



**Memorandum of Understanding
on Cooperation**



Ministry of Science and ICT
Central Radio
Management Service

between

**the International Telecommunication Union
and**

**the Central Radio Management Service
of the Ministry of Science and ICT of the Republic of Korea**

to

**assist the International Telecommunication Union (ITU) in
performing measurements related to cases of harmful interference
for which an administration is seeking the assistance of ITU.**

The International Telecommunication Union (hereinafter referred to as "ITU"), having its Headquarters at Place des Nations, Geneva, Switzerland represented by the Director of the Radiocommunication Bureau and

The Central Radio Management Service (hereinafter referred to as "CRMS") of the Republic of Korea, Songpa-daero 234, Songpa-gu, Seoul, the Republic of Korea, represented by the Director General of the Central Radio Management Service,

Hereinafter jointly referred to as the "Participants",

Recalling that the Constitution of ITU (No. 12) stipulates, in particular, that ITU shall "coordinate efforts to eliminate harmful interference between radio stations of different countries";

Recalling that the objectives of the ITU Radio Regulations (Nos. 0.7 and 0.8) are inter alia "to ensure the availability and protection from harmful

A handwritten signature in black ink, appearing to be 'HJ'.

A handwritten signature in black ink, appearing to be 'mscj'.

interference of the frequencies provided for distress and safety purposes” and “to assist in the prevention and resolution of cases of harmful interference between the radio services of different administrations”;

Recalling that the ITU Radio Regulations (No. 15.28) stipulate, in particular, that administrations undertake to act immediately when their attention is drawn to harmful interference on frequencies used for distress and safety and frequencies used for the safety and regularity of flight;

Recalling that the ITU Radio Regulations (No. 0.3) are founded on the principle that radio frequencies and any associated orbits, including the geostationary-satellite orbit, are limited natural resources to be used rationally, efficiently and economically;

Recalling that “to help ensure efficient and economical use of the radio-frequency spectrum and to help in the prompt elimination of harmful interference, administrations agree to continue the development of monitoring facilities and, to the extent practicable, to cooperate in the continued development of the international monitoring system” (No. 16.1 of the ITU Radio Regulations);

Recalling that “The international rights and obligations of administrations in respect of their own and other administrations' frequency assignments shall be derived from the recording of those assignments in the Master International Frequency Register...” (No. 8.1 of the ITU Radio Regulations);

Recalling that the Radiocommunication Bureau “...shall be solely responsible for maintenance of the Master Register...” (No. 13.4 of the ITU Radio Regulations);

Recalling that “Administrations shall, as far as they consider practicable, conduct such monitoring as may be requested of them by other administrations or by the Bureau” (No. 16.5 of the ITU Radio Regulations);

HL

mlg

Recalling that the ITU Radio Regulations (No. 17.2) contain provisions relating to the prohibition and prevention of “the unauthorized interception of radiocommunications not intended for general use of the public”;

Recalling that the ITU Radio Regulations (No. 17.3) contain provisions relating to the prohibition and prevention of the divulgence and disclosure of the contents of “publication or any use whatever...obtained by the interception of the radiocommunications mentioned in No. 17.2” of the ITU Radio Regulations; and

Noting the desire and the ability of concerned administrations to assist ITU, through monitoring stations located within their jurisdiction, in ensuring compliance with the provisions cited above;

Have reached the following understanding:

1. OBJECTIVE AND SCOPE

1.1 The objective of this Memorandum of Understanding is to establish the framework for the assistance provided to ITU by the Republic of Korea by means of its space monitoring earth station, the “Satellite Radio Monitoring Center”.

1.2 This MOU includes:

1.2.1 The procedure for dealing with assistance in the resolution of cases of harmful interference leading to a prompt resolution of the interference pursuant to Article 15 and No. 13.2 of the ITU Radio Regulations, as appropriate. This procedure is contained in Annex 1 to this MOU;

1.2.2 The procedure for dealing with a request by ITU for the provision of monitoring data in cases of reported interference arising out of coordination issues (ITU Radio Regulations Article 11, No.11.41). This procedure is contained in Annex 1 to this MOU;

2. DEFINITIONS

ITU	International Telecommunication Union represented, following signature of this MOU, by the Director of the Radiocommunication Bureau
Administration	Governmental department or service responsible for the monitoring station facilities
Station	The monitoring earth station located in Icheon-si, Gyeonggi-do
Operator	Entity responsible for the monitoring measurement
Reference number	A unique task number, to be provided by the station carrying out the task at the request of ITU

3. PROCEDURES

3.1 Placing orders

3.1.1 ITU may place orders via email to the Station, in line with the tasks described in Paragraph 1;

3.1.2 The Station will acknowledge promptly to ITU via email the receipt of the order specifying the Station's reference number and the expected commencement and duration of the task within the limits of available capacity;

3.1.3 The Station will reply promptly to ITU if there is no capacity available.



3.2 Execution of orders

3.2.1 For the execution of orders, the following rules will apply regarding priority:

3.2.1.1 Requests by ITU for measurements will be classed as priority 1 or 2 and, within each class of priority, will be processed in order of receipt;

3.2.1.2 Requests pertaining to cases of harmful interference, including cases involving distress and safety of life services and frequencies used for the safety and regularity of flights in the aeronautical service, will be classed as priority 1;

3.2.1.3 All other requests will be classed as priority 2;

3.2.1.4 The operator will compile a final report and forward it directly to ITU.

3.3 Contact

3.3.1 Each Participant will designate a focal point for coordination of all actions deemed necessary for the effective implementation of this MOU;

3.3.2 The initial contact with the Administration and the Operator will be established by ITU;



3.3.3 Regarding requests for assistance on cases of harmful interference, once initial contact has been established in accordance with §3.3.2 above, and subject to prior authorization by the Administration responsible for the Station, information may be exchanged directly between the Station and the satellite operator whose services are receiving harmful interference;

3.3.4 Annex 2 contains the list of contacts.

4. FINAL PROVISIONS

4.1 Resolution of Difference

Any difference arising from or relating to this MOU and/or its Annexes will be resolved amicably by direct negotiations between the Participants or by such other means as the Participants may jointly determine in writing.

4.2 Duration, termination and modification

4.2.1 This MOU is valid and effective for an indefinite period. It may, however, be terminated on the initiative of either Participant by giving the other Participant a six-month prior written notice.

4.2.2 In the event of termination, the necessary measures will be taken by the Participants to ensure that such termination is not prejudicial to ongoing tasks undertaken within the framework of this MOU.



4.2.3 This MOU may only be modified by mutual written consent of the Participants. Any such modification will become an integral part of this MOU. Each Participant will give full and sympathetic consideration to any proposal of modification made by the other Participant.

5. ENTRY INTO EFFECT

This MOU will enter into effect on the date on which it is signed by both Participants.

6. ENTIRE UNDERSTANDING

6.1 This MOU, together with its Annexes, represents the sole understanding between the Participants with respect to the subject matter hereof and supersedes all prior understandings, communications, negotiations or other arrangements, whether written or oral, between the Participants with respect to this subject matter.

6.2 Any and all annexes attached to this MOU form an integral part hereof. In the event of any conflict or discrepancy between this MOU, on the one hand, and any of its Annexes, on the other hand, the provisions of this MOU will prevail.

6.3 This MOU is not intended to create any legally binding rights or obligations under international law.



6.4 This MOU will be implemented subject to the availability of appropriated resources of the Participants.

SIGNED in duplicate at Busan, on 26 September 2017, in the English and Korean languages, all texts being equally valid. In case of any divergence of interpretation of this MOU, the English text will prevail.

For the International
Telecommunication Union



François Rancy
Director
Radiocommunication Bureau

For the Central Radio
Management Service of the
Republic of Korea



Sung Gye Moon
Director General
Central Radio Management Service

Date :

Place :

Date :

Place :

26 . Sep . 2017

Busan

Annex 1: Procedure for reporting and handling cases of harmful interference (priority 1 and 2)

For reporting and handling cases of harmful interference, full particulars will be provided using the information and procedures contained in Report ITU-R SM.2181* on the Use of Appendix 10 of the Radio Regulations, including geolocation information.

* Report ITU-R SM.2181 is available online at:
<http://www.itu.int/pub/R-REP-SM.2181>.

W

mlg

Annex 2: List of contacts

1. International Telecommunication Union (ITU)

ITU Radiocommunication Bureau CH-1211 Geneva 20 Switzerland	e-mail:	Space.monitoring@itu.int brmail@itu.int
	phone:	+41 22 730 5536

2. Central Radio Management Service

Central Radio Management Service Radio Operation Division Songpa-daero 234, Songpa-gu Seoul the Republic of Korea	e-mail:	theedge@korea.kr
	phone:	+82 2 3400 2467

3. The station

Satellite Radio Monitoring Center Satellite Management Division 100, Sinam-ro, Seolseong-myeon Icheon-si, Gyeonggi-do the Republic of Korea	e-mail:	ohs0301@korea.kr
	phone:	+82 31 644 5942

