

Preliminary Market Consultation

Questionnaire on satellite based Radio Frequency data and services provision for Maritime Security and Surveillance

Guiding Requirements

Please note that this questionnaire is an informational enquiry only, with the view of planning a **future procurement procedure**. It does not commit EMSA to procure, award a contract or establish a short list on the basis of the results of the consultation. Responding to this questionnaire is entirely voluntary and will in no way affect the evaluation of any proposal submitted in response to a future procurement.

The following table summarizes the guiding principles for this questionnaire, to which the comparing operating RF satellite-based constellations are invited to describe:

Section #	Guiding Principle	Description
1	RF satellite-based constellations: current capabilities and maturity	Describe the current capabilities of the offered satellite-based RF, including the maturity level of the existing service offer demonstrated from operational context and/or validation campaigns.
2	RF satellite-based constellations: roadmap and future capabilities	Describe future planned capabilities and, if possible, include the roadmap for their deployment.
3	Conditions and limitations	The detection of RF-emitters may be limited by conditions of operation but also on the RF-emitters parameterization/configuration (e.g., maritime radar configuration) or interferences. It is requested to describe the existing/potential limitations that the detection of RF-emitters may suffer.
4	Applicability of permits and export licenses	Restrictions (if any) on data distribution to EMSA and its users; export licenses (e.g. ITAR) ; geographical restrictions on acquisition over certain areas of Interest.
5	Tasking timeliness	Tasking time: Time from User request (EMSA) to Satellite sensing the Area of Interest
6	Delivery timeliness	Delivery time: Time from data acquisition to delivery to user
7	Data downlink approach	Downlink capabilities (e.g Direct downlink) and approach (e.g., commercial priorities set for downlink) and network of ground stations.
8	Data dissemination	Standards/formats of the data, mechanisms (e.g webservices) and to provide sample data.

Section #	Guiding Principle	Description
9	Pricing and financial aspects	Commercially valid price list (in EUR) including additional applicable fees, if available.
10	Possible Operational Scenario: Maritime Safety	Showcase based on the current RF-emitters detection capability and a potential indication of the cost.
11	Possible Operational Scenario: Support Law Enforcement	Showcase based on the current RF-emitters detection capability and a potential indication of the cost.
12	Possible Operational Scenario: Support Maritime Security	Showcase based on the current RF-emitters detection capability and a potential indication of the cost.