



Radiocommunication Bureau (BR)

Circular Letter
4/LCCE/134

23 November 2022

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,
ITU-R Associates participating in the work of Radiocommunication Study Group 4 and
ITU Academia**

**Subject: Invitation for submission of proposals for candidate radio interface technologies for
the satellite component of the radio interface(s) for IMT-2020 and invitation to
participate in their subsequent evaluation**

1 Introduction

ITU-R has commenced the process of developing ITU-R deliverables for the satellite component of the IMT-2020 radio interface(s). This work is guided by [Resolution ITU-R 65](#).

Resolution ITU-R 65 on the “Principles for the process of future development of IMT for 2020 and beyond” outlines the essential criteria and principles which will be used in the process of developing the Recommendations and Reports for IMT-2020, including Recommendation(s) for the radio interface specification.

2 Purpose of this Circular Letter

The purpose of this Circular Letter is to invite the submission of proposals for candidate radio interface technologies (RITs) or a set of RITs (SRITs) for the satellite component of IMT-2020. Within the ITU-R, the work on the satellite component of IMT-2020 is being conducted in ITU-R Working Party 4B (WP 4B) of Study Group 4 as the group responsible for this work.

The Working Party 4B detailed timeline shows that the submission of proposals is scheduled to begin immediately upon release of this Circular Letter and end at meeting #53*bis* (December 2023).

This Circular Letter also initiates an ongoing process to evaluate the candidate RITs or SRITs for the satellite component of IMT-2020 and invites the formation of independent evaluation groups and the subsequent submission of evaluation reports on these candidate RITs or SRITs.

It should be noted that further information to announce details of the invitation for submission of proposals may be provided by addenda to this Circular Letter.

3 Web page for the satellite component of IMT-2020

The Radiocommunication Bureau has established a "[Web page for the satellite IMT-2020 submission and evaluation process](#)" to facilitate the development of proposals and the work of the evaluation groups. The satellite IMT-2020 web page will provide details of the process for the submission of proposals, and will include the RIT and SRIT submissions, evaluation group registration and contact information, evaluation reports and other relevant information on the development of IMT-2020 satellite radio interface(s).

4 Procedure for submitting candidate RITs or SRITs

The submission of proposals should be made in accordance with the submission process delineated on the satellite IMT-2020 web page.

Proponents and IPR holders should indicate their compliance with the ITU policy on intellectual property rights (see Note 2 in Section A2.6 of Resolution ITU-R 1-8), as specified in the Common Patent Policy for ITU-T/ITU-R/ISO/IEC on intellectual property rights, available at <http://www.itu.int/ITU-T/dbase/patent/patent-policy.html>.

Submissions should be addressed to the Counsellor for ITU-R Study Group 4, Mr Nelson Malaguti (nelson.malaguti@itu.int). These submissions will be prepared as inputs to WP 4B and made available on the satellite IMT-2020 web page. Receipt of submissions will be acknowledged by the Radiocommunication Bureau.

5 Evaluation of candidate RITs or SRITs

Candidate RITs or SRITs will be evaluated by the ITU membership, standards organizations and other independent evaluation groups. Evaluation groups are requested to register with ITU-R¹, preferably before the end of 2022. The evaluation groups are kindly requested to submit evaluation reports to the ITU-R in accordance with the evaluation process delineated on the satellite IMT-2020 web page. The evaluation reports will be considered in the development of the ITU-R Recommendation describing the radio interface specifications.

The evaluation guidelines, including the criteria and methodology, are contained in [Report ITU-R M.2514](#).

Mario Maniewicz
Director

¹ Evaluation group registration forms will be made available at: [Satellite IMT-2020 submission and evaluation process](#).