ANM21 Input paper

Agenda item 12

Task Number X

Author(s) Netherlands Ministry of Infrastructure and the Environment,  
 Directorate-General for Mobility and Transport, Directorate Maritime Affairs  
 Directorate-General Rijkswaterstaat

MARIN – The Netherlands

Proposal for the Work Programme 2014-2018

of the ANM Committee

# Summary

This document contains a proposal for a new task in the Working Programme 2014-2018 for the ANM Committee. Motivation and considerations are reflected in chapter 3. Chapter 4 describes the scope of the proposed task, including its approach and foreseen time schedule. The results of the task are outlined in Chapter 5.

## Purpose of the document

Proposal to the ANM Committee for a new task in the Work Programme 2014-2018.

## Related documents

* Report of the IALA Risk Management Seminar (Sydney, 5-9 November 2012)
* IALA Guideline 1018 On Risk Management, Edition 3, December 2012

# proposal

To insert *“Development of an enhanced harmonized IWRAP suite for marine risk calculation and studies”* as a new task for the Committee’s Work Programme 2014-20184.

# CONSIDERATIONS

As a result of increasing traffic flows and diversity of shipping, scale enlargement and the increasing demands for alternative use (windmill farms, fish farms, offshore operations etc.) the manoeuvrable space is decreasing, specifically in coastal and dense traffic and confined areas. Safety and efficiency of shipping are expected to become more and more under pressure. In this respect the choices for the maritime domain, especially how to achieve an effective and efficient marine spatial planning of the available manoeuvrable space, can only be made by using state of the art risk models.

At the 2012 Risk Management Seminar in Sydney/Australia the participants expressed the desire to come to a constructive cooperation between the risk models IWRAP (developed under the flag of IALA) and SAMSON (formally owned by the Netherlands administration, developed in cooperation with IALA-member MARIN).

It was recognized that both IWRAP and SAMSON have their specific strengths and weaknesses. By combining the knowledge, experience, data and techniques incorporated in both instruments, a better – more versatile, better founded – tool can be provided.

Through the combination of all current state of the art techniques for marine risk calculation in one harmonized (IWRAP) suite, the results of marine risk studies (including the effects of proposed or taken measures) can be more easily evaluated, validated and compared.

# Scope of the proposed task

Besides IWRAP and SAMSON also other relevant and comparable tools may exist, and the possibilities for cooperation should be explored in those cases. Based on this identification process a new harmonized IWRAP suite should be developed responding to the needs and requirements of the relevant users. Taking into account the large variety of aspects to consider, a project wise approach to execute the proposed task may be necessary. The task should be completed at the end of the new Working Programme 2014-2018.

# Results of the proposed task

* Project plan for the execution of the proposed task (including role/relationship IWRAP Steering Group)..
* Identification and detailed description of all relevant risk models
* Development of a harmonized *IWRAP suite for marine risk calculation and studies,* of which the useshould in future be beyond question for anyone.

# 6 Action requested of the Committee

The Committee is requested to:

1. Discuss and approve the proposal for this new task for the Committee
2. To insert the task in the Work Programme 2014-1018
3. To inform other Committees and PAP where appropriate and request approval from the IALA Council.