Appendix Revisions

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**IALA Recommendation**

**ENAV-[###] - Appendix 9**

**Generic Functionality Description of the Logical Shore Station**

**[Working Towards] Edition 1**

**[2015]**

**Initial Version**

Revisions to this Appendix are to be noted in the table prior to the issue of a revised document.

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| **Date** | **Page / Section Revised** | **Requirement for Revision** |
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IALA Recommendation ENAV-[####]

Appendix 9 – Generic Functional Description of a Logical Shore Station

Table of Contents

Es wurden keine Einträge für das Inhaltsverzeichnis gefunden.

Index of Tables

**Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.**

Index of Figures

**Es konnten keine Einträge für ein Abbildungsverzeichnis gefunden werden.**

Appendix 9 -

Generic Functional Description of a Logical Shore Station

# Introduction

The software process of a LSS can run on any appropriate computer at any appropriate place. The options for selecting an appropriate configuration for setting up the instances of the LSS, and its consequences, are discussed in the Distribution Model of the AIS Service (see **Annex 3**).

An individual software process of an LSS running in an individual computer is called instance of a LSS. Hence, *an instance of a LSS* is a software process, which *transforms the AIS data flow(s) associated with one or more Remote Shore Station(s) into a different AIS-related data flow associated with one (1) requesting service* within the shore-based e-Nav system. The run-time configuration of any instance of LSS is managed by the AIS Service Management.

For each requesting service, the AIS Service sets up at least one instance of an LSS. An instance of LSS of the AIS Service communicates with one instance of a logical interface of the requesting service in an 1:1 relationship.

It is required that there are *reliable* *functional connections* between any instance of LSS and all associated AIS Shore Stations.

This functionality description would allow for an eventual *type approval* applied to the PSS, the LSS, and the ASM software module, as far as the AIS-specific functionality is concerned.

--- develop the structure of the Appendix.

--- for a brief content description compare appropriate section in Main part of the Recommendation