

INTRODUCTION TO IAFI & WRC-27

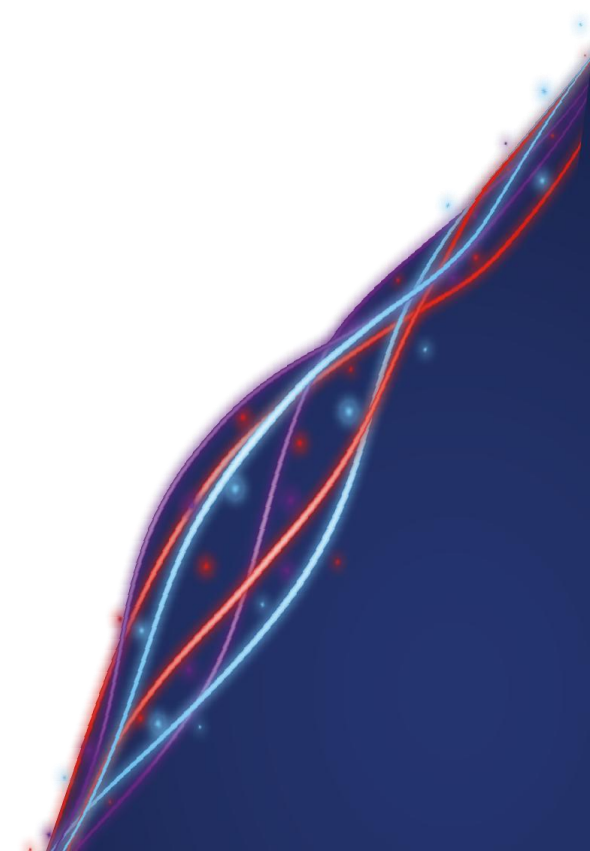
Bharat B Bhatia (BB)

President, ITU-APT Foundation of India

Vice Chairman - World Wireless Research Forum

Chairman, ITU WP5D WG General Aspects

Chairman, APT Task Group on WAS/RLAN



About IAFI

- The ITU-APT Foundation of India (IAFI) is a Registered non-profit, non-political industry Foundation that represents the interests of the telecommunications and ICT sector in the Asia Pacific Region.
- The organization serves as a vital platform for industry stakeholders, including operators, manufacturers, researchers, and government entities, to collaborate and engage among themselves and with international telecommunications organizations such as ITU, APT, WWRF, FCC, CEPT, etc.
- IAFI's members benefit from the organization's advocacy efforts, access to ITU and APT meetings, conferences and events, access to exclusive industry insights, participation in global events, and opportunities to engage with international experts and policymakers.

Our Vision and Mission	Foster sustainable growth of the telecommunications and ICT sector by facilitating international cooperation, promoting best practices, and advocating for favourable policies and regulations.			
	Advocacy and Policy Development	International Collaboration	Standards and Best Practices	Capacity Building and Training
Activities	Contributing to ITU and APT Studies, conferences and activities	Organising events that support our vision and Mission	Collaborating with stakeholders including members, governments, industry experts	Promoting Research and Development

Focus of IAF Activities in 2025

- Preparations for WRC-27 with focus on 6G and satellite issues
- Studies to support additional mid band spectrum between 6 to 15.35 GHz for 5G and 6G
- Implementing Spectrum and Policy Reforms for Satellite services
- Lower 6GHz (5925-6425 MHz) for Wi-Fi and innovation
- Spectrum for captive Non-Public Networks (CNPN) – 4G/5G to support Industrial development of the Country
- Preparations for WTDC and PP26



World Radio Conference 2023 (WRC-23)

(MBC-53)

ITU World Radio Conference 2023 was held in Dubai from 13 Nov. to 19 Dec. 2023

- 4500 participants from 150 Countries
- Simultaneous work in six languages - English, French, Arabic, Chinese, Russian, and Spanish



India had an Active Participation in WRC-23 with 71 delegates



IAFI President was elected as Vice Chairman of Committee 4 of WRC-23

A world map at night with city lights glowing in yellow and green. A large blue oval with a red border is centered over the Atlantic Ocean, containing the text for the World Radio Conference 2027.

World Radio Conference 2027 (WRC-27)

(MBC-52)

There are 19 main agenda items of WRC-27 from 1.1 to 1.19, in addition to 9 standing agenda items (2-10)

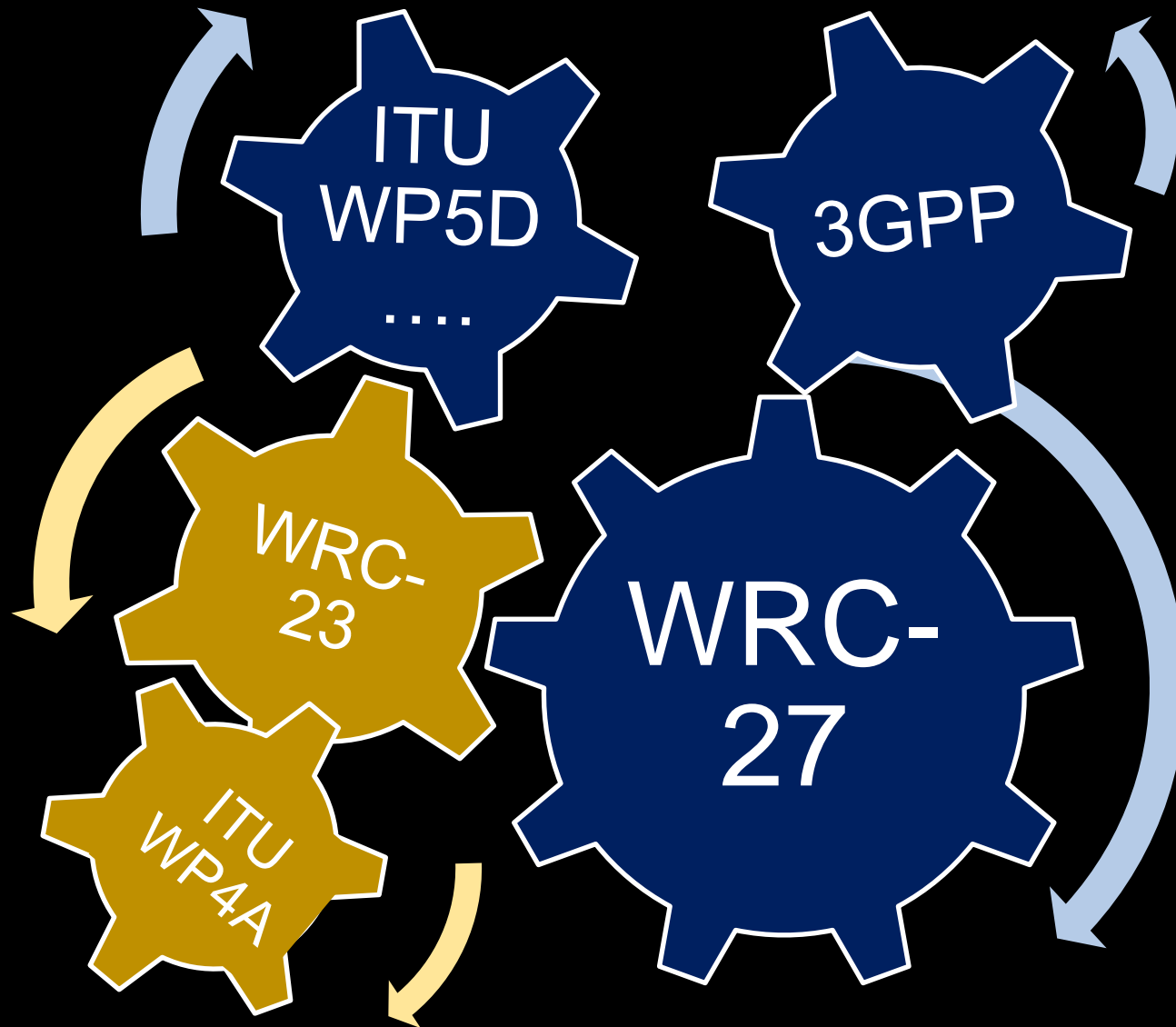
1.7 and 1.13 are considered as most critical

Approximately 80% of the WRC-27 agenda is focused on satellite-related matters

New 6G Bands



New spectrum for 6G Spectrum is one of the most important agendas of WRC-27

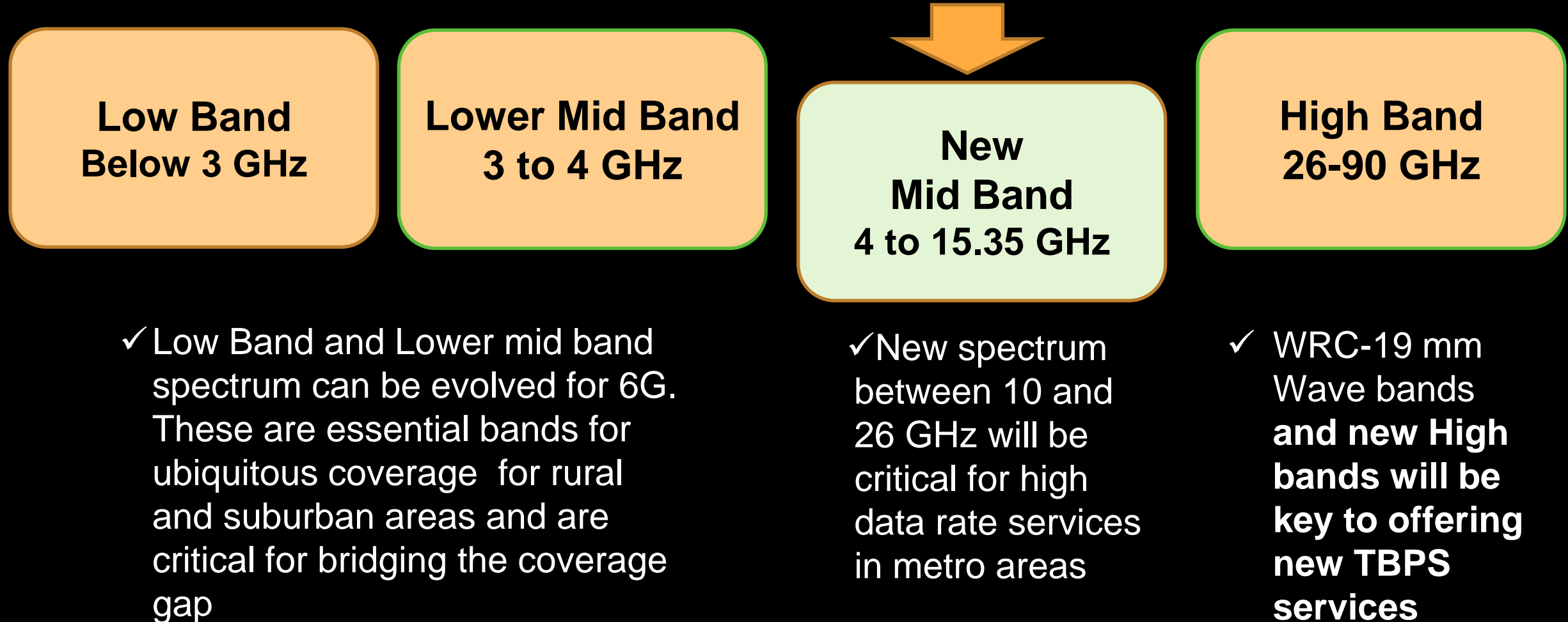


Agenda 1.7 of WRC-27

WRC-23 approved studies for identification new spectrum for 6G at WRC-27 in the following bands:

- 4.4 to 4.8 GHz,
- 7.125 to 8.4 GHz and
- 14.8 to 15.35 GHz

Global Mobile industry is looking for new Frequency bands for 6G between 6 and 15.35 GHz



Direct- to Device satellite connectivity is also dominating the WRC-27 discussions

The inclusion of WRC-27
agenda items 1.12, 1.13 and
1.14 highlight the interest in
supplemental coverage to
terrestrial mobile services
from space





THANK YOU

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