




3RD GENERATION
PARTNERSHIP
PROJECT 2
"3GPP2"

3GPP2 IP Multimedia Domain

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Overview



3GPP2 Introduction

 Visit www.3gpp2.org for more information

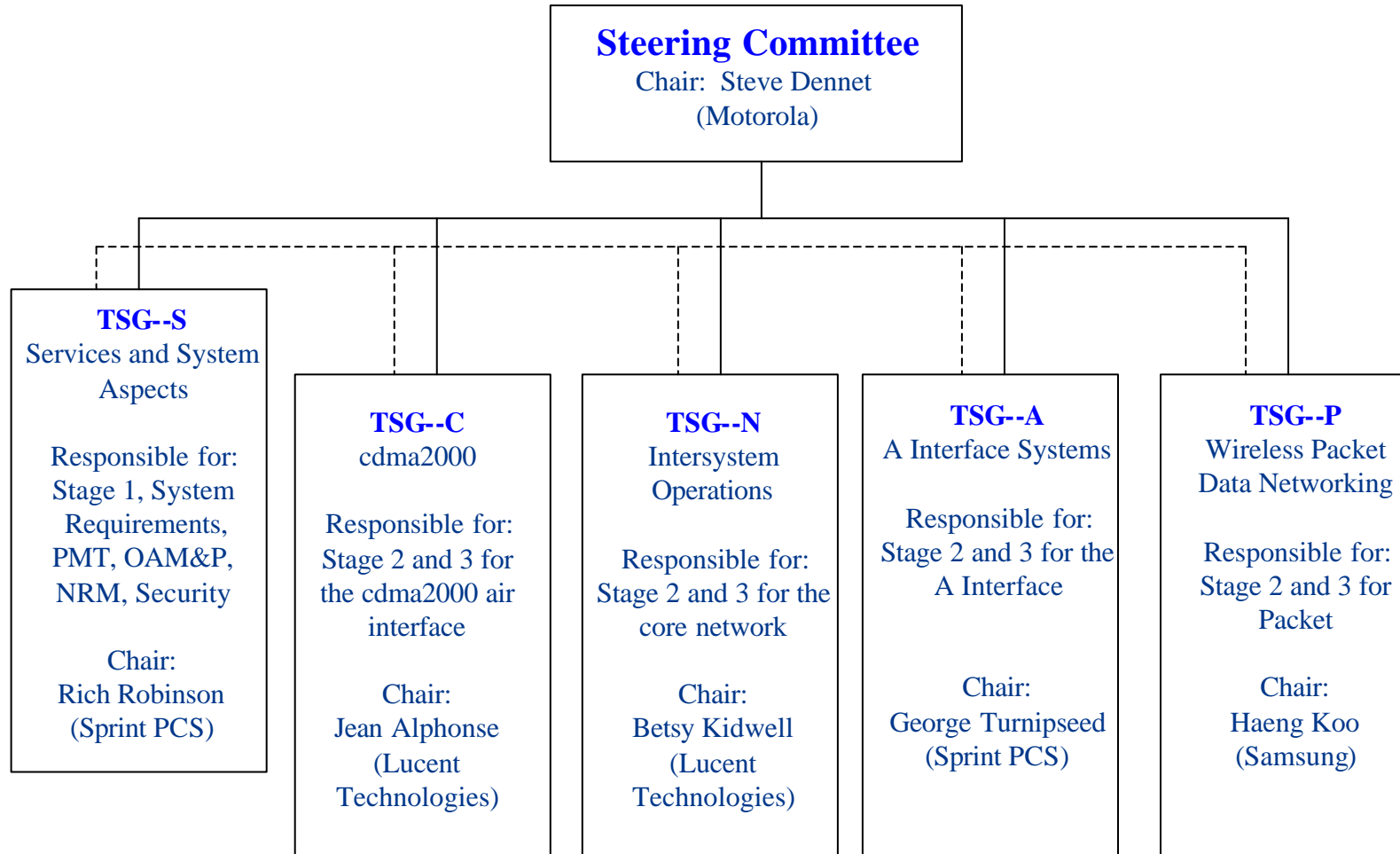
3GPP2 IP Multimedia Domain

Coordination Discussion Points

3GPP2 Structure



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3GPP2: 3rd Generation Partnership Project 2 (NA, Asia)
TSG: Technical Specification Group
PMT: Program Management
NRM: Network Reference Model

— Organizational relationship
- - - - Coordination relationship

3GPP2 Structure



- ✍ **Participating Standards Development Organizations (SDOs)**
 - ✍ ARIB
 - ✍ CWTS
 - ✍ TIA
 - ✍ TTA
 - ✍ TTC
- ✍ **Marketing Representation Partners (MRPs)**
- ✍ **Member Companies**

3GPP2 IP History



- ✍ Work on what has been termed “All IP” began in November 1999**

- ✍ Initial Network Architecture Model (NAM) and high level system requirements complete in December 2000**

- ✍ Latest revision of NAM complete in March 2002**
 - ✍ TSG-S document S.R0037**

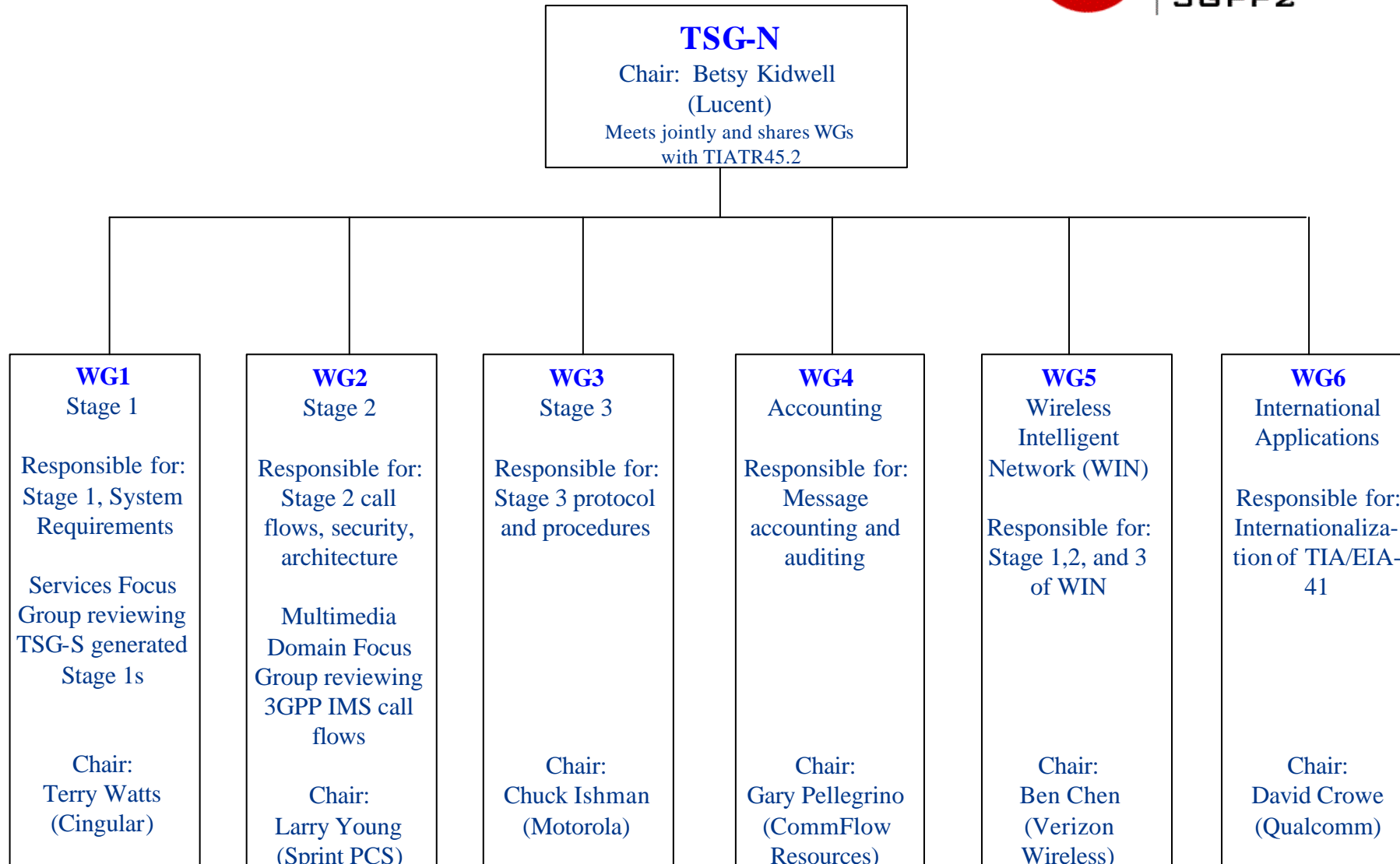
 - ✍ Supports both Legacy MS Domain and IP Multimedia Domain**

 - ✍ Includes “common” Service Architecture for both domains**

TSG-N Structure



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3GPP2 Multimedia Domain



 **Part of Multimedia Domain maps to 3GPP IMS**

 **Supports**

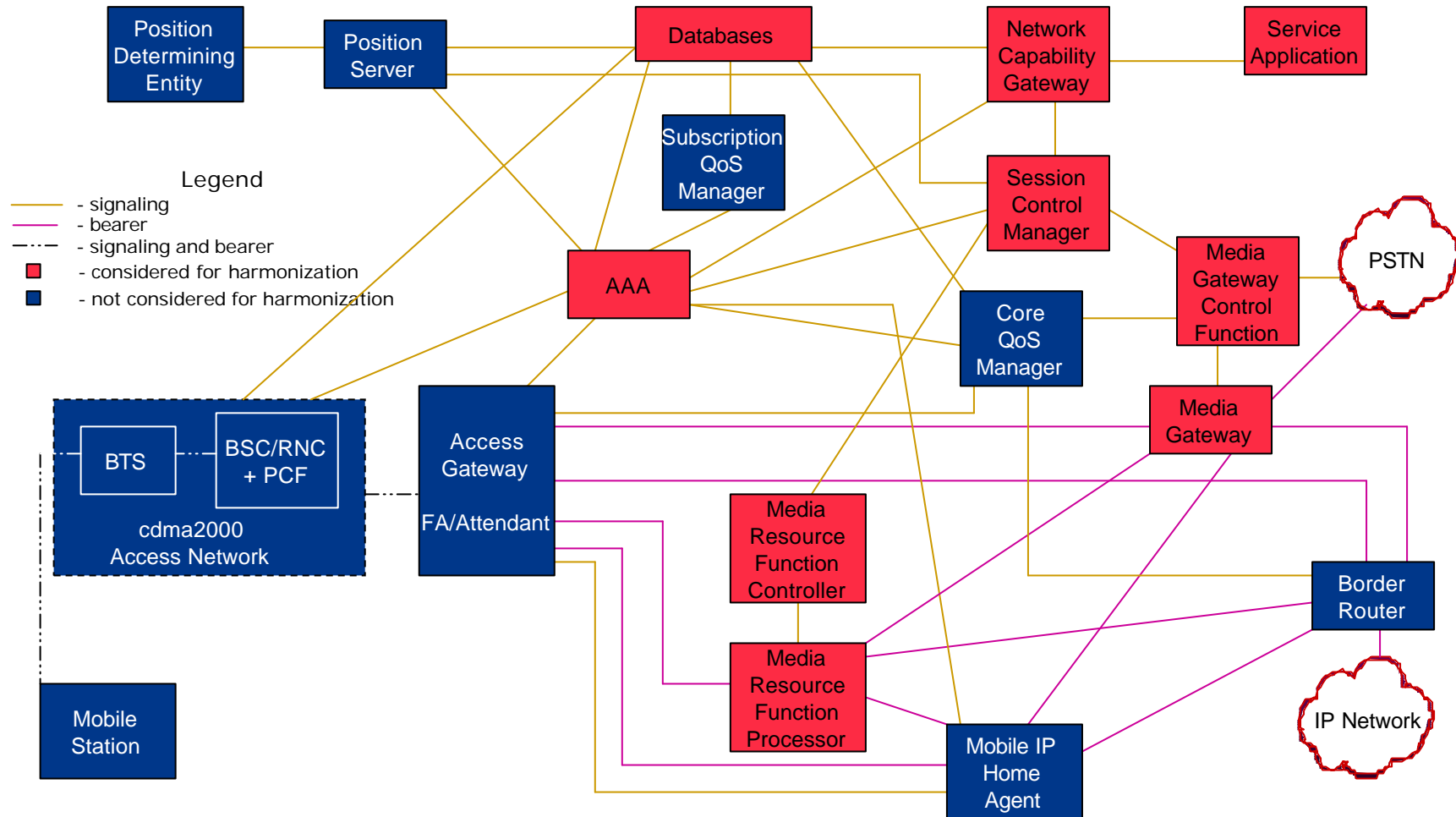
 **SIP Sessions**

 **Packet Data Sessions**

3GPP2 Multimedia Domain



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3GPP2 Multimedia Domain



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✍ Support new multimedia services

✍ Provide end-user transparency for legacy services

✍ As appropriate

✍ Provide new telephony services

✍ Integration of voice and data services

✍ Multimedia services

✍ Provide new IP services

✍ Presence

✍ Instant Messaging

✍ Etc.

3GPP2 Multimedia Domain



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- ✍ Development Objectives:**
 - ✍ Commonality with 3GPP IMS on a transport layer independent core network**
 - ✍ Reliance on Mobile IP**
 - ✍ Reliance on GPRS**
 - ✍ Common service support (e.g., 3GPP, IETF)**
 - ✍ Presence**
 - ✍ Instant Messaging**
 - ✍ Etc.**

Coordination Discussion Points



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✍ Technical Objective

- ✍ Common access independent IMS specification in release 6 timeframe***

✍ How to get there

- ✍ TSG-N is adapting Release 5 IMS specifications for use as a foundation for 3GPP2 IMS***
- ✍ TSG-N has no intent to change 3GPP's release 5 content***
- ✍ TSG-N wants to collaborate starting with release 6 requirements***

Coordination Discussion Points



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✍ Discussion of Collaboration Possibilities

- ✍ Joint meetings***
- ✍ Outsourcing***
- ✍ Document sharing***
- ✍ Liaisons***

✍ Issues to Consider

- ✍ Maintaining commonality over time***
- ✍ Maintaining schedules***
- ✍ Working Procedures***
- ✍ Meeting logistics***