



**“A.5 justification”  
record keeping – a  
delegate’s perspective**

**TSB tutorial**

# Overview

- Introduction to references
- Background information
- TSAG request for action (12/07)
- A.5 justification process overview
- Detailed example of an A.5 justification
- If you made a data entry mistake...

# Introduction to references

- i) **Normative reference** – The whole, or parts of a document to which it is necessary to conform in order to claim compliance to the Recommendation containing the reference.
  
- ii) **Non-normative reference** – The whole, or parts of a document where the referenced document has been used as supplementary information in the preparation of the Recommendation or to assist the understanding or use of the Recommendation and to which conformance is not necessary.

# Background information

- Why was Rec. A.5 created?
  - assure stability of and availability of material incorporated through reference to external documents.
  - improve awareness of possibility of claims of IPR through reference
- Which references need A.5 justification?
  - Only **normative references** to texts that are **not** from ITU, ISO or IEC

# Background information

- What does Rec. A.5 require?
  - a justification shall be presented for each draft recommendation containing normative references to texts other than ITU recommendations or ISO and IEC standards
  - information is to be available for study groups when approving new / changed recs.

# Background information

- A.5 §2.1 states:

“It is preferred that, rather than making reference to an entire document from an outside organization, reference be made to only the specific section(s) concerned.”

# Background information

- The documentation requirements of A.5 §2.2 and §2.3 do not apply for non-normative references because they are documents that add to the reader's understanding but are not essential to the implementation of or compliance with the Recommendation.

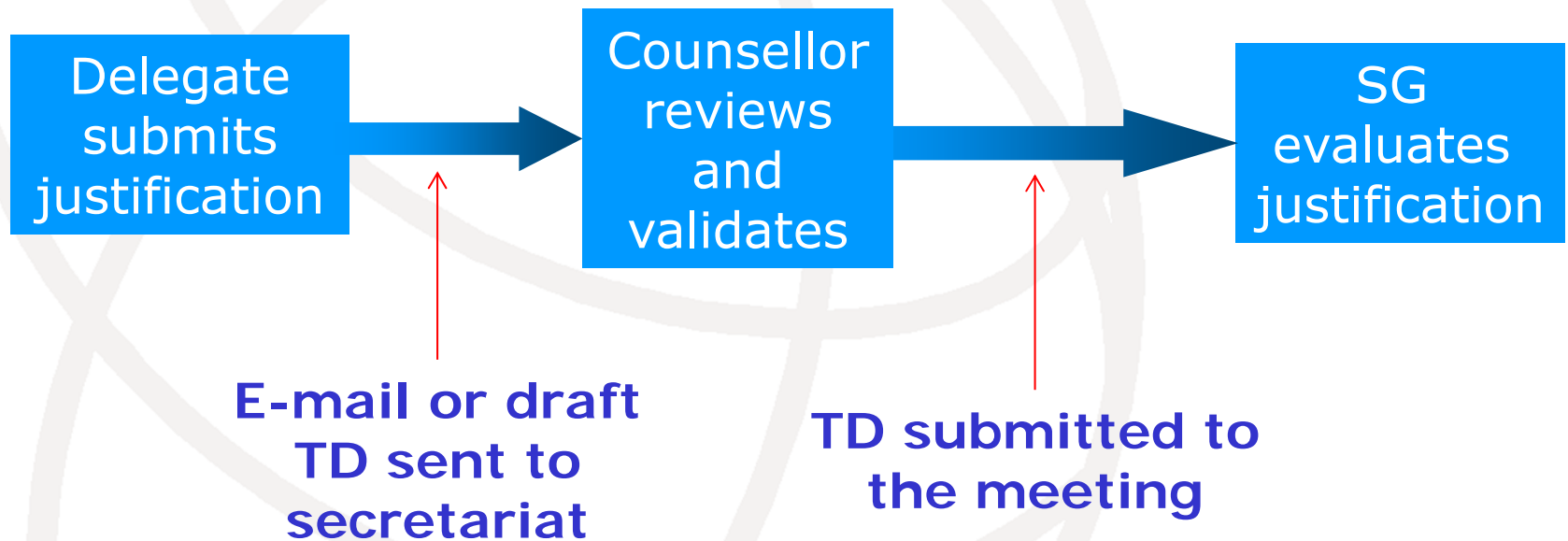
# Background information

- What is the structure of Rec. A.5 justification?
    - Organization information<sup>1</sup>
    - Referenced text identification
    - Recommendation-specific<sup>2</sup> justification
- 1 - Same for all texts related to this organization and derives from A.4/A.6
- 2 - A single reference may be used by several recommendations

# TSAG request for action (12/2007)

- Members identified challenges of information availability and consistency of presentation about A.5 justification
- TSB requested “to implement, if possible, an easily reachable tool for finding all the justifications of ITU-T recommendations” ([TSAG R-26](#))

# A.5 justification process overview



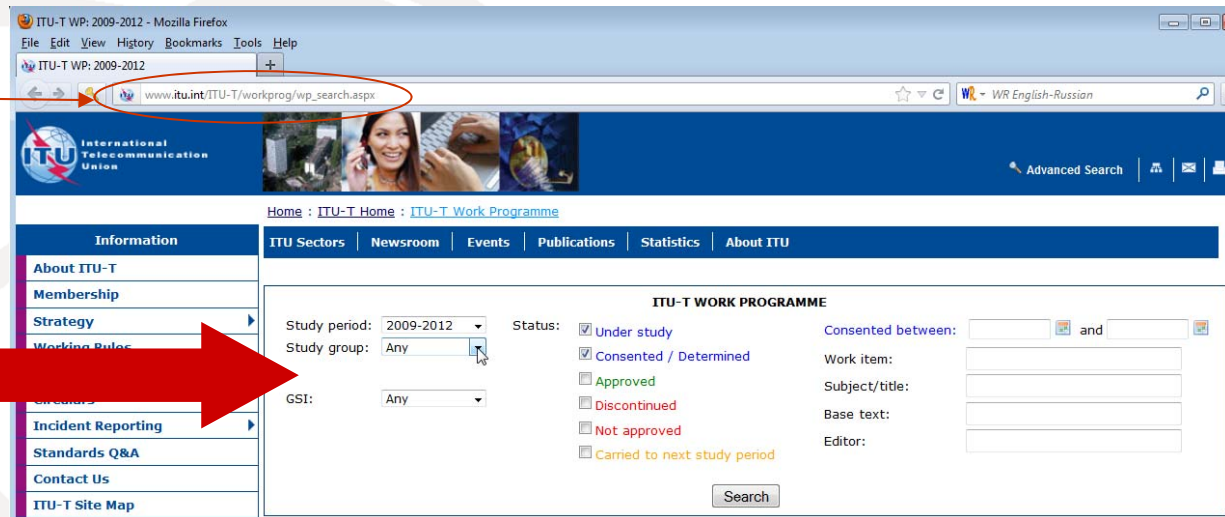
# Detailed example of an A.5 justification

- Delegate submits justification
  - access is from work program interface  
[http://itu.int/ITU-T/workprog/wp\\_search.aspx](http://itu.int/ITU-T/workprog/wp_search.aspx)
  - restricted to TIES-registered users
  - Three alternative entry modes:
    - use existing reference
    - duplicate similar reference
    - create new reference

# Detailed example of an A.5 justification

Start here

Enter Search criteria here



ITU-T WP: 2009-2012 - Mozilla Firefox

www.itu.int/ITU-T/workprog/wp\_search.aspx

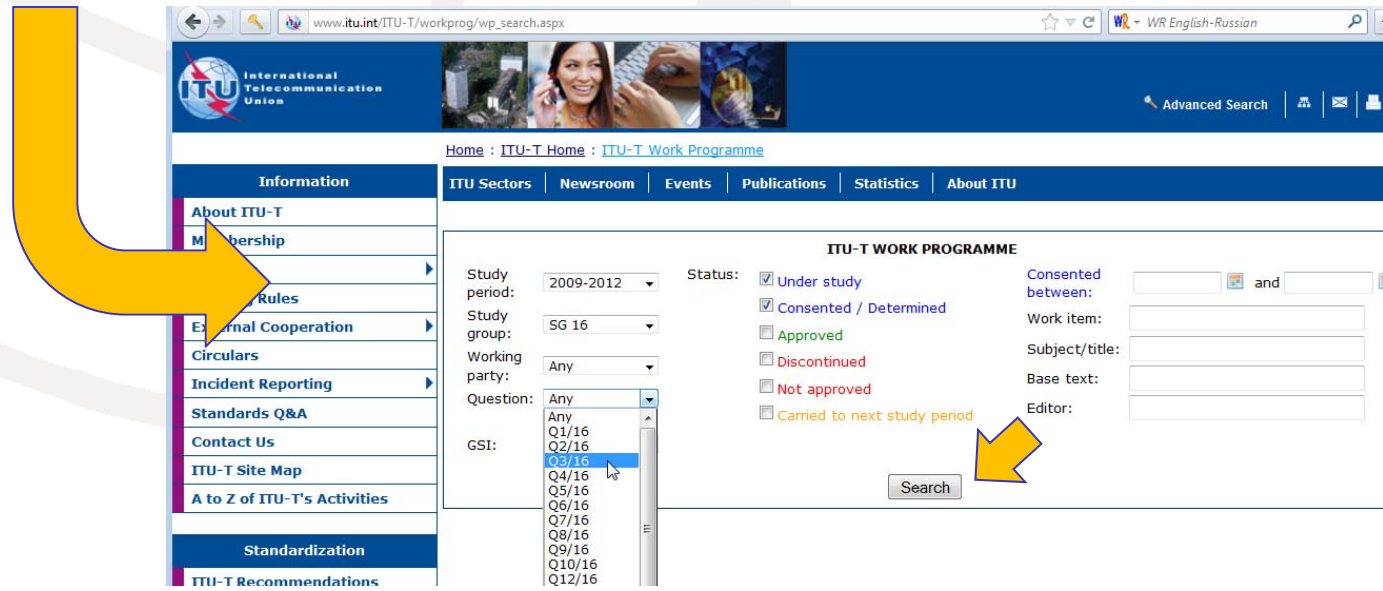
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Study period: 2009-2012    Status:  Under study    Consented between: [ ] and [ ]  
Study group: Any     Consented / Determined    Work item: [ ]  
GSI: Any     Approved    Subject/title: [ ]  
 Discontinued    Base text: [ ]  
 Not approved    Editor: [ ]  
 Carried to next study period

Search



www.itu.int/ITU-T/workprog/wp\_search.aspx

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**ITU-T WORK PROGRAMME**

Study period: 2009-2012    Status:  Under study    Consented between: [ ] and [ ]  
Study group: SG 16     Consented / Determined    Work item: [ ]  
Working party: Any     Approved    Subject/title: [ ]  
Question: Any     Discontinued    Base text: [ ]  
GSI: 03/16     Not approved    Editor: [ ]  
 Carried to next study period

Search

# Detailed example of an A.5 justification

Select desired work item

www.itu.int/ITU-T/workprog/wp\_search.aspx?isn\_sp=545&isn\_sg=554&isn\_qu=692&isn\_status=-1,1,3&details=0&field=aebcgfkl

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Standardization

- ITU-T Recommendations
- WTSAs
- Study Groups/TSAG
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- Joint Coordination Activities
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- Approval Processes
- IPR
- Delegate resources
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- Bridging Standardization Gap

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ITU-T WORK PROGRAMME

Study period: 2009-2012 Status:  Under study  Consented between: [ ] and [ ]  
Study group: SG 16  Consented / Determined  
Working party: Any  Approved  
Question: Q3/16  Discontinued  
GSI: Any  Not approved  
 Carried to next study period

Work item: [ ]  
Subject/title: [ ]  
Base text: [ ]  
Editor: [ ]

Search

Total found: 10 Page Size: 20

List view Tabular view Customized tab. view

Show details

Work item	Prov. name	Qu.	Subject/title	Timing	SG	SP
<a href="#">H.248.66</a>	H.248.RTSP	Q3/16	Gateway control protocol: Packages for RTSP and H.248 interworking	2012-05	<a href="#">SG 16</a>	2009-2012
<a href="#">H.248.66</a> See more details	H.248.MRCP	Q3/16	Gateway control protocol: Media resource control Enhancements Packages	2012-05	<a href="#">SG 16</a>	2009-2012
<a href="#">H.248.DPI</a>	H.248.DPI	Q3/16	Gateway control protocol: Deep Packet Inspection	2012-2013	<a href="#">SG 16</a>	2009-2012
<a href="#">H.248.80</a>	H.248.SDP-MAPPER	Q3/16	Gateway control protocol: Usage of the revised SDP offer / answer model with H.248	2012-05	<a href="#">SG 16</a>	2009-2012
<a href="#">H.248.LOOPB</a>	H.248.LOOPB	Q3/16	Gateway control protocol: Usage of loopback in H.248	2012-05	<a href="#">SG 16</a>	2009-2012
<a href="#">H.248.82</a>	H.248.ECN	Q3/16	Gateway control protocol: Explicit Congestion Notification Support	2012-05	<a href="#">SG 16</a>	2009-2012

# Detailed example of an A.5 justification

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### Standardization

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- Approval Processes
- IPR
- Delegate resources

### ITU-T WORK PROGRAMME

[2009-2012] : [SG 16] : [Q3/16]  
[Declared patent(s)] - [Associated work]

**Work item:** [H.248.66 \(ex H.248.RTSP\)](#)

**Status:** Under study [Issued from previous study period]

**Approval process:**

**Type of work item:** Recommendation

**Version:** New

**Provisional name:** H.248.RTSP

**Equivalent number:** -

**Timing:** 2012-05 (Medium priority)

**Liaison:** TISPAN WG4 and 3GPP CT4

**Subject/title:** Gateway control protocol: Packages for RTSP and H.248 interworking

**Summary:** -

**Comment:** -

**Base text(s):** [\[TD 637R1-WP2 \(2011-11\)\]](#) 🔒

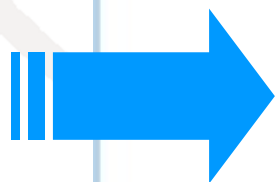
**Editor(s):** [Yangbo Lin](#)

**ITU-T A.5 reference(s):** -

[\[Submit new A.5 reference\]](#) 🔒 ?

# Detailed example of an A.5 justification

... You will be asked to enter your TIES account / password



www.itu.int/ITU-T/workprog/wp\_a5\_

WR - WR English-

### ITU-T Rec. A.5 documentation for draft new H.248.66

If you have a TIES account, please login:

Login	<input type="text" value="campos"/>	<input type="button" value="Login"/>
Password	<input type="password" value="....."/>	

# Detailed example of an A.5 justification

## 1. Select organization

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?isn=6153

**ITU-T Rec. A.5 documentation for draft new H.248.66**

Referenced A.5 organization: Please select an A.5 recognized organization

Referenced document:

Select

If the referenced document could not be found, you can register it by clicking on one of the two buttons below:

Duplicate the selected one      Create a new one

If the new referenced document has not been registered so far, you can import automatically data from the similar selected reference as a basis for modifications.

If the new reference has no similar document already registered, you can create a new one.

# Detailed example of an A.5 justification

1. Select organization

2. Select previously referenced document (if possible)

ITU-T Rec. A.5 documentation for draft new H.248.66

Referenced A.5 organization: ISOC/IETF

Referenced document: Please select a reference...

Select

If the referenced document could not be found, you can register it by clicking on one of the two buttons below:

Duplicate the selected one      Create a new one

If the new referenced document has not been registered so far, you can import automatically data from the similar selected reference as a basis for modifications.

If the new reference has no similar document already registered, you can create a new one.

# Detailed example of an A.5 justification

1. Select organization

2. Select previously referenced document (if possible)

3. Click here

ITU-T Rec. A.5 documentation for draft new H.248.66

Referenced A.5 organization: ISOC/IETF

Referenced document: IETF RFC 1123 (1989)

Select

Add a new proposal of justification to this document

If the referenced document could not be found, you can register it by clicking on one of the two buttons below:

Duplicate the selected one

Create a new one

If the new referenced document has not been registered so far, you can import automatically data from the similar selected reference as a basis for modifications.

If the new reference has no similar document already registered, you can create a new one.

# Detailed example of an A.5 justification

Enter justification for reference within the current Recommendation

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?tsn=6153

ITU-T Rec. A.5 documentation for draft new H.248.66

[Go back to the previous page](#)

Submit

- 1. Clear description of the referenced document:(type of document, title, number, version, date, etc.)**

Name: IETF RFC 1123 (1989)

Title / Description: Requirements for Internet Hosts - Application and Support

Uri: http://tools.ietf.org/html/rfc1123
- 2. Status of approval:**

Approved standards track document.
- 3. Justification for the specific reference:**
- 4. Current information, if any, about IPR issues:**

Some information may be available in the IETF IPR archives at ftp://ftp.isi.edu/ietf/IPR/.

Note well:

Including why incorporation of the full text is inappropriate

# Detailed example of an A.5 justification

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?isn=6153

ITU-T Rec. A.5 documentation for draft new H.248.66

[Go back to the previous page](#)

Click there to submit your proposal of A.5 justification

- 1. Clear description of the referenced document:(type of document, title, number, version, date, etc.)**

Name: IETF RFC 1123 (1989)

Title / Description: Requirements for Internet Hosts - Application and Support

Url: <http://tools.ietf.org/html/rfc1123>
- 2. Status of approval:**

Approved standards track document.
- 3. Justification for the specific reference:**

This RFC describes defines and discusses the requirements for Internet host software as it concerns the application and support protocols. These are needed for the interworking between RTSP and H.248, as defined in ITU-T H.248.66 (ex H.248.RTSP).|
- 4. Current information, if any, about IPR issues:**

Some information may be available in the IETF IPR archives at
- 5. Other useful information describing the "Quality" of the d**

This RFC has been in existence since October 1989. It is a stan

4. Click here



www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?isn=6153

ITU-T Rec. A.5 documentation for draft new H.248.66

Thank you simao campos.  
Your proposal of ITU-T A.5 justification has been registered and submitted to the ITU-T Study Group secretariat.

You can [submit another reference](#) or [close the window](#).

# Detailed example of an A.5 justification

What if the desired reference document has not been previously referenced by another ITU-T Rec?

Try to start with a copy of a justification for a similar document ...

# Detailed example of an A.5 justification

1. Select organization

2. Select previously referenced document (if possible)

3. Click here

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?isn=6153

ITU-T Rec. A.5 documentation for draft new H.248.66

Referenced A.5 organization: ISOC/IETF

Referenced document: IETF RFC 1123 (1989)

Select

If the referenced document could not be found, you can register it by clicking on one of the two buttons below:

Duplicate the selected one

Create a new one

If the new referenced document has not been registered so far, you can import automatically data from the similar selected reference as a basis for modifications.

If the new reference has no similar document already registered, you can create a new one.

# Detailed example of an A.5 justification

Another  
Info tip

Note: All fields are open for editing!

Modify all information as needed

Note the Info tips when hovering over some of the window extension corners in fields 3, 4, and 5

ITU-T Rec. A.5 documentation for draft new H.248.66

[Go back to the previous page](#)

Submit

- 1. Clear description of the referenced document:(type of document, title, number, version, date, etc.)**

Name:

Title / Description:

Url:
- 2. Status of approval:**
- 3. Justification for the specific reference:**
- 4. Current information, if any, about IPR issues:**
- 5. Other useful information describing the "Quality" of the document:**
- 6. The degree of stability or maturity of the document:**

Including why incorporation of the full t

including patents, copyrights, trademark

e.g. length of time it has existed, whether whether conformance requirements are widely available

# Detailed example of an A.5 justification

Note: All fields are open for editing!

Modify all information as needed

Click here when finished

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?sr=6153

ITU-T Rec. A.5 documentation for draft new H.248.66

[Go back to the previous page](#)

Submit

Click here to submit your proposal of A.5 justification

- 1. Clear description of the referenced document:(type of document, title, number, version, date, etc.)**  
Name:   
Title / Description:   
Url:
- 2. Status of approval:**
- 3. Justification for the specific reference:**
- 4. Current information, if any, about IPR issues:**
- 5. Other useful information describing the "Quality" of the document:**
- 6. The degree of stability or maturity of the document:**

Updated by RFCs  Errata Exist

# Detailed example of an A.5 justification

What if the desired reference document has no model in a previously referenced item?

Create a new justification ...

# Detailed example of an A.5 justification

Select the organization

Then...  
Click here

ITU-T Rec. A.5 documentation for draft new H.248.66

Referenced A.5 organization: ATIS

Referenced document: Please select a reference...

Select

If the referenced document could not be found, you can register it by clicking on one of the two buttons below:

Duplicate the selected one    Create a new one

If the new referenced document has not been registered so far, you can import automatically data from the similar selected reference as a basis for modifications.

If the new reference has no similar document already registered, you can create a new one.

# Detailed example of an A.5 justification

**NOTE:** All fields are open for editing and not populated with data

(except for field 9 – “Qualification” of organization)

ITU-T A.5 reference justification

www.itu.int/ITU-T/workprog/wp\_a5\_in.aspx?isn=6153

ITU-T Rec. A.5 documentation for draft new H. 248.66

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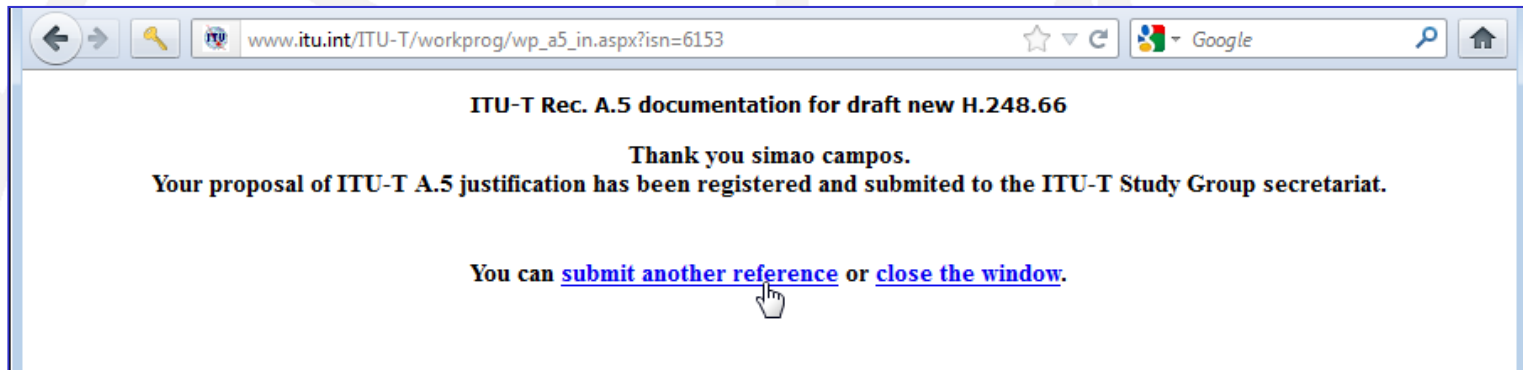
1. Clear description of the referenced document (type of document, title, number, version, date, etc.)  
Name: \_\_\_\_\_  
Title / Description: \_\_\_\_\_  
Url: \_\_\_\_\_
2. Status of approval: \_\_\_\_\_
3. Justification for the specific reference: \_\_\_\_\_
4. Current information, if any, about IFR issues: \_\_\_\_\_
5. Other useful information describing the "Quality" of the document: \_\_\_\_\_
6. The degree of stability or maturity of the document: \_\_\_\_\_
7. Relationship with other existing or emerging documents: \_\_\_\_\_
8. Any explicit references within that referenced document should also be listed: \_\_\_\_\_
9. Qualification of ATIS:  
ATIS is recognized under the provisions of ITU-T Recommendations A.5 and A.6. Qualifying information is on file at TSB.
10. Other (for any supplementary information): \_\_\_\_\_

# Detailed example of an A.5 justification

After clicking on



a confirmation is returned ...



# Detailed example of an A.5 justification

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- Regional groups
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- Approval Processes
- IPR

**ITU-T WORK PROGRAMME**

[2009-2012] : [SG 16] : [Q3/16]  
[Declared patent(s)] - [Associated work]

Work item: **H.248.66 (ex H.248.RTSP)**

Status: Under study [Issued from previous study period]

Approval process:

Type of work item: Recommendation

Version: New

Provisional name: H.248.RTSP

Equivalent number: -

Timing: 2012-05 (Medium priority)

Liaison: TISPAN WG4 and 3GPP CT4

Subject/title: Gateway control protocol: Packages for RTSP and H.248 interworking

Summary: -

Comment: -

Base text(s): [TD 637R1-WP2 (2011-11)]

Editor(s): [Yanqbo Lin](#)

ITU-T A.5 reference(s): [IETF RFC 1123 (1989) (awaiting validation)]  
[Submit new A.5 reference]

Generate ITU-T A.5 justification information draft TD

To prepare draft TD for consideration by SG, click here

# Detailed example of an A.5 justification

Fill in source and contact information

ITU-T-A5-TD-new-H.248.66.doc [Read-Only] [Compatibility Mode] - Microsoft Word

Normal

File Home Menu Insert Page Layout References Mailings Review View Developer Add-Ins TSB

Times New Roman 12

Clipboard Font Paragraph Styles

Emphasis Heading 1 Heading 2 Change Styles Editing

Question(s):	3/16	Meeting, date:	
Study Group:	16	Working Party:	2/16
Intended type of document(R-C-D-TD):		TD:	
Source:			
Title:	A.5 justification information for draft new H.248.66 (ex H.248.RTSP)		
Contact:	<Name> <Organization> <Country>	Tel. Fax. Email:	
Contact:		Tel. Fax. Email:	

Please don't change the structure of this table, just insert the necessary information.

**1 → Introduction**

According to ITU procedures, as described in [ITU-T Recommendation A.5](#), any normative reference to documentation produced outside the ITU (other than ISO and IEC texts) needs to be evaluated by the study group or working party before a decision is made to incorporate the reference in an ITU-T Recommendation.

This TD contains the A.5 justification information for new H.248.66 (ex H.248.RTSP).

**2 → Referred documents and respective justifications**

- IETF RFC 1123 (1989): Requirements for Internet Hosts - Application and Support
- Approved standards track document
- This RFC describes, defines and discusses the requirements for Internet host software as it concerns the application and support protocols. These are needed for the interworking between RTSP and H.248, as defined in ITU-T H.248.66 (ex H.248.RTSP).
- Complete A.5 justification information can be found in [Annex 1](#).

Page Break

Page: 1 of 9 Words: 1,426 English (U.K.) Track Changes: Off 100%

# Detailed example of an A.5 justification

Note: Data entered on web appears here, AS IT WAS TYPED!

One annex is generated for each "A.5 reference" that has been entered into the work program database

**Annex 1**

**A.5 justification information for the reference to IETF RFC 1123 (1989)**

- 1 → **Clear description of the referenced document:**  
IETF RFC 1123 (1989): Requirements for Internet Hosts -- Application and Support
- 2 → **Status of approval:**  
Approved standards track document.
- 3 → **Justification for the specific reference:**  
This RFC describes defines and discusses the requirements for Internet host software as it concerns the application and support protocols. These are needed for the interworking between RTSP and H.248, as defined in ITU-T H.248.66 (ex H.248.RTSP).
- 4 → **Current information, if any, about IPR issues:**  
Some information may be available in the IETF IPR archives at <ftp://ftp.isi.edu/ietf/IPR/>.
- 5 → **Other useful information describing the "Quality" of the document:**  
This RFC has been in existence since October 1989. It is a standard that is widely used in the internet community.
- 6 → **The degree of stability or maturity of the document:**  
RFC 1123 was published in May, 1989. It is an Internet Standard. Updated by RFCs 1349, 2181, 5321, 5966, Errata Exist.
- 7 → **Relationship with other existing or emerging documents:**  
This RFC is one of a pair that defines and discusses the requirements for Internet host software. This RFC covers the application and support protocols; its companion RFC-1122 covers the communication protocol layers: link layer, IP layer, and transport layer.
- 8 → **Any explicit references within that referenced document should also be listed:**  
INTRODUCTORY REFERENCES

# If you made a data entry mistake!

- Once the data is submitted, it cannot be changed through the web interface
- Ask the TSB to correct the data
  - E.g. by making the necessary changes in the draft TD using revision marking and asking the Counselor or Assistant to correct the data
  - or detailing it in an e-mail

# Summary

**Start here:**

[http://itu.int/ITU-T/workprog/wp\\_search.aspx](http://itu.int/ITU-T/workprog/wp_search.aspx)

**Search for work item  
(Recommendation, Supplement,  
etc) in work program**

**Enter information about the referenced  
document**

**If appropriate, generate A.5 justification TD for SG to  
evaluate**

**Questions: [tsb-a5@itu.int](mailto:tsb-a5@itu.int)**

