

LCR-2020

Coastal and Land Surveillance

As threats become more sophisticated, conducting effective coastal and land border surveillance is increasingly difficult. L3Harris' latest generation of surveillance radar, the LCR-2020 product line, stands alone as a comprehensive gap-filler radar solution.

ALL WEATHER

The LCR-2020 radar system provides total situational awareness in the harshest of environments, including severe ground and sea clutter, heavy rain, and fog. Furthermore, the system can be configured for different frequency band subsets on an azimuth-sectored basis, thereby maximizing flexibility for site installation on land borders as well as coastlines. These capabilities are part of the LCR-2020's advanced frequency management system.

ALL THREATS

The LCR-2020's dual-beam antenna provides maximum detection and tracking of a wide range of airborne and surface threats. Frequency agility and electronic counter-countermeasures enable comprehensive protection against active and passive jamming threats in all mission environments.

ALL THE TIME

Highly reliable, the LCR-2020 maximizes availability and minimizes operation and maintenance costs through proven, autonomous, remote operation in severe weather environments with minimum on-site maintenance.



All Weather All Threats All the Time

BENEFITS

- > Offers advanced frequency management system to maximize target acquisition at the site installation
- > Protects against a wide range of mission threats using a dual-beam antenna and frequency agility
- > Minimizes operation and maintenance costs through on-site maintenance
- > Provides maximum operational availability with high reliability

LCR-2020

INTEROPERABLE

The LCR-2020 radar system's modular and open-architecture design enables multiple operational configurations, such as:

- > Stand-alone radar system
- > Networked radar system for a comprehensive sea-air picture
- > Integrated into an existing or future air defense network

ADAPTABLE

To ensure optimal performance in mixed environments, the LCR-2020 provides automatic sectorized operation in azimuth among different modes: sea, long-range air and long-range land. This feature

is ideal for littoral environments with waterways, peninsulas, and inlets to maintain air, sea, and land surveillance.

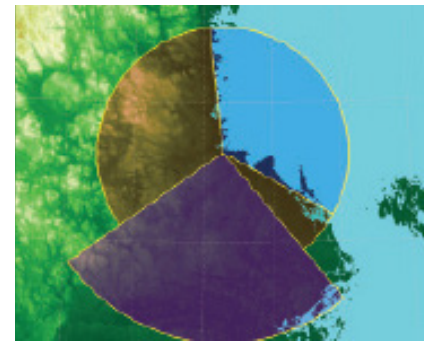
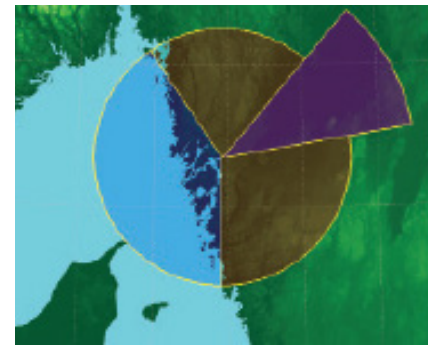
DEPLOYABLE

The LCR-2020's installation options maximize deployability to support a wide variety of coastal, land, and air defense surveillance missions:

- > Fixed — Installed at a fixed-site facility
- > Transportable — ISO shelter configuration for rapid deployment
- > Mobile — Mounted on a truck, trailer, or other suitable vehicle

FEATURES

- > Continued legacy of delivering surveillance radars for over 30 years
- > Over 40 systems delivered to date, supporting Air Force and Naval missions worldwide
- > Guaranteed spares and support for a minimum of 20 years



**AUTOMATIC SECTORIZED OPERATION:
ENSURES OPTIMAL PERFORMANCE
IN MIXED ENVIRONMENTS**

LCR-2020 SPECIFICATIONS

Operating Frequency	C band, NATO G band
Update Rate	10 seconds
Instrumented Range	100, 150 km
Ceiling	3 km
Elevation	25°

LCR-2020 MK

© 2019 L3Harris Technologies, Inc. | 07/2019

Non-Export Controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



L3HARRIS™
FAST. FORWARD.

1025 W. NASA Boulevard
Melbourne, FL 32919