

The Korea Communications Commission reshuffled

- Network Security Team and Space Radio Wave Center formed, Central Radio Management Office instituted at the director level to handle the metropolitan area, and National Radio Research Agency launched -

The Korea Communications Commission (KCC) announced that it would continue with its organizational reshuffling that commenced on August 19 (Friday) in order to respond to failures of broadcasting and communications services to cope with recent Internet security incidents, which have been worsening recently, and to better monitor and respond to sunspot activities. The reorganization is also aimed at improving the overall work efficiency of its affiliated organizations such as regional radio management offices.

Accordingly, the Network Security Team was newly installed at the KCC headquarters, and the Space Radio Wave Center was instituted under the Radio Research Agency. Regional radio management offices in the metropolitan area will be integrated into a Central Radio Management Office. The Radio Research Agency will be renamed the National Radio Research Agency.

The Network Security Team is intended to reinforce the ability to pre-empt and respond to mobile security threats, such as DDoS attacks and hacking attempts, which are becoming ever more sophisticated, organized and large-scale.

The Network Security Team of the Network Planning and Protection Division has been carrying out related policies, but to ensure more systematic and professional responses, the KCC has reinforced its manpower and instituted the Network Security Team as an official organization.

The Space Radio Wave Center is tasked with observing changes in the space radio wave environment caused by sunspot activity, developing a space radio wave forecast model, making forecasts, and issuing warnings of broadcasting and communication service failures. The center will also train space wave professionals and conduct research on the development of an orbiting solar observatory.

* If the space radio wave environment (e.g. the ionosphere and magnetosphere of the Earth) changes due to solar activities such as the bursting of sunspots, satellites may fail and radio signals may be seriously interrupted. Trouble may result, such as disconnection of broadcasting and communication services or the lifespan of critical satellites may be shortened.

The Space Radio Wave Center was planned in 2009 and mostly completed in December 2010 in the Jeju Special Self-Governing Province (Hanrim-eup, Jeju). It is equipped with an ionospheric sounder and magneto meter, and since installation has been providing basic observation, forecasting and warning services. As a

result of this organizational reshuffling, new manpower was assigned, including the director of the center (class 4). When a solar radio emission meter is purchased and the space radio wave forecasting and warning situation room installed in the second half of this year, the Space Radio Wave Center is expected to begin operations in earnest starting by the end of this year.

Also, the operational system of **the regional radio management offices** affiliated with the Central Radio Management Office, which manages radio waves and enforces broadcasting and communication policies, **will be reformed**. The Seoul Radio Management Office (located at Gung-dong, Guro-gu) in charge of Southern Seoul, Southern Gyeonggi and Incheon, and the Northern Seoul Radio Management Office (located in Uijeongbu, Gyeonggi-do Province) in charge of Northern Seoul and Northern Gyeonggi, will be integrated into the Central Radio Management Office, which will be headed by a director-level public officer (senior executive service), and take charge of the metropolitan area. The Northern Seoul Radio Management Office will become an office managed by the Central Radio Management Office.

The Radio Research Agency was renamed the National Radio Research Agency because of its expanded functionalities, including research on the effect of electromagnetic waves on the human body, broadcasting & communication standards, broadcasting & communication equipment testing and certification, and upgraded status thanks to the installation of the Space Radio Wave Center. As the name includes 'National,' it is now possible to prevent confusion with civilian research institutes having similar names.