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8 November 2018
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Director, Radiocommunication Bureau

**SUBMISSION BY THE ADMINISTRATION OF CHINA ON THE
INVESTIGATION OF INTERFERENCE CASES AND EFFORTS IN
ELIMINATION OF INTERFERENCE IN RESPONSE TO THE CONTRIBUTION
RECEIVED FROM THE ADMINISTRATION OF THE UNITED KINGDOM OF
GREAT BRITAIN AND NORTHERN IRELAND REQUESTING
CONSIDERATION OF INTERFERENCE ISSUES AFFECTING UK HF
BROADCASTING STATIONS**

The attached submission from the Administration of China on the investigation of interference cases and efforts in elimination of interference provides comments to the submission received from the Administration of the United Kingdom of Great Britain and Northern Ireland, as contained in [Document RRB18-3/9](#), is for the consideration of the Radio Regulations Board.

Annex

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RG/547/2018

Beijing, P.R. China

6 November 2018

To: The Director
Radiocommunication Bureau
International Telecommunication Union (ITU)
Places des Nations
1211 Geneva 20
Switzerland

Subject: Note on China's investigation of interference cases and efforts in elimination of interference

Reference: Document RRB18-3/9 dated 5 November, 2018

Dear Mr. François Rancy,

Having noted the submission made by the UK administration to the 79th Radio Regulations Board (RRB) meeting, this administration would like to provide its comments as attached. We respectfully ask you to forward these comments to the forthcoming RRB meeting for its consideration.

Yours faithfully,

(Signed)

Yuansheng XIE
Director-General
Bureau of Radio Regulation, MIIT

Attachment: Note on China's investigation of interference cases and efforts in elimination of interference

Attachment

NOTE ON CHINA'S INVESTIGATION OF INTERFERENCE CASES AND EFFORTS IN ELIMINATION OF INTERFERENCE

China respects the Radio Regulations and is committed to maintaining its important role in the development of various radiocommunication services and the resolution of frequency disputes. To this end, China has always maintained proactive bilateral coordination with its UK counterpart in an effort to solve interference cases. Our recent monitoring shows an obvious improvement in the interference situation and we believe that substantial achievements have been made in the work previously carried out by the two sides.

I. Description of the interference investigation

China has consistently treated harmful interference cases under the provisions of the Radio Regulations. Complaints from the UK administration regarding HF interference have been acknowledged promptly. Monitoring and locating of the interference sources have been organized and conducted on the basis of the reference information provided by the UK. Based on our interference monitoring and locating, as well as on-site investigation, among the frequencies for which the UK administration filed a complaint: interference on 1 5310 kHz, 1 5285 kHz and 17 760 kHz does not originate from the territory of China and this finding has been communicated to the UK administration in our letter RG/055/2017 dated 23 January 2017; on frequencies 5 970 kHz, 6 195 kHz, 9 740 kHz, 11 695 kHz and 11 890 kHz, our monitoring has not found any interference signal. Neither have we found any interference sources at the locations specified by the UK administration; on frequencies 9 890 kHz, 13 865 kHz, 15 540 kHz, 17 780 kHz and 17 790 kHz, interference has been eliminated after our active and effective measures.

Since April this year, our monitoring has not found any interference emission within the territory of China on the frequencies for which complaints have been filed by the UK administration, which could reasonably suggest that previous efforts have yielded positive results.

II. Bilateral engagements between China and the UK

In order to properly handle the HF interference cases reported by the UK administration, the Administration of China sent a reply in January 2017 (RG/055/2017) to address various frequencies where the UK administration has filed interference complaints and proposed to hold bilateral meetings. After consultation and coordination, the two parties eventually met during the HFCC B17 meeting held in South Africa in August 2017. China briefed the UK on the progress made so far in HF interference cases while the latter proposed to sign a summary record of the meeting to reaffirm relevant provisions of the Radio Regulations. There might have existed differences between the two sides in their understanding of the objectives of bilateral discussions. We are of the view that the primary role of bilateral coordination is to facilitate effective communication with a view to eliminating interference in the end.

In February 2018, the UK administration requested assistance from the Radiocommunication Bureau of the International Telecommunication Union to organize bilateral talks between China and the UK. China was of the opinion that since a stable working-level contact had already been established, it was prepared to continue direct bilateral consultations with the UK side. At that time, in view of the still ongoing interference investigation, we believed that it was premature to organize bilateral meetings. Further arrangements on bilateral meetings can be discussed when progress has been achieved in the investigation of interference.

III. Proposals

Based on the above facts and in view of the technical difficulties and complications of HF interference investigations, the Administration of China wishes to emphasize that enormous efforts have been made to resolve interference complaints filed by the UK administration and that positive results have been achieved in preliminary work efforts. This administration will continue to fulfil its obligation of interference investigation as set in the Radio Regulations and wishes to resolve these matters together with the UK counterpart by consultation and coordination.

It goes beyond doubt that China has spared no effort in resolving the HF interference complaints reported by the UK administration. We are preparing a further submission with more details, which will be available in due course for discussion by the distinguished RRB members.
