Criteria and process for determining stakeholders within the VTM framework

The following process, developed by WG4 of the VTS Committee, is designed to determine and categorize VTM stakeholders and assess their role in the VTM framework. From this process, functional requirements for measures, services, information exchange, etc. can be derived for submission to the VTS, ANM and eNAV Committees and to give guidance to other bodies in the implementation of VTM. The intention is to ensure focus on user needs and to foster collaboration among stakeholders in order to meet the aims of VTM.

The process consists of a series of consecutive steps. At each step a set of criteria is applied.

Step 1 – Determination of stakeholders within the VTM framework

A stakeholder is considered to be part of the VTM framework if the stakeholder satisfies all the criteria listed below:

1. In the maritime domain (preliminary list provided in VTS28/WG4/WP01)
2. In interaction with vessel traffic (directly or indirectly)
3. Contribute to one or more of the aims of VTM (safety, security, efficiency, environmental protection)

Clarification:

Re 1. All stakeholders that find themselves in the maritime domain have a duty to respect and/or contribute to the aims of VTM.

Re 2. Stakeholders, who interact with the Vessel Traffic, should recognise that they have a duty to contribute to the aims of VTM.

Re 3. Stakeholders who contribute to the aims of VTM should benefit from their participation.

Note: Parties who contribute to the aims of VTM, but do not fulfil the first two criteria may be part of the VTM framework.

Step 2a – Categorization of stakeholders within the VTM framework

Once a stakeholder has been identified as part of the VTM framework, the stakeholder can be further categorized. This categorization will provide more information about the stakeholders to help define their role in the VTM framework and their possible relationship with other stakeholders. The criteria to be used for categorization are:

1. The aim(s) of VTM the stakeholder contributes to
2. The activity(ies) (measures and/or services) the stakeholder contributes to
3. The domain(s) (strategic, tactical, operational) in which the stakeholder operates
4. The extent the stakeholder interacts with traffic

Step 2b – Determine extent of stakeholders' contributions

The categorized VTM stakeholders will be evaluated based on the extent of contribution to the VTM aims they provide, to be specified in activities associated with the general VTM aims:

Safety	Security	Efficiency	Protection of the Environment

Note 1: Steps 2a and 2b are to be used to identify the role of stakeholders in the VTM framework.

Note 2: It is important to capture the extent of the stakeholders' contributions to the aims of VTM. This information, in combination with functional requirements developed in Step 5 will identify potential gaps in meeting these requirements.

In order to identify relationships between stakeholders, the results of the first steps (1, 2a, 2b) should be combined with additional steps (still under development) in this process:

Step 3 – Identification of measures and services

Identify the measures and services stakeholders (may) provide. Check the identified measures and services against the criteria developed for measures and services within the VTM framework.

Step 4 – Development of functional requirements

Develop functional requirements (e.g., measures, services, information exchange, system interfaces, etc.)

Note: The identified functional requirements will be submitted to those involved with the development and implementation of capabilities in support of VTM

Step 5 – Determination of relationships between VTM stakeholders

Determine relationships among stakeholders within the VTM framework by combining the results of Steps 3 and 4.

Action requested:

WG4 of the VTS Committee invites the VTS, eNAV and ANM Committees to take notice of this document and provide comments as appropriate.