

**2nd ITU INTER-REGIONAL WORKSHOP
ON WRC-15 PREPARATION
(Geneva, 12 – 13 November 2014)**

**Status of the
preparation for
CPM15-2, RA-15
and WRC-15**

**2nd ITU INTER-REGIONAL
WORKSHOP ON WRC-15
PREPARATION**

**GENEVA, SWITZERLAND
12-13 NOVEMBER 2014**

www.itu.int/go/ITU-R/WRC-15-irwsp-14/



Philippe Aubineau
Counsellor, ITU-R Study Groups
Radiocommunication Bureau

www.itu.int/go/ITU-R/wrc-15-irwsp-14

2nd ITU Inter-regional Workshop on WRC-15 Preparation - Geneva, Switzerland, 12-13 November 2014

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SHARE

The ITU Radiocommunication Bureau will organize the 2nd ITU Inter-regional Workshop on WRC-15 Preparation in the ITU Headquarters in Geneva on 12 and 13 November 2014.

Based on the presentation by the CPM-15 Chapter Rapporteurs of the ITU-R preparatory studies included in the Draft CPM Report to WRC-15, as well as on up-to-date information regarding the Bureau and regional preparations for CPM15-2, RA-15 and WRC-15, this meeting will provide participants with the opportunity to exchange views and have a better understanding of the draft common views, positions and/or proposals of the concerned entities.

The World Radiocommunication Conference 2015 (WRC-15) Agenda and Relevant Resolutions can be downloaded from the WRC-15 web page at: <http://www.itu.int/go/wrc-15>.

- ▶ [Regional preparation for WRC-15](#)
- ▶ [Conference Preparatory Meeting \(CPM\) - Draft CPM Report](#)
- ▶ [1st ITU Inter-regional Workshop on WRC-15 preparation - Geneva, Switzerland, 4-5 December 2013](#)
- ▶ [2nd ITU Inter-regional Workshop on WRC-15 Preparation, 12-13 November 2014, Geneva](#)



Invitation Information

Programme - Documents

Contact - Posters

- ▶ [Programme](#)
- ▶ [Input documents](#)
- ▶ [Information Documents \(INFO\)](#)
- ▶ [Administrative Documents \(ADM\)](#)
- ▶ [List of Participants](#)
- ▶ [Webcast](#)
- ▶ [Captioning](#)

REGISTRATION AND INFORMATION

- ▶ [Meeting sessions - ITU-R Meeting schedule](#)
- ▶ [Registration and Practical Information](#)
- ▶ [On-line Registration](#)
- ▶ [List of Registered Participants](#)

www.itu.int/go/ITU-R/wrc-15-irwsp-14 - Programme

Program



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2nd ITU Inter-regional Workshop on WRC-15 Preparation Preliminary Programme (Geneva, Switzerland, 12-13 November 2014)

(Meeting room)

DAY 1 (WEDNESDAY, 12 NOVEMBER 2014)

08:00-09:30 - Registration

09:30-10:15 - Opening and Introduction

- ▶ Address by the Deputy Secretary-General of the ITU, Mr. Houlin Zhao
- ▶ Address by the Chairman, Mr. Aboubakar Zourmba (Chairman, CPM-15)
- ▶ Status of preparation for CPM15-2, RA-15 and WRC-15 by Mr. Ph. Aubineau (Counsellor, BR) - **Input Document WRC-15-IRWSP-14/20**

10:15-10:30 - Break

10:30-12:30 - Panel Session 1

Review of WRC-15 agenda items related to the **Mobile issues** (agenda items 1.1,

DAY 2 (THURSDAY, 13 NOVEMBER 2014)

08:00-09:00 - Registration

09:00-10:40 - Panel Session 4

Review of the WRC-15 agenda items related to the **Maritime, Aeronautical and Radiolocation issues** (agenda items 1.15, 1.16, 1.17, 1.18 and 1.5) (see note 1)

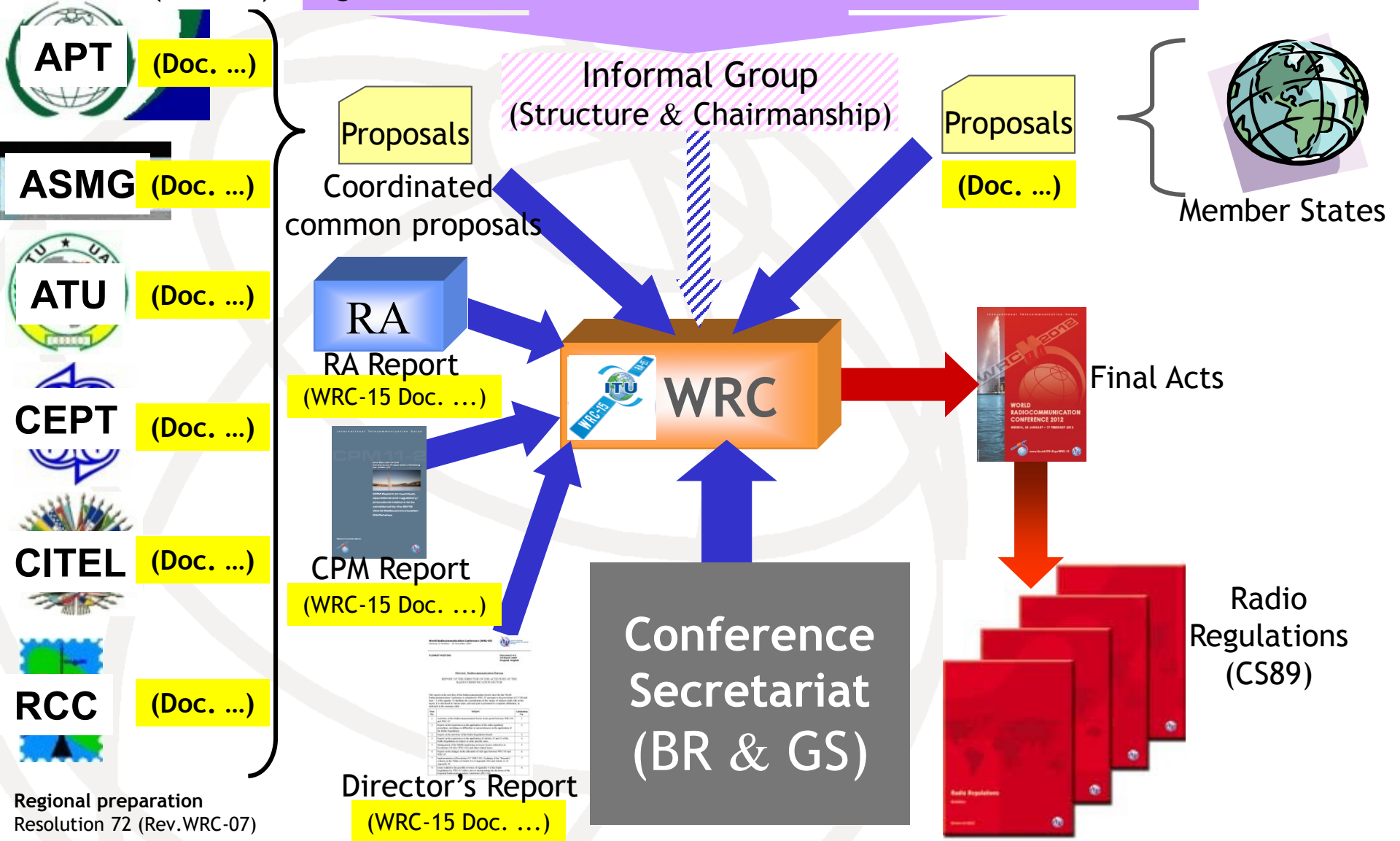
- ▶ Presentation by Mr. Martin Weber (CPM-15 Rapporteur for Chapter 3) - **Input Document WRC-15-IRWSP-14/13**
- ▶ Panellists: Representatives from **APT, ASMG, ATU, CEPT, CITEL, RCC, BR**

10:40-11:00 - Break

11:00-12:00 - Panel Session 5

Overview of the preparations

(WRC-15) Agenda: draft in WRC Res > Council Res & PP-14 Res. COM5/1



WRC-12: WRC-15 Agenda > **Resolution 807** (WRC-12)

1st Session Conference Preparatory Meeting CPM15-1
held on 20 – 21 Feb. 2012; **Results** in CA/201 of 19.03.12 + **Add. 1** of 15.01.13

Council-12 Res. 1343 (on line): WRC-15 Agenda, Date & Venue
Subsequently approved by ITU Member States (CV 42/CV 47)

PP-14 Res. COM5/1 (on line): Global flight tracking for civil aviation

2nd Session Conference Preparatory Meeting CPM15-2
Geneva, 23 March – 2 April 2015 (see CA/216 + Add.1)

Final meetings of regional groups

RA-15: 26-30 Oct. 2015 – WRC-15: 2-27 Nov. 2015

Summary of Conclusions from the June 2014 RAG meeting in BR Administrative Circular CA/215 at: www.itu.int/md/R00-CA-CIR-0215/en

Monitoring studies on ITU-R Resolutions:

The BR Director, in consultation with the Study Group Chairmen, is invited to compile a list of those SGs already conducting studies on ITU-R Resolutions, with foreseen dates and expected ITU-R deliverables, and report to the next RAG meetings.

(See RAG14-1 [Doc. 20](#) (SG 1), [Doc. 16](#) (SG 4), [Doc. 10](#) (SG 5), [Doc. 18r1](#) (SG 6))

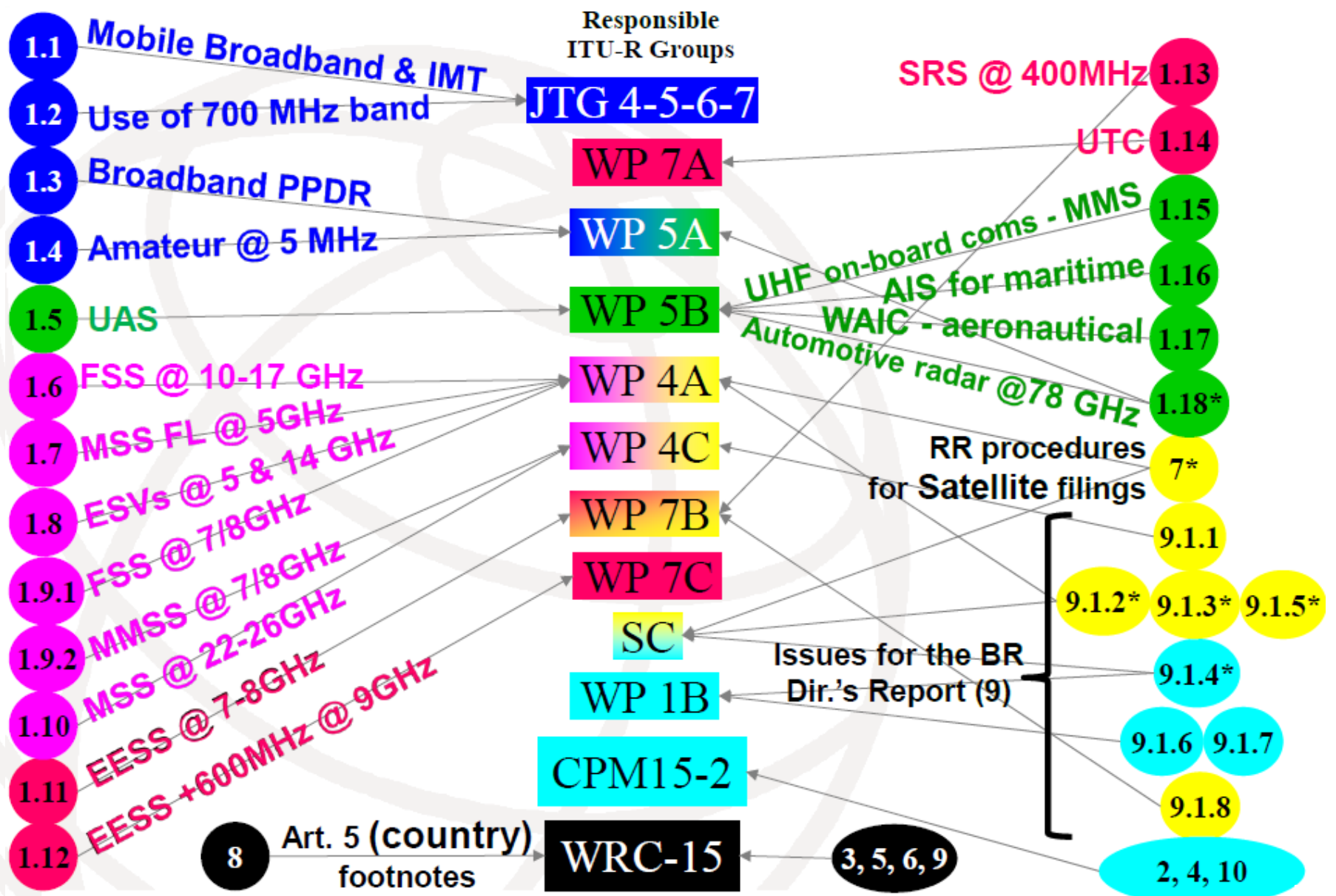
- ▶ Rapporteur's 1st report on revision of Res. ITU-R 1-6 ([Doc. 21r1](#))
 - ⇒ Conclusions on possible revision of Res. ITU-R 1-6
 - ⇒ ToR for new CG in Annex 2 to CA/215 (Mr A. Vallet (F), vallet@anfr.fr)
 - ⇒ Related RAG-14 conclusion to apply PSAA to ITU-R Questions
 - ▶ Proposed revision of Res. ITU-R 6 (see [Doc. RAG13-1/9](#))
- RAG will report final results through the Director to RA-15.

Next RAG meeting planned on 5-8 May 2015

(RAG webpage: www.itu.int/ITU-R/go/rag; SGs webpage: www.itu.int/ITU-R/go/rsg)

February – December 2012		January – December 2013		January – December 2014		January – September 2015		26-30 Oct. 2015	2-27 Nov. 2015
CPM15-1 20-21 Feb.		SC-WP 6-12 Dec.		SC 1-5 Dec.		CPM15-2 23/3 to 2/4			
		Meetings of Responsible Groups and Study Groups 21 Feb. 2012 →→→→→→→→→→→→→ 31 Jul. 2014							
CA/201 CPM 15-1 Results 19 Mar.		Add.1 to CA/201 15 Jan.		Deadline for draft CPM texts 15 Aug.		<div style="border: 2px solid red; background-color: yellow; padding: 5px;"> Deadline for contributions to CPM15-2 9 Mar. 2015 </div>		RA-15	WRC-15
	CPM-15 Steering 18 Dec.		[CPM-15 Steering, if necessary]	CPM-15 Management Team 1-4 Sep.					
			ITU Workshop on WRC-15 Prep. 4-5 Dec.		ITU Workshop WRC-15 Prep. 12&13 Nov.		[ITU Workshop WRC-15 Prep. 1 st week Sep.]		
	C-12, 4-13 Jul WRC-15 Agenda				Publication Draft CPM Report Sep.14 (E); Jan.15		Publication CPM Report April		

WRC-15 agenda items & Resp. Groups



- 9.1.1**
Res.205 MSS in the band 406-406.1 MHz
- 9.1.2**
Res.756 CA Reduction & technical criteria (RR Nos. 9.41 & 9.7)
- 9.1.3**
Res.11 Satellite orb. & frequency spectrum to deliver International Public Telecommunication Services in developing countries
- 9.1.4**
Res.67 Updating & rearrangement of the RR (excepting several Art.)
- 9.1.5**
Res.154 Existing & future operation of FSS ES @ 3.4-4.2 GHz, as an aid to safe operation of aircraft and reliable distribution of meteorological information in some Reg. 1 countries
- 9.1.6**
Res.957 Review def. of *fixed service*, *fixed station* & *mobile station*
- 9.1.7**
Res.647 SM guidelines for emergency & disaster relief radiocom.
- 9.1.8**
Res.757 Regulatory aspects for nano- and picosatellites

PP-14 Res. COM5/1: Global flight tracking for civil aviation

Overview of Resp. Groups meetings *

Meeting overlaps shown in the table below are just for convenience of the presentation and do not represent the real situation

Year	January – March	April – June	July – September	October – December
2012	CPM15-1	WPs 5A, 5B, 4C, 4A, 1B (1 st)	JTG 4-5-6-7 (1 st) WPs 4C, 4A (2 nd) WPs 7A, 7B, 7C (1 st)	WPs 5A, 5B (2 nd) JTG 4-5-6-7 (2 nd) CPM-15 Steering
2013		WPs 7A, 7B, 7C (2 nd) WPs 4C, 4C, 5A, 5B (3 rd) WP 1B (2 nd)	JTG 4-5-6-7 (3 rd) WPs 7A, 7B, 7C (3 rd) WP 4C (4 th)	WP 4A (4 th) JTG 4-5-6-7 (4 th) WPs 5A, 5B (4 th) WS on WRC-15 SC-WP
2014	WP 1B (3 rd) WP 4A (5 th) WP 4C (5 th) JTG 4-5-6-7 (5 th)	SG 6 WP 7A (4 th) WP 7B (4 th) WP 7C (4 th) WP 5A (5 th) WP 5B (5 th) WP 1B (4 th) SG 1	WP 4A (6 th) SG 4 JTG 4-5-6-7 (6 th) CPM-15 Management Team	WP 7A (5 th) WP 7B (5 th) WP 7C (5 th) WP 5A (6 th) WP 5B (6 th) SG 7 SG 5 SG 6 WS on WRC-15 SC
2015	SG 6 CPM15-2	WP 7A (6 th) WP 7B (6 th) WP 7C (6 th) WP 1B (5 th) WP 4C (7 th) WP 4A (7 th) SG 7 SG 1 SG 4	WP 5A (7 th) WP 5B (7 th) [WS on WRC-15] SG 5 SG 6	RA-15 WRC-15



* WP 2015 Dates not yet all finalized

(see the up-to-date ITU-R Meetings schedule at www.itu.int/en/events/Pages/Calendar-Events.aspx?sector=ITU-R)



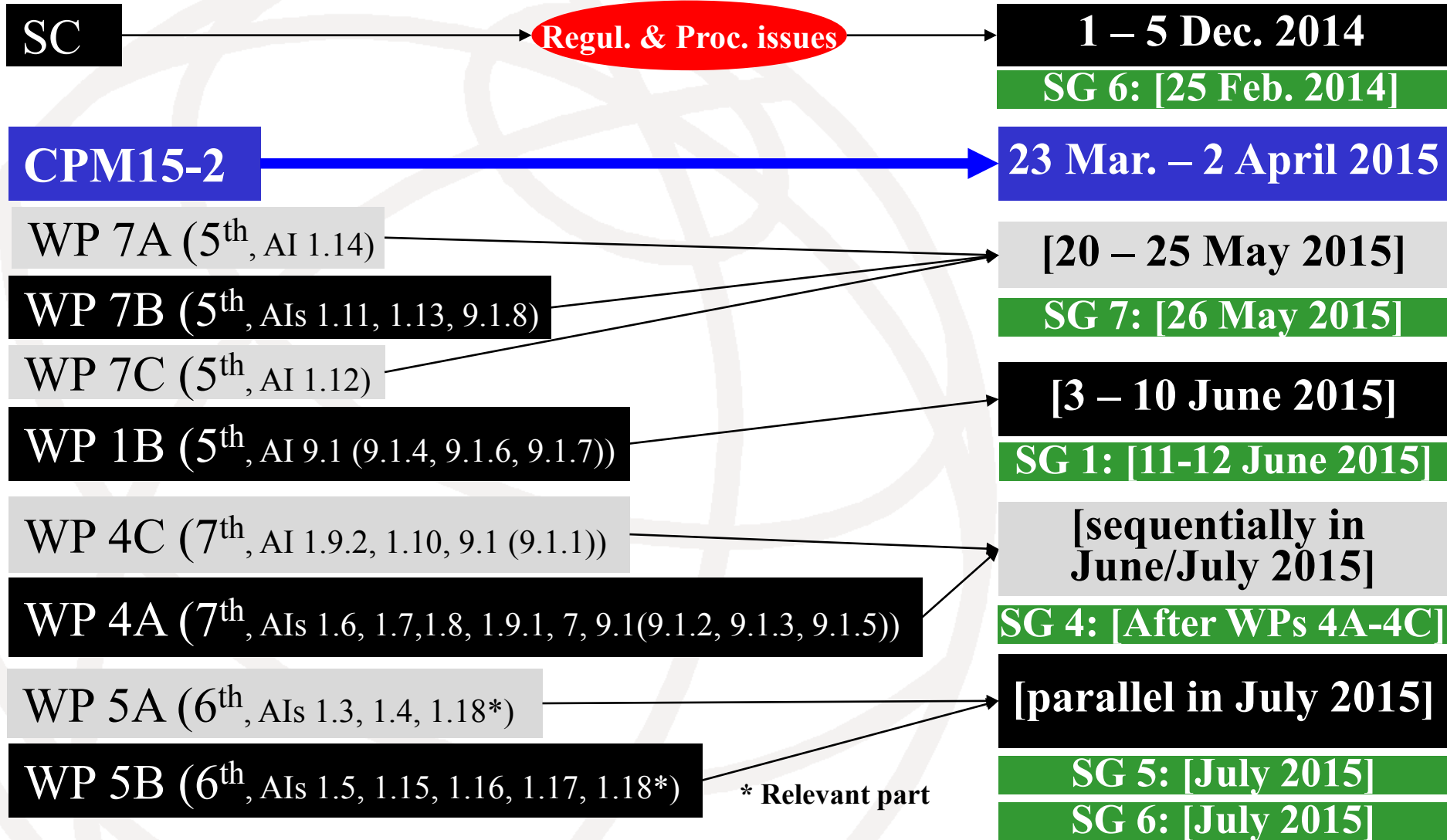
Next Meetings of Resp. Groups



Responsible ITU-R Groups

WRC-15 (agenda items, including issues under AI 9.1)

deadline for draft CPM texts - 15 August 2014



(see the ITU-R Meetings schedule at www.itu.int/en/events/Pages/Calendar-Events.aspx?sector=ITU-R)

Methods in the Draft CPM Report

Draft CPM Chapter	1							2				3	
Agenda items	1.1	1.2				1.3	1.4	1.11	1.12	1.13	1.14	1.5	
Issues/bands	19 candidate bands	A (lower edge)	B (BS-IMT)	C (ARNS-IMT)	D (SAB/SAP)	-	-	-	-	-	-	-	
Draft Methods	A	x Options	A	B1	C1	D1	A	A1	A	A1	One	A1	A
	B-ToA			B2	C2	D2	B	A2	B	A2		A2	B
	B-FN			B3	C3	D3		A3	C	B		B	
	C (Id)			B4	C4			A4				C1	
					C5				B				C2
				C6									

Draft CPM Chapter	4.1										1.7	1.8	1.9
Agenda items	1.6 (uplink (↑) or downlink (↓) examined* bands (in GHz) in Regions 1 (1), 2&3 (2,3) or all Regions (all))									-	-	1.9.1	
Issues/bands	10-10.5	13.25-13.4	13.4-13.75	14.5-14.8	14.8-15.35	15.35-15.4	15.4-15.7	15.7-16.6	16.6-17	-	-	1.9.1	
Draft Methods		↑D1 (2,3)	↑E1 (all)	↑F1 (all)	↑G1 (all)	↑H1 (2,3)	↑I1 (all)	↑J1 (2,3)	↑K1 (2,3)	One	A	A	
			↑E2 (all)	↑F2 (all)	↑G2 (all)						B	B	
	↓AA1 (1)		↓EE1 (1)	↓FF1 (1)	↓GG1 (1)		↓II1 (1)				C	C	
	↓AA2 (1)		↓EE2 (1)	↓FF2 (1)	↓GG2 (1)						D		
										E			

*no methods proposed for examined bands B (i.e. 10.5-10.6 GHz) and C (i.e. 10.6-10.68 GHz).

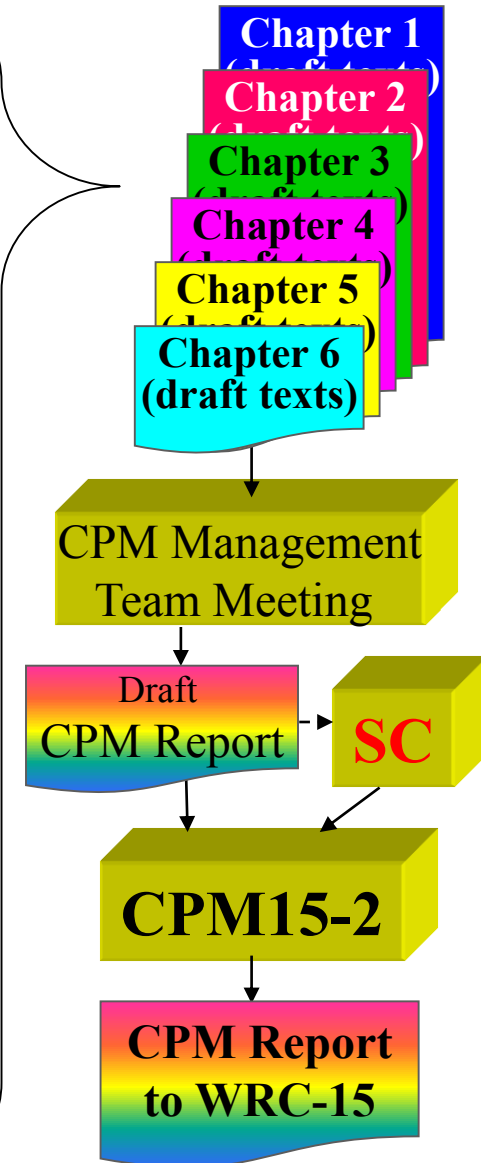
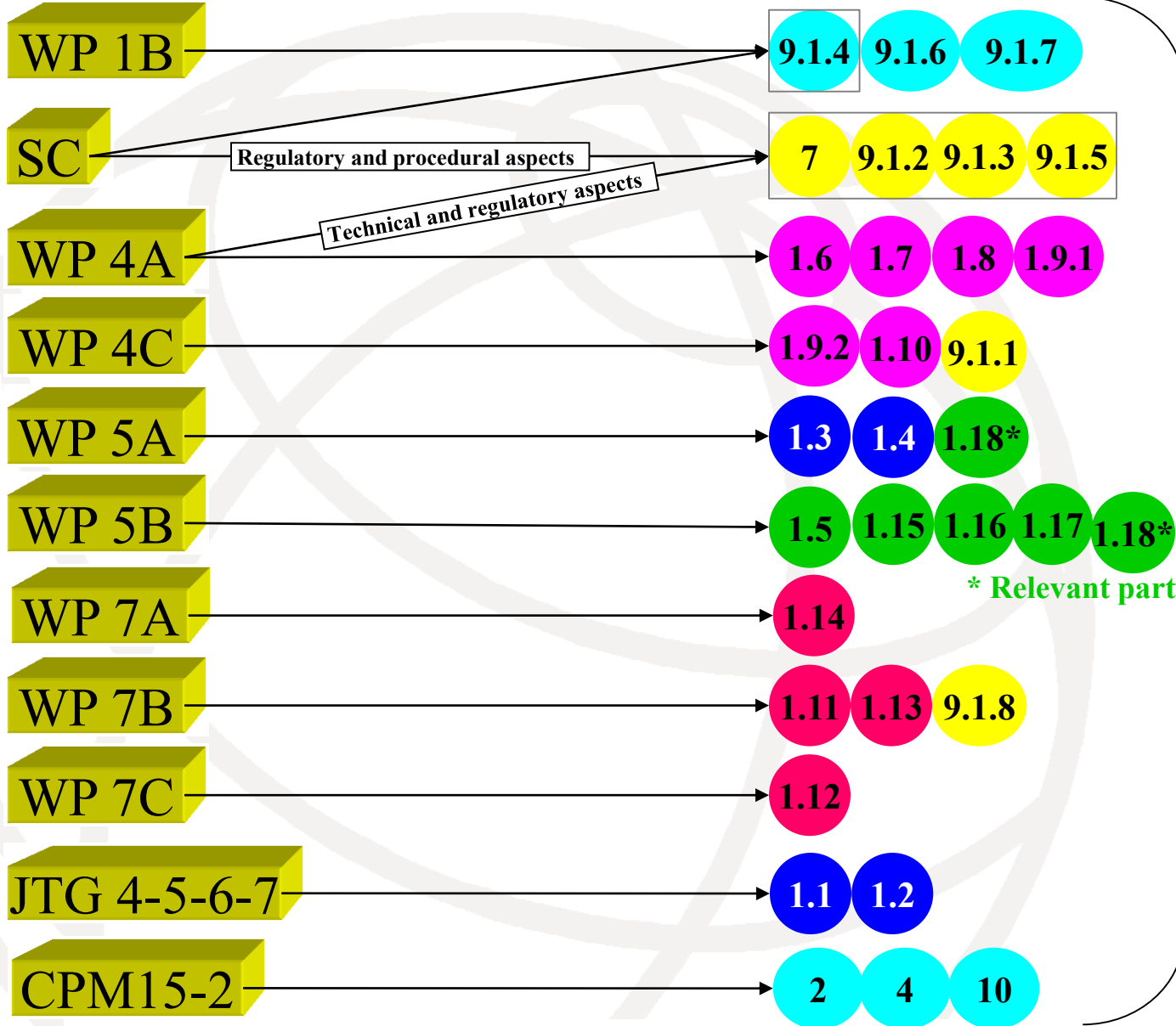
Situation after August 2014

Draft CPM Chapter	3				4.2		5							
Agenda items	1.15	1.16			1.17	1.18	1.9	1.10	7					
Issues	-	A (ASM)	B (VDES)	C (sat.)	D (reg.)	-	-	1.9.2	-	A (Susp.)	B (BiU)	C (API)	D (elec.)	E (failure)
Draft Methods	One	A1	B1	C1	D	A	A	A	A	A1	B1	C1	One	E1
		A2	B2	C2		B	B	B	B	A2	B2	C2		E2
									C1		B3	C3		E3
									C2			C4		
												C5		

Summary of CPM Report Preparation

Responsible ITU-R Groups

WRC-15 (agenda items, incl. issues under AI 9.1)



Special Committee on Regulatory/Procedural matters

(see [Res. ITU-R 38-4](#), Web page at: www.itu.int/ITU-R/go/rsc)

Geneva, ITU HQ, **1 – 5 December 2014**

(see CACE/680 at: www.itu.int/md/R00-CACE-CIR-0680)

⇒ **Should prepare a Report to CPM15-2 based on:**

- ✓ **Contributions from ITU-R membership**
- ✓ **Results of the SC Working Party studies**
(see Executive Report of the SC-WP meetings in [Doc. SC/8](#))
- ✓ **Liaison Statements from other WPs** (Doc. SC/ [1](#), [3](#), [4](#), [6](#), [7](#), [9](#), [11](#), [12](#), on agenda items 7, 9.1 (issue 9.1.4) and 9.2, [...])
- ✓ **Extracts from the draft CPM Report** ([Doc. SC/10](#)), incl.:
 - **Sections on Methods to satisfy the agenda items**
(mainly for information purpose)
 - **Sections on Regulatory & procedural considerations**

Second session of the CPM for WRC-15

(see [Res. ITU-R 2-6](#), Web page at: www.itu.int/ITU-R/go/rcpm)

Geneva, CICG & ITU HQ, 23 March – 2 April 2015

(see CA/216 at: www.itu.int/md/R00-CA-CIR-0216)

- ⇒ **Prepare consolidated CPM Report to WRC-15**, using:
 - ✓ **the draft CPM Report** (available in [Doc. CPM15-2/1](#), now in English & 2 months before CPM15-2 in other languages)
 - ✓ **the Report of the Special Committee**
 - ✓ **Contributions from ITU-R membership**
(deadline for submission on 9 March 2015)
 - ✓ **BR Director's reports on agenda items 2 and 4**
- ⇒ **Consider preliminary draft of BR Director's Report to WRC-15**
- ⇒ **Meeting structure should be based on the draft CPM Report structure**

Final deadlines for reception of contributions by the BR:

- For the SC: **24 November 2014, 1600 hours UTC**
(one week before the meeting, see also [CACE/680](#))
Submission by Email to: rsc@itu.int
- For CPM15-2: **9 March 2015, 1600 hours UTC**
(two weeks before the meeting, see also [CA/216](#))
Submission asap by Email to: cpm15-2@itu.int

Main Reference/Source documents:

- For the SC: **Extract from the Draft CPM Report** ([Doc. SC/10](#))
- For CPM15-2: **Draft CPM Report** ([Doc. CPM15-2/1](#))

Guidelines for the preparation of contributions:

- To the SC: On-line on the [SC web page](#)
- To CPM15-2: On-line on the [CPM web page](#)

See also: Resolution ITU-R 2-6 (www.itu.int/pub/R-RES-R.2-6-2012)

Resolution ITU-R 38-4 (www.itu.int/pub/R-RES-R.38-4-2012)

and the results of CPM15-1 in [CA/201 & its Addendum 1](#)



- **Mandatory use of the 2012 Edition of the Radio Regulations** (at: www.itu.int/publ/R-REG-RR-2012)

- **Mandatory use of the Draft CPM Report to WRC-15 or of its Extracts to the Special Committee**
and of the ITU-R Templates:
 - for the SC at: www.itu.int/oth/R0A0E00008E
 - for CPM15-2 at: www.itu.int/oth/R0A0A000008

- **Additional guidelines and examples on how to use**
 - **revision marks with track changes and**
 - **highlights changes in Turquoise**

One example of modifications of the Draft CPM Report

3°230-5°003-kHz

Allocation-to-services		
Region-1	Region-2	Region-3
4°063-4°438 271 → → → → →	MARITIME MOBILE-5.79A-5.109-5.110-5.130-5.131-5.132 5.128-5.129	
4°063271-4°438 → → → → →	MARITIME MOBILE-5.79A-5.109-5.110-5.130-5.131-5.132 FIXED MOBILE except aeronautical mobile (R) 5.128-5.129 ADD-5.MMI	

Creating another row: Turn-off track-changes, copy the original row from the Radio Regulations (bands 4-063-4-438), turn-on track-changes, make modifications (deletions and additions) and highlight results.

Adding or deleting further: Turn-on track-changes, add text (should then appear as underlined) or delete text (should then appear as strikethrough) and highlight result.

Original text revised

MOD

3°230-5°003-kHz

Allocation-to-services		
Region-1	Region-2	Region-3
4°063-4°438 271 → → → → →	MARITIME MOBILE-5.79A-5.109-5.110-5.130-5.131-5.132 5.128-5.129	
4°063 271 -4°438 351 → → → → →	MARITIME MOBILE-5.79A-5.109-5.110-5.130-5.131-5.132 FIXED MOBILE except aeronautical mobile (R) 5.128-5.129 ADD-5.MMI	
4°063 351 -4°438 → → → → →	MARITIME MOBILE-5.79A-5.109-5.110-5.130-5.131-5.132 MOBILE except aeronautical mobile (R) 5.128-5.129 ADD-5.MMI	

Another example of modifications of the Draft CPM Report

Original text

Deleting proposed new text:
Turn on track changes, delete the text (should then appear as **underlined and strikethrough**) and **highlight result.**

Original text revised

Reinstating text proposed to be deleted:
Turn on track changes, reject revision mark to the text (should then appear as **clean text**) and **highlight result.**

Adding or deleting further:
Turn on track changes, add text (should then appear as **underlined**) or delete text (should then appear as **strikethrough**) and **highlight result.**

MOD

5.543A In Bhutan, Cameroon, Korea (Rep. of), the Russian Federation, India, Indonesia, Iran (Islamic Republic of), Japan, Kazakhstan, Lesotho, Malaysia, Maldives, Mongolia, Myanmar, Uzbekistan, Pakistan, the Philippines, Kyrgyzstan, the Dem. People's Rep. of Korea, Sri Lanka, Thailand and Viet Nam, the allocation to the fixed service in the band 31-31.3 GHz may also be used by systems using high altitude platform stations (HAPS) in the ground-to-HAPS direction (HAPS). The use of the band 31-31.3 GHz by systems using HAPS is limited to the territory of the countries listed above and shall not cause harmful interference to, nor claim protection from, other types of fixed-service systems in the broadcasting service, systems in the mobile service and systems operated under No. 5.545. Furthermore, the development of these services shall not be constrained by HAPS. Systems using HAPS in the band 31-31.3 GHz shall not cause harmful interference to the radio astronomy service having a primary allocation in the band 31.3-31.8 GHz, taking into account the protection criterion as given in Recommendation ITU-R RA.769. In order to ensure the protection of satellite passive services, the level of unwanted power density into a HAPS ground station antenna in the band 31.3-31.8 GHz shall be limited to -106 dB(W/MHz) under clear-sky conditions, and may be increased up to -100 dB(W/MHz) under rainy conditions to mitigate fading due to rain, provided the effective impact on the passive satellite does not exceed the impact under clear-sky conditions. See Resolution 145 (Rev.WRC-07). (WRC-07)

MOD

5.543A In Bhutan, Cameroon, Korea (Rep. of), the Russian Federation, India, Indonesia, Iran (Islamic Republic of), Japan, Kazakhstan, Lesotho, Malaysia, Maldives, Mongolia, Myanmar, Uzbekistan, Pakistan, the Philippines, Kyrgyzstan, the Dem. People's Rep. of Korea, Sri Lanka, Thailand and Viet Nam, the allocation to the fixed service in the band 31-31.3 GHz may also be used by systems using high altitude platform stations ~~(HAPS)~~ in the ground-to-HAPS direction ~~(HAPS)~~. The use of the band 31-31.3 GHz by systems using HAPS is limited to the territory of the countries listed above and shall not cause harmful interference to, nor claim protection from, other types of fixed-service systems, systems in the mobile service and systems operated under No. 5.545. ~~Furthermore, the development of these services shall not be constrained by HAPS. Systems using HAPS in the band 31-31.3 GHz shall not cause harmful interference to the radio astronomy service having a primary allocation in the band 31.3-31.8 GHz, taking into account the protection criterion as given in Recommendation ITU-R RA.769. In order to ensure the protection of satellite passive services, the level of unwanted power density into a HAPS ground station antenna in the band 31.3-31.8 GHz shall be limited to -106 dB(W/MHz) under clear sky conditions, and may be increased up to -100 dB(W/MHz) under rainy conditions to mitigate fading due to rain, provided the effective impact on the passive satellite does not exceed the impact under clear sky conditions. See Resolution 145 (Rev.WRC-07).~~ (WRC-07)

Conference Preparatory Meeting (CPM)

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In accordance with Resolution ITU-R 2-6, the CPM shall prepare a consolidated Report on the ITU-R preparatory studies and possible solutions to the WRC agenda items, to be used in support of the work of World Radiocommunication Conferences. [More >](#)

SECOND SESSION: CPM15-2

- ▶ Monday 15-03-23 to Thursday 15-04-02
- ▶ Place : **Switzerland, Geneva**
- ▶ Status : **Confirmed** - Add to Calendar
- ▶ Invitation
- ▶ List of Registered Participants [TIES](#)
- ▶ Registration
- ▶ CPM meetings Sharepoint site [TIES](#)
- ▶ Contributions submission: cpm15-2@itu.int
- ▶ Meeting sessions
- ▶ Captioning [TIES](#) **New**
- ▶ Webcast [TIES](#)

CPM15-2 DOCUMENTS

- ▶ Contributions "as received" [TIES](#)
- ▶ Contributions [TIES](#) - Template [W](#)
- ▶ Guidelines for the Preparation of Contributions
English only
- ▶ Draft CPM Report
- ▶ Administrative Documents (ADM) [TIES](#)
- ▶ Information Documents (INFO) [TIES](#)
- ▶ Temporary Documents (DT)
- ▶ Informal documents on Sharepoint [TIES](#)
- ▶ **Sync Application - For PC - For Mac - User Guide**
- ▶ Administrative Circulars (CA)
- ▶ Administrative Circulars (CACE)
- ▶ Poster
- ▶ CPM - Archives



References Related ITU-R Texts Circulars

- ▶ WRC-15 Agenda and Relevant Resolutions
- ▶ Working methods (Resolution ITU-R 1)
- ▶ Guidelines for the working methods
- ▶ Conference Preparatory Meeting (Resolution ITU-R 2)
- ▶ Structure of Radiocommunication Study Groups (Resolution ITU-R 4)
- ▶ Special Committee on regulatory/ procedural matters (Resolution ITU-R 38)

Preparation of common & coordinated proposals (Res. 72 (Rev. WRC-07))



Asia Pacific Telecommunity

- APG15-3, 9-13 June 2014, Brisbane, Australia
- APG15-4, 9-14 February 2015, Bangkok, Thailand



Arab Spectrum Management Group

- 2nd meeting, 19-23 May 2014, Dubai, UAE
- 3rd meeting, Q1-2015



African Telecommunications Union

- AfriSWoG-2, 26-29 August 2014, Nairobi, Kenya
- APM15-3, 26-30 January 2015, Abuja, Nigeria



European Conference of Postal and Telecommunications Administrations

- CPG15-5, 23-26 September 2014, Marseille, France
- CPG15-6, 3-6 February 2015, Malta



CITEL

- XXIV PCC.II, 29 Sep. – 3 Oct. 2014, Merida City, Mexico
- XXV PCC.II, 23-27 February 2015, Medellin, Colombia

Inter-American Telecommunication Commission



Regional Commonwealth in the field of Communications

- WG 4th meeting, 14 - 16 April 2014, Minsk, Belarus
- COM 4th meeting, 17 - 18 April 2014, Minsk, Belarus
- 5th meeting, November 2014

World Radiocommunicat

International Telecommunication Union



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World Radiocommunication Conference 2015 (WRC-15)

Agenda and Relevant Resolutions

World radiocommunication conferences (WRC) are held every necessary, revise the Radio Regulations, the international treat the geostationary-satellite and non-geostationary-satellite orbits determined by the ITU Council, which takes into account recom conferences.

The World Radiocommunication Conference 2015 (WRC-15) November 2015.

PREPARATORY PROCESS

- ▶ Conference Preparatory Meeting (CPM)
- ▶ ITU Inter-regional Workshops on WRC-15 Preparation - 2r
- ▶ Regional preparation for WRC-15



World Radiocommunication Conference 2015 (WRC-15) Agenda and Relevant Resolutions



nd Relevant Resolutions



3

mmunication Conference 2012

ication Assembly 2012 (RA-12)

ITU Inter-regional Workshops on WRC-15 Preparation



[Webpage](#)

- Scheduled halfway through the preparatory cycle
 - ⇒ Presentation and review of the on-going preparatory studies of the ITU-R responsible groups for CPM-15
 - ⇒ Presentation of the preliminary views, draft priorities and positions of the regional groups
 - ⇒ **Online** archives of video presentations **and** documents



[Webpage](#)

- Scheduled few months prior to CPM15-2
 - ⇒ Presentation of the Draft CPM Report to WRC-15 (explanation of the draft Methods to satisfy the WRC-15 Agenda items)
 - ⇒ Presentation and review of the regional groups' draft views, positions and common proposals

**[3rd
Meeting,
1st Week of
Sep. 2015]***

- To be scheduled few months prior to WRC-15
 - ⇒ Presentation of the CPM & Dir. Reports to WRC-15
 - ⇒ Presentation and review of the regional groups' draft views, positions and common proposals

* see the ITU-R Meetings schedule at www.itu.int/en/events/Pages/Calendar-Events.aspx?sector=ITU-R

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ITU-R Study Groups:

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ITU-R Conference Preparatory Meeting

www.itu.int/ITU-R/go/rcpm

Email: rcpm@itu.int

Second Session of CPM-15 in Geneva from 23 March to 2 April 2015

(see details at: <http://www.itu.int/online/compass/cvc.v2.sh?topic=CPM>)

Chairman

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<u>Chapters of CPM Report</u>	<u>WRC-15 Agenda items</u> (incl. issues under AI 9.1)
1. Mobile and Amateur issues	1.1, 1.2, 1.3, 1.4
2. Science issues	1.11, 1.12, 1.13, 1.14
3. Aeronautical, Maritime and Radiolocation issues	1.5, 1.15, 1.16, 1.17, 1.18
4. Satellite services	
4.1 Fixed-satellite service	1.6, 1.7, 1.8, 1.9.1
4.2 Mobile-satellite service	1.9.2, 1.10
5. Satellite regulatory issues	7, 9.1.1*, 9.1.2*, 9.1.3*, 9.1.5*, 9.1.8*, 9.3
6. General issues	2, 4, 9.1.4*, 9.1.6*, 9.1.7*, 10 * Issues under AI 9.1

(see details at <http://www.itu.int/ITU-R/go/rcpm-chp-rapporteurs>)

<u>Chapters</u>	<u>Rapporteurs</u>
<p>1. Mobile and Amateur issues</p> <p>- Agenda items 1.1 and 1.2</p> <p>- Agenda items 1.3 and 1.4</p>	<p>Ms C. COOK (CAN), Cindy.Cook@ic.gc.ca</p> <p>Mr Ch. GLASS (USA), cglass@ntia.doc.gov</p>
<p>2. Science issues</p>	<p>Mr A. VASSILIEV (RUS), alexandre.vassiliev@ties.itu.int</p>
<p>3. Aeronautical, Maritime and Radiolocation issues</p>	<p>Mr M. WEBER (D), martin.weber@bnetza.de</p>
<p>4. Satellite services</p> <p>4.1- Fixed-satellite service</p> <p>4.2- Mobile-satellite service</p>	<p>Mr X. GAO (CHN), gaoxiaoyang@chinasatcom.com</p> <p>Mr M.A. NAZARI (IRN), a.nazari@cra.ir</p>
<p>5. Satellite regulatory issues</p>	<p>Mr K. AL-AWADHI (UAE), khalid.alawadi@tra.gov.ae</p>
<p>6. General issues</p>	<p>Mr P.N. NGIGE (KEN), ngige@cck.go.ke</p>

Radio Regulations 2012 Edition

Radio Regulations
Edition of 2012

<http://www.itu.int/pub/R-REG->



The Radio Regulations, Edition of 2012, contains the complete texts of the Radio Regulations as adopted by the World Radiocommunication Conference (Geneva, 1995) (WRC-95) subsequently revised and approved by the World Radiocommunication Conference (Geneva, 1997) (WRC-97), the World Radiocommunication Conference (Istanbul, 2000) (WRC-2000), the World Radiocommunication Conference (Geneva, 2003) (WRC-03), the World Radiocommunication Conference (Geneva, 2007) (WRC-07) and the World Radiocommunication Conference (Geneva, 2012) (WRC-12), including all Appendices, Resolutions, Recommendations and ITU-R Recommendations incorporated by reference.



Available: end-November 2012. (Online versions in all 6 languages are free of charge --at least through mid-2014--as per ITU Council 2012's decision)



	ITEM DETAIL	ARTICLE	PRICE	CART
MULTILINGUAL	DVD including all 4 volumes, in all six official languages of ITU	37268	398 CHF	ADD
ENGLISH	Zipped PDF format		Free of charge	DOWNLOAD
	Zipped MS Word format		Free of charge	DOWNLOAD
	A5 Paper (hard-copy complete set)	37262	398 CHF	ADD
ARABIC			Free of charge	DOWNLOAD

Abbreviations	Radio services	RR definition
AMS	aeronautical mobile service	No. 1.32
AM(R)S	aeronautical mobile (route) service	No. 1.33
AMSS	aeronautical mobile-satellite service	No. 1.35
AMS(R)S	aeronautical mobile-satellite (route) service	No. 1.36
ARNS	aeronautical radionavigation service	No. 1.46
ARNSS	aeronautical radionavigation-satellite service	No. 1.47
ARS	amateur service	No. 1.56
ARSS	amateur-satellite service	No. 1.57
BS	broadcasting service	No. 1.38
BSS	broadcasting-satellite service	No. 1.39
EESS	Earth exploration-satellite service	No. 1.51
FS	fixed service	No. 1.20
FSS	fixed-satellite service	No. 1.21
ISS	inter-satellite service	No. 1.22
LMS	land mobile service	No. 1.26
LMSS	land mobile-satellite service	No. 1.27
MetAids	meteorological aids service	No. 1.50
MetSat	meteorological-satellite service	No. 1.52

Abbreviations	Radio services	RR definition
MMS	maritime mobile service	No. 1.28
MMSS	maritime mobile-satellite service	No. 1.29
MRNS	maritime radionavigation service	No. 1.44
MRNSS	maritime radionavigation-satellite service	No. 1.45
MS	mobile service	No. 1.24
MSS	mobile-satellite service	No. 1.25
RAS	radio astronomy service	No. 1.58
RDS	radiodetermination service	No. 1.40
RDSS	radiodetermination-satellite service	No. 1.41
RLS	radiolocation service	No. 1.48
RLSS	radiolocation-satellite service	No. 1.49
RNS	radionavigation service	No. 1.42
RNSS	radionavigation-satellite service	No. 1.43
SOS	space operation service	No. 1.23
SFTSS	standard frequency and time signal service	No. 1.53
SFTSSS	standard frequency and time signal-satellite service	No. 1.53
SRS	space research service	No. 1.55