



News Letter

1. 2020年3月2日，美国发布了一个空白设备的规则建议通知（NPRM）FCC 20-17.

FCC has Released an NPRM for White Space Devices (FCC 20-17):

<https://docs.fcc.gov/public/attachments/FCC-20-17A1.pdf>

Before the Federal Communications Commission

Washington, D.C. 20554

In the Matter of Unlicensed White Space Device Operations in the Television Bands

ET Docket No. 20-36

NOTICE OF PROPOSED RULEMAKING

Adopted: February 28, 2020 **Released:** March 2, 2020

Comment Date: 30 days after Federal Register publication

Reply Comment Date: 60 days after Federal Register publication

I. INTRODUCTION 1. In this Notice of Proposed Rulemaking (NPRM), we propose to revise our rules to provide additional opportunities for unlicensed white space devices operating in the broadcast television bands (TV bands) to deliver wireless broadband services in rural areas and applications associated with the Internet of Things (IoT). This region of the spectrum has excellent propagation characteristics that make it particularly attractive for delivering communications services over long distances, coping with variations in terrain, as well as providing coverage into and within buildings. We offer several proposals to spur continued growth of the white space device ecosystem, especially for providing affordable broadband service to rural and underserved communities that can help close the digital divide.

Please see the entire NPRM for full details.

We will monitor the Federal Register for the date of publication.

2. 2020年3月，FCC KDB更新如下：

The FCC made a minor change to KDB 204515 regarding fees for Grantee codes.

[204515 D01 Grantee Code v01r03](#)

03/02/2020: 204515 D01 Grantee Code v01r03 replaces 204515 D01 Grantee Code v01r02. Updated to apply changes implemented by FCC 19-114 where FCC no longer accepts payments by check or money order and requires all payments to be electronic.



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3. ISED 费率涨价提醒.

REMINDER from ISED Canada:

As highlighted in November 2019 during the TCBC workshop, as per the Service Fee Act in Canada, ISED fees will increase by 2.2% on March 31st, 2020 as per the Consumer Price Index (CPI).

However please note that the Listing fee will not be affected. The Listing fee of \$50/ model will remain intact. Other fees such as Terminal registration (\$750) and other assessment fees (for clients choosing ISED certification instead of private CBs certification) will be increased by 2.2%.

Applications submitted on March 31st will still be charged the old amount because our server will only be updated on April 1st . Therefore, for any application submitted tomorrow (March 31st) for which the CPI increase applies, clients should expect to receive a request on April 1st (or later) to pay the balance owed.

As a recommendation, application such as Terminal registration should be delayed for submission to April 1st to avoid having to pay in two steps.

Please see below the guidance provided at the last workshop:

CPI - Fee increase

What does it mean to the industry? What will be the new fees?

Fee name	March 30, 2020	March 31 st , 2020	April 1 st , 2020
Listing Fee	\$50	\$50 (not subject to CPI)	\$50
Registration Fee	\$750	\$766.50 (Spectra will still charge \$750)	\$766.50 (Spectra will now charge \$766.50)
Assessment Fee (CEB certification only)	\$1,200	\$1226.40 (Spectra will still charge \$1,200)	\$1226.40 (Spectra will now charge \$1,226.40)
Technical expertise Fee (CEB service only: Permissive change, Multiple Listing)	\$150/hr	\$153.30/hr (Spectra will still charge \$150/hr)	\$153.30/hr (Spectra will now charge \$153.30/hr)

Applications submitted on March 31st will require a fee correction and clients will be notified



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4. ISED Inquiry Sharing:

Question: Since RSS-102 Issue 5 Section 3.1.1 just states, “The head or body tissue equivalent liquid (see Annex D) for SAR measurement of body-worn devices shall be used.” Could you please help to confirm and clarify if ISED has similar requirements about Mix and Match of Head and Body TSLs with FCC?

- Is it permit to Mix and Match of Head and Body TSLs for Body SAR in a New Application?
- Is it permit to change TSLs in Permissive Change for ISED?

ISED Response: As per section 3.1.1 of RSS-102 Issue 5, ISED has always accepted either head or body tissue simulating liquid for body-worn SAR evaluations.

A test lab needs to use the same TSL type throughout the measurement process that is association with a specific application. The test lab may choose to use either head or body TSL but cannot change between head and body TSL parameters for that set of SAR evaluations.

The above requirements apply for any SAR testing, no matter it is a new application or reassessment. In general, ISED and FCC requirements are the same regarding this aspect.

5. 欧盟更新

EU Updates: In the period of March 01 and March 30, 2020, several new standards have been published by ETSI:

[ETSI EN 303 213-5-1 V1.1.1 \(2020-03\)](#) Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators

[ETSI EN 300 019-2-8 V2.2.1 \(2020-03\)](#) Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-8: Specification of environmental tests; Stationary use at underground locations

And the following standards are on approval, waiting to be published:

[ETSI EN 319 412-1 V1.3.4 \(2020-03\)](#) Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures



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[ETSI EN 303 681-4 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 4: generalized Radio Programming Interface (gRPI)

[ETSI EN 303 681-3 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 3: generalized Unified Radio Application Interface (gURAI)

[ETSI EN 303 681-2 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 2: generalized Reconfigurable Radio Frequency Interface (gRRFI)

[ETSI EN 303 681-1 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) information models and protocols for generalized software reconfiguration architecture; Part 1: generalized Multiradio Interface (gMURI)

[ETSI EN 303 648 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration architecture

[ETSI EN 303 641 V1.1.2 \(2020-03\)](#) Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration requirements

[ETSI EN 303 423 V1.2.9 \(2020-03\)](#) Environmental Engineering (EE); Electrical and electronic household and office equipment; Measurement of networked standby power consumption of Interconnecting equipment

[ETSI EN 303 213-7 V2.0.1 \(2020-03\)](#) Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 7: Community Specification for A-SMGCS routing service

[ETSI EN 303 213-3 V2.0.1 \(2020-03\)](#) Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 3: Community Specification for a deployed cooperative sensor including its interfaces

[ETSI EN 303 213-2 V2.0.1 \(2020-03\)](#) Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 2: Community Specification for A-SMGCS airport safety support service

[ETSI EN 303 213-1 V2.0.1 \(2020-03\)](#) Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 1: Community Specification for A-SMGCS



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surveillance service including external interfaces

[ETSI EN 302 890-2 V2.1.1 \(2020-03\)](#) Intelligent Transport Systems (ITS); Facilities Layer function; Part 2: Position and Time management (PoTi); Release 2

[ETSI EN 301 925 V1.5.2 \(2020-03\)](#) Radiotelephone transmitters and receivers for the maritime mobile service operating in VHF bands; Technical characteristics and methods of measurement

[ETSI EN 301 908-2 V13.0.1 \(2020-03\)](#) IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE)

[ETSI EN 301 489-4 V3.3.0 \(2020-03\)](#) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment; Harmonised Standard for electromagnetic compatibility

[ETSI EN 300 338-6 V1.2.1 \(2020-03\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 6: Class M DSC

[ETSI EN 300 338-5 V1.3.1 \(2020-03\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 5: Handheld VHF Class H DSC

[ETSI EN 300 338-3 V1.3.1 \(2020-03\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 3: Class D DSC

[ETSI EN 300 338-2 V1.5.1 \(2020-03\)](#) Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 2: Class A DSC

[ETSI EN 300 113 V2.3.0 \(2020-03\)](#) Land Mobile Service; Radio equipment intended for the transmission of data (and/or speech) using constant or non-constant envelope modulation and having an antenna connector