

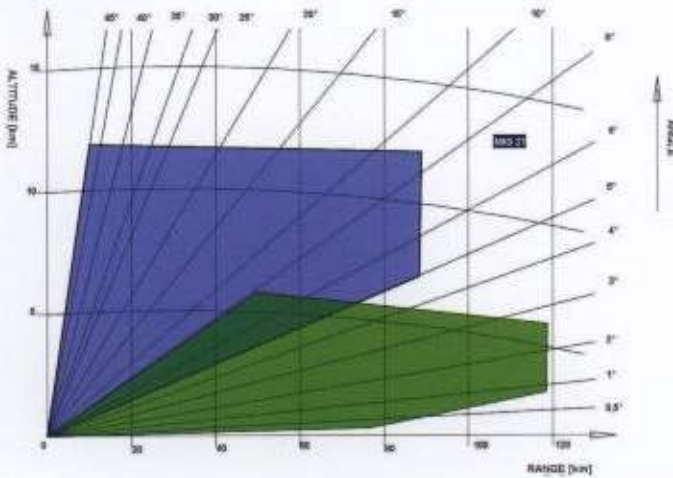
## Basic characteristics - Antenna unit

- Parabolic reflector antenna unit
- Circular/Elliptic EMW polarization
- Electronic alignment system
- Rotation rate: 7,5 or 15 r.p.m.
- Beamwidth: 1,3° to 1,5°
- Elevation scanning: up to 45°
- Gain: 33 dB

## SSR integration

- SSR interrogator: MARK X, MARK XII compatible, mode 3A/C, 1, 2 (4,5,S optionally)
- Peak pulse power: >1100 W
- Receiver sensitivity: >82,0 dBm
- Operating frequency: 1030 or 1090MHz
- Antenna type: AFF-400 monopulse planar array antenna
- Beam width: ≤ 6°
- Elevation scanning: up to 35°
- PRF: 50-2700 Hz
- Range: 340 km

## Coverage diagram



## Typical configuration



## References

Seven systems of MORAD-L were delivered for Slovak Armed Forces by the end of 2001.

