

TSGS#13(01)0525

Beijing, China, 21- 24 September, 2001

SP 010525



3GPP-IETF Status Report

Source: Ileana Leuca, AT&T Wireless Services

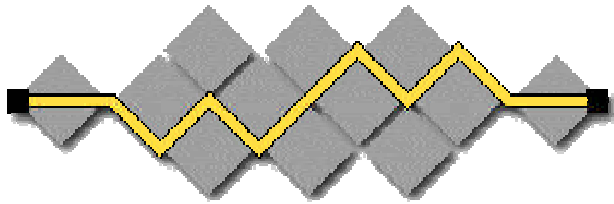
3GPP-IETF Rapporteur

A GLOBAL INITIATIVE

Outline

- **IETF structure**
- **IETF standardization process**
- **3GPP dependencies**
- **Next steps**

A GLOBAL INITIATIVE



I E T F



- **Primary Standards Body for Internet**
- Read more at <http://www.ietf.org/>
- **Many areas - Area Directors**
- **IETF chair – Harald Alvestrand**
- **Internet Engineering Steering Group (IESG)**
- **Different working groups**

A GLOBAL INITIATIVE

IETF Structure

- Areas
 - Transport services (tsv)
 - SIP – protocol and extension specs
 - SIPPING – requirements and usage
 - AVT – real time protocol (RTP, RTCP)
 - ROCH – compression (UDPCOMP)
 - Operations and Management (ops)
 - AAA Diameter protocol
 - Applications (app)
 - SIMPLE – Instant messaging and presence
 - Internet (int)
 - IPNG – IPv6
 - Routing (rtg), Security (sec), User services (usv)

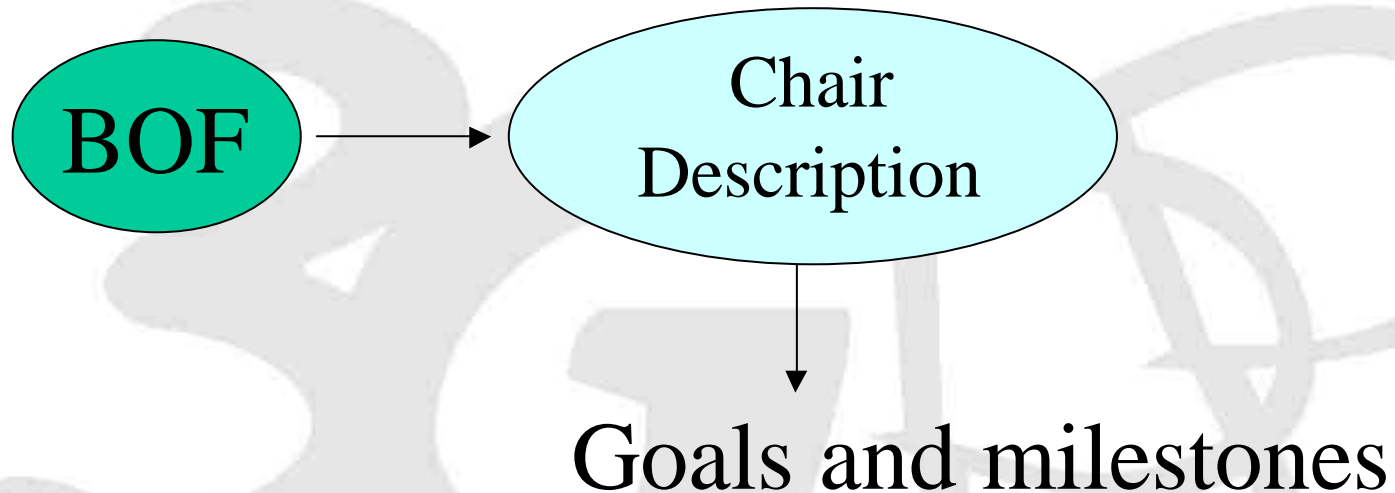
Working Groups

- **Charter**
 - **Narrow focus, published goals and milestones**
 - **Mailing list and chairs**
- **Working style**
 - **Mailing list and meetings**
 - **No formal voting, i.e. rough consensus and running code**

SIP & SIPPING

- **Dividing the “Whys” and the “Hows” from the “Whats”**
- **Requirements for SIP**
- **Requirements for Interaction with Other Protocols**
- **Usage Guidelines**
- **IANA Registrations**
- **Detailed Charter being Negotiated with IESG. Process Started Last November . . .**

Working Group Creation

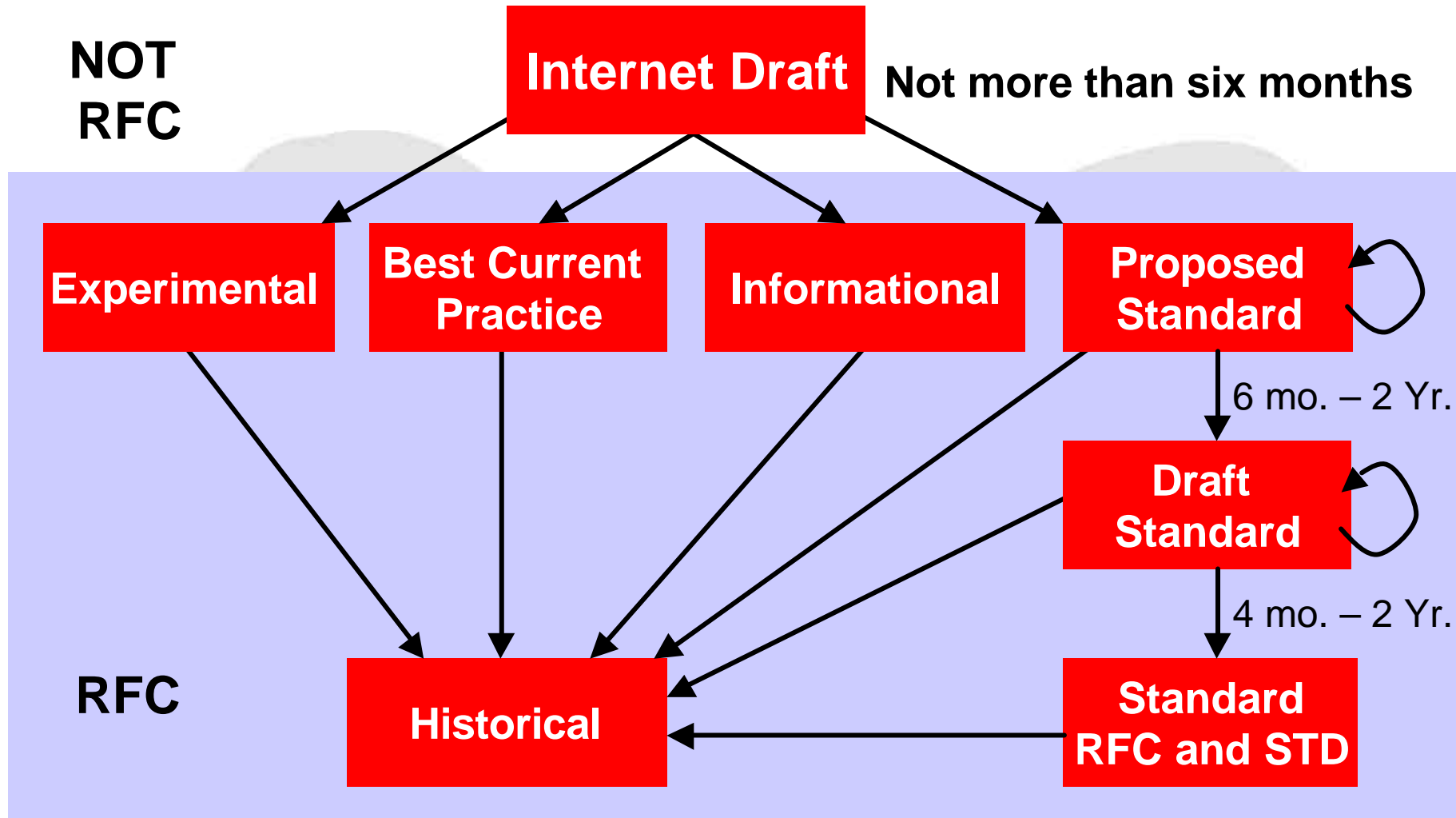


Approved by Area Director and IESG

Standardization Process

- **Internet Draft**
 - Complete specification
 - Elevated, deprecated, recycled
- **Draft standard**
 - Multiple independent interoperability implementations
 - Limited operational experience
- **Standard level**
 - Operational stability
 - No expiration

IETF Document Tracks



Standardization Process

- **Proposed by**
 - Working group
 - Individual
 - IESG, IAB
- **Revision**
 - Last Call Coordinator
 - NITS – draft meets IESG requirements
 - Working Group Last Call review (WGLC)
 - Content ready for submission to the IESG
 - 3 primary reviewers comments to author

SIP Working Group Current Efforts

- **Tracking 43 Internet Drafts (as of 5 Sep)**
- **Twelve Formal Deliverables Outstanding**
- **Delivery Schedule Extending to Mid-2002**
- **Approximately 300 People Attend Working Group Meetings**
- **3500 Messages on SIP Mailing List This Year**
- **1400 Messages on SIP Implementers List**

SIPPING Current Efforts

- **Tracking 51 Internet Drafts**
- **12 Proposed Milestones**
- **Approximately 300 People Attended Organizational Meeting in London**
- **400+ Messages On List This Year
List Activated 23May.**

Who's Working on IETF?

- **Internet Engineering Task Force (IETF)**
- **3GPP**
- **3GPP2**
- **Packet Cable**
- **SIP Forum, IPv6 Forum**
- **International Telecommunications Union (ITU)**
-

draft-ietf-sip-rfc2543bis-04-c	Authors	WGLC - October	IESG – 01 Dec.
draft-ietf-sip-100rel-04-c	AD (?)	Last version posted last week	Minor changes
draft-sip-manyfolks-resource-01-c	LCR	NITS review complete	IESG – 19 Nov
draft-ietf-sip-privacy-02-c	LCC	Version 3 soon	No dates
draft-ietf-sip-serverfeatures-05	AD (?)	WGLC completed	Ready - IESG submittal
ietf-sip-events-00-01-c	Author	Revival of subscribe-notify	IESG – Jan. 02
draft-ietf-sip-refer-01	Authors	Split from transfer	IESG – Jan 02
draft-biggs-sip-replaces-00	Authors		Not scheduled

draft-ietf-sip-session-timer-06	NITS	WGLC complete	IESG - mid Oct
draft-agrawal-sip-h323-intrwrkng-reqs-02	Authors	Completed WGLC earlier this year	
draft-ietf-sip-callerprefs-04-c	Authors	LCR completed	IESG - 29 Oct.
draft-ietf-sip-call-auth-00	LC		IESG – 29 Oct.
draft-ietf-sip-dhcp-01	Authors		No dates (before Jan.)
draft-ietf-sip-state-02-c	LC		No dates
draft-ietf-aaa-diameter-07	LC	Ready for WGLC	
A GLOBAL INITIATIVE			

Draft-ietf-sip-isup-03	NITS	GSTN-IMS inter-working	IESG – 20 Nov.
draft-ietf-sip-isup- header	Author		Delayed, not scheduled
Draft-ietf-avt-rtp-amr	IESG		IESG - ready
draft-ietf-mmusic-sdp- new	Author		RFC 2327??

Next Steps

- **Reach a consensus on the IETF-3GPP process**
- **Check the completeness of the list and assign priorities**
- **Assign IETF-draft owners for the R5 important documents**
- **Schedule a conference call with Ads**