



# ITU-R documents database search facility

# Overview

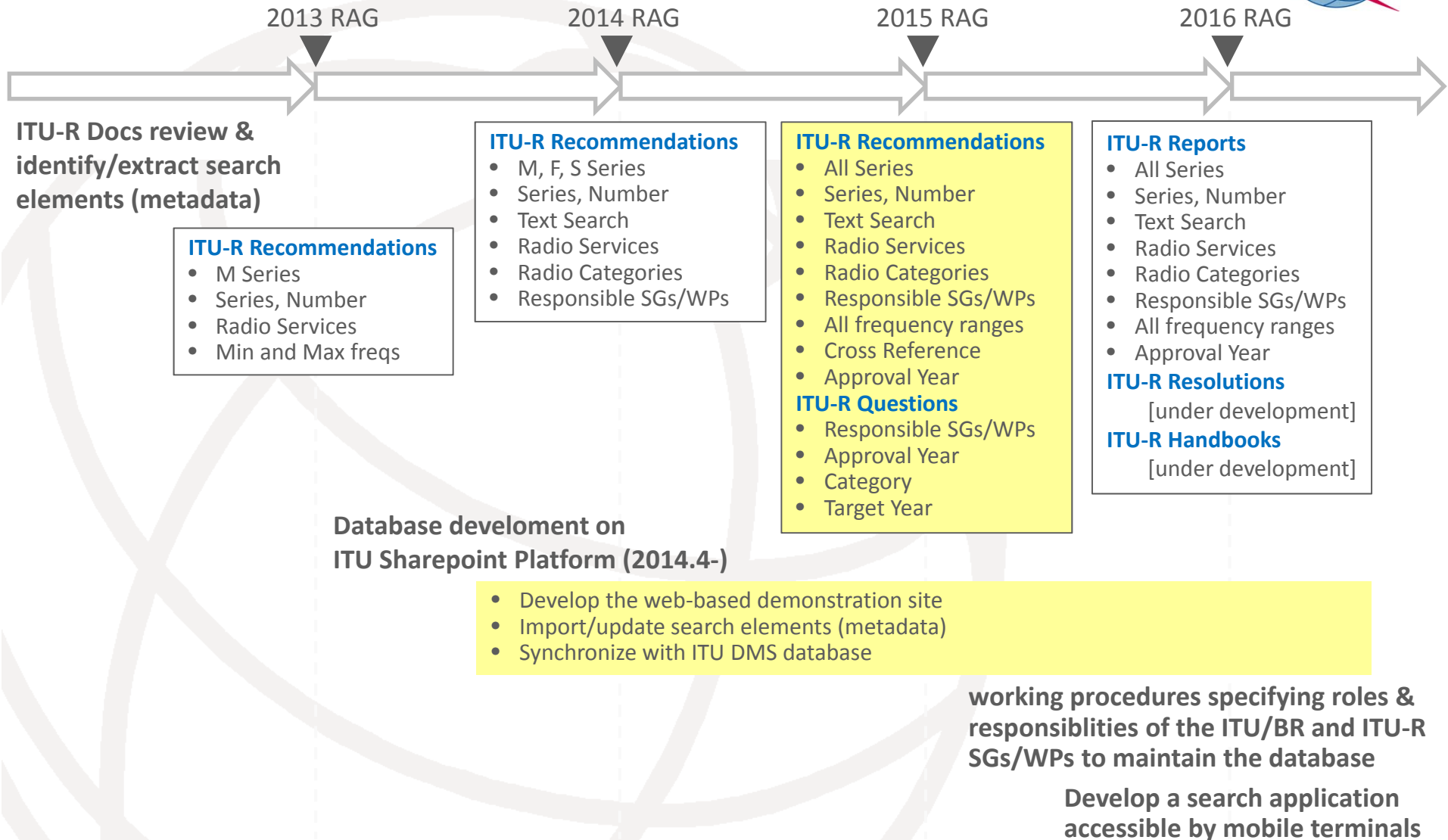


- RAG (2012) invited the Director to develop a search database facility for ITU-R Recommendations for assisting membership to identify ITU-R Recommendations.
- Voluntary Contribution USD 290,000 kindly provided by the Ministry of Internal Affairs and Communications (MIC), Japan in April 2014
  - Expedite the database development
  - Expand this search function to ITU-R Questions, Reports, Handbooks, Resolutions
  - Make it more accessible for ITU members, including developing countries
  - Consider the equipment of functions to make it more effective and useful

## Main Activities

1. ITU-R Documents review & identify/extract search elements
2. Database development on ITU Sharepoint Platform
3. Document the working procedures specifying roles & responsibilities of the ITU/BR and ITU-R SGs/WPs to maintain the database
4. Develop a search application accessible by mobile terminals

# Current Progress



# ITU-R Documents Database Search Facility Top Page

<https://extranet.itu.int/brdocsearch>



Link to ITU-R Recommendations search page

Link to ITU-R Questions search page

Link to ITU-R Reports search page

Home ITU-R Recommendations ITU-R Questions ITU-R Reports (demo) EDIT LINKS Search Recommendations

## ITU-R Documents Database Search Facility Page

The ITU-R documents database search facility is being developed to make ITU-R documents (ITU-R Recommendations, ITU-R Questions, ITU-R Reports, ITU-R Resolutions and ITU-R Handbooks) more accessible. This database search facility assists to identify ITU-R documents by providing search functions which enable ITU-R documents to be filtered by search criteria such as number, radio category, radio services, frequency ranges and approval year.

### Recent Updates

- **ITU-R Recommendations** and **ITU-R Questions** searches are **OPERATIONAL** since 19 October 2015
- **ITU-R Reports** search is available as a **demonstration version** since 10 November 2015
- **ITU-R Resolutions** and **ITU-R Handbooks** will be available in early 2016
- Search function is available only for "in force" documents
- Reference material for ITU-R Documents Database Search Facility is available [here](#)
- Any comment and question: [junko.koizumi@itu.int](mailto:junko.koizumi@itu.int) (BR/SGD)

# Target documents and main search elements



## ❑ ITU-R Recommendations

- ❖ Metadata Search (Search Criteria)  
"ITU-R Recommendation Series", "Radio Category", "Radio Services",  
"Cross Reference", "Responsible SGs/WPs" and "Approval Year"
- ❖ Frequency Search  
Search by frequency range (min and max frequencies)

## ❑ ITU-R Questions

- ❖ Metadata Search (Search Criteria)  
"Responsible SGs/WPs", "Approval Year", "Target Year"  
and "Category" (Resolution ITU-R 5)

## ❑ ITU-R Reports [demo version, data verification is required]

- ❖ Metadata Search (Search Criteria)  
"ITU-R Recommendation Series", "Radio Category", "Radio Services",  
"Responsible SGs/WPs" and "Approval Year"
- ❖ Frequency Search  
Search by frequency range (min and max frequencies)

## ❑ ITU-R Resolutions and ITU Handbooks [under development]

# Newly introduced search criteria



## **Radio Category (for ITU-R Recommendations and ITU-R Reports)**

Classified into the following 8 categories according to subject.

1. Technical/operational characteristics or parameters
2. Sharing/compatibility issues
3. Frequency arrangements
4. Error performance/availability objectives
5. High Frequency (HF) systems
6. Antenna reference patterns
7. Vocabulary
8. IMT

(Each ITU-R Recommendation can have multiple categories, or without category.)

## **Cross Reference (for ITU-R Recommendations)**

The location where the Recommendations are referred to in the RR is searchable.

"IBR" : «incorporated by reference» (IBR) in the Radio Regulations

"Ref." : referred to in the Radio Regulations, but not IBR

blank : not referred to in the Radio Regulations

## **Frequency Search (for ITU-R Recommendations and ITU-R Reports)**

Frequency Search by frequency range (with min and max frequencies) is available.

(This function is provided in the separate page from main search page.)

# ITU-R Recommendations Search

<https://extranet.itu.int/brdocsearch/R-REC/>



BR Document Search

Home ITU-R Recommendations ITU-R Questions ITU-R Reports (demo) EDIT LINKS

Search Recommendations

(1) Metadata Search  
(search by single  
criterion)

- ITU-R Recommendations
  - Series
  - Radio category
  - Services
  - Cross ref.
  - Resp. WPs
  - Approval

(2) Metadata Search  
(search by multiple criteria)

Key Filters

Apply Clear

Series

Radio category

Services

Resp. WPs

Cross ref.

Approval

(3) Link to Frequency Search Page

- Search ITU-R Recommendations by Frequency Range
- Get help for using the interface

(4) Explanation of search criteria

(5) Link to each ITU-R Recommendation's profile page  
(incl. ITU-R Recommendation file download)

Count= 1150

Number	Title	Radio category	Services	Resp. WPs	Cross ref.
BO.600-1 (07/86)	Standardized set of test conditions and measurement procedures for the subjective and objective determination of protection ratios for television in the terrestrial broadcasting and the broadcasting-satellite services	N/A;	broadcasting (BS); broadcasting-satellite (BSS);	WP4A; WP4B;	N/A
BO.650-2 (03/92)	Standards for conventional television systems for satellite broadcasting in the channels defined by Appendix 30 of the Radio Regulations	Technical/operational characteristics or parameters;	broadcasting-satellite (BSS);	WP4B;	N/A
BO.651-0 (07/86)	Digital PCM coding for the emission of high-quality sound signals in satellite broadcasting (15 kHz nominal bandwidth)	N/A;	broadcasting-satellite (BSS);	WP4B;	N/A
BO.652-1 (03/92)	Reference patterns for Earth-station and satellite antennas for the broadcasting satellite service in the 12 GHz band and for the	Antenna reference patterns;	broadcasting-satellite (BSS);	WP4A;	N/A

Search Result

# ITU-R Recommendations Search



## ITU-R Recommendation Profile Page

R-REC-M.690 ▸ R-REC-M.690-2-201203-1



R-REC-M.690-2-201203-1

Number	M.690-2 (03/12)
Title	Technical characteristics of emergency position-indicating radio beacons (EPIRBs) operating on the carrier frequencies of 121.5 MHz and 243 MHz
Services	aeronautical mobile (AMS)
Radio Category	Technical/operational characteristics or parameters
Resp. WPs	WP5B
FrequencyBands	121.5-121.5 MHz / 243-243 MHz
Reference in RR	Appendix 15 (Table 15-2)
Cross ref.	IBR
Approval	2012

[View All Properties](#)  
[Edit Properties](#)

Detail Profile of selected Recommendation

+ new document or drag files here

Find a file

✓	📄	Name	Doc. lang.	File Size	Modified
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Doc. lang. : E (2)

📄	R-REC-M.690-2-201203-!!!MSW-E	E	1317 KB	April 14
📄	R-REC-M.690-2-201203-!!!PDF-E	E	1305 KB	April 14

ITU-R Recommendation file (for download)



**Thank you!**



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