

# 1 Introduction

This document provides a high level description the roles and responsibilities of a Regional ENC Coordinating Center (RENC). A RENC is defined by the International Hydrographic Organization's (IHO) in the Worldwide Electronic Navigational Chart Data Base (WEND) Principles as:

RENCs are organizational entities where IHO members have established co-operation amongst each other to guarantee a world-wide consistent level of high quality data, and for bringing about coordinated services with official ENC's and updates to them.

And is further defined in S-32 IHO Hydrographic Dictionary, Volume 1, Appendix 1 – Glossary of ECDIS Related Terms as:

An organizational entity where IHO Member States have established cooperation amongst each other to guarantee a world-wide consistent level of high quality data, and for bring about coordinated services with official ENC's and updates to them.

## 2 Roles and Responsibilities

At a minimum level a RENC should provide the following services:

### 2.1 Validation of ENC data

The RENC should provide an independent validation service of ENC data. This service should include adherence to IHO S-58 – Recommended ENC Validation Checks.

### 2.2 Checking of National and International Overlaps

The RENC should have the capability to check for ENC overlaps

### 2.3 ENC Distribution

The RENC should have the ability to distribute ENC data to Value Added Resellers

### 2.4 ECDIS Checks

The RENC should have the capability to check if the ENC loads and displays properly in a type approved ECDIS system.

### 2.5 Timelines

These services should be provided in a timely manner so the mariner receives the latest information as soon as possible.