a main obstacle.
- <sup>41</sup> During the locking procedure the pusher is to enter the chamber alongside the barges.
- <sup>42</sup> Periodically, at a low water level, the maximum draught is limited to 3.00 m.
- <sup>43</sup> Fairway depth.
- <sup>44</sup> Limitation draught on the section from Gorodetski Lock to Nizhniy Novgorod (length, 56 km).
- <sup>45</sup> At a project water level.
- <sup>46</sup> On the Sarapul-Chaikovsky section (68 km in length). On other sections the maximum navigable draught is 3.50 m.
- <sup>47</sup> Vessels of a greater length may be allowed if their width is approved. The length of pushed convoys of 83.0 m is allowed only up to 126.0 km; from this point up to 210.0 km the length of up to 60.0 m is allowed.
- <sup>48</sup> The draught of 3.80 m is ensured on 162 km of the river (from its mouth to 135.0 km and on 27 km between the Pocinho weir and Spanish port Vega Terron). On the rest of the river the draught of 2.00 m is ensured.
- <sup>49</sup> This figure is reduced to 6.60 m under the bridge of Ferradosa at 151.0 km.
- <sup>50</sup> The lowest height is under the Westminster Bridge.
- <sup>51</sup> The maximum dimensions of vessels are applicable in daylight and good visibility. The Swedish Maritime Administration can grant exceptions from the maximum size up to 130 m x 19 m x 6.80 m.
- <sup>52</sup> Single units of 86.0 m x 9.50 m and convoys of 147.0 m x 9.00 m may obtain special permission for navigation.
- <sup>53</sup> As an alternative to the waterway via the Szkarawa River.
- <sup>54</sup> Improvement of the Untere Havel Wasserstraße is under way to the south of Wustermark.
- <sup>55</sup> No restriction when bridges are open.
- <sup>56</sup> Under-bridge headroom at the Koblenz rail bridge is reduced to less than 6.00 m on about 50 days per year.
- <sup>57</sup> Except for road bridge Auheim at 59.56 km, where an under-bridge headroom of 4.39 m applies.
- <sup>58</sup> Vessels exceeding 90 m in length are subject to additional requirements regarding the carriage of equipment.
- <sup>59</sup> Except for Kettenbrücke and Löwenbrücke Bridges at Bamberg, where an under-bridge headroom of 5.41 m applies.
- <sup>60</sup> A special permit is required when the draught exceeds 2.50 m.
- <sup>61</sup> At the minimum regulated navigable water level (ENR) existing for 96 per cent of the ice-free period, established on the basis of the flows observed over a period of 40 years (fairway depth).
- <sup>62</sup> The single-unit permissible length and width requirement for this class cannot be met.
- <sup>63</sup> Road bridge at Pfatter.
- <sup>64</sup> Only vessels with a beam of up to 11.40 m may navigate downstream.
- <sup>65</sup> Railway bridge at Deggendorf.
- <sup>66</sup> Luitpolbrücke at Passau.
- <sup>67</sup> Maximum draught according to Police Regulations; 2.70 m fairway depth at LNWL.
- <sup>68</sup> Road/railway bridge at Linz.

- <sup>69</sup> Maximum draught according to Police Regulations; 3.00 m fairway depth at LNWL.
- <sup>70</sup> Maximum draught according to Police Regulations; 2.20 m fairway depth at LNWL at several bars.
- <sup>71</sup> Road bridge at Stein/Mautern.
- <sup>72</sup> Bridge at Bratislava (1868.1 km). At a water level of + 619 cm according to the Bratislava/Devín hydrometric station.
- <sup>73</sup> Data concerning this section have been submitted by the Slovak Government.
- <sup>74</sup> Bridge at Budapest – Lánchid (1647.0 km).
- <sup>75</sup> Bridge at Bajá (1480 km).
- <sup>76</sup> Temporary road/railway bridge at Novy Sad (1,254 km).
- <sup>77</sup> Data received from the Government of Serbia. The higher values of draught and air draught of up to 5 m and 13.50 m, respectively, are ensured on request and against payment of costs.
- <sup>78</sup> Data received from the Government of Romania.
- <sup>79</sup> Minimum height at normal water level varies from 8.54 m to 9.31 m; at the highest navigable water level (HNWL) it varies from 5.15 m to 6.89 m.
- <sup>80</sup> Footnote by Ukraine: Data concerning this section of the E80-09 waterway are based on the results of the completion of stage one of the Ukrainian project on the reopening of the Danube-Black Sea navigable waterway. Definitive data related to the project will be presented after the full completion of the project, to be undertaken in accordance with the provisions of applicable international environmental agreements and conventions.  
Footnote by Romania: Data concerning this section of the E 80-09 waterway are provisional. Definitive data related to the Ukrainian project of building a deep-water navigable waterway on the Kilia Arm and Bystroe outlet into the sea of the Danube River are pending the full assessment of the environmental impact and the full and faithful observance of applicable international agreements and conventions.
- <sup>81</sup> On the section from the Kochetovsky hydroelectric complex to Azov (165 km in length). On other sections, the maximum navigable draught is 3.50 m.
- <sup>82</sup> No direct link Po - Adriatic Sea is possible because of sand banks at the estuary of the Po River.

## **Annex III**

### **Table II**

### **Parameters of locks of inland waterways of international importance**

#### **Explanations of Table II**

The table contains detailed data on locks, ship lifts and inclined planes situated on E waterways. This also includes data on locks which are under construction or planned.

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 01	DUNKERQUE-VALENCIENNES CANAL Dunkerque - Bouchain 148.0 km - 0.0 km	144.6 143.3	12.00 12.00	3.50 3.50	Flandres locks
	ESCAUT Bouchain - Condé	144.6	12.00	3.00	
	CONDÉ - POMMEROEUL CANAL Pommeroeul - Hensies	149.0 151.75	12.50 12.50	4.00 4.00	Hensies lock Pommeroeul lock
	CANAL DU CENTRE Nimy - Seneffe	96.0 149.0 124.0 2 x 112.0	12.00 12.50 12.50 2 x 12.0	4.00 4.50 4.00 4.00	Obourg lock Project Obourg lock Havre lock Strépy-Thieu I lift
	CHARLEROI - BRUXELLES CANAL Seneffe - Charleroi	85.92 112.0 85.80 112.0 85.10 112.0	11.50 12.50 11.50 12.50 11.50 12.50	4.20 4.50 4.30 4.50 3.50 4.50	Viesville lock Project Viesville lock Gosselies lock Project Gosselies lock Marchienne lock Project Marchienne lock
	SAMBRE Charleroi - Namur	119.40 112.00 111.90 136.30 111.90 111.90 136.90	12.50 12.50 12.50 12.50 12.50 12.50 12.50	3.44 3.50 3.50 3.10 4.00 3.55 3.25	Marzinelle lock Montignies lock Roselies locks Auvelais lock Mornimont lock Floriffoux lock Salzinnes lock
	MEUSE Namur - Liège	200.0 200.0 136.0 225.0 136.0 225.0	25.00 25.00 16.00 25.00 16.00 25.00	4.95 3.90 4.00 4.50 3.80 4.50	Grands Malades lock Andenne-Seilles lock Ampsin-Neuville parallel locks Project Ampsin-Neuville parallel locks Ivoz-Ramet parallel locks Project Ivoz-Ramet parallel locks
	LANAYE CANAL	136.0 225.0	16.00 25.00	4.00 4.50	Lanaye lock Project Lanaye lock
	JULIANAKANAAL	136.0 136.0	16.00 16.00	3.60 3.60	Limmel lock complex
	JULIANAKANAAL	142.0 136.0	16.00 16.00	4.00 3.60	Born lock complex
	JULIANAKANAAL	142.0 142.0 142.0	16.00 16.00 16.00	7.90 7.90 7.90	Drielingsluis lock complex

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 01 (continued)	MAAS LATERAL CANAL	142.0	16.00	4.00	Heel lock complex
		142.0	16.00	4.00	
	MAAS	260.0	16.00	3.30	Belfeld lock complex
		142.0	16.00	6.75	
		142.0	16.00	6.75	
	MAAS	260.0	16.00	3.30	Sambeek lock complex
		142.0	16.00	6.75	
		142.0	16.00	6.75	
E 01-02	MEUSE Namur - Givet	100.0	12.00	2.79	La Plante lock
		100.0	12.00	2.75	Tailfer lock
		100.0	12.00	2.75	Hun lock
		100.0	12.00	2.75	Dinant lock
		100.0	12.00	2.76	Houx lock
		100.0	12.00	2.75	Anseremme lock
		100.0	12.00	2.75	Waulsort lock
		100.0	12.00	2.75	Hastière lock
	MEUSE Dinant - Hastière	98.3	12.00	2.57	Anseremme lock
		98.3	12.00	2.57	Waulsort lock
		100.0	12.00	2.49	Hastière lock
	Hastière - Givet	...	...	...	One lock
	CANAL DE L'EST Givet (0.0 km) - Écluse des 3 fontaines (7.1 km)				
		95.0	12.00	3.00	One lock
E 01-04-01	MONSIN CANAL	136.0	16.00	3.10	Monsin lock
E 01-01	CANAL BOCHOLT - HERENTALS	55.0	7.50	2.50	Mol and Lommel locks (Nos. 1, 2 and 3)
	ZUID - WILLEMSVAART	65.0	7.50	2.50	Lock No. 15
		70.0	7.50	2.50	Lock No. 16
		50.0	7.00	1.90	Bocholt and Lozen locks (Nos. 18 and 17)
	KANAAL WESSEM - NEDERWEERT	150.0	12.60	3.95	Panheel lock Complex
E 01-06	KANAAL VAN ST. ANDRIES	110.0	14.00	3.00	St. Andries lock
E 01-03	ZUID - WILLEMSVAART	82.0	9.50	1.90	Lock No. 13
		82.0	9.50	1.90	Lock No. 12
		82.0	9.50	1.90	Lock No. 11
		82.0	9.50	1.90	Lock No. 10
		110.0	12.60	1.90	Helmond lock
		110.0	12.60	1.90	Lock No. 6
		110.0	12.60	1.90	Lock No. 5
		110.0	12.60	1.90	Lock No. 4
		110.0	12.60	2.10	Schijndel lock
		124.2	26.40	2.10	Lock No. 0
		92.0	18.00	2.70	Engelen lock

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 02	BOUDEWIJN CANAL Zeebrugge - Brugge (12.0 km)	125.0	12.00	4.75	Boudewijn lock
		210.0	19.70	5.50	Visart lock
		500.0	57.00	15.00	Vandamme lock
		195.0	12.50	2.30	Menin lock
		185.0	12.50	4.50	Comines lock
		110.0	12.00	2.80	Quesnoy lock
		195.0	12.50	5.00	Project Quesnoy lock
	Quesnoy - Lambersart	144.6	12.00	3.50	Grand Carré lock
E 02-02	GENT - OOSTENDE CANAL Brugge-Schipdonk	120.0	17.50	4.70	Demey lock
		282.5	18.00	...	Dok lock
		89.7	10.20	2.50	Dammepoort lock
E 02-02-01	PLASSENDALE - NIEUWPOORT	90.0	6.35	...	Plassendale lock
		124.0	12.50	...	Saint. Joris lock
E 02-04	ROESELARE - LEIE CANAL Schipdonk - Ooigem Ooigem - Harelbeke lock	115.0	12.50	3.50	Ooigem lock
		136.0	16.00	2.50	Sint-Baafs-Vijve lock
		115.0	12.50	3.50	Harelbeke lock
E 03	SCHELDE - RIJN CONNECTION	325.0	24.00	6.25	Volkeraksluizen
		325.0	24.00	6.25	
		325.0	24.00	6.25	
	SCHELDE - RIJN CONNECTION	280.0	24.00	5.05	Krammersluizen
		280.0	24.00	5.05	
	ZUID - BEVELAND CANAL Hansweert	280.0	24.00	7.30	
		280.0	24.00	7.30	
	GENT - TERNEUZEN CANAL	290.0	38.00	13.50	Terneuzen Westsluis Complex
		140.0	18.00	8.35	Middensluis
		280.0	24.00	6.63	Oostsluis
	GENT CIRCULAR CANAL	136.0	16.00	3.80	Evergem lock
E 04	BRUXELLES - SCHELDE CANAL	225.0	25.00	9.50	New Wintam lock
		205.0	24.00	6.50	Zemst lock
	CHARLEROI - BRUXELLES CANAL Bruxelles - Clabecq	81.6	10.50	3.70	Six locks
		90.0	12.00	3.48	Ittre lock
	CHARLEROI - BRUXELLES CANAL Clabecq - Seneffe	2 x 85.5	2 x 11.60	4.20	Ronquières inclined plan
E 05	HAUTE ESCAUT Blénaries - Herinnes	125.0	14.05	2.89	Herinnes lock
		124.5	14.00	2.89	Kain lock
	BOVEN-SCHELDE Herinnes - Gent Circular Canal	124.5	14.05	3.50	Kerkhove lock
		125.0	14.00	3.50	Oudenaarde lock
		125.0	14.00	3.50	Asper lock
	GENT CIRCULAR CANAL	180.0	18.00	variable	Two Merelbeke locks

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 05 (continued)	BENEDEN - ZEESCHELDE Port of Antwerpen	180.0	22.00	variable	Royers lock
	ALBERTKANAAL Antwerpen - Eben - Emael	136.0 200.0	16.00 24.00	5.00 5.00	Six lock complexes of: Two locks One lock
E 05-02	NIMY-BLATON-PERONNES CANAL Péronnes - Pommeroeul	86.0	12.00	3.50	Peronne I lock
		86.0	12.00	3.50	Peronne II lock
E 05-01	BOSSUIT - KORTRIJK CANAL	38.7	5.15	1.80	Three locks
		115.0	12.50	3.50	Zwevegem lock
		115.0	12.50	3.50	Bossuit lock
		115.0	12.50	3.50	Moen lock
E 05-04	DENDER Aalst - Dendermonde	55.0	7.50	...	Denderbelle lock
		168.0	16.00	variable	Dendermonde lock
E 06	SCHELDE - RIJN CONNECTION	318.0	24.00	5.05	Kreekraksluizen
		318.0	24.00	5.05	
E 10	HARTELKANAAL	280.0	24.00	5.50	Grote Hartelsluis <sup>1</sup>
	HARTELKANAAL	306.3	24.00	6.50	Rozenburgsesluis
	RHINE, downstream of Strasbourg	270.0	24.00	3.30 <sup>2</sup>	Iffezheim and Gamsheim locks
	RHINE Strasbourg - Niffer	189.0	24.00	3.50	Strasbourg, large lock
		189.0	12.00	3.50	Strasbourg, small lock
		190.0	24.00	4.25	Gerstheim, large lock
		190.0	12.00	4.25	Gerstheim, small lock
		185.0	24.00	5.20	Rhinai, large lock
		185.0	12.00	5.20	Rhinai, small lock
		185.0	23.00	5.30	Markolsheim, large lock
		185.0	12.00	5.30	Markolsheim, small lock
		185.0	23.00	5.75	Vogelgrun, large lock
		185.0	12.00	5.75	Vogelgrun, small lock
		185.0	23.00	5.65	Fessenheim, large lock
		185.0	12.00	5.65	Fessenheim, small lock
		185.0	23.00	5.05	Ottmarsheim, large lock
		185.0	12.00	5.85	Ottmarsheim, small lock
	RHÔNE - RHINE CANAL Niffer - Mulhouse	182.9 85.0	25.00 12.00	5.00 3.50	Kembs, western lock <sup>3</sup> Small chamber, draught 3.0 m
	RHÔNE - RHINE CANAL Mulhouse - St. Symphorien	39.2	5.20	2.20	Existing locks, draught 1.8 m
	SAÔNE St. Symphorien - Lyon 219.0 km - 0.0 km	185.0	12.00	3.50	

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 10 (continued)	RHÔNE AND RHÔNE-FOS CANAL Lyon - Fos via the Rhône-Fos canal	190.0	12.00	3.00/3.20	
E 10-01	WESEL - DATTELN KANAL	222.0	12.00	4.00 <sup>4</sup>	
	DATTELN - HAMM KANAL	82.0	9.90	3.05 <sup>4</sup>	Hamm lock
E 10-03	RHEIN - HERNE KANAL	190.0	12.00	4.00 <sup>4</sup>	
E 10-05	RUHR	127.0	12.80	5.11 <sup>5</sup>	Raffelberg lock
E 10-07	NECKAR, downstream of Plochingen	106.0	11.88	3.20 <sup>5</sup>	Besigheim lock
E 10-09	RHINE Niffer - Huningue	183.0	25.00	5.00	Kembs
		190.0	25.00	5.00	Two large locks
	RHINE Huningue - Birsfelden	180.0/187.5	11.45	3.20	
	RHINE Birsfelden - Rheinfelden	110.0	11.45	3.20	
E 10-04	RHÔNE - SÈTE CONNECTION Ecluse Saint-Gilles - Espeyran	195.0	12.00	3.60	
E 10-06	RHÔNE AND PORT SAINT-LOUIS CANAL Lyon - Fos via the Port Saint-Louis Canal	135.0	19.00	5.25	Port Saint Louis lock
E 11	AMSTERDAM - RIJNKANAAL	-	50.00	5.13	Keersluis Zeeburg <sup>6</sup> (no longer in use)
		120.0	14.00	4.20	Zeeburg lock complex (no longer in use)
	AMSTERDAM - RIJNKANAAL	260.0	24.00	5.10	Prinses Irenesluis
		350.0	18.00	4.20	
	AMSTERDAM - RIJNKANAAL	...	80.00	2.35	Keersluis <sup>6</sup>
		260.0	18.00	2.35	Prinses Marijkesluis
		260.0	18.00	2.35	Two chambers
	AMSTERDAM - RIJNKANAAL	260.0	24.00	2.35	Prins Bernardsluis
		350.0	18.00	2.35	
E 11-01	ZAAN	116.8	12.00	3.10	Wilhelminasluis
E 11-02	LEKKANAAL	225.0	18.00	4.20	Prinses Beatrixsluizen (two chambers)
E 12	MAAS - WAALKANAAL	270.0	16.00	3.80	Heumen lock <sup>7</sup>
		262.0	16.00	4.50	Weurt lock complex
		266.0	16.00	6.00	Two chambers
	IJsselmeer	137.8	14.00	4.40	Lorentzsluis Complex
		67.0	9.00	4.40	
E 12-02	MEPPEDIEP	142.0	14.00	4.50	Spooiersluis
E 13	DORTMUND - EMS KANAL To the North of the Mittellandkanal	165.0	12.00	3.50 <sup>5,8</sup>	Herbrum locks
		163.0	9.93	3.50 <sup>4</sup>	Gleesen lock
	DORTMUND - EMS KANAL To the South of the Mittellandkanal	190.0	12.50	4.00 <sup>4</sup>	Münster lock
		190.0	12.00	4.00 <sup>4</sup>	Henrichenburg lock

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 14	WESER From estuary to Minden	350.0	12.40	4.50 <sup>5 8</sup>	Hemelingen locks
		85.0	12.30	3.25 <sup>5</sup>	Dörverden Kleine Schleuse
		85.0	10.00	4.00 <sup>5</sup>	Minden Schachtschleuse
		214.0	12.30	3.00 <sup>5</sup>	Other locks
E 15	IJsselmeer Oranjesluizen	205.0	24.00	4.70	
		72.0	14.00	4.50	
		95.0	18.00	4.50	
		72.0	14.00	4.50	
	IJsselmeer Houtribsluizen	190.0	17.50	4.50	
		190.0	17.50	4.50	
	PRINSES MARGRIET KANAAL Prinses Margrietsluis	260.0	15.90	3.84	
	PRINSES MARGRIET KANAAL Terhornstersluis	260.0	16.00	4.00	Gates are kept open
	VAN STARKENBORGH KANAAL Gaardekuensluis	190.0	16.00	4.77/5.04	
		190.0	16.00	4.22/6.22	
	EEMSKANAAL Zeesluizen Farmsum	123.0	7.00	3.02/4.20	
		144.0	16.00	5.45/6.07	
	DORTMUND - EMS - KANAL	165.0	12.00	3.50 <sup>5 8</sup>	Herbrum locks
	KÜSTENKANAL	104.0	11.90	3.00 <sup>4</sup>	Dörpen lock
		102.0	12.00	3.00 <sup>4 8</sup>	Oldenburg lock
E 15-01	VAN HARINXMA CANAL	127.5	12.00	3.75	Tjerk Hiddes Locks Lock 1
		40.0	7.00	2.05	Lock 2
E 20	ELBE From estuary to Czech border				
		220.0	25.00	4.00 <sup>5</sup>	Geesthacht locks
	ELBE German border - Ústí nad Labem	200.0	24.00	4.00	Děčín lock in project
		173.7	13.00	2.60	Střekov parallel locks
	ELBE Ústí nad Labem - Střekov - Mělník	170.0	24.00	2.60	
		155.0	22.00	2.50	Lovosice parallel locks
		110.0	12.00	2.50	
		85.0	11.00	2.80	České Kopisty parallel locks
		155.0	22.00	3.00	
		85.0	11.00	2.70	Roudnice nad Labem parallel locks
		155.0	22.00	3.00	
		85.0	11.00	2.70	Štětí parallel locks
		155.0	22.00	2.70	
		85.0	11.00	3.00	Dolní Beřkovice parallel locks
	ELBE Mělník - Chvaletice	200.0	22.00	3.25	
		85.0	12.00	3.30	Three locks
		85.0	12.00	3.00	Twelve locks

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 20 (continued)	ELBE Chvaletice - Pardubice	115.0	12.50	4.00	Přelouč II lock (in project)
		85.0	12.00	3.00	Přelouč I lock
		85.0	12.00	3.00	Srnojedy lock
E 20-02	ELBE - SEITENKANAL	100.0	12.00	3.50 <sup>4</sup>	Lüneburg shiplift
		185.0	12.00	4.00 <sup>4</sup>	Uelzen lock
E 20-04	SAALE (0.0 km - 88.0 km)	102.5 <sup>9</sup>	12.00 <sup>9</sup>	3.31 <sup>5</sup>	Wettin lock
E 20-06	VLTAVA Mělník - Praha - Slapy	73.0	11.00	2.50	Hořín parallel locks <sup>10</sup>
		137.0	20.00	2.50	
		69.0	11.00	2.50	Mířejovice double locks <sup>10 11</sup>
		133.0	20.00	2.50	
		52.0	11.00	2.50	Dolánky double locks <sup>10 11</sup>
		133.0	11.00	2.50	
		59.0	11.00	2.50	Roztoky double locks <sup>10 11</sup>
		133.0	20.00	2.50	
		73.0	11.00	2.50	Podbabá parallel locks <sup>10</sup>
		135.0	12.00	4.00	
		115.0	11.00	2.50	Štvanice parallel locks
		175.0	11.00	2.50	
		174.0	11.00	2.50	Smíchov double locks 98 + 72
		192.0	12.00	3.50	Modřany lock
		134.0	12.00	3.00	Vrané nad Vltavou parallel locks
E 21	TRAVE, ELBE - LÜBECK KANAL	85.0	12.00	3.00	
		118.4	12.00	2.50	Štěchovice lock
E 21	TRAVE, ELBE - LÜBECK KANAL	80.0	12.00	2.44 <sup>4</sup>	Büssau lock
E 30	ODER Brzeg Dolny - Kozle	187.0	9.60	2.50	Twenty-three locks
E 30-01	GLIWICKI CANAL	72.0	12.00	3.50	Six parallel locks
E 31	WESTODER, HOHNSAATEN - FRIEDRICHSTHALER WASSERSTRÄÙE	172.0	11.92	4.07 <sup>5</sup>	Hohnsaaten West lock
E 40	WISLA Gdansk - Bydgoszcz Bydgoszcz - Warszawa				
		192.0	12.00	3.60	Przegalina lock
		115.0	12.00	3.50	Włocławek lock
	ZERAN CANAL	85.0	12.00	3.00	One lock
	MUKHOVETS Brest - Kobrin	80.0	11.12 <sup>12</sup>	1.80	Three locks (Nos. 8 to 10)
	DNEPROVSKO - BUGSKIY KANAL Kobrin - Pererub	80.0	11.10 <sup>12</sup>	1.80	Five locks (2-"Kobrin")
	PINA Pererub - Pinsk	120.0	12.70 <sup>12</sup>	2.40	Lock No. 1 at 27.0 km
	PRIPYAT Pinsk - Stakhovo	110.0	12.00 <sup>12</sup>	2.20	Locks Nos. 11 and 12

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 40 (continued)	DNIPRO Mouth of the Pripyat River - Kherson	150.0	18.00	4.00	Kyiv lock
		270.0	18.00	4.25	Kanev lock
		270.0	18.00	3.85	Kremenchuk lock
		270.0	18.00	3.65	Dniprozernyansk lock
		120.0	18.00	4.40	Zaporizhia three chambers lock
		290.0	18.00	5.50	Zaporizhia one chamber lock
		270.0	18.00	3.65	Kakhovka lock
E 50	VOLGO - BALTIJSKIY WATERWAY St. Petersburg - Cherepovets				
	R VOLGA Rybinsk - Astrakhan	198.0	17.80	4.00	Ten locks
E 50-02	VOLGA Rybinsk - Dubna	280.0	29.50	3.50 <sup>13</sup>	Sixteen locks
	KANAL IMENI MOSKVI AND RIVER MOSKVA Dubna - Moskva (Southern Port)	290.0	29.00	3.20 <sup>14</sup>	Nine locks
	KAMA Mouth of the Kama - Solikamsk	240.0	28.90	3.30	Six locks
E 60	KIEL CANAL	310.0	42.00	14.00 <sup>4 8</sup>	
	BELOMORSKO - BALTIJSKIY CANAL Povenets - Belomorsk	130.0	13.50	4.00	Nineteen locks
E 60-02	GUADALQUIVIR	190.0	24.36	7.00	One lock
E 60-04	DOURO Porto - Spanish border 0.0 km - 210.0 km	86.0 - 92.0	12.10	4.20	In total there are five locks on the Douro River
E 60-07	TROLLHÄTTE CANAL	90.0	13.07	5.85	Six locks
E 60-09	SÖDERTÄLJE CANAL	135.0	19.60	8.00	One lock
E 60-11	SAIMAA CANAL Vyborg - Mälkiä Lock Mälkiä Lock - Kuopio/Joensuu Kuopio - Iisalmi				
		85.0	13.20	4.80	
		160.0	13.20	4.80	
		165.0	16.00	4.00	
E 60-11-02	Joensuu - Nurmes	165.0	16.00	3.00	Joensuu lock
		85.0	16.00	3.00	Other two locks
E 61	PEENE, downstream of Dommin	-	-	-	
E 70	NEDER-RIJN Driel, 891.2 km Amerongen, 922.0 km Hagestein, 946.8 km				Normally passage through weir openings: 2 x 48.0 m
		260.0	18.00	3.50	
		260.0	18.00	3.50	
		260.0	18.00	3.50	

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 70 (continued)	TWENTEKANAAL	200.0	24.00	1.30	Eefde lock complex (normally open, only closed at low water)
		133.0	12.00	3.50	Eefde lock complex
		133.0	12.00	3.45	Delden lock complex
		133.0	12.00	3.75	Hengelo lock complex
	MITTELLANDKANAL	220.0	12.00	3.50 <sup>4</sup>	Andertern locks
		224.0	12.00	3.00 <sup>4</sup>	Sülfeld locks
	MITTELLANDKANAL Rothensee - Verbindungskanal	190.0	12.50	4.25	Rothensee lock
	MITTELLANDKANAL	190.0	12.50	4.25	Hohenwarthe parallel locks
	ELBE - HAVEL - KANAL	165.0	11.70	3.49 <sup>4</sup>	Niegripp lock
		220.0	12.00	3.05 <sup>4</sup>	Zerben lock
		220.0	12.00	3.25 <sup>4</sup>	Wusterwitz lock
	UNTERE HAVEL - WASSERSTRÄßE	210.0	9.93	3.24 <sup>5</sup>	Southern Brandenburg lock
		167.4	12.10	3.74 <sup>5</sup>	Northern Brandenburg lock
	HAVEL - ODER - WASSERSTRÄßE	...	...	...	Spandau lock not in operation
		82.0	11.90	2.50 <sup>5</sup>	Niederfinow shiplift
	WARTA - NOTEC - BYDGOSKI CANAL Kostrzyn - Bydgoszcz				
		57.4	9.60	2.50	Twenty one locks
		115.0	12.00	3.50	Czersko Polskie lock
	SZKARPAWA Gdanska Glowa - Elblag	61.0 / 88.2 <sup>15</sup>	12.50	3.00	One lock <sup>15</sup>
	NOGAT Biala Gora - Elblag	56.6 - 57.3	9.50	2.50	Four locks
E 70-01	HOLLANDSCHE IJSSEL	112.0 (ebb) 135.0 (flood)	24.00	5.20	Algera lock. Normally passage through barrier opening of 80.0 m width
E 70-02	Mittellandkanal branch to Osnabrück	82.0	10.00	3.50 <sup>4</sup>	Hollage lock Haste lock
E 70-04	Mittellandkanal branch to Hannover - Linden	83.0	10.00	3.50 <sup>4</sup>	Hannover-Linden lock
E 70-06	Mittellandkanal branch to Hildesheim	82.0	12.00	3.00 <sup>4</sup>	Bolzum lock
E 70-08	Mittellandkanal branch to Salzgitter	223.0	12.00	3.30	Wedtlenstedt locks
E 70-05	HAVELKANAL	82.2	12.00	3.21 <sup>4</sup>	Schönwalde lock
E 70-10	SPREE	82.0	10.00	2.30 <sup>4</sup>	Charlottenburg lock
E 70-12	BERLIN - SPANDAUER SCHIFFFAHRTSKANAL	67.2	10.00	3.00 <sup>4</sup>	Plötzensee locks
E 71	TELTKANAL, BRITZER VERBINDUNGSKANAL	83.5	12.00	3.48	Northern Kleinmachnow lock
	SPREE - ODER - WASSERSTRÄßE	54.1	9.70	3.06 <sup>5</sup>	Northern Kersdorf lock
		65.6	8.54	2.49 <sup>5</sup>	Southern Kersdorf lock

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 80	LE HAVRE - TANCARVILLE CANAL	205.3	24.00	10.40	New lock
		180.0	30.00	7.85	Old lock
	SEINE Rouen - Conflans	220.0	17.00	4.50	Poses-Amfreville lock
		140.0	12.00	4.00	
		185.0	24.00	5.00	Notre-Dame-de-la-Garenne lock
		185.0	12.00	5.00	
		171.0	12.00/17.00	3.20	
		42.0	8.00	3.20	
		185.0	12.00/17.00	4.50	Méricourt lock
		160.0	17.00	4.50	
		140.0	12.00/17.00	2.50	
		185.0	24.00	3.50	Andrésy lock
		160.0	12.00	3.50	
	OISE Conflans - Creil	185.0	12.00	3.00	Pontoise lock
		125.0	12.00	2.20	Ile Adam lock
		180.0	11.40	3.00/2.50	Boran/Oise lock
		125.0	12.00	2.50	Creil lock
	OISE Creil - Compiègne	180.0	11.40	3.00/2.50	Saron lock
		125.0	12.00	2.50	Verberie and Venettes locks
	Compiègne - Reims	46.2	8.00	2.25	Authorized draught 2.00 m
	MOSELLE Toul - Apach	185.0	12.00	8.65	15 locks altogether
		100.0	12.00	2.70	
	MOSELLE Apach - Koblenz	172.0	12.00	3.20 <sup>5</sup>	13 locks altogether
	MAIN, downstream of Frankfurt/Main	341.5	15.00	4.66 <sup>5</sup>	Northern Kostheim lock
	MAIN, upstream of Frankfurt/Main	289.8	12.00	3.00 <sup>5</sup>	Viereth lock
	MAIN - DONAU KANAL	190.0	12.00	4.00 <sup>4</sup>	
	DANUBE Upstream of Regensburg				
		190.0	12.00	4.00 <sup>5</sup>	Bad Abbach lock
	DANUBE, Downstream of Regensburg to 2201.8 km	226.5	24.00	4.70 <sup>5</sup>	Kachlet locks
		230.0	24.00	3.65 <sup>16</sup>	Geisling lock
	DANUBE 2201.8 km - 1880.3 km Aschach, 2162.7 km Ottensheim - Wilheling, 2146.7 km Abwinden - Asten, 2119.5 km Wallsee - Mitterkirchen, 2094.5 km Ybbs Persenbeug, 2060.4 km Melk, 2038.2 km Altenwörth, 1979.8 km Greifenstein, 1949.2 km Wien Freudeneau, 1921.0 km				
		230.0	24.00	4.00	Two locks at each power station
		230.0	24.00	4.00	
		230.0	24.00	4.00	
		230.0	24.00	4.00	Depth at sills referring to LNWL
		230.0	24.00	4.00	
		230.0	24.00	3.40	
		230.0	24.00	4.00	
		230.0	24.00	4.00	
		275.0	24.00	4.00	

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 80 (continued)	DERIVATION CANAL GABČÍKOVO, 1819.15 km	280.0	34.00	4.50	Two locks
	DANUBE 1075.0 km - 0.0 km	310.0	34.00	4.50	Iron Gates I locks, 942.95 km
		310.0	34.00	5.00	
		310.0	34.00	4.50	Iron Gates II locks, 864.00 km
		310.0	34.00	4.50	863.00 km
		140.0	17.00	2.50	Iron Gates II reserve lock
E 80-01	TISZA, 164.0 km - 0.0 km	85.0	12.00	3.00	Becej lock
E 80-01-02	BEGEJ, 65.6 km - 0.0 km	72.1	10.00	2.40	Itebelj lock (out of order)
		72.1	10.00	2.40	Klek lock
		85.0	12.00	3.00	Stojcevo lock
E 80-02	SEINE Tancarville - Estuary	180.0	24.00	3.50	Access to the Port of Le Havre (Seine, 338.5 km)
E 80-04	SEINE Conflans - Paris	220.0	12.00/17.00	3.20	Bougival locks
		113.5	12.00	2.00	
		41.6	8.00	3.20	
		185.0	18.00	5.00	Chatou lock
		185.0	18.00	5.00	Suresnes locks
		160.5	12.00/17.00	4.10	
		160.5	12.00	2.10	
	SEINE Paris - Montereau, 165.2 km - 67.7 km	180.0	12.00/16.00	2.80	
		172.0	12.00	1.80	
	SEINE Montereau - Bray, 67.7 km - 45.0 km	185.0	12.10	2.80	
		121.0	10.50	2.00	
E 80-06	SAAR, downstream of Völklingen	190.0	12.00	4.00 <sup>5</sup>	
E 80-05	DANUBE - BUCURESTI CANAL	130.0	12.50	5.00	Four double locks under construction
E 80-14	DANUBE - BLACK SEA CANAL	310.0	25.00	7.50	Cernavoda (60.0 km) and Agigea (1.3 km) locks
E 80-14-01	POARTA ALBA - MIDIA - NAVODARI	145.0	12.50	6.50	Navodari lock, 1.5 km
					Ovidiu lock, 11.0 km
E 81	VÁH Kolárovo, 27.4 km Selice, 43.9 km Kráľová, 62.8 km Sered' - Hlohovec 82.8 km Hlohovec - Žilina				
		110.0	24.00	4.00	Construction is underway
		110.0	24.00	4.00	One lock
		110.0	24.00	4.00	One lock
		110.0	24.00	4.00	One lock to be built
		110.0/191.0 <sup>17</sup>	12.00	4.00	Twelve locks to be reconstructed
	VÁH - ODER LINK	110.0	12.00	3.50	New link to be built
E 90	DON Azov - Kalach	145.0	17.80	4.00 <sup>18</sup>	Five locks
	VOLGO - DONSKOY CANAL Kalach - Krasnoarmeysk	145.0	17.80	4.00	Thirteen locks

E WATERWAY	SECTION OF E WATERWAY	DIMENSION OF LOCKS			COMMENTS
		LENGTH (m)	WIDTH (m)	DEPTH AT SILLS (m)	
1	2	3	4	5	6
E 91	MILANO - PO CANAL Milano - Cremona	197.0	12.00	3.50	Cremona lock. The lock has two preterlocks which measure 110.0 - 12.00 - 3.50.
		200.0	12.50	3.50	Acquanegra lock
	PO Po - mouth of the Mincio River	80.0	10.00	3.50	Governolo lock. Improvement to class V not foreseen because of the construction of the Mantova-Valdaro lock.
		225.0	12.50	3.50	S. Leone lock
	PO - BRONDOLO CANAL	100.0	10.50	3.50	Cavanella d'Adige right lock
		110.0	12.50	3.50	Cavanella d'Adige right new lock under construction
		100.0	10.50	3.50	Cavanella d'Adige left lock
		110.0	12.50	3.50	Cavanella d'Adige left new lock under construction
		100.0	10.50	3.50	Brondolo lock
		110.0	12.50	3.50	Brondolo new lock under construction
	LAGUNA VENETA	81.0	20.00	3.50	Cavallino lock. Used for touristic purposes
		81.0	10.00	3.50	Cortellazzo lock. Used for touristic purposes.
		81.0	10.00	3.50	Revedoli lock. Used for touristic purposes.
		81.0	10.00	3.50	Bavazzana lock. Used for touristic purposes.
E 91-02	PO From Cremona lock to Casale Monferrato	85.0	11.50	2.50	Isola Serafini lock. Ongoing improvement to class Va 110.0-12.50-3.5
E 91-04	FERRARA WATERWAY Ferrara - Porto Garibaldi	110.0	12.50	3.50	Pontelagoscuro lock
		98.0	12.00	3.50	Valpagliaro lock
		98.0	12.00	3.50	Vallelepri lock
E 91-01	MANTOVA - ADRIATICO CANAL	110.0	12.50	3.50	Valdaro lock under construction
		110.0	12.50	3.50	Trevenzuolo lock
		110.0	12.50	3.50	Torretta lock
		110.0	12.50	3.50	Canda lock
		110.0	12.50	3.50	Bussari lock
		110.0	12.50	3.50	Barricetta lock
		224.5	24.00	3.50	Voltagrimana lock
E 91-03	PADOVA - VENEZIA CANAL	80.0	10.00	3.50	Romea lock

## Notes to table 2

- <sup>1</sup> In operation in case of storm flood, otherwise open connection.
- <sup>2</sup> Datum: Gleichwertiger Wasserstand "GLW" i.e. a long-term mean water level exceeded on all but 20 ice-free days per year.
- <sup>3</sup> Maximum dimensions of convoys admitted are 180.0 x 22.90 m and 186.5 x 22.90 m, respectively.
- <sup>4</sup> Datum: normal canal water level.
- <sup>5</sup> Datum: hydrostatic water level.
- <sup>6</sup> Normally open.
- <sup>7</sup> The lock is only used as a flood gate: the lock is normally open, it's only closed if the waterlevel on the Maas River reaches a certain limit.
- <sup>8</sup> Depending on the tide water level prevailing.
- <sup>9</sup> On account of the particular shape and outline of the locks' chambers, single units of not more than 80.0 m in length and 8.25 m in width are admitted.
- <sup>10</sup> Lock gate width is 11.00 m.
- <sup>11</sup> These locks are located one after the other allowing the passage of convoys of up to 190.0 m in length.
- <sup>12</sup> This is the width of gates. The width of chambers is 16.00 m.
- <sup>13</sup> Limitation draught at the Gorodetski Lock. At other locks a draught of 4.00 m is ensured.
- <sup>14</sup> From Dubna to the Moskva Northern Port depth at sills is 4.00 m.
- <sup>15</sup> Additional gate of the lock.
- <sup>16</sup> Datum: Low regulated navigable water level (LRN) i.e. a mean water level exceeded on 94 per cent of ice-free days per year.
- <sup>17</sup> 190.0 m after the completion of the reconstruction.
- <sup>18</sup> Limitation draught at the Kochetovski Lock.

## Annex IV

### Table III

### Technical characteristics of inland navigation ports of international importance

#### Explanations of Table III

This table provides data on European inland navigation ports of international importance. Ports are classified in the table in accordance with their annual cargo-handling capacity (0.5–3 million tons, 3–10 million tons and more than 10 million tons). The annual cargo-handling capacity should be interpreted as the potential of a particular port with regard to its existing equipment.

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
					20'	40'				
1		2	3	4	5	6	7	8	9	
P 01-01	Dunkerque (Dunkerque-Valenciennes Canal, 20.5 km)			x	x	x	x	x		
P 01-02	Charleroi (Sambre)		x		x	x	x	x		
P 01-02bis	Charleroi (Charleroi-Bruxelles Canal)		x		-	-	-	-		
P 01-03	Namur (Sambre)		x		x	x	-	x		
P 01-03bis	Namur (Meuse)		x		-	-	-	-		
P 01-04	Liège (Meuse)			x	x	x	x	x		
P 01-04bis	Liège (Albert Canal)			x	x	x	x	x		
P 01-05	Maastricht (Maas, 4.5 km)	x			-	-	-	x		
P 01-06	Stein (Maas, 21.9 km)	x			x	x	-	x		
P 01-07	Born/Sittard-Geleen (Maas, 29.7 km)	x			x	x	x	x		
P 01-08	Maasbracht (Maas, 41.8 km)	x			-	-	-	x		
P 01-09	Roermond (Maas, 74.3 km)	x			-	-	-	-		
P 01-09bis	Venlo (Maas)	x			x	x	-	x		
P 01-09ter	Meerlo/Wanssum (Maas)	x			x	x	-	-		
P 01-09quater	Gennep (Maas)		x		-	-	-	-		
P 01-09 quinques	Cuijk (Maas)		x		-	-	-	-		
P 01-09sexies	Grave (Maas)	x			-	-	-	-		
P 01-10	Oss (Maas, 159.1 km)		x		x	x	-	x		
P 01-10bis	Maasdriel (Maas)	x			-	-	-	-		
P 01-10ter	Waalwijk (Bergsche Maas)	x			x	x	-	-		
P 01-10quater	Geertruidenberg (Bergsche Maas)	x			-	-	-	-		
P 01-10 quinques	Oosterhout (Wilhelminakanaal)	x			x	x	-	x		
P 01-10sexies	Tilburg (Wilhelminakanaal)	x			x	x	-	x		

\* Private Port

\*\* Legend:

x available  
- not available  
... no information

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
					20'	40'				
1	2	3	4	5	6	7	8	9		
P 01-11	Dordrecht (Merwede, 974.4 km)		x		-	-	-	x		
P 01-12	Zwijndrecht (Oude Maas, 980.6 km)		x		-	-	x	x		
P 01-13	Vlaardingen (Nieuwe Waterweg, 1010.5 km)	x			-	-	-	x		
P 01-14	Maassluis (Nieuwe Waterweg, 1018.7 km)	x			x	x	-	-		
P 01-01-01	Overpelt (Kanaal Bocholt-Herentals, 14.8 km)	...	...	...	...	...	...	...		
P 01-03-01	's-Hertogenbosch (Zuid-Willemsvaart, 4.0 km)	x			x	x	-	-		
P 01-03-01bis	Veghel (Zuid-Willemsvaart)	x			x	x	-	-		
P 02-01	Zeebrugge (North Sea)	x		x <sup>1</sup>	x	x	x	x		
P 02-02	Aalter (Gent - Oostende Canal, 22.5 km)	...	...	...	...	...	...	...		
P 02-03	Lille (Deûle, 42.0 km)	x			x	x	-	x		
P 02-02-01	Oostende (North Sea)	...	...	...	...	...	...	...		
P 02-04-01	Roeselare (Roeselare-Leie Canal, 0.5 km)	...	...	...	...	...	...	...		
P 02-04-02	Izegem (Roeselare - Leie Canal, 6.4 km)	...	...	...	...	...	...	...		
P 03-01	Moerdijk ( Hollands Diep)			x	x	x	x	x		
P 03-02	Terneuzen (Gent - Terneuzen Canal, 32.5 km)			x	x	x	x	x		
P 03-03	Zelzate (Gent - Terneuzen Canal, 19.6 km)	...	...	...	...	...	...	...		
P 03-04	Gent (Gent - Terneuzen Canal, 4.6 km)	...	...	...	...	...	...	...		
P 04-01	Vlissingen (Westerschelde)	x			x	x	x	x		
P 04-02	Beveren (Beneden Zeeschelde, 22.9 km)	...	...	...	...	...	...	...		
P 04-03	Ruisbroek (Charleroi-Bruxelles Canal, 58.8 km)	...	...	...	...	...	...	...		
P 04-03bis	Willebroek (Bruxelles-Schelde Canal, 61.3 km)	x			x	x	x	x		
P 04-04	Grimbergen (Bruxelles-Schelde Canal, 75.8 km)	x			-	-	-	-		
P 04-05	Bruxelles (Bruxelles-Schelde Canal, 81.5 km)	...	...	...	...	...	...	...		
P 05-01	Avelgem (Boven-Schelde, 35.7 km)	x			x	x	...	...		
P 05-02	Melle (Boven-Zeeschelde, 9.9 km)	...	...	...	...	...	...	...		
P 05-03	Meerhout (Albertkanaal, 80.7 km)	x			x	x	...	...		

E PORTS	CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
	0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
				20'	40'					
1	2	3	4	5	6	7	8	9		
P 05-04 Ham (Albertkanaal, 73.7 km)	x			...	...	...	...			
P 05-05 Hasselt (Albertkanaal, 51.5 km)	x			...	...	...	...			
P 05-06 Genk (Albertkanaal, 42.9 km)	x			...	...	...	...			
P 05-07 Centre and West (Schelde)		x		x	x	x	x			
P 05-07bis Centre and West (Centre)		x		x	x	x	x			
P 05-04-01 Aalst (Dender, 53.7km)	...	...	...	...	...	...	...			
P 06-01 Antwerpen (Schelde, 102.9 km)	...	...	...	...	...	...	...			
P 06-02 Bergen op Zoom (Schelde-Rijn Connection, 1031.8 km)	x			x	x	-	-			
P 10-01 Rotterdam (Nieuwe Maas, 1002.5 km)			x	x	x	x	x			
P 10-02 Alblasserdam (Noord, 981.1 km)	x			x	x	-	-			
P 10-02bis Gorinchem (Merwede)	x			x	x	-	-			
P 10-02ter Zaltbommel (Waal)	x			-	-	-	-			
P 10-03 Tiel (Waal, 914.6 km)	x			-	-	x	-			
P 10-04 Emmerich (Rhine, 852.0 km)	x			x	x	...	x			
P 10-05 Wesel (Rhine, 814.0 km)	x			x	x	...	x			
P 10-06 Rheinberg-Ossenberg* (Rhine, 806.0 km)	x			...	...	...	...			
P 10-07 Orsoy (Rhine, 794.0 km)	x			...	...	...	...			
P 10-08 Walsum-Nordhafen* (Rhine, 793.0 km)	x			...	...	...	...			
P 10-09 Walsum-Sud* (Rhine, 791.0 km)	x			...	...	...	...			
P 10-10 Schwelgern* (Rhine, 790.0 km)			x	...	...	...	...			
P 10-11 Homberg, Sachtleben* (Rhine, 774.0 km)			x	x	x	x	x			
P 10-12 Duisburg-Ruhrort Häfen (Rhine, 774.0 km)			x	x	x	x	x			
P 10-13 Krefeld (Rhine, 762.0 km)	x			x	x	...	x			
P 10-14 Düsseldorf (Rhine, 743.0 km)	x			x	x	...	x			
P 10-15 Neuss (Rhine, 740.0 km)		x		x	x	...	x			
P 10-16 Stürzelberg* (Rhine, 726.0 km)	x			...	...	...	x			
P 10-17 Leverkusen* (Rhine, 699.0 km)	x			x	x	...	x			

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 10-18	Köln (Rhine, 688.0 km)			X	X	X	...	X			
P 10-19	Wesseling-Godorf* (Rhine, 672.0 km)	X			...	...	...	X			
P 10-20	Bonn (Rhine, 658.0 km)	X			X	X	-	-			
P 10-21	Andernach (Rhine, 612.0 km)	X			-	-	-	X			
P 10-22	Neuwied (Rhine, 606.0 km)				-	-	-	X			
P 10-23	Bendorf (Rhine, 599.0 km)	X			-	-	-	X			
P 10-24	Koblenz (Rhine, 596.0 km)	X			X	X	-	X			
P 10-25	Bingen (Rhine, 527.0 km)				-	-	-	X			
P 10-26	Wiesbaden (Rhine, 500.0 km)	X			-	-	-	X			
P 10-27	Gernsheim (Rhine, 462.0 km)	X			-	-	-	X			
P 10-28	Worms (Rhine, 444.0 km)	X			-	-	-	X			
P 10-29	Mannheim (Rhine, 424.0 km)		X		X	X	X	X			
P 10-30	Ludwigshafen (Rhine, 420.0 km)		X		X	X	X	X			
P 10-31	Speyer (Rhine, 400.0 km)	X			-	-	-	X			
P 10-32	Germersheim (Rhine, 385.0 km)	X			X	X	-	X			
P 10-33	Wörth (Rhine, 366.0 km)	X		X	X	X	-	X			
P 10-34	Karlsruhe (Rhine, 360.0 km)				X	X	X	X			
P 10-35	Kehl (Rhine, 297.0 km)	X			X	X	-	X			
P 10-36	Strasbourg (Rhine, 296.0 km)		X		X	X	X	X	Sand, gravel, oil products, cereals, heavy packages		
P 10-37	Breisach (Rhine, 226.0 km)	X			-	-	-	-			
P 10-38	Colmar-Neuf Brisach (Rhine, 225.8 km)	X			X	X	-	X	Minerals, gravel, aluminium, cereals		
P 10-39	Mulhouse-Ottmarsheim (Grand Canal d'Alsace, 21.0 km)		X		X	X	-	X	Minerals, agricultural products, metallurgical products and chemicals		
P 10-40	Fort Louis Stattmatten (Grand Canal d'Alsace, 322.0 km)	X			...	...	...	...			
P 10-41	Ile Napoléon (Rhône-Rhine Canal, 37.6 km)	X			-	-	-	X	Oil products, minerals, fertilizers		
P 10-42	Aproport (Chalon-sur-Saône, Mâcon, Villefranche-sur-Saône) (Saône, 230.0 km, 296.0 km and 335.0 km)	X			X	X	-	X			

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 10-43	Pagny (Saône)	x			x	x	x	-			
P 10-44	Lyon (Rhône, 375.0 km)	x			x	x	x	x	Oil and metallurgical products, minerals		
P 10-45	Marseille-Fos (Marseille-Rhône Canal, 0.0 km)	x			x	x	x	x	Oil products, minerals		
P 10-01-01	Rhein-Lippe-Hafen* (Wesel-Datteln-Kanal, 1.0 km)	x			...	...	...	x			
P 10-01-02	Marl Hüls-AG* (Wesel-Datteln-Kanal, 38.0 km)		x		...	...	...	x			
P 10-01-03	Auguste Victoria* (Wesel-Datteln-Kanal, 39.0 km)	x			...	...	...	...			
P 10-01-04	Lünen (Datteln-Hamm-Kanal, 11.0 km)	x			...	...	...	x			
P 10-01-05	Berkamen* (Datteln-Hamm-Kanal, 22.0 km)	x			...	...	...	...			
P 10-01-06	Hamm (Datteln-Hamm-Kanal, 34.0 km)	x			x	x	...	x			
P 10-01-07	Schmehausen* (Datteln-Hamm-Kanal, 47.0 km)	x			...	...	...	...			
P 10-03-01	Essen (Rhein-Herne-Kanal, 16.0 km)	x			...	...	...	x			
P 10-03-02	Coelln-Neuessen* (Rhein-Herne-Kanal, 17.0 km)	x			...	...	...	...			
P 10-03-03	Ruhr-Oel* (Rhein-Herne-Kanal, 22.0 km)	x			x	x	...	x			
P 10-03-04	Gelsenkirchen (Rhein-Herne-Kanal, 24.0 km)		x		x	x	...	x			
P 10-03-05	Wanne-Eickel (Rhein-Herne-Kanal, 32.0 km)	x			...	...	...	x			
P 10-05-01	Mühlheim (Ruhr, 8.0 km)	x			x	x	...	...			
P 10-07-01	Heilbronn (Neckar, 110.0 km)		x		x	x	x	x			
P 10-07-02	Stuttgart (Neckar, 186.0 km)	x			-	-	-	x			
P 10-07-03	Plochingen (Neckar, 200.0 km)	x			-	-	-	x			
P 10-09-01	Huningue (Rhine, 168.4 km)	x			-	-	-	x	Oil products, minerals, fertilizers		
P 10-09-02	Swiss Rhine Ports (Schweizerische Rheinhäfen) (Rhine, 159.15 km - 170.0 km)			x	x	x	x	x			
P 10-04-01	Sète (Rhône-Sète Canal, 96.0 km)	x			x	x	x	x	Coal, cereals, oilcake		
P 10-06-01	Fos (Fos Bay, sea section)			x	x	x	x	x			

E PORTS	1	CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **	RO-RO **		
		2	3	4	5	6	7	8
P 11-01	IJmond (Noordzeekanaal, 4.7 km)			x	x	x	x	
P 11-02	Zaanstad (Zaan, 1.4 km)		x		x	x	-	x
P 11-02bis	Beverwijk (Noordzeekanaal)	x			x	x	-	-
P 11-03	Amsterdam (Noordzeekanaal, 20.6 km)			x	x	x	x	
P 11-04	Utrecht (Amsterdam-Rijnkanaal, 35.0 km)		x		x	x	-	x
P 11-01-01	Zaandam (Zaan, 2.0 km)	x			-	-	-	-
P 12-01	Nijmegen (Waal, 884.6 km)	x			x	x	-	-
P 12-02	Arnhem (Neder-Rijn, 885.8 km)	x			-	-	-	-
P 12-02bis	Deventer (IJssel)	x			-	-	-	-
P 12-03	Zwolle (IJssel, 980.7 km)	x			-	-	-	-
P 12-03bis	Kampen (IJssel)	x			-	-	-	-
P 12-02-01	Meppel (Meppelerdiep, 10.5 km)	x			x	x	-	-
P 13-01	Emsland* (Dortmund-Ems-Kanal, 151.0 km)	x			...	...	...	x
P 13-02	Münster (Dortmund-Ems-Kanal, 68.0 km)	x			...	...	...	x
P 13-03	Dortmund (Dortmund-Ems-Kanal, 1.0 km)	x			x	x	...	x
P 14-01	Bremerhaven (Weser, 66.0-68.0 km)	x			x	x	x	x
P 14-02	Nordenham (Weser, 54.0-64.0 km)	x			x	x	-	x
P 14-03	Brake (Weser, 41.0 km)	x			x	x	-	x
P 14-04	Bremen (Weser, 4.0-8.0 km)		x		x	x	x	x
P 15-01	Almere (IJsselmeer)	x			-	-	-	-
P 15-01bis	Lelystad (IJsselmeer)	x			-	-	-	-
P 15-02	Lemmer (Prinses Margrietkanaal, 90.5 km)	x			-	-	-	-
P 15-02bis	Sneek	x			x	x	-	-
P 15-02ter	Zuidhorn (Prinses Margrietkanaal)	x			-	-	-	-
P 15-03	Groningen (Starkenborghkanaal, 7.0 km)	x			-	-	-	x
P 15-04	Emden (Ems, 41.0 km)	x			x	x	x	x

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
					20'	40'				
1	2	3	4	5	6	7	8	9		
P 15-05	Leer (Ems, 14.0 km)				-	-	-	x		
P 15-06	Oldenburg* (Hunte, 0.0 - 5.0 km)	x			-	-	-	x		
P 15-01-01	Leeuwarden (Haringsmakanaal, 23.7 km)	x			-	-	-	x		
P 20-01	Cuxhaven (Elbe, 724.0 km)	x			x	x	x	x		
P 20-02	Brunsbüttel (Elbehafen, 693.0 km)	x			-	-	-	-		
P 20-03	Bützfleet* (Elbe, 668.0 km)		x		-	-	-	-		
P 20-04	Hamburg (Elbe, 618.0-639.0 km)			x	x	x	x	x		
P 20-05	Lauenburg (Elbe, 568.0 km)	x			-	-	-	-		
P 20-06	Tangermünde (Elbe, 388.0 km)				-	-	-	-		
P 20-07	Kieswerk Rogätz* (Elbe, 354.0 km)	x			-	-	-	x		
P 20-08	Magdeburger Häfen (Elbe, 330.0 and 333.0 km)	x			-	-	-	x		
P 20-09	Schönebeck (Elbe, 315.0km)	x			-	-	-	-		
P 20-10	Aken (Elbe, 277.0 km)				-	-	-	-		
P 20-11	Torgau (Elbe, 154.0 km)				-	-	-	-		
P 20-12	Kieswerk Mühlberg* (Elbe, 125.0 km)	x			-	-	-	x		
P 20-13	Riesa (Elbe, 109.0 km)				-	-	-	-		
P 20-14	Dresden (Elbe, 57.0 and 61.0 km)				-	-	-	-		
P 20-15	Děčín (Elbe, 737.3 and 739.3 km)	x			x	x	-	x		
P 20-16	Ústí nad Labem (Elbe, 761.5 and 764.0 km)	x			x	x	-	x		
P 20-17	Mělník (Elbe, 834.4 km)	x			x	x	x	x		
P 20-17bis	Týnec nad Labem (Elbe, 933.7 km)	x			-	-	-	-		
P 20-04-01	Halle-Trotha (Saale, 86.0 km)	x			-	-	-	-		
P 20-06-01	Miřejovice (Vltava, 18.9 km)	x			-	-	x	-		
P 20-06-01bis	Praha (Vltava, 47.4 and 55.5 km)	x			-	-	-	bulk cargoes		
P 21-01	Lübeck (Trave, 2.0 - 8.0 km)	x			x	x	x	x		

E PORTS	CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS	
	0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **	RO-RO **			
	20'	40'						
1	2	3	4	5	6	7	8	9
P 30-01	Swinoujscie (Baltic Sea-mouth of the Oder)		x		x	x	x	
P 30-02	Szczecin (Oder, 741.0 km)			x	x	x	x	
P 30-03	Kostrzyn (Oder, 617.0 km)	x		-	-	-	x	
P 30-04	Wroclaw (Oder, 255.0 km)	x		-	-	-	x	
P 30-05	Kozle (Oder, 96.0 km)	x		-	-	-	x	
P 30-01-01	Gliwice (Gliwicki Canal, 41.0 km)	x		-	-	-	x	
P 40-01	Gdansk (Baltic Sea- mouth of the Wisla)			x	x	x	x	
P 40-02	Bydgoszcz (Wisla, 772.3 km and Brda, 2.0 km)	x		-	-	-	-	
P 40-03	Brest (Mukhovets, 1.5 km)	x		-	-	-	-	General and bulk cargo
P 40-04	Pinsk (Pina, 9.0 km)	x		-	-	-	-	General and bulk cargo
P 40-04bis	Mikashevichi (Pripyat, 40.5 km and Mikashevichi Canal, 7.0 km)	x		-	-	-	-	Bulk cargo
P 40-04ter	Mozyr (Pripyat, 188.0 km)	x		-	-	-	x	General and bulk cargo
P 40-05	Kyiv (Dnipro, 856.0 km)		x	x		-	x	Bulk and general cargo
P 40-06	Cherkassy (Dnipro, 653.0 km)		x		x	-	x	Bulk and general cargo
P 40-07	Kremenchuk (Dnipro, 541.0 km)		x	x	-	-	x	Bulk and general cargo
P 40-07bis	Poltava Ore Mining and Processing Enterprize (Dnipro, 521.0 km)	x		-	-	-	x	Ore, minerals
P 40-08	Dniprodzerzhynsk (Dnipro, 429.0 km)		x		-	-	x	Bulk and general cargo
P 40-08bis	Cargo Handling terminal (Dnipro, 422.0 km)	x		-	-	-	x	Bulk and general cargo
P 40-09	Dnipropetrovsk (Dnipro, 393.0 km)			x	x		x	Bulk and general cargo
P 40-10	Zaporizhya (Dnipro, 308.0 km)		x	x	x	-	x	Bulk and general cargo, lighters
P 40-11	Nova Kakhovka (Dnipro, 96.0 km)	x		-	-	-	-	Bulk and general cargo
P 40-12	Kherson (Dnipro, 28.0 km)		x	x	-	-	x	Bulk and general cargo, lighters
P 40-01-01	Chernihiv (Desna, 194.5 km)		x		-	-	x	General and bulk cargo
P 40-02-01	Mykolaiv, river port (Pivdenny Buh, 40.0 km)	x						Cereals, scrap, minerals
P 40-02-02	Mykolaiv, sea port (Pivdenny Buh, 35.0 km)		x		x	-	x	Timber, oil products, metals, cereals, bulk cargo, scrap
P 40-02-03	Dnipro-Buhskiy (Pivdenny Buh, 16.0 km)		x		-	-	x	Ore, general cargo

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 41-01	Klaipeda sea port (Kurshskiy Zaliv)			x	x	x	x				
P 41-02	Nida (Kurshskiy Zaliv, 42.7 km) <sup>2</sup>	...	...	...	...	...	...	...			
P 41-03	Uostadvaris (Nemunas, 61.3 km) <sup>2</sup>	...	...	...	...	...	...	...			
P 41-04	Kaunas (Nemunas, 209.0 km)	x		-	-	-	x				
P 50-01	Sankt-Petersburg sea port (Neva, 1397.0 km) <sup>3</sup>			x	x	x	x	x	General cargoes, timber, cereals, coal		
P 50-02	Sankt-Petersburg river port (Neva, 1385.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal		
P 50-03	Podporozhie (Volgo-Baltijskiy Waterway, 1045.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, ore, pipes		
P 50-04	Cherepovets (Volgo-Baltijskiy Waterway, 540.0 km) <sup>3</sup>	x			x	x	-	x	General cargoes, timber, construction materials, coal		
P 50-05	Yaroslavl (Volga, 520.0 km) <sup>3</sup>	x			x	-	-	x	General cargoes, timber, construction materials, fertilisers		
P 50-06	Nizhniy Novgorod (Volga, 907.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal		
P 50-07	Kazan (Volga, 1313.0 km) <sup>3</sup>	...	...	...	...	...	...	...			
P 50-08	Ulianovsk (Volga, 1541.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, construction materials, coal		
P 50-09	Samara (Volga, 1746.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal		
P 50-10	Saratov (Volga, 2175.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal, cereals		
P 50-11	Volgograd (Volga, 2560.0 km) <sup>3</sup>	x			x	-	-	x	General cargoes, timber, construction materials, coal		
P 50-12	Astrakhan (Volga, 3051.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, construction materials, timber		
P 50-02-01	Moskva Northern Port (Kanal imeni Moskvi, 42.0 km) <sup>3</sup>	x			x	x	-	-	General cargoes, timber, construction materials, salt		
P 50-02-02	Moskva Western Port (Kanal imeni Moskvi, 32.0 km) <sup>3</sup>	...	...		...	...	...	...			
P 50-02-03	Moskva Southern Port (Kanal imeni Moskvi, 0.0 km) <sup>3</sup>	...	...		...	...	...	...			

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 50-02-02-01 Tver (Volga, 279.0 km) <sup>3</sup>	x			-	-	-	-		General cargoes, construction materials		
P 50-01-01 Perm (Kama, 2269.0 km) <sup>3</sup>		x		x	-	-	x		General cargoes, timber, construction materials, coal, ore, cereals		
P 60-01 Scheveningen (North Sea)	x			-	-	-	-				
P 60-02 Den Helder (North Sea)	x			-	-	x	-				
P 60-03 Brunsbüttel (Kiel Canal, 2.0 - 5.0 km)	x			-	-	-	x				
P 60-04 Rendsburg (Kiel Canal, 62.0 km)				-	-	-	x				
P 60-05 Kiel (Kiel Canal, 96.0 km)				x	x	x	x				
P 60-06 Flensburg				-	-	-	x				
P 60-07 Wismar	x			x	x	x	x				
P 60-08 Rostock	x			x	x	x	x				
P 60-09 Stralsund				-	-	-	x				
P 60-10 Greifswald	x			-	-	-	-				
P 60-11 Sventoji (Baltic Sea)	...	...	...	...	...	...	...				
P 60-12 Vyborg (Vyborg Bay)	...	...	...	...	...	...	...				
P 60-13 Petrozavodsk (Lake Onega, 1009.0 km) <sup>3</sup>	x			-	-	-	x		General cargoes, construction materials		
P 60-14 Arkhangelsk sea port (Mouth of Severnaja Dvina)	...	...	...	...	...	...	...				
P 60-15 Arkhangelsk river port (Mouth of Severnaja Dvina)	...	...	...	...	...	...	...				
P 60-02-01 Sevilla (Guadalquivir, 80.0 km)		x		x	x	x	x		General and bulk cargoes		
P 60-04-01 Douro (Douro, 5.0 km)	...	...	...	...	...	...	...				
P 60-04-02 Sardoura (Douro, 49.0 km)	...	...	...	...	...	...	...				
P 60-04-03 Régua-Lamego (Douro, 101.0 km)	...	...	...	...	...	...	...				
P 60-06-01 Bordeaux (Gironde et Garonne, 359.0 km)			x	x	x	-	x				
P 60-08-01 Nantes (Loire, 645.0 km)	x			x	x	-	x		Minerals, construction materials		

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
					20'	40'				
1	2	3	4	5	6	7	8	9		
P 60-10-01	Harlingen (Waddenzee)	x			x	x	x	x		
P 60-12-01	Delfzijl (Waddenzee)		x		x	x	x	x		
P 60-11-01	Mustola (39.0 km from the mouth of Saimaa Canal)	x			x	x	x	x		
P 60-11-02	Kaukas* (52.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-03	Rapasaari* (52.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-04	Joutseno* (67.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-05	Vuoksi* (85.0 km from the mouth of Saimaa Canal)	x			-	-	-	-		
P 60-11-06	Varkaus (Port of Taipale) (270.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-07	Varkaus (Port of Kosulanniemi)* (270.0 km from the mouth of Saimaa Canal)	x			-	-	-	-		
P 60-11-08	Varkaus (Port of Akonniemi) (270.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-09	Kuopio (352.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 60-11-02-01	Puhos* (311.0 km from the mouth of Saimaa Canal)	x			-	-	-	-		
P 60-11-02-02	Joensuu (346.0 km from the mouth of Saimaa Canal)	x			-	-	-	x		
P 61-01	Anklam (Peene, 95.0 km)	x			-	-	-	x		
P 70-01	Wageningen (Neder-Rijn, 903.2 km)	x			-	-	-	-		
P 70-03	Ibbenbüren (Mittellandkanal, 5.0 km)	x			-	-	-	x		
P 70-04	Minden (Mittellandkanal, 100.0 - 104.0 km)	x			-	-	-	x		
P 70-05	Hannover (Mittellandkanal, 155.0 - 159.0 km)	x			x	x	-	x		
P 70-06	Mehrum* (Mittellandkanal, 194.0 km)	x			-	-	-	-		
P 70-07	Braunschweig (Mittellandkanal, 220.0 km)	x			-	-	-	x		
P 70-08	Braunschweig/Thune* (Mittellandkanal, 223.0 km)	x			-	-	-	-		
P 70-09	Haldensleben (Mittellandkanal, 301.0 km)	x			-	-	-	x		
P 70-10	Niegripp* (Elbe-Havel-Kanal, 330.0 km)	x			-	-	-	-		
P 70-11	Brandenburg* (Untere Havel-Wasserstraße, 60.0 km)	x			-	-	-	-		

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
		20'	40'	RO-RO **						
1	2	3	4	5	6	7	8	9		
P 70-12	Brandenburg (Untere Havel-Wasserstraße, 57.0 km)	x			-	-	-	Gravel works		
P 70-13	Deponie Deetz* (Untere Havel-Wasserstraße, 40.0 km)	x			-	-	-	x		
P 70-14	Spandau South Harbour (Untere Havel-Wasserstraße, 2.0 km)	x			-	-	-	x		
P 70-15	Elblag (Zalew Wislany)	x			-	-	-			
P 70-16	Kaliningrad sea port (Pregolia, 8.0 km)	...	...	...	...	...	...			
P 70-17	Kaliningrad river port (Pregolia, 9.0 km)	...	...	...	...	...	...			
P 70-01-01	Gouda (Hollandse IJssel, 1.4 km)	x			-	-	-			
P 70-01-01bis	Alphen aan den Rijn (Gouwe)	x			x	x	-			
P 70-03-01	Enschede (Twentekanaal, 49.8 km)	x			-	-	-			
P 70-03-01bis	Hengelo (Twentekanaal, 45.1 km)	x			x	x	-	x		
P 70-03-02	Almelo (Zijkanaal, 17.6 km)	x			-	-	-			
P 70-03-03	Lochem (Twentekanaal)	x			-	-	-			
P 70-02-01	Osnabrück (Stichkanal, 13.0 km)				-	-	x	x		
P 70-04-01	Hannover-Linden (Stichkanal, 11.0 km)	x			-	-	-	x		
P 70-06-01	Hildesheim (Stichkanal, 15.0 km)				-	-	-	x		
P 70-08-01	Salzgitter (Stichkanal, 15.0 km)	x			x	-	-	x		
P 70-10-01	Cargo-Handling Complex* (branch of the Spree at 0.0 km)	x			-	-	-	-		
P 70-10-02	Nonnendamm (Spree, 2.0 km)	x			-	-	-	x		
P 70-10-03	Reuter Power Station* (Spree, 3.0 km)	x			-	-	-	x		
P 70-10-04	Charlottenburg Power Station (Spree, 8.0 km)				-	-	-			
P 70-10-05	Westhafen Berlin (Westhafenkanal, 3.0 km)				-	-	-	x		
P 70-10-06	Osthafen Berlin (Spree, 21.0 km)				-	-	-	x		
P 70-10-07	Klingenberg Heating Station (Spree, 25.0 km)	x			-	-	-	x		
P 70-12-01	Moabit Power Station* (Berlin-SpandauerSchiffahrtskanal, 9.0 km)	x			-	-	-	-		
P 71-01	Teltowkanal Cargo-Handling Point* (Teltowkanal, 31.0 - 34.0 km)	x			-	-	-	x		
P 71-02	Oberschöneweide Cargo-Handling Point (Spree-Oder Wasserstraße, 28.0 - 29.0 km)	x			-	-	-	x		

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR		RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **					
					20'	40'				
1	2	3	4	5	6	7	8	9		
P 71-03	Eisenhüttenstadt EKO* (Spree-Oder Wasserstraße, 122.0 km)	x			-	-	-	x		
P 71-04	Eisenhüttenstadt (Spree-Oder Wasserstraße, 124.0 km)				-	-	-	x		
P 71-02-01	Potsdam (Potsdamer Havel, 3.0 km)				-	-	-	-		
P 71-06-01	Niederlehme* (Dahme-Wasserstraße, 8.0 km)				-	-	-	-		
P 71-06-02	Königs Wusterhausen (Dahme-Wasserstraße, 8.0 km)	x			-	-	-	x		
P 80-01	Le Havre (Le Havre-Tancarville Canal, 20.0 km)	x			x	x	x	x		
P 80-02	Rouen (Seine, 242.0 km)		x		x	x	x	x		
P 80-03	Conflans (Seine, 239.0 km)	x			...	...	...	...		
P 80-04	Frouard (Moselle, 346.5 km)	x			x	x	x	x		
P 80-05	Metz (Moselle, 297.0 - 294.0 km)	x			x	x	-	x		
P 80-06	Mondelange-Richemont (Moselle, 279.5 - 277.9 km)	x			...	...	...	...		
P 80-07	Thionville-Illange (Moselle, 271.9 - 270.1 km)	x			x	x	-	-		
P 80-08	Mertert (Moselle, 208.0 km)	x			-	-	-	x		
P 80-09	Trier (Moselle, 184.0 km)	x			-	-	-	x		
P 80-10	Bingen (Rhine, 527.0 km)				-	-	-	x		
P 80-11	Wiesbaden (Rhine, 500.0 km)	x			-	-	-	x		
P 80-12	Mainz (Rhine, 500.0 km)		x		x	x	x	x		
P 80-13	Flörsheim* (Main, 9.0 km)	x			-	-	-	-		
P 80-14	Raunheim* (Main, 14.0 km)	x			-	-	-	-		
P 80-15	Hattersheim* (Main, 17.0 km)	x			-	-	-	-		
P 80-16	Kelsterbach* (Main, 19.0 km)	x			-	-	-	-		
P 80-17	Frankfurt* (Main, 22.0 - 29.0 km)	x			x	x	-	x		
P 80-18	Frankfurt (Main, 31.0 - 37.0 km)		x		x	x	-	x		
P 80-19	Offenbach (Main, 40.0 km)				-	-	-	x		
P 80-20	Hanau (Main, 56.0 - 60.0 km)	x			-	-	-	x		
P 80-21	Grosskotzenburg* (Main, 62.0 km)	x			-	-	-	-		

E PORTS	1	CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **		
		2	3	4	5	6	7	8	9
P 80-22	Stockstadt (Main, 82.0 km)	x			x	-	-	x	
P 80-23	Aschaffenburg (Main, 83.0 km)	x			x	-	-	x	
P 80-24	Triefenstein* (Main, 173.0 km)	x			-	-	-	-	
P 80-25	Karlstadt* (Main, 227.0 km)	x			-	-	-	-	
P 80-26	Würzburg (Main, 246.0-251.0 km)				x	-	x	x	
P 80-27	Schweinfurt (Main, 330.0 km)				-	-	-	x	
P 80-28	Bamberg (Main-Donau-Kanal, 3.0 km)				-	-	-	x	
P 80-29	Erlangen (Main-Donau-Kanal, 46.0 km)	x			-	-	-	x	
P 80-30	Nürnberg (Main-Donau-Kanal, 72.0 km)				-	-	x	x	
P 80-31	Regensburg (Danube, 2370.0 - 2378.0 km)	x			x	x	-	x	
P 80-32	Deggendorf* (Danube, 2281.0 - 2284.0 km)	x			x	x	-	-	
P 80-33	Linz (Danube, 2128.2 - 2130.6 km)	x			x	x	x	x	All cargoes
P 80-34	Linz-Vöest* (Danube, 2127.2 km)		x		x	x	-	x	Metallurgical products
P 80-35	Enns-Ennsdorf (Danube, 2111.8 km)	x			x	x	x	x	General and bulk cargoes, liquid gas
P 80-36	Krems (Danube, 998.0 km)	x			x	-	-	x	All cargoes but oil and oil products
P 80-37	Wien (Danube, 1916.8 - 1920.2 km)	x			x	x	x	x	All cargoes
P 80-38	Bratislava (Danube, 1867.0 km)		x		x	x	x	x	
P 80-39	Györ-Gönyü (Danube, 1807.0 km)	x			...	...	...	...	Mainly bulk cargoes and oil products
P 80-40	Komárno (Danube, 1767.1 km)		x		x	x	-	x	
P 80-41	Štúrovo (Danube, 1722.0 km)	x			-	-	-	-	
P 80-42	Budapest (Danube, 1640.0 km)		x		x	...	x	x	
P 80-43	Szàzhalombatta (Danube, 1618.7 km)	x			...	...	...	...	Oil products
P 80-44	Dunajvaros (Danube, 1579.0 km)	x			-	-	-	x	Mainly bulk cargo
P 80-45	Dunaföldvàr (Danube, 1563.0 km)	x			...	...	...	...	Oil products
P 80-46	Baja (Danube, 1480.0 km)	x			x			x	
P 80-46bis	Apatin (Danube, 1401.5 km)	x							

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 80-47	Vukovar (Danube, 1333.1 km)	x			x	x	-	x			
P 80-47bis	Backa Palanka (Danube, 1295.0 km)	x			x			x			
P 80-47ter	Novi Sad (Danube, 1253.5 km)	x			x			x			
P 80-48	Beograd (Danube, 1170.0 km)	x			x	x		x			
P 80-48bis	Pančevo (Danube, 1152.8 km)	x			x			x			
P 80-49	Smederevo (Danube, 1116.3 km)	x			...	...	...	x			
P 80-50	Orsova (Danube, 954.0 km)	x			-	-	-	x			
P 80-51	Turnu Severin (Danube, 931.0 km)	x			-	-	x	x			
P 80-52	Prahovo (Danube, 861.0 km)	x			...	...	...	x			
P 80-52bis	Vidin (Danube, 790.0 km)	x					x	x			
P 80-53	Lom (Danube, 743.0 km)	...	...	...	...	...	...	...			
P 80-53bis	Oriahovo (Danube, 678.0 km)	x					x	x			
P 80-54	Turnu Magurele (Danube, 597.0 km)	x			-	-	-	x			
P 80-55	Svistov (Danube, 554.0 km)	...	...	...	...	...	...	...			
P 80-56	Roussé (Danube, 495.0 km)	...	...	...	...	...	...	...			
P 80-57	Giurgiu (Danube, 493.0 km)	x			-	-	x	x			
P 80-58	Oltenita (Danube, 430.0 km)	x			-	-	x	x			
P 80-58bis	Silistra (Danube, 375.5 km)	x					x	x			
P 80-59	Calarasi (Danube, 370.5 km)	x			-	-	x	x			
P 80-59bis	Cernavoda (Danube, 298.0 km)	x			-	-	x	x			
P 80-60	Braila (Danube, 168.5 - 172.0 km)		x		-	-	x	x			
P 80-61	Galati (Danube, 76.0 - 160.0 km)			x	-	-	x	x			
P 80-62	Giurgulesti (Danube, 133.0 km)	...	...	...	...	...	...	...	Under construction		
P 80-63	Reni (Danube, 128.0 km)			x	x	x	x	x	General and bulk cargo, oil products		
P 80-64	Tulcea (Danube, 34.0 - 42.0 km)	x			-	-	-	x			

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 80-04-01	Autonomous port of Paris:			x	x	x	x		Agricultural products, fuels, construction materials		
	Gennevilliers (Seine, 194.7 km)			x	x	x	x	-			
	Bonneuil-Vigneux (Seine, 169.7 km)	x			x	x	-	-			
	Evry (Seine, 137.8 km)	x			x	x	-	-			
	Melun (Seine, 110.0 km)	x			...	...	...	...			
	Limay-Porcheville (Seine, 109.0 km)	x			x	x	-	x			
	Montereau (Seine, 67.4 km)	x			x	x	x	x	2013 project: containers		
	Nanterre (Seine, 39.4 km)	x			...	...	...	...			
	Bruyères-sur-Oise (Oise, 96.9 km)	x			x	x	x	x	Containers: under construction		
	St. Ouen-l'Aumône (Oise, 119.2 km)	x			...	...	...	...			
	Lagny (Marne, 149.8 km)	x			x	x	-	-	Containers: in planning stage		
P 80-06-01	Dillingen (Saar, 59.0 km)		x		x	x	x	x			
P 80-08-01	Osijek (Drava, 14.0 km)		x		x	x	-	x			
P 80-01-01	Szeged (Tisza, 170.0 km)	x			...	...	...	x			
P 80-01-02	Senta (Tisza, 122.0 km)	x			x			x			
P 80-14-01	Medgidia (Danube-Black Sea Canal, 37.5 km)		x		-	-	-	x			
P 80-14-02	Constanta (Danube-Black Sea Canal, 0.0 km)			x	x	x	x	x			
P 80-09-01	Ismail (Danube-Kilia Arm, 93.0 km)		x		x	x	-	x	General and bulk cargo		
P 80-09-02	Kilia (Danube-Kilia Arm, 47.0 km)	x			x	-	-	-	General cargo		
P 80-09-03	Oust-Dunajsk (Danube-Kilia Arm, 0 km)		x	x	x	-	-	-	General and bulk cargo		
P 81-01	Komárno (Váh, 0.0 km)		x		x	x	-	x			
P 81-02	Šaľa (Váh, 54.4 - 54.8 km)	x						x			
P 81-03	Sered' (Váh, 73.8 - 74.3 km)	x			x	x	x	x			
P 81-04	Hlohovec (Váh, 124.4 - 124.7 km)	x					x	x			
P 81-05	Piešťany (Váh, 124.4 - 124.7 km)	x									
P 81-06	Nové mesto nad Váhom (Váh, 137.4 - 137.7 km)	x						x			

E PORTS		CARGO HANDLING CAPACITY			CARGO HANDLING EQUIPMENT AVAILABLE FOR			RAIL ACCESS **	OTHER CHARACTERISTICS AND COMMENTS		
		0.5-3.0 million tonnes	3.0-10.0 million tonnes	> 10.0 million tonnes	CONTAINERS **		RO-RO **				
					20'	40'					
1	2	3	4	5	6	7	8	9			
P 81-07	Trenčín (Váh, 158.5 - 159.0 km)	x						x			
P 81-08	Dubnica (Váh, 168.1 - 168.5 km)	x			x	x	x	x			
P 81-09	Púchov (Váh, 192.9 - 193.4 km)	x					x	x			
P 81-10	Považská Bystrica (Váh, 210.8 - 211.2 km)	x						x			
P 81-11	Žilina (Váh, 242.0 - 243.0 km)	x			x	x	x	x			
P 81-12	Čadca (Váh-Oder Link, ... km) <sup>4</sup>	x					x	x			
P 90-01	Taganrog (Taganrog Bay)	...	...	...	...	...	...	...			
P 90-02	Eysk (Taganrog Bay)	...	...	...	...	...	...	...			
P 90-03	Azov (Don, 3168.0 km) <sup>3</sup>	x			x	-	-	x	General cargoes, timber, construction materials, ore, dross		
P 90-04	Rostov (Don, 3134.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal, dross		
P 90-05	Oust-Donetsk (Don, 2997.0 km) <sup>3</sup>		x		x	-	-	x	General cargoes, timber, construction materials, coal, ore		
P 90-03-01	Belgorod Dnestrovskiy (mouth of the Dnestr River)	...	...	...	...	...	...	...			
P 90-03-02	Bender (Nistru, 228.0 km)	x			-	-	-	x	Dry bulk and general cargoes		
P 91-01	Milano Terminale (Milano-Po Canal, 0.0 km)	...	...	...	...	...	...	...	Construction foreseen		
P 91-02	Lodi (Milano-Po Canal, 20.0 km from Milano Terminale)	...	...	...	...	...	...	...	Construction foreseen		
P 91-03	Pizzighetone (Milano-Po Canal, 40.0 km from Milano Terminale)	x			...	...	...	...	Starting up		
P 91-04	Cremona (Milano-Po Canal, 55.0 km from Milano Terminale)		x		x	x	x	x			
P 91-04bis	Cremona-Casalmaggiore (Po)	x			...	...	...	...			
P 91-04ter	Mantova Viadana (Po)	x			...	...	...	...	Focused on chemical fluids through pipeline		
P 91-05	Boretto R. Emilia Centrale (Po, 120.0 km from Milano Terminale)	x			...	...	...	...			
P 91-05bis	Mantova S. Benedetto (Po)	x			...	...	...	...			
P 91-05ter	Mantova Revere (Po)	x			x						
P 91-06	Ferrara (Po, 200.0 km from Milano Terminale)	...	...	...	...	...	...	...			
P 91-07	Adria (Mantova-Adriatico Canal, 265.0 km from Milano Terminale)	x			...	...	...	...			



Notes to Table 3

- <sup>1</sup> After the construction of a new link Gent-Zeebrugge (E 07).
  - <sup>2</sup> The distance to Lithuanian ports is measured from the Klaipeda sea port.
  - <sup>3</sup> Distance from Moskva Southern Port.
  - <sup>4</sup> New port to be built.
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