

Market Engagement:
Contract for Regulating the operation of autonomous MASS >24m length –
Work Packages

WP1 – Survey of UK Merchant Shipping legislation to identify regulatory issues

WP1.1 Survey of selected primary and secondary legislation

WP will involve a survey of the sections and schedules to the Merchant Shipping Act 1995 to identify barriers to the operation of MASS >24m as well as regulatory gaps. WP will also involve a survey of an agreed cross-section of statutory instruments prescribed under MSA 1995 (Appendix TBC).

Survey will firstly identify which section / regulations apply to which MASS > 24m on account of its specific length and tonnage. Secondly, regulations which may present compliance issues will be identified for consideration by MCA.

WP1.2 Follow up Q&A

WP will allow for MCA questions stemming from WP and for brief **TBC** comment on any MCA reform proposals. This will be limited to # days / hours.

WP1D Deliverable(s)

Survey to be presented in tabular form which will illustrate provisions requiring review by MCA in respect of different lengths and tonnages of MASS, with brief comments. Survey to be accompanied by a short report summarising key survey findings.

WP2 – Physical and Cyber Security for MASS

WP2.1 Focused regulatory review

WP will review select UK and international instruments which regulate physical and cyber security in the marine space, including ships, port and control centres. Where appropriate, consideration will be given to cyber-security regulation in other sectors where gaps are identified in maritime cyber regulation. Review will consider compliance issues faced by MASS as well as any gaps in security regulation.

WP2.2 Follow-up / Q&A

WP will allow for MCA questions stemming from WP and for brief **TBC** comment on any MCA reform proposals. This will be limited to # days / hours.

WP2D Deliverable(s)

Review findings to be presented in the form of a written report.

WP3 – MASS rendering assistance to persons in distress

WP3.1 Focused regulatory review

WP will review the numerous provisions in domestic and international law which contain a duty to render assistance to persons in distress at sea, usually incumbent on the ship's master, to assess their requirements. These include, e.g.: Art 98 UNCLOS; Regulation V/33 SOLAS; Art 10 Salvage Convention 1989; s.92 MSA 1995. Review will then consider the extent to which MASS operators may comply and the implications, if any, for MASS design and operation.

WP3.2 Follow-up / Q&A

WP will allow for MCA questions stemming from WP and for brief **TBC** comment on any MCA reform proposals. This will be limited to # days / hours.

WP3D Deliverable(s)

Review findings to be presented in the form of a written report.

WP4 – Jurisdictional matters surrounding MASS and MASS data

WP4.1 Review of law enforcement mechanisms for MASS operations

WP to consider a number of jurisdictional questions regarding law enforcement against MASS and their operators. This includes practical issues about regulating MASS in UK waters when being controlled from outside the UK jurisdiction. WP also extends to the data "on board" the MASS. WP to consider what if any data may be requested by UK authorities from a MASS operator and on what basis. Where appropriate, reference may be had to law enforcement approach in other sectors.

WP4.2 Follow-up / Q&A

WP will allow for MCA questions stemming from WP. This will be limited to # days / hours.

WP4D Deliverable(s)

Review findings to be presented in the form of a written report.