

| Country | Production planned |       | IENC produced                      |        | minimum content | updates                        | published   | available for free | used version of standard |
|---------|--------------------|-------|------------------------------------|--------|-----------------|--------------------------------|---|--------------------|--------------------------|
|         | River              | km    | River                              | km     |                 |                                |   |                    |                          |
| Austria |                    |       | Danube                             | 329,00 | yes             | yes                            | <a href="http://www.doris.bmvit.gv.at/en/maps-charts/inland-encs/downloads/inland-encs-inland-ecdis-standard-23/">http://www.doris.bmvit.gv.at/en/maps-charts/inland-encs/downloads/inland-encs-inland-ecdis-standard-23/</a> | yes                | 2.3                      |
|         |                    |       | Donaukanal                         | 17,00  |                 |                                |   |                    |                          |
| Belgium | Flanders           |       | Albertkanaal                       | 116,77 | yes             | yes (once a year if necessary) | <a href="http://ris.vlaanderen.be/IENC/">http://ris.vlaanderen.be/IENC/</a>   | yes                | 2.3                      |
|         |                    |       | Kanaal Bocholt-Herentals           | 57,52  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Briegden-Neerharen          | 4,87   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Dessel-Kwaadmeche           | 15,88  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal naar Beverlo                | 14,84  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Schelde-Rijnverbinding             | 5,27   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Zuid-Willemsvaart noord            | 4,77   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Zuid-Willemsvaart zuid             | 39,1   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Aftakking Oude Arm Klein-W         | 1,19   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal naar Charleroi              | 13,78  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Zeekanaal Brussel-Schelde          | 29,13  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Moervaart + Boven-Durme            | 29,86  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Dender                             | 48,27  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Boven-Schelde                      | 55,69  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Bossuit-Kortrijk            | 15,55  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Grensleie                          | 8,1    |                 |                                |   |                    | 2.3                      |
|         |                    |       | Leie                               | 67,62  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Roeselare-Leie              | 16,67  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Spierekanaal                       | 1,44   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Vertakking van Zulte               | 2,5    |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Gent-Oostende (vak          | 21,11  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Gent-Oostende (vak          | 45,06  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Afleidingskanaal van de Leie       | 27,56  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Gent-Terneuzen              | 7,36   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal van Eeklo                   | 1,64   |                 |                                |   |                    | 2.3                      |
|         |                    |       | Ringvaart om Gent                  | 21,84  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Dessel-Turnhout-Schoten     | 63,20  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Kanaal Leuven-Dijle                | 30,27  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Rupel                              | 11,98  |                 |                                |   |                    | 2.3                      |
|         |                    |       | Keerdok Mechelen en Dijledoortocht | 2,30   |                 |                                |   |                    | 2.3                      |
|         | Beneden-Durme      | 23,50 | 2.3                                |        |                 |                                |   |                    |                          |
|         | Ijzer              | 43,92 | 2.3                                |        |                 |                                |   |                    |                          |
|         | Kanaal Ieper-Ijzer | 15,20 | 2.3                                |        |                 |                                |   |                    |                          |
|         | Lokanaal           | 14,53 | 2.3                                |        |                 |                                |   |                    |                          |

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|                               | River              | km     | River   | km                  |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Kanaal Plassendale-Duinkerke                                      | 40,08               | yes             | Yes (once a year if necessary) |  |                    | 2.3                      |     |                           |
|                               |                    |        | Verbindingskanaal te Nieuwpoort                                   | 0,77                |                 |                                |  |                    | 2.3                      |     |                           |
|                               |                    |        | Kanaal Gent-Terneuzen   | 15,00               |                 |                                |  |                    | 2.3                      |     |                           |
|                               |                    |        | Antwerpen Noord – Westerschelde                                   | 23,50               |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Antwerpen Zuid  | 14,40               |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | BE-NL grens tot Zeebrugge (Estuarian navigation)                  | 150 km <sup>2</sup> |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Haven Zeebrugge   | 15 km <sup>2</sup>  |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Zeebrugge-Oostende (Estuarian navigation)                         | 171 km <sup>2</sup> |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Haven Oostende  | 6.5km <sup>2</sup>  |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Kanaal van Plassendale  | 6,50                |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Boudewijnkanaal   | 67km <sup>2</sup>   |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Oostende - Middelkerke (Estuarian navigation)                     | 176km <sup>2</sup>  |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Franse grens-Oostende (Estuarian navigation)                      | 272 km <sup>2</sup> |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | Haven van Antwerpen   | 130 km <sup>2</sup> |                 |                                |  |                    |                          | yes | 2.3                       |
|                               |                    |        | Wallonia  |                     |                 |                                |  |                    |                          |     | Albertkanaal/Canal Albert |
| Maas/La Meuse                 | 127,20             | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Samber/Sambre                 | 55,50              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Nimy-Blaton-Péronnes          | 38,90              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Brussel/Bruxelles - Charleroi | 45,30              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Leie/La Lys                   | 7,70               | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Haute Escaut                  | 31,00              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Canal du Centre               | 24,30              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Other waterways               | 16,50              | yes    |   |                     | 2.3             |                                |  |                    |                          |     |                           |
| Bulgaria                      |                    |        | Danube  | 235,00              | yes             | 2018                           | <a href="http://appd-bg.org/navigation#data_enc">http://appd-bg.org/navigation#data_enc</a>  | yes                | 2.3                      |     |                           |
| Croatia                       | Danube             | 139,00 | Danube  | 139,00              | yes             | no                             | <a href="http://vodniputovi.hr/en/ris/enc-charts/">http://vodniputovi.hr/en/ris/enc-charts/</a><br><a href="https://www.vodniputovi.hr/ris/enc-karte/">https://www.vodniputovi.hr/ris/enc-karte/</a> | yes                | 2.3                      |     |                           |
|                               | Sava               | 384,00 | Sava  | 382,00              |                 |                                |  |                    | 2.3                      |     |                           |
|                               | Drava              | 23,00  | Drava   | 23,00               |                 |                                |  |                    | 2.3                      |     |                           |
| Czech Republic                |                    |        | Elbe  | 223                 | yes             | yes                            | <a href="http://mapy.spspraha.cz/lpm/maps_S57.asp?lang=en">http://mapy.spspraha.cz/lpm/maps_S57.asp?lang=en</a>  | yes                | 2.0 (2.3 is in progress) |     |                           |
|                               |                    |        | Vltava  | 91,6                |                 |                                |  |                    |                          |     |                           |
|                               |                    |        | GARONNE - <i>du pont de Pierre à Bordeaux à Castets-en-Dorthe</i> | 60,00               |                 |                                |  |                    | 2.1                      |     |                           |
|                               |                    |        | GRANDE SAONE - <i>de Saint-Symphorien à Lyon</i>                  | 263,00              |                 |                                |  |                    | 2.3                      |     |                           |
|                               |                    |        | LIAISON DUNKERQUE ESCAUT  | 240,00              |                 |                                |  |                    | 2.3                      |     |                           |
|                               |                    |        | OISE  | 97,00               |                 |                                |  |                    | 2.3                      |     |                           |

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|         | River              | km               | River   | km     |                 |         |   |                    |                          |
| France  |                    |                  | CANAL DU RHONE AU RHIN, BRANCHE SUD           | 16,00  | yes             | yes     | <a href="http://www.vnf.fr/ecdis/">http://www.vnf.fr/ecdis/</a>                               | yes                | 2.3                      |
|         |                    |                  | RHIN  | 142,00 |                 |         |   |                    | 2.3                      |
|         |                    |                  | SEINE AVAL                                    | 83,00  |                 |         |   |                    | 2.3                      |
|         |                    |                  | RHONE DANS LYON                               | 7,00   |                 |         |   |                    | 2.3                      |
|         |                    |                  | MOSELLE CANALISEE - de Neuves-Maisons à Apach | 150,00 |                 |         |   |                    | 2.1                      |
| Germany |                    |                  | Ruhr  | 12,9   | yes             | yes     | <a href="https://www.elwis.de/DE/dynamisch/IENC/">https://www.elwis.de/DE/dynamisch/IENC/</a> | yes                | 2.3                      |
|         |                    |                  | Rhein-Herne-Kanal                             | 45,5   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Wesel-Datteln-Kanal                           | 60     |                 |         |   |                    | 2.3                      |
|         |                    |                  | Datteln-Hamm-Kanal                            | 47,2   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Dortmund-Ems-Kanal                            | 224,4  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Küstenkanal                                   | 69,6   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Elbe-Seitenkanal                              | 115,2  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Mittellandkanal                               | 318,4  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Stichkanal nach Osnabrück                     | 13     |                 |         |   |                    | 2.3                      |
|         |                    |                  | Stichkanal nach H.-Linden                     | 10,8   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Stichkanal nach Hildesheim                    | 14,4   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Stichkanal nach Salzgitter                    | 18     |                 |         |   |                    | 2.3                      |
|         |                    |                  | Weser   | 156,7  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Elbe  | 619,2  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Elbe-Havel-Kanal                              | 54,9   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Untere Havel-Wasserstraße                     | 79,6   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Havel-Oder-Wasserstraße                       | 145,6  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Berlin-Spandauer Schifffahrt                  | 10,72  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Teltowkanal                                   | 37     |                 |         |   |                    | 2.3                      |
|         |                    |                  | Spree-Oder Wasserstraße                       | 18,9   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Oder  | 162,5  |                 |         |   |                    | 2.3                      |
|         |                    |                  | Elbe-Lübeck-Kanal                             | 61,6   |                 |         |   |                    | 2.3                      |
|         |                    |                  | Rhein   | 555,4  |                 |         |   |                    | 2.3                      |
|         |                    | Neckar           | 202,9   | 2.3    |                 |         |   |                    |                          |
|         |                    | Mosel            | 242   | 2.3    |                 |         |   |                    |                          |
|         |                    | Saar             | 104   | 2.3    |                 |         |   |                    |                          |
|         |                    | Lahn             | 7,3   | 2.3    |                 |         |   |                    |                          |
|         |                    | Main             | 387,6   | 2.3    |                 |         |   |                    |                          |
|         |                    | Main-Donau-Kanal | 171   | 2.3    |                 |         |   |                    |                          |

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|           | River              | km | River   | km     |                 |                   |  |                    |                          |
|           |                    |    | Donau   | 213    |                 |                   |  |                    | 2.3                      |
|           |                    |    | Havelkanal  | 30     |                 |                   |  |                    | 2.3                      |
|           |                    |    | Potsdamer Havel   | 25,8   |                 |                   |  |                    | 2.3                      |
| Hungary   |                    |    | Danube  | 379,00 |                 | 2018              | <a href="https://www.pannonris.hu/terkepek/terkep-letoltes/terkepek">https://www.pannonris.hu/terkepek/terkep-letoltes/terkepek</a><br><a href="https://www.pannonris.hu/articles/file/IENC_2018_12_05.zip">https://www.pannonris.hu/articles/file/IENC_2018_12_05.zip</a> | yes                | 2.3                      |
| Luxemburg |                    |    | Mosel   | 242,00 |                 |                   | <a href="https://www.elwis.de/DE/dynamisch/IENC/">https://www.elwis.de/DE/dynamisch/IENC/</a>  | yes                | 2.3                      |
|           |                    |    | Eemskanaal; (Fwld: 00001 ) ; CEMT : Va  | 26,6   |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Oude Eemskanaal; (Fwld: 0001A ) ; CEMT : Va   | 2,5    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Zeehavenkanaal en havens van Delfzijl; (Fwld: 00002 ) ; CEMT : Va                                       | 5,7    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Eemshaven; (Fwld: 0002B ) ; CEMT : Va   | 3,1    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Van Starckenborghkanaal; (Fwld: 00003 ) ; CEMT : Va   | 27,4   |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Vaarwegen in de stad Groningen, Reitdiep en Lauwersmeer; (Fwld: 00006 ) ; CEMT : IV:Va                  | 3,0    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Prinses Margrietkanaal; (Fwld: 00021 ) ; CEMT : Va  | 66,0   |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Haven van Harlingen; (Fwld: 00023 ) ; CEMT : Va   | 3,2    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Havens te Lemmer, Zijlroede en Stroomkanaal; (Fwld: 00046 ) ; CEMT : Va                                 | 4,1    |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Kanaal Zutphen- Enschede van de Twenthekanalen; (Fwld: 00081 ) ; CEMT : IV:Va                           | 49,8   |                 | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Geldersche IJssel, Keteldiep en Ketelmeer; (Fwld: 00084 ) ; CEMT : Va                                   | 128,7  | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Oude Rivierarm bij De Steeg; (Fwld: 0084A ) ; CEMT : Va   | 1,8    | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Voorhaven Prins Bernhardsluis en havens te Deventer; (Fwld: 0084B ) ; CEMT : Va                         | 2,3    | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Zwolle-IJsselkanaal, Zwarte Water, Zwolsche Diep, Ramsdiep en Schokkerhaven; (Fwld: 00086 ) ; CEMT : Va | 48,2   | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Stadsgrachten en havens te Zwolle; (Fwld: 00087 ) ; CEMT : Va   | 1,7    | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Meppelderdiep; (Fwld: 00088 ) ; CEMT : IV:Va  | 11,0   | 65%             | depends on region |  |                    | 2.3.6                    |
|           |                    |    | Zwanendiep en Vollenhoverkanaal; (Fwld: 00093 ) ; CEMT : IV:Va  | 7,3    | 65%             | depends on region |  |                    | 2.3.6                    |

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|         |  |     | Haven van Urk; (Fwld: 00096 ) ; CEMT : Va  | 4,7   |                 |         | depends on region |                    | 2.3.6                    |
|         | Australiehaven; (Fwld: 01005 ) ; CEMT : VIa  | 1,6 |  | 0,0   |                 |         | depends on region |                    | 2.3.6                    |
|         | Aziehaven; (Fwld: 01006 ) ; CEMT : VIa       | 1,2 |  | 0,0   |                 |         | depends on region |                    | 2.3.6                    |
|         | Binnenspuikanaal; (Fwld: 01007 ) ; CEMT : Va | 1,0 |  | 0,0   |                 |         | depends on region |                    | 2.3.6                    |
|         |  |     | Boven-Rijn, Waal, Boven-Merwede, Beneden-Merwede en Noord; (Fwld: 00101 ) ; CEMT : VIc | 125,5 | 65%             |         | depends on region |                    | 2.3.6                    |
|         | Isaac Baarhaven; (Fwld: 01014 ) ; CEMT : Va  | 1,2 |  | 0,0   |                 |         | depends on region |                    | 2.3.6                    |
|         |  |     | Kanaal van Sint Andries; (Fwld: 0101A ) ; CEMT : Va                                    | 2,1   | 65%             |         | depends on region |                    | 2.3.6                    |
|         |  |     | Rietbaan; (Fwld: 0101C ) ; CEMT : Va   | 2,6   | 65%             |         | depends on region |                    | 2.3.6                    |
|         |  |     | Nieuwe Maas, Nieuwe Waterweg en Maasmond; (Fwld: 00102 ) ; CEMT : Va;VIb               | 40,0  | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Koningshaven; (Fwld: 0102C ) ; CEMT : VIc  | 1,9   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Waalhaven; (Fwld: 0102F ) ; CEMT : VIc   | 2,8   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Merwehaven; (Fwld: 0102G ) ; CEMT : Va   | 1,3   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Eemhaven en aanliggende Havens; (Fwld: 0102H ) ; CEMT : Va                             | 2,1   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | 2e Petroleumhaven; (Fwld: 0102I ) ; CEMT : VIb   | 2,2   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | 1e Petroleumhaven; (Fwld: 0102J ) ; CEMT : VIb   | 1,9   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Botlek en aanliggende havens; (Fwld: 0102K ) ; CEMT : VIb                              | 3,8   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | 3e Petroleumhaven; (Fwld: 102K1 ) ; CEMT : VIb   | 2,1   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Haven van Maassluis; (Fwld: 0102L ) ; CEMT : IV;Va                                     | 1,5   | 80%             |         | unknown yet       |                    | 2.3.6                    |
|         |  |     | Pannerdensch Kanaal, Neder-Rijn en Lek; (Fwld: 00103 ) ; CEMT : Va;VIa                 | 120,4 | 65%             |         | depends on region |                    | 2.3.6                    |
|         |  |     | Haven van Malburgen; (Fwld: 0103A ) ; CEMT : Va  | 1,8   | ?               |         | depends on region |                    | 2.3.6                    |
|         |  |     | Rijnhaven van Wageningen; (Fwld: 0103B ) ; CEMT : Va                                   | 1,2   | ?               |         | depends on region |                    | 2.3.6                    |
|         |  |     | Stuwkanaal Driel; (Fwld: 0103D ) ; CEMT : Va   | 2,9   | 65%             |         | depends on region |                    | 2.3.6                    |
|         |  |     | Stuwkanaal Amerongen; (Fwld: 0103E ) ; CEMT : Va                                       | 2,8   | 65%             |         | depends on region |                    | 2.3.6                    |
|         |  |     | Stuwkanaal Hagestein; (Fwld: 0103F ) ; CEMT : Va                                       | 2,3   | 65%             |         | depends on region |                    | 2.3.6                    |

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|         |                    |    | Rijnhaven te Rotterdam; (Fwld: 01042 ) ; CEMT : VIb                            | 1,1  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Maashaven te Rotterdam; (Fwld: 01044 ) ; CEMT : VIb                            | 2,2  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Wilhelminahaven te Schiedam; (Fwld: 01070 ) ; CEMT : VIb                       | 1,2  | 90%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Wiltonhaven; (Fwld: 01074 ) ; CEMT : Va  | 1,0  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Nieuwe Merwede en Hollandsch Diep; (Fwld: 00108 ) ; CEMT : VIc                 | 37,1 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Waalhaven Pier 1; (Fwld: 01089 ) ; CEMT : VIc                                  | 1,7  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Vaarweg Nieuwe Merwede-Amer door de Spieringsluis; (Fwld: 0108A ) ; CEMT : VIc | 1,5  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Zuid Hollandsch Diep; (Fwld: 0108B ) ; CEMT : VIc                              | 6,0  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Roode Vaart of Zevenbergsche Haven; (Fwld: 108B1 ) ; CEMT : Va                 | 1,3  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Noord Hollandsch Diep; (Fwld: 0108C ) ; CEMT : Va                              | 5,9  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Waalhaven Pier 1 / 2; (Fwld: 01091 ) ; CEMT : VIc                              | 1,3  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | 1e Eemhaven; (Fwld: 01097 ) ; CEMT : Va  | 1,5  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Wantij en Otterkanaal; (Fwld: 00110 ) ; CEMT : Va                              | 1,0  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | St. Laurens haven; (Fwld: 01101 ) ; CEMT : Va                                  | 1,4  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Chemiehaven; (Fwld: 01102 ) ; CEMT : Va  | 1,3  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Oude Maas; (Fwld: 00111 ) ; CEMT : VIc   | 30,8 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Prins Johan Friso haven; (Fwld: 01115 ) ; CEMT : Va                            | 1,6  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Prinses Beatrix haven te Rotterdam; (Fwld: 01116 ) ; CEMT : Va                 | 1,3  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Prins Willem Alexander haven te Rotterdam; (Fwld: 01118 ) ; CEMT : Va          | 1,1  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |                    |    | Zeehavens te Dordrecht; (Fwld: 0111B ) ; CEMT : VIc                            | 1,4  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Dordtsche Kil; (Fwld: 00112 ) ; CEMT : VIc                                     | 9,7  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Spui en Beningen; (Fwld: 00113 ) ; CEMT : Va                                   | 21,5 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Droogte voor de Hoorn; (Fwld: 0113A ) ; CEMT : Vla                             | 1,8  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Hartelkanaal; (Fwld: 00115 ) ; CEMT : VIc                                      | 20,4 | 80%             | unknown yet       |           |                    | 2.3.6                    |

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|---------|--|------|--|------|-----------------|-------------------|-----------|--------------------|--------------------------|
|         | River  | km   | River  | km   |                 |                   |           |                    |                          |
|         |  |      | Dintelhaven; (Fwld: 0115A) ; CEMT : Vlc  | 4,8  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Hartelsluis; (Fwld: 0115B) ; CEMT : Vlb  | 1,7  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Calandkanaal met aanliggende havens; (Fwld: 00116) ; CEMT : Vlc                                    | 12,7 | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Beerkanaal; (Fwld: 0116A) ; CEMT : Vlc   | 4,4  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Mississippihaven; (Fwld: 116A1) ; CEMT : Vlc   | 2,9  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Beneluxhaven; (Fwld: 0116B) ; CEMT : Vlc   | 2,0  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Vaarweg van het Hollandsch Diep via de Goereesluis naar de Noordzee; (Fwld: 00117) ; CEMT : Va;Vla | 33,5 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |      | Haringvliet bezuiden Tiengemeten; (Fwld: 0117A) ; CEMT : Vla                                       | 13,4 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |      | Korendijksche Geul; (Fwld: 0117B) ; CEMT : Vla   | 3,6  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |      | Aardappelengat; (Fwld: 0117D) ; CEMT : Vla   | 9,1  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |      | Haringvliet, zuidelijke doorvaart<br>Haringvlietbrug; (Fwld: 0117H) ; CEMT : Vla                   | 2,8  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |      | Maas-Waalkanaal; (Fwld: 00119) ; CEMT : Vb   | 13,4 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |      | Karel Reyniershaven; (Fwld: 01195) ; CEMT : Va   | 1,1  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |      | Heusdensch Kanaal en Afgedamde Maas; (Fwld: 00120) ; CEMT : Va                                     | 17,3 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |      | Geulhaven; (Fwld: 01201) ; CEMT : Va   | 1,0  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Insteekhaven 3e Petroleumhaven in de Botlek; (Fwld: 01202) ; CEMT : Vlb                            | 1,2  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |      | Hartelhaven; (Fwld: 01203) ; CEMT : Vlc  | 1,7  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         | Gekan. Dieze, Zuid-Willemsvaart, Verbindingskanaal in het Bossche Veld; (Fwld: 00121) ; CEMT : IV;Va | 23,7 |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Amertak en Wilhelminakanaal; (Fwld: 00124) ; CEMT : IV;Va  | 20,4 |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Donge en Noordergat; (Fwld: 0124A) ; CEMT : Va   | 5,6  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Mark en Dintel; (Fwld: 00126) ; CEMT : IV;Va   | 24,3 |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |      | Haven van Bergen op Zoom of Theodorushaven; (Fwld: 00128) ; CEMT : Va                              | 4,4  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |

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|-------------|--------------------|--|---|------|-----------------|--------------|---|--------------------|--------------------------|
|             | River              | km   | River   | km   |                 |              |   |                    |                          |
| Netherlands |                    |  | Schelde-Rijnverbinding; (Fwld: 00129 ) ; CEMT : Vlb   | 38,4 | 80%             | (1-2) weekly |   | yes                | 2.3.6                    |
|             |                    |  | Kanaal van Gent naar Terneuzen met de Zijkanalen en havens; (Fwld: 00130 ) ; CEMT : Va;Vlb            | 32,5 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Route via Middensluis/Westbuitenhaven naar de Westerschelde; (Fwld: 0130B ) ; CEMT : Va               | 2,6  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Toeleidingskanaal via de Oostsluis/Oostbuitenhaven naar de Westerschelde; (Fwld: 130B2 ) ; CEMT : Vlb | 2,1  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Grootdok en aanliggende havens; (Fwld: 0130C ) ; CEMT : Vlb   | 2,0  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Westerschelde; (Fwld: 00131 ) ; CEMT : Vlc  | 85,9 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Schaar van Waarde; (Fwld: 0131B ) ; CEMT : Va   | 3,1  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Middelgat; (Fwld: 0131C ) ; CEMT : Vlb  | 14,6 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Everingen; (Fwld: 0131D ) ; CEMT : Vlb  | 15,9 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Zuid Everingen; (Fwld: 0131E ) ; CEMT : Vlb   | 5,4  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Braakmanhaven; (Fwld: 0131F ) ; CEMT : Vlb  | 2,5  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Vaarwater langs Hoofdplaat; (Fwld: 0131G ) ; CEMT : Vlb   | 17,6 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Schaar van Spijkerplaat; (Fwld: 0131H ) ; CEMT : Vlb  | 11,6 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Havens Vlissingen-Oost (Sloehaven); (Fwld: 00132 ) ; CEMT : Va  | 5,0  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Van Cittershaven; (Fwld: 0132A ) ; CEMT : Va  | 2,8  | 80%             | (1-2) weekly | <a href="http://www.vaarweginformatie.nl/dd/main/infra/enc">http://www.vaarweginformatie.nl/dd/main/infra/enc</a> |                    | 2.3.6                    |
|             |                    |  | Scaldiahaven; (Fwld: 132A1 ) ; CEMT : Va  | 1,1  | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Kanaal door Walcheren; (Fwld: 00134 ) ; CEMT : Va   | 16,0 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    |  | Zandkreek en Veerse Meer; (Fwld: 00135 ) ; CEMT : IV;Va   | 27,3 | 80%             | (1-2) weekly |   |                    | 2.3.6                    |
|             |                    | Kanaal door Zuid-Beveland; (Fwld: 00137 ) ; CEMT : Vlb                             | 10,8  | 80%  | (1-2) weekly    |              |   | 2.3.6              |                          |
|             |                    | Oosterschelde; (Fwld: 00138 ) ; CEMT : Va;Vlb                                      | 44,1  | 80%  | (1-2) weekly    |              |   | 2.3.6              |                          |
|             |                    | Voortzetting Oosterschelde en Schaar van Colijnsplaat; (Fwld: 0138D ) ; CEMT : Vlb | 12,7  | 80%  | (1-2) weekly    |              |   | 2.3.6              |                          |
|             |                    | Overloop van Zierikzee; (Fwld: 0138E ) ; CEMT : Vlb                                | 2,3   | 80%  | (1-2) weekly    |              |   | 2.3.6              |                          |




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|---------|--------------------|----|---|-------|-----------------|-------------------|-----------|--------------------|--------------------------|
|         | River              | km | River   | km    |                 |                   |           |                    |                          |
|         |                    |    | Hammen; (Fwld: 0138G ) ; CEMT : Va  | 11,5  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Geul van de Roggenplaat; (Fwld: 0138H ) ; CEMT : Va   | 8,3   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Geul naar de Betonhaven; (Fwld: 0138I ) ; CEMT : Va   | 2,0   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Witte Tonnen Vlije en Brabantsche Vaarwater; (Fwld: 00139 ) ; CEMT : Vlb  | 9,8   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Brabantsche Vaarwater, noordwestelijke uitloop naar het Keeten; (Fwld: 0139A ) ; CEMT : Vlb                             | 4,1   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Zuid-Grevelingen, Grevelingen, Geul van Bommede, Rede Brouwershaven; (Fwld: 00141 ) ; CEMT : Va                         | 24,4  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Grevelingen; (Fwld: 0141D ) ; CEMT : Va   | 10,2  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Vaarweg van de Krammersluizen naar de Oosterschelde en de Roompot; (Fwld: 00142 ) ; CEMT : Vlb                          | 18,3  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Vaarweg van het Hollandsch Diep naar de Schelde-Rijnverbinding, Krammer en Grevelingenmeer; (Fwld: 00143 ) ; CEMT : Vlb | 23,9  | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Jachtensluis-Volkeraksluizen en Hellegat; (Fwld: 0143A ) ; CEMT : Va  | 7,5   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Zuid Vlije, Jachtensluis Krammersluizen en Krammer-Sport; (Fwld: 0143B ) ; CEMT : Vlb                                   | 2,1   | 80%             | (1-2) weekly      |           |                    | 2.3.6                    |
|         |                    |    | Maas, Julianakanaal, Bergsche Maas en Amer; (Fwld: 00150 ) ; CEMT : Va;Vlc  | 229,7 |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Toeleidingskanaal en sluizen van Ternaaien; (Fwld: 0150B ) ; CEMT : Va  | 2,1   |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Maas van Wessem naar Ohe en Laak; (Fwld: 0150C ) ; CEMT : Va  | 1,1   |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Verlengde Oude Maas; (Fwld: 150C1 ) ; CEMT : Va   | 3,3   |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Haven van Cuijk; (Fwld: 0150F ) ; CEMT : Va   | 1,6   |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Kraaijenbergse Plassen; (Fwld: 150F1 ) ; CEMT : Va;Va   | 4,2   |                 | depends on region |           |                    | 2.3.6                    |
|         |                    |    | Burgemeester Delenkanaal en havens van Oss; (Fwld: 0150G ) ; CEMT : Va  | 4,9   |                 | depends on region |           |                    | 2.3.6                    |

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|---------|---|-----|---|------|-----------------|-------------------|-----------|--------------------|--------------------------|
|         | River   | km  | River   | km   |                 |                   |           |                    |                          |
|         |   |     | Oude Maasje; (Fwld: 0150I ) ; CEMT : Va   | 3,8  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Haven van Waspij; (Fwld: 0150I1 ) ; CEMT : Va                                       | 3,8  | 95%             | ?                 |           |                    | 2.3.6                    |
|         |   |     | Stuwkanaal Belfeld; (Fwld: 0150N ) ; CEMT : Va                                      | 1,9  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Industriehaven te Venlo; (Fwld: 0150P ) ; CEMT : Va                                 | 1,4  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Haven van Wanssum; (Fwld: 0150Q ) ; CEMT : Va                                       | 1,2  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Stuwkanaal Sambeek; (Fwld: 0150R ) ; CEMT : Va                                      | 2,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Stuwkanaal Grave; (Fwld: 0150S ) ; CEMT : Va  | 1,4  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Stuwkanaal Lith; (Fwld: 0150T ) ; CEMT : Va   | 1,6  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Watersportgebied Leukerheide; (Fwld: 0150U ) ; CEMT : Va                            | 2,9  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Afgesneden Maas en havengebied te Roermond; (Fwld: 0152A ) ; CEMT : Va              | 9,3  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Maas, afgesneden rivierbocht bij Linne; (Fwld: 152A1 ) ; CEMT : Va                  | 4,9  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Prins Willem-Alexanderhaven te Roermond; (Fwld: 152A2 ) ; CEMT : Va                 | 1,5  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Stuwkanaal Roermond; (Fwld: 152A3 ) ; CEMT : Va                                     | 3,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Vaarweg Noordzeekanaal-Spaarne-Kagerplassen; (Fwld: 00202 ) ; CEMT : Va | 8,2 |   | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Hollandsche IJssel; (Fwld: 00211 ) ; CEMT : Va                                      | 19,4 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |   |     | Amsterdam-Rijnkanaal; (Fwld: 00225 ) ; CEMT : Vlb                                   | 73,3 | 80%             | depends on region |           |                    | 2.3.6                    |
|         |   |     | Uraniumkanaal met aanliggende havens; (Fwld: 0225B ) ; CEMT : Va                    | 1,9  | 80%             | depends on region |           |                    | 2.3.6                    |
|         |   |     | Lekkanaal; (Fwld: 0225E ) ; CEMT : Vb   | 4,2  | 80%             | depends on region |           |                    | 2.3.6                    |
|         |   |     | Merwedekanaal (benoorden de Lek); (Fwld: 00226 ) ; CEMT : Va                        | 12,1 | 65%             | depends on region |           |                    | 2.3.6                    |
|         |   |     | Vaarweg van Amsterdam via de Houtribsluizen naar Lemmer; (Fwld: 00230 ) ; CEMT : Vb | 73,0 |                 | depends on region |           |                    | 2.3.6                    |
|         |   |     | Oostvaardersdiep; (Fwld: 0230D ) ; CEMT : Va  | 4,5  |                 | depends on region |           |                    | 2.3.6                    |

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|---------|---|------|--|------|-----------------|-------------------|-----------|--------------------|--------------------------|
|         | River   | km   | River  | km   |                 |                   |           |                    |                          |
|         | Noordzeekanaal, Afgesloten-IJ en Buiten-IJ; (Fwld: 00233 ) ; CEMT : Vla;Vlb         | 30,7 |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Afrikahaven; (Fwld: 0233A ) ; CEMT : Vla  | 2,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | 1e Rijksbinnenhaven, Binnenkanaal en Staalhaven; (Fwld: 0233B ) ; CEMT : Va         | 2,0  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zijkanaal A en de haven van Beverwijk (De Pijp); (Fwld: 0233C ) ; CEMT : Va         | 2,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Westhaven met aanliggende havens; (Fwld: 0233D ) ; CEMT : Va                        | 3,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Jan van Riebeeckhaven met aanliggende havens; (Fwld: 0233E ) ; CEMT : Vb            | 1,7  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Mercuriushaven met aanliggende havens; (Fwld: 0233G ) ; CEMT : Va                   | 1,5  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zijkanaal I; (Fwld: 0233H ) ; CEMT : Va   | 3,0  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Amerikahaven met aanliggende havens; (Fwld: 0233M ) ; CEMT : Vlb                    | 3,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zijkanaal K of Zijkanaal naar Nieuwendam; (Fwld: 0233T ) ; CEMT : Va                | 1,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zuiderbuitenkanaal C.A.; (Fwld: 233Y1 ) ; CEMT : Va                                 | 4,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zuidersluis en Kleine Sluis met toeleidingskanalen; (Fwld: 233Y2 ) ; CEMT : Va      | 2,5  |  | 0,0  | 65%             | depends on region |           |                    | 2.3.6                    |
|         | Vissershaven te IJmuiden; (Fwld: 233Y4 ) ; CEMT : Va                                | 1,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Havens van Den Helder; (Fwld: 00235 ) ; CEMT : IV;Va                                | 7,6  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zaan, Tap- of Tochtsloot, Markervaart en Alkmaardermeer; (Fwld: 00236 ) ; CEMT : Va | 20,7 |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Zijkanaal D en Nauernasche Vaart; (Fwld: 00237 ) ; CEMT : Va                        | 1,1  |  | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |   |      | Vaarweg van Amsterdam via de Krabbersgatsluizen naar Lemmer; (Fwld: 00251 ) ; CEMT : Va;Vb | 53,5 |                 | depends on region |           |                    | 2.3.6                    |
|         |   |      | Vaarweg door het naviduct Krabbersgat; (Fwld: 0251E ) ; CEMT : Va                          | 3,1  |                 | depends on region |           |                    | 2.3.6                    |

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|---------|--|-----|---|------|-----------------|-------------------|-----------|--------------------|--------------------------|
|         | River  | km  | River   | km   |                 |                   |           |                    |                          |
|         |  |     | Vaarweg van Urk naar Kornwerderzand; (Fwld: 00301) ; CEMT : Va;Vb                                   | 56,2 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Vaarweg van Enkhuizen naar Den Oever; (Fwld: 00302) ; CEMT : Va;Vb                                  | 33,4 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Vaarweg van de Ketelbrug naar de Houtrib; (Fwld: 00303) ; CEMT : Va                                 | 8,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Vaarroute van de Ketelbrug naar de Val van Urk; (Fwld: 0303A) ; CEMT : Va                           | 7,7  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Schulpengat; (Fwld: 00401) ; CEMT : Va  | 33,6 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Gat van de Stier; (Fwld: 0401D) ; CEMT : Va   | 4,9  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Gat van de Stier; (Fwld: 401D1) ; CEMT : Va   | 2,1  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Molengat Zuid; (Fwld: 401E1) ; CEMT : Va  | 1,4  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Boontjes, Doove Balg, Texelstroom; (Fwld: 00402) ; CEMT : Va  | 47,0 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Veerhaven 't Horntje; (Fwld: 0402D) ; CEMT : Vb   | 4,7  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Vaargeul langs Pollendam, Blauwe Slenk, Vliestroom en Zuider Stortemelk; (Fwld: 00403) ; CEMT : Vlb | 33,7 |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Zoutkamperlaag en Westgat; (Fwld: 00405) ; CEMT : Vla   | 9,6  |                 | depends on region |           |                    | 2.3.6                    |
|         | IJ-Haven; (Fwld: 00622) ; CEMT : Vla                   | 1,6 |   | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Cornelis Douweskanaal-West; (Fwld: 00624) ; CEMT : Va  | 1,2 |   | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         | Petroleumhaven te Amsterdam; (Fwld: 00626) ; CEMT : Va | 1,0 |   | 0,0  |                 | depends on region |           |                    | 2.3.6                    |
|         |  |     | Overnachtingshaven IJzendoorn; (Fwld: 00658) ; CEMT : Vlb   | 1,4  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |     | Uitwijkhaven Haaften; (Fwld: 00664) ; CEMT : Vlc  | 1,1  | 65%             | depends on region |           |                    | 2.3.6                    |
|         |  |     | Seinehaven; (Fwld: 00692) ; CEMT : Vlc  | 1,4  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |     | Brittanniehaven; (Fwld: 00704) ; CEMT : Vlc   | 1,5  | 80%             | unknown yet       |           |                    | 2.3.6                    |
|         |  |     | Centrale Insteekhaven in het Industriegebied Moerdijk; (Fwld: 00750) ; CEMT : Vlc                   | 2,2  | 50%             | depends on region |           |                    | 2.3.6                    |
|         |  |     | Westelijke Insteekhaven in het Industriegebied Moerdijk; (Fwld: 00754) ; CEMT : Vlc                 | 2,1  | 50%             | depends on region |           |                    | 2.3.6                    |
|         |  |     | Julianahaven (Eemshaven); (Fwld: 00764) ; CEMT : Va   | 1,5  | 80%             | depends on region |           |                    | 2.3.6                    |
|         |  |     | Wilhelminahaven (Eemshaven); (Fwld: 00765) ; CEMT : Va  | 1,0  | 80%             | depends on region |           |                    | 2.3.6                    |

| Country  | Production planned     |                          | IENC produced  |                             | minimum content | updates   | published   | available for free | used version of standard               |     |
|--|------------------------|--------------------------|--|-----------------------------|-----------------|---|---|--------------------|--|-----|
|  | River                  | km                       | River  | km                          |                 |   |   |                    |  |     |
|  |                        |                          | Zevenaarhaven; (Fwld: 00875 ) ; CEMT : Vlb                           | 1,0                         | 65%             | depends on region   |   |                    | 2.3.6                                  |     |
|  |                        |                          | Bijleveldhaven; (Fwld: 00882 ) ; CEMT : Va                           | 1,2                         | 65%             | depends on region   |   |                    | 2.3.6                                  |     |
|  |                        |                          | Buitenhaven te Vlissingen; (Fwld: 00887 ) ; CEMT : Va                | 1,0                         | 80%             | depends on region   |   |                    | 2.3.6                                  |     |
|  |                        |                          | Rijksvluchthaven Paesplas; (Fwld: 00907 ) ; CEMT : Vb                | 1,1                         | 80%             | depends on region   |   |                    | 2.3.6                                  |     |
|  |                        |                          | Prins Maurits haven; (Fwld: 00910 ) ; CEMT : Va                      | 1,4                         | 80%             | depends on region   |   |                    | 2.3.6                                  |     |
|  |                        |                          | Entrepothaven; (Fwld: 00954 ) ; CEMT : Va                            | 1,3                         | 80%             | unknown yet   |   |                    | 2.3.6                                  |     |
| Poland   |                        |                          | Waterway on Lake Dabie   | 9,50                        | yes             | yes   | <a href="http://szczecin.uzs.gov.pl/itc3l_pobierz_mapy.htm">http://szczecin.uzs.gov.pl/itc3l_pobierz_mapy.htm</a>   | yes                | 2.3                                    |     |
|  |                        |                          | Rivers Odra (eng. Oder), Odra Wschodnia (eng. Ost Oder) and Regalica | 44,60                       |                 |   |   |                    |  |     |
|  |                        |                          | River Odra Zachodnia (eng. West Oder)                                | 36,60                       |                 |   |   |                    |  |     |
|  |                        |                          | Canal Przekop Klucz-Ustowo   | 2,70                        |                 |   |   |                    |  |     |
|  |                        |                          | River Parnica and canal Przekop Parnicki                             | 6,90                        |                 |   |   |                    |  |     |
| <br>Romania | Borcea branch          | 107,00                   | Borcea branch  | 107,00                      | yes             |   | <a href="http://afdi.ro/en/content/inland-enc">http://afdi.ro/en/content/inland-enc</a>   | yes                | 2.3                                    |     |
|  | Macin branch           | 100,00                   | Macin branch   | 100,00                      | yes             | planned (2019)  |   |                    | 2.1                                    |     |
|  | Sfantu Gheorghe branch | 109,00                   | Sfantu Gheorghe branch   | 109,00                      | yes             | planned (2019)  |   |                    | 2.1                                    |     |
|  | Chilia branch          | 116,00                   | Chilia branch  | -                           | -               | -   |   |                    | -                                      |     |
|  | Danube                 | 1075,00                  | 1075,00  | Sulina Channel (NMO - NM47) | 1075,00         | yes   |   |                    |  | 2.3 |
|  |                        |                          |  | NM47 - rKm175               |                 |   |   |                    |  | 2.3 |
|  |                        |                          |  | rKm175 - rKm297             |                 |   |   |                    |  | 2.3 |
|  |                        |                          |  | rKm297 - rKm375             |                 |   |   |                    |  | 2.3 |
|  |                        |                          |  | rKm610 - rKm845             |                 |   |   |                    |  | 2.3 |
| rKm845 - rKm1075   | 2.3                    |                          |  |                             |                 |   |   |                    |  |     |
| Danube-Black Sea channel   | 96,00                  | Danube-Black Sea channel | 96,00  | yes                         |                 | <a href="http://acn.ro/index.php/en/locks-ports-bridges-charts/241-electronic-maps">http://acn.ro/index.php/en/locks-ports-bridges-charts/241-electronic-maps</a> |   | 2.3                |  |     |
| Serbia   |                        |                          | Danube River   | 588,00                      | yes             | minimum once a year update  | <a href="http://www.plovput.rs/electronic-navigational-charts">http://www.plovput.rs/electronic-navigational-charts</a>   | yes                | 2.3                                    |     |
|  |                        |                          | Sava River   | 210,80                      | yes             | minimum once a year update  |   | yes                | 2.3                                    |     |
|  |                        |                          | Tisza River  | 164,00                      | yes             | minimum once a year update  |   | yes                | 2.3                                    |     |
| Slovakia   |                        |                          | Danube   | 172,00                      | yes             | planned   | <a href="https://www.svp.sk/sk/uvodna-stranka/odstepne-zavody/oz-bratislava/riecne-informacne-sluzby/">https://www.svp.sk/sk/uvodna-stranka/odstepne-zavody/oz-bratislava/riecne-informacne-sluzby/</a> | yes                | 2.3                                    |     |
| Switzerland  |                        |                          | Rhine  | 20,90                       |                 |   | <a href="https://port-of-switzerland.ch/hafenservice/schiffahrtsservice/inland-enc-hochrhein/">https://port-of-switzerland.ch/hafenservice/schiffahrtsservice/inland-enc-hochrhein/</a>                 | yes                | 2.3                                    |     |
| Ukraine  |                        |                          | Danube   | 171,00                      | yes             | minimum once a year update  | <a href="http://www.charts.gov.ua">http://www.charts.gov.ua</a>   | under discussion   | 2.0, (2.3-2.4 planned in nearest time) |     |
|  |                        |                          | Dnipro   | 983,00                      | yes             |   |   |                    |  |     |
| Total  |                        | 2327,31                  |  | 14870,26                    |                 |   |   |                    |  |     |

| Country | Production planned |                         | IENC produced             |      | minimum content | updates | published   | available for free | used version of standard |
|---------|--------------------|-------------------------|---------------------------|------|-----------------|---------|---|--------------------|--------------------------|
|         | River              | km                      | River                     | km   |                 |         |   |                    |                          |
| USA     |                    |                         | Allegheny River           | 72   |                 | yes     | <a href="http://www.agc.army.mil/Missions/Echarts.aspx">http://www.agc.army.mil/Missions/Echarts.aspx</a> | yes                | 2.2                      |
|         |                    |                         | Arkansas River            | 716  |                 |         |   |                    |                          |
|         |                    |                         | Atchafalaya River         | 190  |                 |         |   |                    |                          |
|         |                    |                         | Black Warrior River       | 378  |                 |         |   |                    |                          |
|         |                    |                         | Cumberland River          | 613  |                 |         |   |                    |                          |
|         |                    |                         | Green River               | 174  |                 |         |   |                    |                          |
|         |                    |                         | Illinois Waterway         | 542  |                 |         |   |                    |                          |
|         |                    |                         | Kanawha River             | 146  |                 |         |   |                    |                          |
|         |                    |                         | Kaskaskia River           | 58   |                 |         |   |                    |                          |
|         |                    |                         | Lower Mississippi River   | 1151 |                 |         |   |                    |                          |
|         |                    |                         | Missouri River            | 1180 |                 |         |   |                    |                          |
|         |                    |                         | Mobile / Tombigbee Rivers | 349  |                 |         |   |                    |                          |
|         |                    |                         | Monongahela River         | 208  |                 |         |   |                    |                          |
|         |                    |                         | Ohio River                | 1579 |                 |         |   |                    |                          |
|         |                    |                         | Ouachita River            | 565  |                 |         |   |                    |                          |
|         |                    |                         | Red River                 | 381  |                 |         |   |                    |                          |
|         |                    |                         | Tennessee River           | 1231 |                 |         |   |                    |                          |
|         |                    | Tenn-Tom Waterway       | 362                       |      |                 |         |   |                    |                          |
|         |                    | Upper Mississippi River | 1394                      |      |                 |         |   |                    |                          |
|         |                    | White River             | 394                       |      |                 |         |   |                    |                          |

Total

11683

| Country | Production planned    |      | IENC produced |    | minimum content | updates | published                                | available for free | used version of standard |
|---------|-----------------------|------|---------------|----|-----------------|---------|--|--------------------|--------------------------|
|         | River                 | km   | River         | km |                 |         |  |                    |                          |
| Brazil  | <b>Amazon rivers:</b> |      |               |    |                 |         |  |                    |                          |
|         | Negro                 | 950  |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | Solimoes              | 1600 |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | Madeira               | 1050 |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | Tapajós               | 345  |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | Xingu                 | 300  |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | Tocantins             | 270  |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | <b>Tiete river</b>    | 595  |               |    | yes             | n.a.    | planned                                  |                    | 2.3                      |
|         | <b>Paraguay</b>       | 1278 |               |    | yes             | n.a.    | some IENC in testing phase, rest planned |                    | 2.3                      |

Total

6388

| Country | Production planned |    | IENC produced     |      | minimum content | updates | published   | available for free | used version of standard |
|---------|--------------------|----|-------------------|------|-----------------|---------|---|--------------------|--------------------------|
|         | River              | km | River             | km   |                 |         |   |                    |                          |
| PRC     |                    |    | <b>Changjiang</b> | 2688 | yes             | yes     | <a href="http://www.cjienc.com/EngineCms/gis/search.html">http://www.cjienc.com/EngineCms/gis/search.html</a> | no                 | CJ-57                    |

Total

2688



| Country            | Production planned |    | IENC produced |       | minimum content | updates | published | available for free | used version of |
|--------------------|--------------------|----|---------------|-------|-----------------|---------|-----------|--------------------|-----------------|
|                    | River              | km | River         | km    |                 |         |           |                    |                 |
| Russian Federation |                    |    |               | 26000 |                 |         |           | no                 |                 |

Total

26000

| Region             | km planned | km produced |
|--------------------|------------|-------------|
| Europe             | 2327,31    | 14870,26    |
| N. America         |            | 11683,00    |
| S. America         | 6388,00    |             |
| Asia               |            | 2688,00     |
| Russian Federation |            | 26000,00    |
|                    |            |             |
| Total              | 8715,31    | 55241,26    |