

DRAFT WORKSHOP PROPOSAL

VISION	R-Mode (Ranging mode)
PROPOSAL	Workshop on the technical concepts of R-Mode implementation and the way forward to an operating system.
PURPOSE	<ul style="list-style-type: none"> • Consolidation of the user requirements on R-Mode system • Review proposals for implementation aspects of R-Mode on VHF (VDES/AIS) • Review proposals for implementation aspects of R-Mode on MF • Discuss results from simulations and field trials • Bring together all interested parties from the different IALA Committees and sister organisations.
POSSIBLE TOPICS	<ul style="list-style-type: none"> • User requirements on R-Mode system • Implementation aspects of R-Mode on MF, AIS and VDES • Theoretical analysis of the performance of possible R-Mode implementations • Results of R-Mode test bed implementations • Plan the next steps and way forward
OUTCOMES	<ul style="list-style-type: none"> • Agreed user requirements for R-Mode • Consolidated technical specification of R-Mode system and service • Technical Requirements for R-Mode implementation on MF, AIS and VDES • Updated R-Mode roadmap • Prepare update for the IALA website on test-beds.
GOALS	<ul style="list-style-type: none"> • Understanding of the current status of R-Mode research and development • Define set of user system and service requirements on a backup system • Select most promising approach for the implementation of R-Mode on VHF (AIS/VDES) • Select most promising approach for the implementation of R-Mode on MF • Develop a roadmap for the standardisation of R-Mode
WHO	<p>The workshop will provide a forum for discussion between experts from different IALA committees and sister organisations. It is envisaged that invitations will be sent to:</p> <ul style="list-style-type: none"> • IALA National Members • IALA Industrial Members • IALA Associate Members • CIRM • Other stakeholders as identified by the steering group.
SIZE OF GROUP	It is expected that the Workshop will attract a group of up to 30 persons
WHERE	Proposed location: Paris (To be confirmed)
DURATION	4 days, to be reviewed following development of the technical programme
WHEN	Early July or Early September 2019 (Date TBC, noting the need for output to be considered during ENAV24)
COST TO PARTICIPANTS	No cost if the venue is IALA HQ
PROCESS	<p>Four Day Workshop</p> <p>Day 1 – Introduction, Key note speech, Presentations (half day)</p> <p>Day 2 – Presentations (half day) & Working groups (half day)</p> <p>Day 3 – Working groups</p> <p>Day 4 – Draft report (half day) & Finalize report and conclusions (half day)</p>

STEERING COMMITTEE	<p>Proposed Steering Committee for the Workshop:</p> <ul style="list-style-type: none">Chairman: Chair ENG WG31 Representative from each of the 4 IALA CommitteesIALA Deputy Secretary GeneralIALA Technical Operations ManagerHost Nation RepresentativeIALA Technical Secretary
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