

Metric Systems Corporation

FCC Application for Licensing; Application File Number 0022-EX-PN-2021 (San Diego, CA area)

Applicant Eligibility

Metric Systems Corporation, Carlsbad, CA, is a designer and manufacturer of wireless VHF and UHF broadband communications equipment.

Metric Systems Corporation is under contract with the University of Southern California to design and build prototype airborne SAR ground penetrating radar to detect and identify deep ground water aquifers at depths exceeding 100 meters. The working program name for this project is Desert Sea.

The radio frequency experimentation will be conducted in the defined geographic area noted in the licensing application.

Metric Systems Corporation is fully capable of monitoring and effectively managing the Desert Sea research project. At the test site, Metric Systems will deploy and maintain spectrum monitoring systems to identify and proactively minimize interference. A mobile monitoring station will monitor and map spillover emissions within a 20 km radius.

Metric Systems Corporation has expertise in radio spectrum management and measurement. This is evidenced by several staff members having distinct experience in the technology. These include, but are not limited to physicists and RF testing personnel.

The authorization is not to be used for the purpose of fulfilling the requirements of contract with an agency of the United States Government.