

EXHIBIT IDENTIFICATION

STA REQUEST

<u>Exhibit No.</u>	<u>Description</u>
A	STA Request
B	Anti-Drug Statement

Exhibit-ID

ENGINEERING STATEMENT of NORWOOD J. PATTERSON

Re EXPERIMENTAL LICENSE and STA for

HARRIS CANADA, INC.

Harris Canada, Inc. ("Harris") is, and has been, a leading developer of the cellular radio system. They are continually upgrading and developing unique, user friendly radio base systems, hand held and transportable systems within their research and development (R&D) departments.

It is a known fact that even with the best R&D department, nothing can take the place of actual operation in the real world, at different locations, and under varying set of conditions. The data developed under actual operation in the real world often brings to light modifications, changes, and new techniques, which are then implemented in the final product. It is for these reasons that Harris needs the experimental license herein requested.

The 800 Systems, after final development, will process an application to the FCC for equipment authorization through our firm, Radio & Tv Engineering Company. Tests will be made to demonstrate that the 800 Systems meet all FCC Rules & Regulations for an equipment authorization to operate within the switched telephone system of cellular radio FCC §2 Subpart J and FCC §22 Subpart K.

Operation of this system at Trade Shows and at the Harris CBC building will offer an exceptional opportunity to get hands-on operation feed back from the public and corporate users.

This system is unique, as it is designed to bring cellular systems on a transportable system to remote sites such as resort areas, remote construction sites, rural and temporary areas. It is also unique in that it is expandable as the needs increase, from a small 3-trunk system to a 124-trunk system.

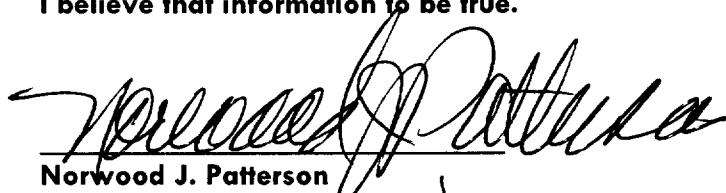
Within their R&D department, Harris has on line at this time the development of a new system known as the 800 base. This will be a large, more sophisticated system, and actual use of the experimental license within the next two years will be very beneficial with field input during the development process.

The systems being transportable lend to use within remote areas prone to natural disasters such as areas of repeated cyclones, tornadoes, floods and earthquakes. Input from users and the general public for these disaster usage is invaluable in the R&D development process.

CONCLUSION:

Harris continues on the cutting edge of new developments, as they were the first to develop the data transmission system of transmitter facilities via the cellular system in their 800 product. The FCC issued an experimental license in the 1990s and it was very helpful during the final R&D in the development of the 800 System. An STA for the CBC demonstration and a permanent experimental license for the next two years will serve the public in the development of their input to Harris during radio shows and demonstrations. This input is invaluable in the development of the final product of the 800 base systems. The operations requested are as outlined in FCC Rules ¶5.152(a) through (k). A waiver of FCC ¶5.152 is hereby requested (station ID). See Exhibit for technical specifications and product description. Also see Exhibit for Harris' Anti-Drug Statement.

I do hereby certify that I have prepared the enclosed data and, under penalty of perjury, that data of my own knowledge is correct. As to other information and belief, I believe that information to be true.


Norwood J. Patterson

Date 6-28-2000

Harris 800 Eng. Stmt.

CERTIFICATION RE ANTI-DRUG ACT OF 1988

By checking Yes, the applicant certifies that, in case of an individual applicant, he or she is not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C.862, or in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial or federal benefits, that includes FCC benefits, pursuant to that section. For a definition of a "party" for these purposes, see 47 C.F.R. 1.2002(b).

☒ Yes

☐ No

Harris Canada, Inc.



Norwood J. Patterson

Agent

Date 6-8-2000

FCC-Anti-Drug-Certification

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