



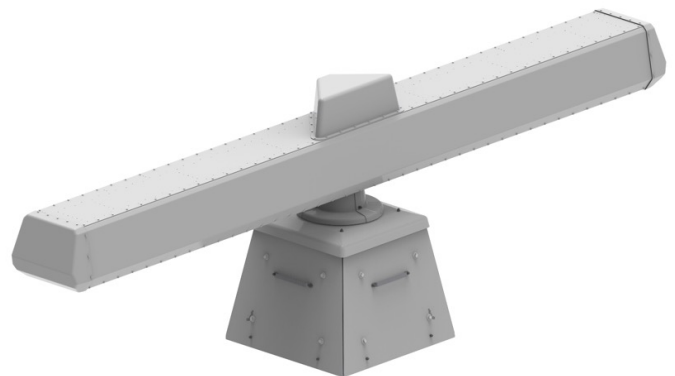
C-FLEX IFF

AIR SPACE CONTROL

C-Flex Identification Friend or Foe (IFF) is a secure identification system designed for Command and Control. IFF enables military and civilian air traffic control systems to identify aircrafts via a secure challenge response system to distinguish blue forces from neutral or hostile entities.

As an integrated part of Terma's C-Flex Command & Control platform, available flight information is fused and made available for the operator or for automatic processing.

C-Flex IFF gives the capability to receive IFF information sent by ships and aircrafts and to present them in C-Flex as individual plots and/or associated track information. C-Flex IFF uses the IFF antenna capability of the SCANTER surveillance radars and the azimuth signal from the surveillance radar to provide a 360-degree picture in synch with the plots and tracks reported by the radar.



Operational Capabilities

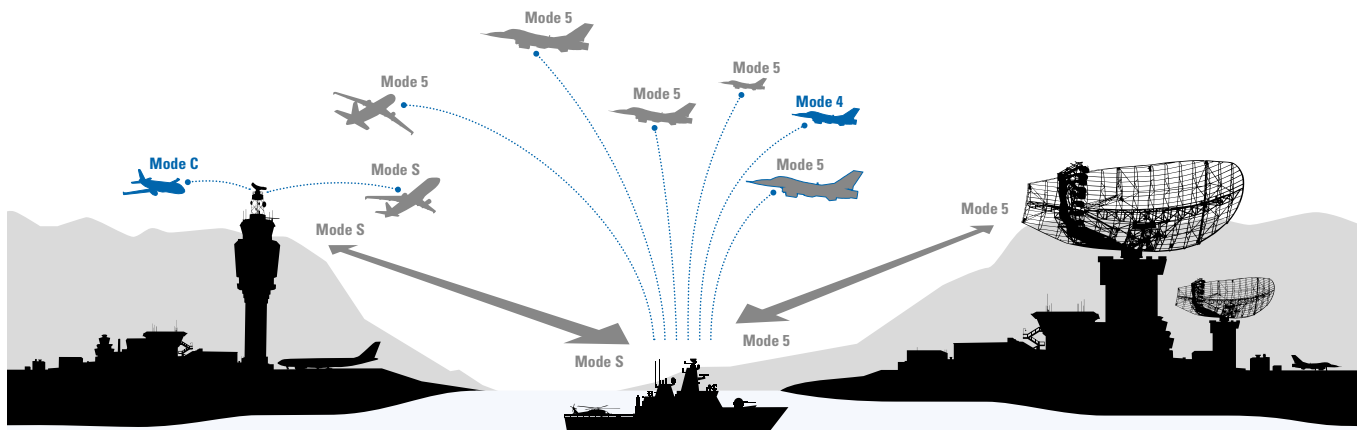
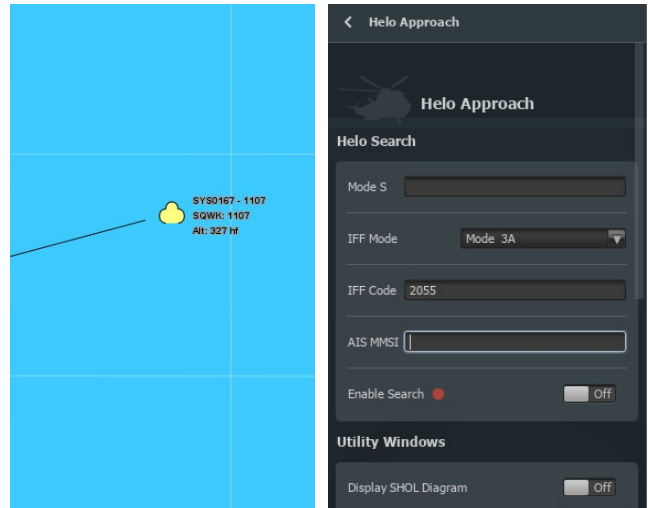
- Situational awareness in airspace
- Airspace control
- Airspace coordination

Value

- Secure identification of friendly units (civil and military) through IFF
- Combat ID via IFF mode 4 and 5
- Selective interrogation in military mode, minimizing own detection
- Passive identification of cooperative targets via ADS-B
 - Identification of aircrafts
 - Identification of vessels
 - Security of airspace
 - Monitor air traffic
 - Combat zone airspace control

Technical

- Support of IFF mode 1, 2, 3/A, C, S
- Support of IFF mode 4 and 5 (requires NATO encryption) supplied GFE
- IFF can be integrated into SCANTER radar antenna of fitted stand alone



Commercial Airport

C-Flex

Military Airfield

