

Preliminary version

SUPPLEMENT

TO

THE FINAL REPORT ON THE CAPSIZING ON 28
SEPTEMBER 1994 IN THE BALTIC SEA OF THE
RO-RO PASSENGER VESSEL MV ESTONIA

Part I

The Joint Accident Investigation Commission
of
Estonia, Finland and Sweden

Preface

The Joint Accident Investigation Commission publishes in this Supplement the most important documents used in Commission's work. Large appendices of some research reports have been edited, but a list of appendices has been included.

This publication is a preliminary version. The final version will be published soon in one volume. Some documents will be added which due to editorial reasons had to be left out from this preliminary version.

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1 ADMINISTRATION

- 102 FIN Suomen Valtioneuvoston päätös Suomen edustajien nimeämisestä MV ESTONIA:n onnettomuuden kansainväliseen tutkintakomisioon. Helsinki 29.9.1994.

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- 202 ENG Extracts from specification for building. Jos L. Meyer. Papenburg-Ems.
- 203 ENG Extracts from operation instructions for stern ramp, bow visor and bow ramp. Von Tell Ab. Gothenburg.
- 204 GER Handgeschriebene Festigkeitsberechnungen für die Bugvisier-Vesschlüsse der VIKING SALLY - ESTONIA.

		<i>Hand-written strength calculations for the VIKING SALLY-ESTONIA's bow visor locks.</i>
205	ENG	Extracts from Bureau Veritas Rules and Regulations for the construction and classification of Steel Vessels 1977. Paris.
206	ENG	Bureau Veritas Note Documentaire BM2. Paris 5.4.1976.
207	GER	Extrakt von Germanischer Lloyd Vorschriften für Klassifikation und Bau von stählernen Seeschiffen. Ausgabe 1978. Band 1. Hamburg.
		<i>Extracts from Germanischer Lloyd Regulations for the classification and building of Steel Vessels. Version 1978. Part 1. Hamburg</i>
208	ENG	Extracts from Lloyd's Register of Shipping Rules and Regulations for the Construction and Classification of Steel Ships 1976. London.
209	SWE	Correspondence between Von Tell and the Finnish Maritime Administration about approval of the visor design in general.
210	ENG	Von Tell telex to Bureau Veritas 18.3.1980 about visor attachment design loads and stresses.
211	ENG	Extracts from notes made by the Bureau Veritas surveyor on the visor assembly drawing 590/1103 rex 6.
212	SWE	M/S ESTONIA & M/S MARE BALTICUM - Utredning beträffande placering av kollisionsskott/förlig ramp. Nordström & Thulin. Stockholm 1994.
		<i>M/S ESTONIA & M/S MARE BALTICUM - Investigation on placing of collision bulkhead/bow ramp. Nordström & Thulin. Stockholm 1994.</i>
213	FIN	Letter 20.4.1977 from the Finnish Maritime Administration to the Wärtsilä Turku Shipyard on the approval of the bow ramp as an upper extension of the collision bulkhead in MV TURELLA.
214	SWE	Correspondence between the Swedish Maritime Administration and

the Götaverken Öresund Shipyard 8.1.1979 on the application of the SOLAS regulations for an upper extension of the collision bulkhead in two passenger ferries for the Gotland traffic.

- 215 SWE Correspondence between the Swedish Maritime Administration and the Stena Line 20.3 - 26.3.1981 concerning MV KRON-PRINSESSAN VICTORIA.

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- 216 ENG *Lehtola Kari*: VIKING SALLY - ESTONIA. SOLAS Passenger Ship Certificates and Inspection Certificates. Working paper 31.3.1996
- 217 ENG Selection of MV ESTONIA's certificates valid at the time of the accident.
- 218 ENG MV ESTONIA's classification certificates of 12.1.1993 for machinery and hull.
- 220 ENG Extracts from the Trim and Stability booklet of MV WASA KING. Ship Consulting Ltd Oy, Turku 20.1.1991

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- 221 FIN Section 45 of the Commercial Vessel Decree no. 23/1920.
SWE 12.12.1920.
- 222 SWE Decision of the Finnish Maritime Administration 1921 to approve certain classification societies for carrying out hull surveys.
- 223 ENG Protocol of MV ESTONIA's exercise Port State Control in Tallinn 27.9.1994.
- 224 ENG List of surveys carried out by Bureau Veritas on VIKING SALLY - ESTONIA.

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- 225 ENG VIKING SALLY - SILJA STAR - WASA KING. Dockings and recorded damages to the bow 1981 - 1993. Memorandum 16.8.1995/FIN.

- 226 ENG Extracts from M/S ESTONIA Safety Manual.
- 228 ENG Safety round on board MV ESTONIA of the AB seaman on watch.
- 229 ENG Arrival times of MV ESTONIA and some other passenger ferries at the entrance of Stockholm Archipelago and in Stockholm 3.2.1993 - 26.9.1994. Extract from the log book at the Stockholm Pilot Station.
- 230 ENG List of maintenance and repair works on MV ESTONIA. April 1993 - August 1994. Nordström & Thulin AB. Stockholm.
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- 402 ENG *Komulainen Marja-Leena*: The Baltic Sea Storm on 28.9.1994. An investigation into the weather situation which developed in the northern Baltic at the time of the accident to m/s Estonia. Helsinki 1994.
- 403 ENG The m/s ESTONIA accident. Weather conditions on September 27 th and 28th 1994. Swedish Meteorological and Hydrological Institute. Norrköping 1995.

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