Harris Corporation
L3 Technologies, Communication Systems-West Program
File No.: 0055-EX-PN-2019 (to replace FCC File No. 0037-EX-PN-2018)
License: TBD
EXHIBIT I

Applicant Eligibility: 47 CFR 5.302

The proposed authorization is to replace a current experimental program authorization held by L3 Technologies, which is being acquired as part of a merger between L3 and Harris Corporation. All Transfer of Control applications for that proposed merger have been approved by the FCC in other applications, including ULS File No. 0008489177, and other experimental authorizations.[1] This proposal does not intend to change any of the substantive parameters of the current authorization, as noted in the heading above, except to note that Harris intends to retain the operating procedures and other expertise necessary to maintain these operations as currently authorized and will promptly notify the FCC as to any proposed material modifications to these operations.

Defined geographic area: the area defined for the proposed authorization is the main L3 Technologies CS-W campus located at 640 N 2200 W in Salt Lake City, Utah. The campus is made up of multiple building designated as Building C, D, E, F, and X and all have adjoining parking lots and green space. CS-W has occupied this space for over 60 years. As specified in the prior filing, this space is owned and occupied by L3 Technologies CS-W, and will be thus indirectly controlled by Harris Corporation, following any consummation of Harris's proposed acquisition of L3.

Institutional processes to manage research projects: Harris Corporation, with its to be acquired subsidiary, L3 Technologies, maintains a number of industry certifications required by the aerospace and defense department. For example, L3 Technologies CS-W is AS9100D, ISO9001, CMMI Level III, and ISO/IEC17025 certified. The CSW Quality Management System addresses the design, production and service of highly technical hardware and software products, which are primarily secure communication systems and devices.

Radio spectrum management expertise: Harris Corporation and its to-be-acquired subsidiary, L3 Technologies, design, manufacture, and test sophisticated wireless digital communication systems . These systems are used for line-of-sight, near line-of-sight, and beyond line-of-sight applications. These communications systems are used in ground based, mobile, and satellite applications for use on sea, land, air, and space. In particular, L3T CS-W products primarily operate in federal only or shared bands from L-band up to E-band.

Stop Buzzer Information (Post Transaction):

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[1] *See Experimental Transfer of Control File Nos.* 0003-EX-TU-2019, 0005-EX-TU-2019, 0007-EX-TU-2019, 0008-EX-TU-2019, 0009-EX-TU-2019, 0011-EX-TU-2019, 0012-EX-TU-2019, 0016-EX-TU-2019, 0018-EX-TU-2019, 0019-EX-TU-2019, & 0020-EX-TU-2019

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Application Background:
The purpose of this authorization is replace and update a current experimental authorization held by L3 Technologies to perform testing, debug, and experimentation on digital communication systems for federal and military line-of-sight and Satcom applications so that it may continue to be used following any closing of the proposed acquisition of control of L3 Technologies by Harris Corporation.

Concept of Operations:
Testing, debug, and experimentation will be performed on systems and subsystem equipment to verify their proper operation, identify performance under open-air conditions, debug problems that are occurring on deployed equipment, and validate models, waveforms and algorithms.

Spectrum Requirements:

The hardware will operate over a variety of federal only and shared frequency bands, utilizing a number of different standard and new waveforms. Experiment details will be provided on the program experiment registration website.

The location of these experiments will be on the L3 Technologies CS-W main campus adjacent to 700 north and 2200 west in Salt Lake City, UT designated by building C, D, E, F, and X.