



ASIA-PACIFIC TELECOMMUNITY

The First Meeting of the SATRC Working Group on Spectrum

07 – 08 July 2010, Tehran, Islamic Republic of Iran

OUTCOMES OF THE 11TH SATRC MEETING AND SATRC ACTION PLAN PHASE III

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SATRC ACTION PLAN PHASE III AND OUTCOMES OF SATRC-11 MEETING



ASIA PACIFIC TELECOMMUNITY



FIRST MEETING OF THE SATRC WORKING GROUP ON SPECTRUM
07 – 08 JULY 2010, TEHRAN, ISLAMIC REPUBLIC OF IRAN

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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, Director General of Telecommunication Regulatory Commission of Sri Lanka holds the chairmanship of SATRC

Outcomes of the 11th SATRC Meeting



- The 11th SATRC Meeting was held from 24 – 26 November 2009 in Colombo, Sri Lanka
- The meeting was attended by 65 delegates from the SATRC member countries, APT memberships and ITU
- Nine SATRC member countries attended the meeting headed by the Heads of regulatory bodies of the respective countries
- The objectives of the meeting were to finalize the works of the SATRC Action Plan Phase II, adopt Action Plan Phase III and to decide the implementation of time table of the Action Plan Phase III

Outcomes of the 11th SATRC Meeting



- The meeting considered the final reports of the SATRC working groups under Action Plan Phase II
- The meeting adopted the SATRC Action Plan Phase III for year 2010 – 2011
- A new working structure was approved for implementing the SATRC Action Plan
- The meeting developed implementation calendar of 2010 for the Action Plan Phase III
- Besides the regular activities Industry - Regulator dialogue was also held

SATRC Action Plan Phase III



- The SATRC Action Plan (SAP) aims to addressing 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 Phase III



- For financing the implementation of the various activities and projects under the Action Plan, a core fund was created from the extra-budgetary contributions made by the SATRC members
- The SATRC Action Plan, during the Phase I period 2005 – 2007 delivered the following Working Group Reports, Consultation Papers and Discussion Documents

SATRC Action Plan Phase III: Review of Action Plan Phase I



Working Group Reports:

- Licensing
- Cellular Roaming
- Quality of Service
- USO
- Intelligent Network Services
- Numbering and number portability
- Interconnection
- Spectrum Management

Consultation/Information/Study Papers:

- Information paper on Gray Market in International Long Distance Services
- Technical Status Report on ENUM
- Study report on Intelligent Network Services
- Review papers on key issues of concern for the SATRC Members
- Discussion paper on Asymmetrical Call Charging
- Comprehensive Study Report on Licensing for Convergence
- Discussion paper on Regulatory Developments
- Review Paper on Regulatory Issues concerning IP based services
- Discussion document on Improving Network Connectivity within the region

SATRC Action Plan Phase III: Review of Action Plan Phase II



- SAP II covered the following key areas:

- Regulatory Aspects of NGN including Interconnection
- Billing & Tariffs for IP based services
- VoIP regulation including VoIP termination and interconnection charges, VoIP numbering, access to emergency nos., VoIP billing
- Spectrum Allocation and Pricing
- Regional Network Connectivity
- Regional Interconnection and Roaming

SATRC Action Plan Phase III: The Old Scenario

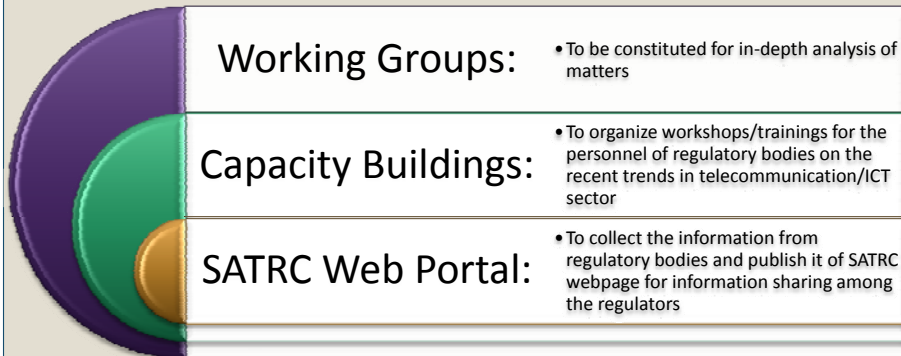


- The SATRC Working Groups are formed based on the issues that are under consideration of SATRC Action Plan.
- For each issue one working group is formed and some of the office bearers were nominated
- It was sometime difficult even to find out office bearers and experts for the working groups due to the unavailability of sufficient experts in the Member Regulators.
- As a result some of the working groups under Action Plan Phase II even could not start work until the 10th SATRC Meeting.

SATRC Action Plan Phase III: Brand New Concept



- The SAP Phase III has three basic components



SATRC Action Plan Phase III: Brand New Concept



- Three permanent WGs are formed:
 - **Working Group on Policy and Regulation:** to deal with the issues related to policy, regulation and development of Telecommunication and ICT sector in the region
 - **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
 - **Working Group on Network and Services:** to deal with the issues related to the network deployment, innovative technologies for networking and different aspect of network services

SATRC Action Plan Phase III: Brand New Concept



- **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 III: Brand New Concept



- 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 III: WG on Spectrum



- WG on Spectrum is chaired by Islamic Republic of Iran.
- Issues assigned to the WG:
 - Pricing in Spectrum Allocation
 - Challenges of future technologies in Spectrum Management
 - Spectrum sharing and trading
 - Cross border coordination for reducing interference
- Total number of nominated experts from 9 SATRC countries: 12

SATRC Events in 2010



- **The 1st Meeting of SATRC WG on Spectrum:** 07 – 08 July 2010, Tehran, Islamic Republic of Iran
- **The 1st Meeting of SATRC WG on Network & Services:** 15 – 16 July 2010, Colombo, Sri Lanka
- **The 1st Meeting of SATRC WG on Policy and Regulation:** 09 – 10 August 2010, New Delhi, India
- **SATRC Workshop on Spectrum Management:** 19-20 August 2010, Kathmandu, Nepal
- **The 12th SATRC Meeting:** 01-03 November 2010, Iran

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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