



RE: FRN 0004897138/ Metric Systems Corporation

Date: 16 March 2021

File Number: 0022-EX-PN-2021

Confirmation Number: EL643169

Purpose of Operation: To perform prototype testing of a water-seeking synthetic aperture radar (SAR).

Operation Start Date: 06-01-2021

Operation End Date: 01-31-2022

Transmitting Equipment:

Qty: 2 Beamtech Antenna(s)

Qty: 1 Metric Systems Corporation/ Desert Sea Radar

Location of Operation:

City: Imperial County Sand Dunes between Glamis, California and Yuma, AZ . See attached map

It covers an area of 18km radius with the following centroid coordinates:

Latitude 32.902678 ; Longitude -115.033767

Is directional antenna (other than radar) used? No

Exhibit submitted: Yes

Orientation in horizontal plane: 0

Orientation in vertical plane: 90

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? Yes

Overall height above ground to tip of antenna in meters: 1000 m

Elevation of ground at antenna site above mean sea level in meters: 500 m

Distance to nearest aircraft landing area in kilometers: 64.37 kilometers