ABSTRACT SUBMISSION –– SOUMISSION DE RESUME

**Topic No.: / Sujet n° :3 or / ou**

**proposed topic / sujet proposé:**

**Electronic Reporting Formalities along Inland Waterways in Western Europe – Technical Solutions for the International Data Management from France, Germany, Luxembourg, the Netherlands and Switzerland**

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ABSTRACT / RESUME:

Since 1995 the Federal Waterways and Shipping Administration is operating a reporting and information system for inland navigation (MIB) along the river Rhine and Moselle for calamity abatement support. For eight years skippers and barge operators are obliged to use stowage and reporting applications in order to submit their voyage and cargo information (e. g. container on board of a vessel respective (non-)dangerous goods) to the authorities.

These reporting formalities along Inland Waterways in Western Europe are prescribed in international police regulations by the Central Commission for the Navigation of the Rhine (CCNR) and Moselle Commission. The legal basis for the technical requirements are the EU Directive 2005/44/EG on harmonized river information services (RIS) on inland waterways, the Commission Regulation (EC) No 414/2007 concerning the technical guidelines for the planning, implementing and operational use of RIS and the technical specifications for Electronic Reporting in inland navigation ([(EU) No 164/2010)](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:057:0001:0154:EN:PDF) and for vessel tracing systems ([(EC) No 415/2007).](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:105:0035:0087:EN:PDF)

This report presents the successor of MIB (NaMIB) which will be implemented in ten vessel traffic centers situated in Germany, Luxemburg, Switzerland and along the river Rhine and Moselle in France and will become operational at the end of 2018. All relevant RIS data will be stored centralized in two traffic technology buildings in Northern German and will be applicable for others important services like lock management, statistic or traffic management. Furthermore the architecture of the database supports an international data exchange with the Netherlands, all standardized inland reporting applications and an interface with an AIS service that provides position data of vessels in Germany, Luxemburg, Switzerland and France.

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