

Government of India
Ministry of Communications and IT
Department of Telecom
Wireless Planning and Coordination Wing, Conference Cell
6th Floor, Sanchar Bhawan, 20 Ashoka Road, New Delhi-01

T-11014/1/2012-Conf

Dated: 26 April 2012

Office Memorandum

Subject: Constitution of National Working Groups to participate in the activities of the Study Groups, Working Parties and Task Groups of the ITU-R for the Study Cycle 2012-16.

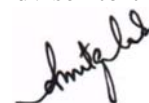
In continuation to earlier letter of even no dated 28.02.2012, the undersigned is directed to state that National Working Groups (NWGs) have been constituted to participate in the activities of the Study Groups, Working Parties and Task Groups of the Radiocommunication sector of the International Telecommunication Union (ITU-R) for the Study Cycle 2012-16.

2.1 The scope of these NWGs is given below

NWG	Scope
NWG-1 (Spectrum management, utilization, engineering, sharing and monitoring)	Spectrum management principles/techniques, general principles of sharing, spectrum monitoring, long term strategies for spectrum utilization, economic approaches to national spectrum management, automated techniques/ assistance to developing countries in cooperation with Telecom Development sector
NWG-3 (Radiowave propagation)	Propagation of radio waves in ionized and non-ionized media and the characteristics of radio noise, for the purpose of improving radiocommunications systems
NWG-4 (Satellite Service)	Systems & networks for the fixed satellite service, mobile-satellite service, broadcasting-satellite service and radiodetermination-satellite service
NWG-5 (Terrestrial Services)	Systems and networks for fixed, mobile radiodetermination, amateur/ amateur-satellite service
NWG-6 (Broadcasting Service)	Radiocommunication broadcasting, inclusion vision, sound, multimedia and data services principally intended for delivery to the general public
NWG-7 (Science Services)	Systems for space operation, space research, earth exploration and meteorology, including the related use of links in the inter-satellite service, remote sensing, Radio/radar astronomy, dissemination/reception and coordination of standard frequency/ time signal services.

2.2 Chairperson, Rapporteurs and Members of each NWG and their contact details is given at Annex-1

3 Each of these NWGs will study the questions assigned by the Radiocommunication Assembly of the ITU to respective Study Groups of ITU-R and forward their recommendations to Wireless Adviser to the Govt of India for further necessary action.



(Amit Gulati)
Engineer (I)

For Assistant Wireless Adviser

Tel: +91 11 2337 2311

Fax: +91 11 2371 6111

Email: engwpc-dot@nic.in

To:

- (i) Chairmen, Rapporteurs and Members of NWGs
- (ii) All stakeholders

National Working Group -1 (Spectrum Management)

Status in NWG-1	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman	Shri V V Singh	Director	Wireless Monitoring Organisation, DOT	E-Wing, IIIrd Floor, Pushpa Bhawan, New Delhi - 62	vinod_v_singh@yahoo.com	011-29054618	011-29957762	
Rapporteur	Shri Sukhpal Singh	Deputy Director	Wireless Monitoring Organisation, DOT	E-Wing, IIIrd Floor, Pushpa Bhawan, New Delhi - 62	sukhpalg@indiatimes.com	011-29051005	011-29957762	
Member	Shri M P S Alawa	Engineer-in-Charge	Wireless Monitoring Organisation, DOT	International Wireless Monitoring Station, Gorai Road, Borivili (West), Mumbai - 92	mpsalawa@gmail.com	022-28673979		022-28676244
Member	Shri Manish Sheelwant	Officer-in-Charge	Wireless Monitoring Organisation, DOT	Wireless Monitoring Station, G-157, Nehru Colony, Haridwar Road, Dehradun-248001	manish_sheelwant@yahoo.co.in	+91 8791343664		
Member	Shri T Hari Babu	Officer-in-Charge	Wireless Monitoring Organisation, DOT	Wireless Monitoring Station, TEC Building, 3rd Floor, Cherlapally, HCL Post, Hyderabad-500051	oic.hyd@gmail.com	09885423303		040-27261516
Member	Shri Ajay Singhal	Engineer-in-Charge	Wireless Monitoring Organisation, DOT	International Satellite Monitoring Earth Station, Jalna, Maharashtra	ajaysinghal.wpc@gmail.com	02482-225300	02482-225500	
Member	Shri Ashim Datta	Engineer	Wireless Monitoring Organisation, DOT		asimdatta@yahoo.com			
Member	Shri B. K. Oberoi	Director	All India Radio	205, Akashvani Bhawan, Parliament Street, New Delhi	bharat_oberoi@hotmail.com	011 23421062		

National Working Group -1 (Spectrum Management)

Status in NWG-1	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Member	Shri Anil Prakash	Secretary General	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	anilprakash@yahoo.com	9811155846		
Member	Shri Anurag Kulshreshtha	Dy Director General (Engg)	Doordarshan	Mandi House, New Delhi	anuragkddi@gmail.com	9868200505		
Member	Shri U K Mandal	Director (Engg)	Doordarshan	Mandi House, New Delhi				
Member	Col A Upadhyay	Director	JCES	HQ Integrated Defence Staff Ministry of Defence Plot No 108, Church Road New Delhi-01	ashutosh1969@hotmail.com	011-23094971	011-23093942	
Member	Dr P Sri Ram	Deputy Director (Comms)	Customs Department	Central Excise, Service Tax/ Customs, Custom House.Port Area, Vizag -35	ecomvizag@rediffmail.com sriirampilla@yahoo.co.in	0891-2562966 94905 32040 94848 83484		
Member	Sonkamble Prakash D	Officer-in-Charge (IMS-Mumbai)	Wireless Monitoring Organisation, DOT	International Wireless Monitoring Station, Gorai Road, Borivilli (West), Mumbai - 92	prakash.sonkamble@gmail.com	022-28671626 9869450005	022-28676244	
Member	Umang Shrivastava	Engineer-in- Charge	Wireless Monitoring Organisation (Headquarters), DOT	E-Wing, IIIrd Floor, Pushpa Bhawan, New Delhi-62	umang.shubhra@gmail.com			
Member	T Srinivasa Rao	Officer-in-Charge	Wireless Monitoring Organisation, DOT	Wireless Monitoring Station 6-20-9, Chinna Waltair P.O. Visakhapatnam- 530023	vasu_tsa@yahoo.co.in	09446073202		
Member	Tarun Choudhary	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	tarun_choudhary@hotmail.co m	9968060385		
Member	Amit Gulati	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	togulati@gmail.com	011-23372311		

National Working Group -3 (Radiowave Propagation)

Status in NWG-3	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman	Dr Uday B Desai	Director	Indian Institute of Technology	Ordinance Factory, Yedumailaram-502205, Andhra Pradesh	ubdesai@iith.ac.in	040-2301-6002	040-23016003	
Rapporteur	Shri Gulab Chand	Deputy Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	gulabchand_chand@yahoo.co.in	011-23036391	011-23716111	
Member	Shri M. S. Ansari	Deputy Director General	All India Radio	205, Akashvani Bhawan, Parliament Street, New Delhi	msansari62@gmail.com	011 23421062		
Member	Shri Anil Prakash	Secretary General	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	anilprakash@yahoo.com	9811155846		
Member	Shri Anurag Kulshreshtha	Dy Director General (Engg)	Doordarshan	Mandi House, New Delhi	anuragkddi@gmail.com	9868200505		
Member	Shri U K Mandal	Director (Engg)	Doordarshan	Mandi House, New Delhi				
Member	Lt Col V P Chaturvedi	Jt Director	JCES	HQ Integrated Defence Staff Ministry of Defence New Delhi-01	vp1708@gmail.com	011-23093536	011-23093942	
Member	Dr P Sri Ram	Deputy Director (Comns)	Customs Department	Central Excise, Service Tax/ Customs, Custom House.Port Area, Visakhapatnam -35	ecomnvizag@rediffmail.com sriirampilla@yahoo.co.in	0891-2562966 94905 32040 94848 83484		
Member	Shri A K Patel	Engineer (Satellite)	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	rashok1977@yahoo.com	9868134121	011-23716111	
Member	Shri P S M Tripathi	Engineer (PIU)	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	psmtripathi@gmail.com	9868135842	011-23716111	
Member	Tarun Choudhary	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	tarun_choudhary@hotmail.com	9968060385		

National Working Group -4 (Satellite Services)

Status in NWG-4	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman	Shri Sayeenathan	Associate Director, FMO	ISRO	ISRO Headquarters, Antriksh Bhawan, New BEL Road, Bangalore	sayee@isro.gov.in	080-23415474	080-23518884	
Rapporteur	Shri V J Christopher	Deputy Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	vjchristopher@yahoo.com		011-23716111	
Member	U K Srivastava	DDG	TEC, DOT	Khurshid Lal Bhawan, Janpath, New Delhi-110001	ddgsat.tec@gov.in	9868135454		
Member	Shri R.K.Pandey	Deputy Director General	All India Radio	432, Akashvani Bhawan, Parliament Street, New Delhi-110001	detc@air.org.in			011-23421560
Member	Shri Bharat Bhatia	Vice-President	ITU-APT Foundation of India	415/2, Mahrauli-Gurgoan Road, Sector-14, Gurgoan – 122001	bharat.bhatia@motorolasolutions.com	0124-2302817, 9810173737		
Member	Shri Maha Singh	Deputy Director	Wireless Monitoring Organisation, DOT	E-Wing, Illrd Floor, Pushpa Bhawan, New Delhi - 62	mahasinh54@gmail.com	9013134977	011-29957762	
Member	L D Meghwal	Engineer-in-Charge	Wireless Monitoring Organisation, DOT	E-Wing, Illrd Floor, Pushpa Bhawan, New Delhi - 62	megh.idhar@gmail.com	9868135521		
Member	Rajesh Kumar Dora	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	rajesh_dora@yahoo.com	9868130048		

National Working Group -5 (Terrestrial Services)

Status in NWG-5	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman	Shri Anil Kaushal	Sr. DDG	TEC, DOT	Khurshid Lal Bhawan,Janpath, New Delhi-110001	srddg.tec@gov.in anil_kaushal@bsnl.co.in	011 23320252, 011-23036788 9868128118		
Rapporteur	Viresh Goel	Deputy Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	viresh.goel@gmail.com	9868130212	011-23716111	
Member	U K Srivastava	DDG	TEC, DOT	Khurshid Lal Bhawan,Janpath, New Delhi-110001	ddgsat.tec@gov.in	9868135454		
Member	L D Meghwal	Engineer-in- Charge	Wireless Monitoring Organisation, DOT	E-Wing, IIIrd Floor, Pushpa Bhawan, New Delhi - 62	megh.idhar@gmail.com	9868135521		
Member	Shri Ashim Datta	Officer-in-Charge	Wireless Monitoring Organisation, DOT	Wireless Monitoring Station, Village-Gopalpur, P.O. Sarkarpool, 24-Parganas, Calcutta 743352	asimdatta@yahoo.com			
Member	Shri Bharat Bhatia	Vice-President	ITU-APT Foundation of India	415/2, Mahrauli- Grigoan Road, Sector- 14, Gurgaon – 122001	bharat.bhatia@motorolasolutio ns.com	0124-2302817, 9810173737		
Member	Shri N. K. Srivastava	Vice-Chairman ITU-R Working Group of ITU-APT Foundation of India	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	nk.srivastava12@gmail.com	9868138813		
Member	Shri T. R. Dua	Co-Chairperson	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	tilakrajdua@gmail.com	9810150000		
Member	Shri Anurag Kulshreshtha	Dy Director General (Engg)	Doordarshan	Mandi House, New Delhi	anuragkddi@gmail.com	9868200505		

National Working Group -5 (Terrestrial Services)

Status in NWG-5	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Member	Shri U K Mandal	Director (Engg)	Doordarshan	Mandi House, New Delhi				
Member	Air Cmde R M Tiwari	DACIDS	JCES	HQ Integrated Defence Staff Ministry of Defence Plot No 108, Church Road New Delhi-01	radheyamohan_2608@rediffmail.com	011-23094703	011-23093942	
Member	Shri A K Patel	Engineer (Satellite)	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	rashok1977@yahoo.com	011-23036384	011-23716111	
Member	Bhagirath	Assistant Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	bnirwan@gmail.com	09013133360		
Member	Ram Lagan Ram	Assistant Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	ramlagamram.wpc@gmail.com			
Member	Khagendra Singh	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	khagendr@rediffmail.com	9868134551		
Member	Amit Gulati	Engineer	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	togulati@gmail.com	011-23372311		
Member	Shri P S M Tripathi	Engineer (PIU)	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	psmtripathi@gmail.com	9868135842	011-23716111	

National Working Group -6 (Broadcasting Service)

Status in NWG-6	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman	Shri A K Bhatnagar	Engineer-in-Chief	Doordarshan	Mandi House, New Delhi	akbhatnagar52@yahoo.com	+919810169389 011-233386718	011-233386718	
Rapporteur	Shri R K Saxena	Deputy Wireless Advisor	WPC Wing, DOT	Sanchar Bhawan, New Delhi - 110001	saxena.rk@indiatimes.com	+919868132041 011-23036630	011-23716111	
Member	Shri R K Saksena	Addl Director General	All India Radio	311, Akashvani Bhawan, Parliament Street, New Delhi-110001	rksaks@yahoo.com			011-23421184
Member	Shri Bharat Bhatia	Vice-President	ITU-APT Foundation of India	415/2, Mahrauli-Gurgoan Road, Sector-14, Gurgoan – 122001	bharat.bhatia@motorolasolutions.com	0124-2302817, 9810173737		
Member	Shri T. R. Dua	Co-Chairperson	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	tilakrajdua@gmail.com	9810150000		
Member	Shri Anurag Kulshreshtha	Dy Director General (Engg)	Doordarshan	Mandi House, New Delhi	anuragkddi@gmail.com	9868200505		
Member	Shri U K Mandal	Director (Engg)	Doordarshan	Mandi House, New Delhi				
Member	Wg Cdr Sanjay Kamra	Jt Director	JCES	HQ Integrated Defence Staff Ministry of Defence Plot No 108, Church Road New Delhi-01	sanjay_kamra@rediffmail.com	011-23093536	011-23093942	

National Working Group -7 (Science Services)

Status in NWG-7	Name	Designation	Organisation	Address	Email	Tel	Fax	Telefax
Chairman			Space Application Centre, ISRO	SAC, Ahmedabad				
Rapporteur	Shri N K Bhola	Deputy Wireless Adviser	Wireless Monitoring Organisation, DOT	E-Wing, IIIrd Floor, Pushpa Bhawan, New Delhi - 62	nkbhola_1@yahoo.com		011-29957762	
Member	Shri Bharat Bhatia	Vice-President	ITU-APT Foundation of India	415/2, Mahrauli-Gurgoan Road, Sector-14, Gurgoan – 122001	bharat.bhatia@motorolasolutions.com	0124-2302817, 9810173737		
Member	Shri T. R. Dua	Co-Chairperson	ITU-APT Foundation of India	115, Gagandeep Building, 12 Rajendra Place, New Delhi-08	tilakrajdua@gmail.com	9810150000		