

Exercises on preparing frequency assignment notices to be notified to the BR

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Broadcasting Services (BS)

Introduction

For recording Broadcasting stations in the Master Register, administrations shall notify according to Article 11 of the Radio Regulations (RR). To facilitate the identification of the relevant characteristics to be notified, the Bureau has created different notice types to be used depending on the type of radio service.

The list of notice types is given in the Preface to the BR IFIC (see Chapter III, Section 2). Please note that the Preface to BR IFIC is a reference document associated with the BR IFIC containing the explanation of abbreviations, symbols and remarks used in the BR IFIC (for example, Class of station, Nature of service, Polarization, etc.). The Preface is available in the BR IFIC DVD and on the ITU web site at http://www.itu.int/ITU-R/terrestrial/docs/brific/files/preface/PREFACE_EN.pdf

In addition to the information contained in Appendix 4 to the RR and in the annexes of the different Plans, you will find guidelines for preparing frequency assignment/allotment notices, format of the notices, examples, etc. on the ITU web site at <http://www.itu.int/ITU-R/go/terrestrial-notice-forms/en>.

Also, note that each Broadcasting frequency assignment is uniquely identified by the following data items:

- Assigned frequency
- Geographical coordinates

BS 01: VHF Analog sound broadcasting assignment

Prepare an electronic notice of frequency 106.0 MHz assigned to a sound broadcasting station based on the information below, for its recording in the Master Register.

To prepare this notice we will use the “New Notice” functionality of TerRaNotices and we will select **Cambodia (CBG)** as the notifying administration.

Transmitting antenna site name	Phnom Penh
Coordinates of the transmitting antenna site	104°54'22"E 11°34'32"N
Polarization	Vertical
Effective radiated power	24 dBW
Necessary bandwidth	200 kHz
Maximum effective Antenna height	60 m
Antenna Directivity	Non Directional
Date of bringing the frequency assignment into use	Maximum 3 months in advance
Address code	See Preface to the BR IFIC
Operating Hours	24 Hours

BS 02: UHF digital Television broadcasting assignment

Prepare an electronic notice file of frequency 538 MHz assigned to a TV broadcasting station based on the information below, for its recording in the Master Register.

To prepare this notice we will first use “Wizard” functionality of TerRaNotices and we will select **Singapore (SNG)** as the notifying administration.

Transmitting antenna site name	SENOKO 29
Coordinates of the transmitting antenna site	103°47'51"E 01°27'54"N
Polarization	Vertical
Effective radiated power	26 dBW
Antenna Directivity	Non Directional
Emission class	X7FXF
Necessary Bandwidth (kHz)	8000
Maximum effective antenna height	153 m
TV transmission system	T1
Offset	0
Date of bringing the frequency assignment into use	Maximum 3 months in advance
Address code	See Preface to the BR IFIC
Operating Hours	24 Hours

BS 03: Modification of an assignment which is recorded in the Master register

Prepare an electronic notice for notifying the modification of the station name of a Broadcasting frequency assignment which is already recorded in the Master Register having the unique identification code **DTV/M-KU BONG** for the Administration of **Korea (KOR)**.

To prepare this notice we will use the “Open a notice from the database” functionality of TerRaNotices and select KOR as the notifying administration.

BS 04: Request to suppress a frequency assignment.

Prepare an electronic notice for suppressing the following frequency assignment which is recorded in the Master Register.

To prepare this notice we will use the “Generate TB notices” functionality of TerRaNotices and we will select **Thailand (THA)** as the notifying administration.

Coordinates of the transmitting antenna site	100°33'00"E 13°46'00"N
Assigned Frequency	100.0 MHz

BS 05: Validating and identifying errors of a Frequency assignment notice.

Validate and identify the errors of the electronic notice file “**BS 05_NoticeWithError.txt**”.

To Validate and identify errors of a notice file, we will use the online validation tool which can be accessed from <http://www.itu.int/ITU-R/terrestrial/OnlineValidation/Login.aspx>