

7 – NATIONAL MATTERS

Noted by the Republic of Korea

1. The status of eLoran and PNT development

The Ministry of Oceans and Fisheries, Republic of Korea, is pursuing a 'Maritime PNT Advanced Technology Development Project'. It includes to increase the accuracy of GPS error range 10m in current to 10cm and to develop the terrestrial wave integrated navigation technology(Ranging-Mode) to guarantee its error under 10m in GPS jamming.

For countering with GPS jamming, eLoran has operated in pilot service from 1st June this year, and an additional terrestrial transmitter station will be built by 2022.

2. The introduction of SMART AtoN R&D Project

In order to utilize core technologies of the 4th industrial revolution such as big data and AI (artificial intelligence), and to respond to changes in the future maritime environment such as autonomous ships (MASS), e-Navigation, and smart ports, Ministry of Oceans and Fisheries decided to promote a SMART AtoN R&D project to develop a digital AtoN system incorporating information and communication technology (ICT) and a AtoN information management center that can manage AtoN information and provide maritime services, and plans to invest about \$ 28 million from this year to 2025.