


Immediate

Government of India
Ministry of Communications
Department of Telecommunications
Wireless Planning and Coordination Wing

Subject: Minutes of 1st meeting of Working Group 2 (1 to 6 GHz) of NFAP review/revision committee

Kindly refer to the 1st meeting of Working Group 2 (1 to 6 GHz) of NFAP 2022 review/revision committee held under the chairmanship of Sh. N.K. Bhola, Joint Wireless Adviser, WPC Wing on 19.07.2024 and find enclosed Minutes of Meeting for reference and further action please.


(Davender Singh Rawat)
Engineer, WPC Wing

Enclosed: As Above

To,

1. All Stakeholders
2. Sr. DWA (ISR) for information pls.
3. Director (IT), DoT for uploading on DoT Website

**Minutes of 1st meeting of Working Group 2 (1 to 6 GHz) of NFAP
review/revision committee**

First meeting of **Working Group-2** to review/revise the National Frequency Allocation Plan (NFAP) – 2022, taking into consideration the decisions of World Radiocommunication Conference WRC-2023, national requirements and latest developments in the radiocommunication technologies etc., under the chairmanship of Sh. N K Bhola, Joint Wireless Adviser to the Govt. of India, WPC Wing was held **on 19.07.2024** through video conferencing. Stakeholders from various Government departments, Telecom Service Providers, Manufactures, Academia, Associations etc. participated in the meeting. List of participants is enclosed at **Annexure**.

2. At the outset of the meeting, Chairman welcomed all stakeholders, outlined the committee's objectives and emphasized the importance of incorporating WRC-2023 decisions and national requirements while reviewing/ revising NFAP-2022.

3. All the stakeholders were requested to give their introduction. After the introduction of stakeholders, Sh. Sachin Kumar, Assistant Wireless Adviser, WPC Wing presented the key decisions of WRC 2023 relevant to frequencies between 1 to 6 GHz.

4. Three (03) stakeholders submitted their contributions, prior to meeting, which were presented by the concerned stakeholders. The input contributions received are placed at website <https://dot.gov.in/spectrum> in “NFAP-2025”.

4.1 M/s Tata Communications Limited (TCL) introduced their 1st contribution on administratively allocation of 2.7-2.9 GHz band for Fixed Wireless Access. Sh. Chander Murthy, IISc proposed that this band can be used for captive networks in educational campuses. AAI and Defence/ JCES /DNS opposed the proposal i.r.o. 2.7-2.9 GHz band, being earmarked for aeronautical radionavigation services in RR.

4.2 M/s Tata Communications Limited (TCL) introduced their other two proposals i.r.o. allocating 3.7-3.8 GHz, 3.8-4.2 GHz and 4.8-4.99 GHz for CNPN. JCES opposed the proposal to put additional allocation in 3.7- 4.2 GHz band and further emphasized that in the last meeting of WPC Wing 4940-4990 MHz for CNPN and rest of band to be used for existing services. DCPW also opposed the proposal because of the usage of POLNET in this band.

4.3 M/s Tata Communications Limited (TCL) introduced their 4th contribution on allocation of 5.150-5.250 GHz and 5.725-5.875 GHz for Fixed Wireless Access.

4.4 M/s Tata Communications Limited (TCL) introduced their 5th contribution on delicensing of 5.925-7.125 GHz for Fixed Wireless applications.

4.5 Sh. Bharat Bhatia from ITU-APT Foundation of India discussed the IND footnotes requiring attention for the review/ revision of NFAP 2022.

4.6 M/s Susan Future Technologies Private Limited introduced their contribution on identification of 1710-1980 MHz, 2010-2025 MHz, 2110-2170 MHz and 2500-2655 MHz for High Altitude Platform Station as IMT Base Station (HIBS) in accordance with the RESOLUTION 221 (REV.WRC-23) and RESOLUTION 218 (WRC-23).

4.7 M/s RJIL representative requested to take proposals only on WRC decisions, as discussed in the 1st meeting of NFAP review/revision committee.

5. Stakeholders were requested to provide written comments, counter-comments in respect of the various input along with necessary justification, so that they may be discussed during subsequent meetings.

6. The meeting concluded with thanks extended to the Chairman and all stakeholders for their participation.

Place: New Delhi

Date: 29.07.2024

Annexure**List of Participants**

S. No.	Name	Organization
1	N K Bhola	Chairman, WPC Wing
2	Munesh Kumar	WPC Wing
3	M K Pattanaik	WPC Wing
4	M P S Alawa	WPC Wing
5	Khagendra Singh	WPC Wing
6	Sachin Kumar	WPC Wing
7	R K Nagaich	WMO
8	Davender Singh Rawat	WPC Wing
9	Yogesh Nandwani	WMO
10	Shalini Gupta	WPC Wing
11	Antrix Gupta	WPC Wing
12	Col. Sukhdeep	Indian Army
13	Cdr. Rajat Rana	Indian Navy
14	Wg. Cdr. Vikas Jakhar	JCES
15	H S Srihari	DCPW
16	Vinay Barthwal	DCPW
17	Umesh	AAI
18	Ravi Tulsian	IN-SPACE
19	Kumar Appaiah	IIT Bombay
20	Chander Murthy	IISc Bangalore
21	Divya Oberoi	NCRA/ GMRT
22	Alka	Tata Communications
23	Munesh Gaur	Tata Communications
24	Anil Tandon	BIF
25	Sundeep Kathuria	BIF
26	Vikram Tiwathia	COAI
27	Sendil Kumar	Ericsson
28	Ashish Garg	GSMA
29	Bharat Bhatia	IAFI
30	Misha Bajpai	ITU-APT Foundation
31	Bimal Chopra	RJIL
32	Murali Medudula	RJIL
33	Swati Rawat	RJIL
34	Jitendra Singh	Qualcomm
35	Punit Rathod	Qualcomm
36	Saurabh Mittal	Airtel
37	Rajath Ali	SIA India
38	Suresh Warriar	Elena Geo
39	Suresh Kumar Karthikeyan	Susan Future Technologies
40	Uttam Podder	IT Tripura

41	Deepak Kumar Viswakarma	
42	Manish	
43	Kantha Shree	
44	Pallavi	
45	Parag Kabat	
46	Renuka	
47	Shiv Kumar Pandey	
48	Vinit	
49	Y Trihan	