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Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP **X** Input

**□** ENAV **X** VTS **□** Information

Agenda item [[2]](#footnote-3) 9.1

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Author(s) / Submitter(s) Fintraffic VTS

Proposal to update Service Specification and Service Design for VTS Traffic Clearance

# Summary

Fintraffic VTS has been doing pilot implementation of VTS Traffic Clearance service based on IALA Service Specification and Service Design for SECOM based service.

This input paper describes the problems that were identified in current VTS Traffic Clearance documents during the service implementation work.

## Purpose of the document

Fintraffic VTS would like to inform the Committee about findings from VTS Traffic Clearance documentation. These issues would require some clarification in order to ensure that the documentation is unambiguous for all implementors, and the services are implemented in harmonised way.

## Related documents

Service Specification for VTS Traffic Clearance, version 1.4

Service Design for VTS Traffic Clearance, version 1.1

# Background

Fintraffic VTS has been implementing digital service for VTS Traffic Clearance according to the latest versions of VTS Traffic Clearance service documentation based on output from VTS56.

Based on the implementation and technical testing Fintraffic VTS sees that the documents are in general fit for purpose and can be used as technical guidance to implement digital VTS Traffic Clearance Service in harmonized way. Some caveats in the current document versions were identified, which would still require clarification. These findings are listed in paragraph 3.

# Discussion

Following the implementation and testing of the VTS Traffic Clearance Service according to the published technical service specification and service design documents the following need for changes have been identified:

Change Proposals to Service Specification

* The service specification for VTS Traffic Clearance Service must describe the use of the statuses in more detail and how the transitions between statuses work. There is currently too much ambiguity to ensure that all parties implement the service and ship side consumer in the same way.
* The service specification should define all times to require a timezone and prefer that all times in message transfer are in UTC

Change Proposals to Service Design

* The service design should specify behavior when multiple subscriptions come from the same vessel in more detail.
* The service design should specify service behavior in various edge cases (e.g. how to handle multiple traffic clearance requests from vessel) and possible error cases (e.g. missing data, incorrect references etc) in more detail.

# Action requested of the Committee

**The Committee** is requested to:

* Review the identified change proposals and consider the need to update Service Specification and Service Design for VTS Traffic Clearance

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-2)
2. Leave open if uncertain [↑](#footnote-ref-3)