QUESTION ITU‑R 235/5[[1]](#footnote-1)1, [[2]](#footnote-2)2, [[3]](#footnote-3)3

Protection criteria for aeronautical and maritime systems

(2004)

The ITU Radiocommunication Assembly,

considering

*a)* that the radio spectrum is a limited resource;

*b)* that with a continued increase in demand for spectrum there is a requirement to identify possible sharing opportunities and carry out the relevant sharing studies;

*c)* that in order to carry out sharing studies protection criteria for existing and future planned systems need to be known, but for a number of aeronautical and maritime systems there are no relevant Recommendations that give protection criteria;

*d)* that aeronautical and maritime systems often provide safety of life functions,

noting

that an absence of protection criteria may significantly delay sharing studies,

decides that the following Question should be studied

1 What are the technical and operational characteristics and the required protection criteria for those aeronautical mobile and radiodetermination systems for which no Recommendations have already been established?

2 What are the technical and operational characteristics and the required protection criteria for those maritime mobile and radiodetermination systems for which no Recommendations have already been established?

further decides

1 that the results of the above studies should be included in Recommendations and/or Reports;

2 that the above studies should be completed by 2027.

Category: S2

1. 1 This Question should be brought to the attention of the International Civil Aviation Organization (ICAO), International Maritime Organization (IMO), and the International Electrotechnical Commission (IEC). [↑](#footnote-ref-1)
2. 2 Former Question ITU-R 235/8. [↑](#footnote-ref-2)
3. 3 In the year 2023, Radiocommunication Study Group 5 extended the completion date of studies for this Question. [↑](#footnote-ref-3)