

**Summary record of the meeting of NFAP Review/ Revision Committee held on 25
June 2009**

The meeting of NFAP Review/ Revision Committee was held on 25 June 2009 at 1500 Hrs in Conference Room, Sanchar Bhavan under the Chairmanship of Dr. Ashok Chandra, Wireless Adviser to the Government of India, to discuss the methodologies for review/ revision of NFAP. The list of participants is enclosed at Annex 1.

2 Chairman welcomed the participants and gave brief history for the development of NFAP since 1981. He further informed that the first NFAP which was developed in 1981 was a Secret document containing broad user-wise allocation. Thereafter, with the implementation of New Telecom Policy 1999 (NTP-99), the NFAP-2000 was developed service-wise, excluding security-related information and was made public.

3 The NFAP-2008 document (made effective from 01.04.2009) which was recently developed after review/ revision of NFAP-2002 was officially to be released by Secretary, DOT. Accordingly, the Chairman requested Secretary, DOT, to kindly release the NFAP-2008 document. While unveiling the NFAP-2008 document, Secretary, DOT, stated that developing of NFAP-2008 was a difficult task in view of emerging new technologies and also conflicting demands on spectrum by various stakeholders. He further mentioned that 700 MHz band has been found very suitable for broadband services, especially for rural areas which many countries are deploying and he desired that India should also work for 700 MHz in order to make use of the same. He wished the entire participants that NFAP Review/ Revision Committee, under the Chairmanship of Wireless Adviser, will address various issues, including 700 MHz band.

3.1 Representatives from Government as well as COAI, AUSPI, ISPAI, TEMA, etc., congratulated Secretary DOT, for his leadership due to which this NFAP document could be finalized.

4 After this, the Chairman of the NFAP Review/ Revision Committee stated that the present NFAP is up to 1000 GHz, whereas the frequency allocation for various services is

till 275 GHz. He stated that the next NFAP document must be a detailed document containing band plans for various frequency bands, based on the projection received from various stake-holders. Then, he requested stakeholders to give their views on the methodologies to be adopted for review/ revision of the current NFAP.

4.1 Representative of TEMA suggested that a focus group for UWB and HAPs to be formed. Representative of COAI stated that focus group on 700 MHz band to be formed. On this, the Chairman stated that a JTG on 700 MHz has already been constituted and meetings are likely to be convened in near future. The representative of M/s VIHAAN stated that frequency slots for R&D activities/ experimental work in various frequency bands is required to be kept available. Representative of DCPW stated that requirement of security agencies to be considered. The representative from BECIL stated that there is huge demand of spectrum for broadcasting due to advancement in broadcasting technology.

4.2 Chairman then requested all participants to send their comments on formation of working groups latest by 30 July 2009. Thereafter, WPC Wing will examine and take a final decision which was agreed by the Committee. The next meeting of NFAP-2008 review was proposed to be held in the 3rd week of August 2009.

The meeting ended with vote of thanks to the Chair.

List of participants for NFAP Review/ Revision meeting held on 25 June 2009

S.No.	Name, Designation	Organisation
1	Mr B K Oberoi, Dy. Director	AIR
2	Mr M S Ansari, Director	AIR
3	Mr Ashok Sharma, National Head Regulatory	Aircel Ltd.
4	Mr B B Anand, President	AUSPI
5	Mr S C Khanna, Secretary General	AUSPI
6	Mr P K Sharma	AUSPI
7	Mr B P Srivastava, Advisor	BECIL
8	Mr Harkesh Gupta, CMD	BECIL
9	Mr Ravi Gandhi, Head (Regulatory)	Bharti Airtel
10	Mr Parimal Johary, Sr Manager	Bharti Airtel
11	Mr S N Gupta, Chief Regulatory Advisor	British Teleom
12	Mr Arun Kumar, DGM (Radio)	BSNL
13	Mr V Sampathkumar, GM (CNO)	BSNL
14	Mr N K Goyal, President	CMAI
15	Mr T R Dua, Deputy Director General	COAI
16	Mr Nitin Sapra, Senior Officer	COAI
17	Mr Sunil Sharma, AGM (Regulatory)	Datacom Solutions Pvt Ltd.
18	Mr D Balasubramanian, Asst. Director	DCPW, MHA
19	Mr T B J S Rajappa, Deputy Director	DCPW, MHA
20	Mr A K Gupta, Deputy Director	DCPW, MHA
21	Mr Ramesh Meena, TA	DCPW, MHA
22	Mr Rajeev Kumar, Dy. Director (Engg)	Doordarshan
23	Mr Arif Khan, Director	Ericsson India Pvt. Ltd.
24	Mr Nitin Vishwakarma, Manager	Ericsson India Pvt. Ltd.
25	Dr V K Budhiraja, Chief Regulatory Officer	Etisalat DB Telecom Pvt. Ltd.
26	Ms Sarika, Assistant Director	FICCI
27	Mr Dushyant Thakkar, Jt. Director	FICCI
28	Mr A Praveen Kumar, Group Head (RF/Fibre Optic)	GMRT-NCRA-TIFR, Pune
29	Mr Rabindhra Mangtani, Director	GSM Association
30	Mr R K Mehta, Head-Regulatory	HFCL-Infotel
31	Mr Ashish Dutta, Under Secretary	I&B
32	Mr Vinod Kumar, DGM	IBM
33	Mr Rahul Vatts, AVP-Regulatory	Idea Cellular
34	Mr Naresh Ajwani, Secretary	ISPAI
35	Mr Puneet Tiwari, Director	ISPAI
36	Mr S Sayeenathan, Deputy Director	ISRO Hq, DOS
37	Lt Col. Yogesh Grotra, Jt. Director	JCES, MOD
38	Wg Cdr. S S Kumar, Jt. Director	JCES, MOD
39	Mr Harish Kapoor, CRO	Loop Telecom
40	Mr Muddasar Altaf, Manager Regulatory	Loop Telecom
41	Mr Narendra Sharma, Manager	Midas Communication
42	Mr N K Mohapatra, Country Manager	Midas Communication
43	Mr Bharat Bhatia, Director	Motorola
44	Mr Anil Mirakhur, RSM	Phonak India Pvt. Ltd.
45	Mr Jitendra Gupta, Sr. Manager (Govt. Affairs)	Qualcomm

46	Mr Rakesh Ranjan, Jt. Director (Telecom)	Railways
47	Mr Vineet Sinha	Railways
48	Mr Manish Gupta, Regulatory	Reliance
49	Mr Dilip Singh, President	Reliance Communications
50	Mr J P Gupta, AVP	Reliance Communications
51	Ms Amrita, Sr Manager	Sify
52	Mr A K Seth, CTA	SSTL
53	Mr Rakesh Mehrotra, CEO	TTCL
54	Mr Arun Kumar, Chief Regulatory-Wireless	TTSL
55	Mr B R Khurana, Consultant Regulatory	Unitech Wireless
56	Mr Rohit Singal, Director	VANU India
57	Mr Anoj Kumar Singh, B D Manager	VANU India
58	Mr S K Kakkar, CSO	Vihaan Network Ltd.
59	Mr Manoj Bhan, EVP	VNL
60	Mr S S Sharma, Advisor	Vodafone
61	Mr Amit Raina, Manager	Vodafone
62	Mr Shyam Kaushal, Regional Director	WiMax Forum
63	Mr C S Rao, Chairman	WiMax Forum
64	Mr Ambrin, Admin	WiMax Forum
65	Mr Viresh Goel, Assistant Wireless Advisor	WPC Wing, DOT
66	Mr Maha Singh, Assistant Wireless Advisor	WPC Wing, DOT
67	Mr Sukhpal Singh, Deputy Wireless Advisor	WPC Wing, DOT
68	Ms Deepa Aggarwal, Deputy Wireless Advisor	WPC Wing, DOT
69	Mr T K Varadkrishnan, Deputy Wireless Advisor	WPC Wing, DOT
70	Mr R K Saxena, Deputy Wireless Advisor	WPC Wing, DOT
71	Mr V K Pant, Assistant Wireless Advisor	WPC Wing, DOT
72	Mr Amit Gulati, Engineer	WPC Wing, DOT
73	Mr M C Pandey, Assistant Wireless Advisor	WPC Wing, DOT
74	Mr L D Meghwal, Engineer	WPC Wing, DOT
75	Mr N K Bhola, Assistant Wireless Advisor	WPC Wing, DOT
76	Mr Munesh Kumar, Assistant Wireless Advisor	WPC Wing, DOT
77	Mr R B Prasad, Joint Wireless Advisor	WPC Wing, DOT
78	Mr Umang Srivastava, Engineer	WPC Wing, DOT
79	Ms S Rajalakshmi, Engineer	WPC Wing, DOT
80	Mr J S Gupta, Engineer	WPC Wing, DOT
81	Mr A K Saxena, Engineer	WPC Wing, DOT
82	Mr D Das Gupta, Engineer	WPC Wing, DOT
83	Mr Kewal Singh, Engineer	WPC Wing, DOT
84	Mr Devraj, Engineer	WPC Wing, DOT
85	Mr R P S Prabhakar, Engineer	WPC Wing, DOT
86	Mr A K Patel, Engineer	WPC Wing, DOT
87	Mr Khagendra Singh, Engineer	WPC Wing, DOT
88	Mr R C Malik, Engineer	WPC Wing, DOT
89	Mr H S Siddiqui, Engineer	WPC Wing, DOT
90	Mr Irshad Ahmed, Engineer	WPC Wing, DOT
91	Mr Tarun Choudhary, Engineer	WPC Wing, DOT
92	Mr A K Sharma, Engineer	WPC Wing, DOT