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|  | **80/WG17/2420** TC80/WG6 **04-30-2024** |

##### INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TECHNICAL COMMITTEE 80: Maritime navigation  
and radiocommunication equipment and systems / WG17 CMDS WG**

**Subject: Revision of the Route Plan (S-421, IEC 63173-1) and its exchange**

IEC TC80/WG17 thanks IALA VTS Committee on their liaison letter on the revision of the Route Plan (S-421, IEC 63173-1).

WG17 considered the proposal in the April 2024 meeting with an IALA VTS Committee representatives and drafted related specifications.

The modifications on IEC 63173-1are drafted as following:

## Revision of Application schema

1. The application schema in Figure 1 was updated so that only RouteInfo could be sent as an acknowledgement.



Figure 1 – Route plan application schema

1. We also updated the required informationn for each service scenario so as to exchange only,routeInfo as an acknowledgement. So, RouteWaypointLeg object in Table A.1(for Route Cross-check), A.7 (for Ice Navigation), A.9 (for UKCM), A.15 (for Route Optimization) and A.19 (for reference route) is changed as an optional.

## Exchange of Route Plan

In the meeting, we also discussed the guidelines for the exchange of route plan with VTS. We agree that IEC TC80/WG17 provides the guidelines only for the shipborne user perspective. The guidelines for VTS (shore-side) perspective may be provided by IALA VTS committee.

In the meeting, WG17 noted that following issues may be contributed by the ITS VTS Committee:

1. VTS service scenario with the Route Plan for the shipborne user perspective needs to be drafted.
2. Route plan application schema and test data.

IEC TC80/WG17 kindly requests IALA VTS Committee to consider the above and revert proposals back to the next IEC TC80/WG17 in October 2024.

- End of liaison statement -