



ASIA-PACIFIC TELECOMMUNITY

**1st Meeting of SATRC Working Group on Spectrum in
SAP-IV**

10 – 11 October 2012, Dhaka, Bangladesh

Document

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APT Secretariat

**OUTCOMES OF THE 13TH SATRC MEETING AND SATRC ACTION
PLAN PHASE IV**

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OUTCOMES OF SATRC-13 MEETING AND SATRC ACTION PLAN PHASE III



ASIA PACIFIC TELECOMMUNITY



SAPIV: 1ST MEETING OF THE SATRC WORKING GROUP ON SPECTRUM
10 – 11 OCTOBER 2012, DHAKA, BANGLADESH

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The SATRC



- South Asian Telecommunication Regulator's Council (SATRC) was formed in 1997
- SATRC is responsible for discussing and coordinating all the issues related to regulations in telecommunication and ICT
- Issues such as radiofrequency coordination, standards, regulatory trends and international affairs which are of common interest to the telecommunication regulators in South Asian countries.

The SATRC



The SATRC



- The SATRC meetings are being held annually to address common concerns and issues of importance
- Represented by the Head of Regulatory Bodies of each of the member countries
- At present, Chairman of Nepal Telecommunication Authority holds the chairmanship of SATRC
- Chief Executive Officer of Communication Authority of Maldives holds the vice-chairmanship of SATRC

SATRC Action Plan (SAP)



- The SATRC Action Plan (SAP) aims to address the regulatory issues and challenges of common concern to its members
- The concept of developing SAP was initiated in 2005 from the fact that the key issues can be addressed in a more focused and concentrated manner by adoption of action plan
- The SAP provides a common charter to SATRC members for delivering the synergy of collaborative wisdom and action

SATRC Action Plan (SAP)



- For financing the implementation of the various activities and projects under SAP, a core fund was created from the extra-budgetary contributions made by the SATRC members
- Until now SATRC has successfully implemented two phases of SAP in the period of 2005 - 2009

SATRC Action Plan (SAP)



- **SAP Phase I :**
 - was adopted for the period 2005 – 2007 by the 5th SATRC in Kathmandu, Nepal
 - Core budget was US\$ 86,200
 - Issues covered:
 - ✦ Grey Market in International Long Distance Services
 - ✦ ENUM
 - ✦ Intelligent Network Services
 - ✦ Licensing for Convergence
 - ✦ Regulatory Developments
 - ✦ Improving Networking Connectivity within the Region

SATRC Action Plan (SAP)



- **SAP Phase II:**
 - was adopted for the period 2008 – 2009 at the 9th SATRC Meeting in Dhaka, Bangladesh
 - core budget was US\$ 141,000
 - Issues covered:
 - ✦ Regulatory aspect of NGN including interconnection
 - ✦ Billing and tariff for IP based services
 - ✦ VoIP regulation
 - ✦ Spectrum allocation and pricing
 - ✦ Regional network connectivity
 - ✦ Interconnection and roaming in the region

SATRC Action Plan (SAP)



- **SAP Phase III:**
 - was adopted for the period 2008 – 2009 at the 9th SATRC Meeting in Dhaka, Bangladesh
 - core budget was US\$ 164,000
 - A new approach was taken to accelerate the work
 - Adopted a new structure of three working groups
 - ✦ Working Group on Policy and Regulation
 - ✦ Working Group on Spectrum
 - ✦ Working Group on Network and Services
 - Each working group involved at least one expert from each of the member

SATRC Action Plan (SAP)



- **SAP Phase III:**
 - Working groups started to have one physical meeting per year
 - One workshop for each working group over the duration of Action Plan Phase.
 - Each of the working group was assigned with a number of Work Items
 - Issues Covered:
 - ✦ WG Policy & Regulation: Green Technologies, Facilitation of Broadband in SATRC Countries, Cybersecurity and VoIP Issues
 - ✦ WG Spectrum: Spectrum Pricing, Challenges of Future Technologies, Spectrum Sharing, Cross Border Coordination
 - ✦ WG Network & Services: Quality Mobile Handsets, NGN Evolution, QoS Sensitive Pricing in IP based network and Mobile Roaming in SATRC countries

SATRC Action Plan (SAP)



- **SAP Phase III:**
 - A total of 12 SATRC Reports were developed as the outcomes of SATRC Action Plan Phase III
 - Those Reports include several recommendations and suggested expert's approaches on the specific issues for the SATRC member regulators
 - Outcomes are available on website for free

Outcomes of the 13th SATRC Meeting



- The 13th SATRC Meeting was held from 18 – 20 April 2012 in Kathmandu, Nepal
- The meeting was attended by 55 delegates from the SATRC member countries, APT memberships and ITU
- Nine SATRC member countries attended the meeting headed by the Heads of regulatory bodies/ senior officials of the respective countries
- The objectives of the meeting were to adopt the outcomes of Action Plan Phase III, adopt Action Plan Phase IV and to decide the implementation of time table of the Action Plan Phase IV

Outcomes of the 13th SATRC Meeting

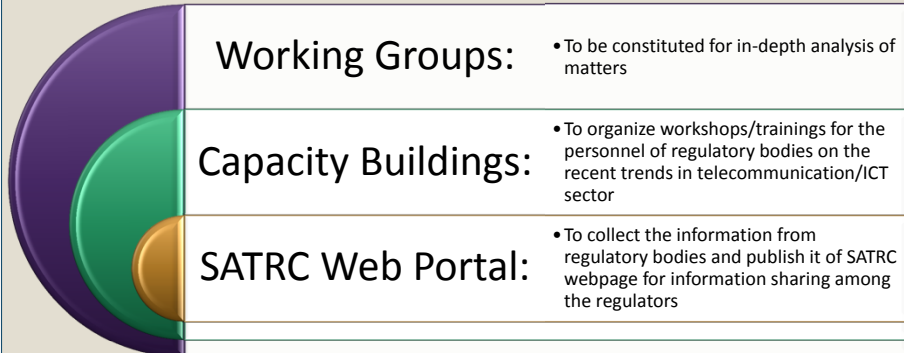


- The meeting considered the final reports of the SATRC working groups under Action Plan Phase III and adopted the outcomes
- The meeting adopted the SATRC Action Plan Phase IV for year 2012– 2014
- The meeting developed implementation calendar of 2012 for the Action Plan Phase IV
- Meeting also appointed vice-chairman of SATRC which is new in SATRC structure
- Besides the regular activities Industry - Regulator dialogue was also held

SATRC Action Plan Phase IV



- The SAP Phase IV has three basic components



SATRC Action Plan Phase IV



- **Number of permanent WGs were reduced to two:**
 - **Working Group on Policy, Regulation and Services:** to deal with the issues related to policy, regulation and different aspects of telecommunication services. Previous WG on Policy and Regulation and Network and Services are merged
 - **Working Group on Spectrum:** to deal with the issues related to spectrum management, monitoring, sharing and coordinated efficient use of spectrum for different service in the region

SATRC Action Plan Phase IV



- **Working Procedure for the Working Groups:**

- Working Group will be chaired by nominee from one of the regulators
- There should be at least one expert from each member regulators in each Working Group
- Regulators may nominate and encourage experts on relevant work from the industry sector of their country
- Each working group will work on a number of work items relevant to the need of the SATRC region
- Work items will be proposed by the regulators, working group experts and SATRC consultant considering the needs of the regulators and the industry
- For each work item a time frame will be maintained in order to deliver the output in a periodic manner

SATRC Action Plan Phase IV



- Working group will have one physical meeting in a year. Beside physical meetings working group should conduct online activities through email reflector. The venue of the working group will be decided based on the invitation of the member regulators and APT Secretariat.
- For attending the working group meeting one fellowship per administration will be granted
- Working group will decide the scopes of work of each working items
- The output of each work items could be a SATRC Recommendation or Report or Guideline or Opinion as decided by the working groups
- All the outputs of the working groups must have to be approved by the next immediate meeting of the SATRC

SATRC Action Plan Phase IV: WG on Spectrum



- WG on Spectrum is chaired by Islamic Republic of Iran.
- Assigned total five Work Items to the WG Spectrum:
 - Harmonized Use of 700 MHz Digital Dividend Band in SATRC Countries
 - Study of Regional Requirements and Availability of Spectrum for Mobile Broadband
 - Market Based Methods of Spectrum Allocation in SATRC Countries
 - Cross Border Coordination (Carried forward from Action Plan Phase III)
 - Sharing Information on the Use of Frequency in SATRC Countries
- Total number of nominated experts from 9 SATRC countries: 14

SATRC Events in 2012/2013



- **The 13st Meeting of SATRC:** 18 – 20 April 2012, Dhaka, Bangladesh
- **The 1st Meeting of SATRC WG on Spectrum:** 10 – 11 October 2012, Dhaka, Bangladesh
- **The 1st Meeting of SATRC WG on Policy, Regulation and Services:** 22 – 23 October 2012, Tehran, Islamic Republic of Iran
- **SATRC Workshop on Spectrum:** 18 – 20 December 2012, New Delhi, India
- **The 14th SATRC Meeting:** April 2013, Maldives

Conclusions



- The SATRC is a unique sub regional program in APT. SATRC member countries are continuously putting efforts for making it a regional platform for the telecommunication regulators from South Asian countries
- Member countries are providing extra budgetary contributions voluntarily for the implementation of SATRC Action Plan
- In future, SATRC would take more initiatives from creating close cooperation among the member countries



If you have any query please email us at aptsatrc@apt.int

THANK YOU!

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