



Department of State.

AMENDED CERTIFICATE OF AUTHORITY
OF
ERICSSON NETWORK PROJECTS INC.

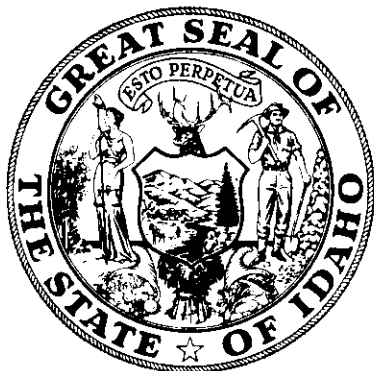
I, PETE T. CENARRUSA, Secretary of State of the State of Idaho, hereby certify that duplicate originals of an Application of **ERICSSON NETWORK PROJECTS INC.**

_____ for an Amended Certificate of Authority to transact business in this State, duly signed and verified pursuant to the provisions of the Idaho Business Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY and by virtue of the authority vested in me by law, I issue this Amended Certificate of Authority to **ERICSSON SYSTEMS, INC.**

_____ to transact business in this State under the name _____
ERICSSON SYSTEMS, INC. and attach hereto a duplicate original of the Application for such Amended Certificate.

Dated _____ **March 2** _____, 19 **87**.



Pete T. Cenarrusa
SECRETARY OF STATE

Lucy J. Clark
Corporation Clerk

APPLICATION FOR AMENDED CERTIFICATE
OF AUTHORITY

To the Secretary of State of the State of Idaho:

Pursuant to Section 30-1-118, Idaho Code, the undersigned corporation hereby applies for an amended certificate of authority to transact business in the State of Idaho and for that purpose submits the following statement.

1. A Certificate of Authority was issued to the corporation by your office on 4-8-

19 86, authorizing it to transact business in the State of Idaho under the name of _____

ERICSSON NETWORK PROJECTS, INC.

2. Its corporate name has been changed to ERICSSON SYSTEMS, INC.

(Note: If the corporation name has not been changed, insert "No change.")

3. The name which it shall use hereafter in the State of Idaho is _____

ERICSSON SYSTEMS, INC.

Note: If the corporate name has been changed and the new name of the corporation does not contain the word "corporation," "company," "incorporated," or "limited," or any abbreviation of one of such words, insert the name of the corporation with the word or abbreviation which it elects to add thereto for use in Idaho. If a professional service corporation, add the appropriate word in place of those listed above.)

4. It desires to pursue in the transaction of business in the State of Idaho purposes other than or in addition to those set forth in its prior application for certificate of authority, as follows:

NO CHANGE

(Note: If no additional purposes are proposed, insert "No change.")

Dated February 17, 19 87

ERICSSON SYSTEMS, INC.

By Richard G. Lyon,
Its Asst. VICE President

And Lawrence F. Lyles
Its Asst. Secretary

STATE OF TEXAS)
) ss:
COUNTY OF DALLAS)

I, Andrea Rowland, a notary public, do hereby certify that on this
17th day of February, 19 87, personally appeared

(continued on reverse)

before me Richard G. Lyon, who being by me first duly sworn,
declared that he is the Vice President of ERICSSON SYSTEMS, INC.

that he signed the foregoing document as Vice President of the corporation and
that the statements therein contained are true.

Andrea G. Rowland
Notary Public



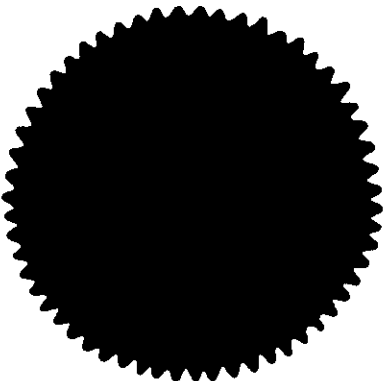
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State of DELAWARE

Office of SECRETARY OF STATE

I, Michael Harkins, Secretary of State of the State of Delaware,
do hereby certify that the "ERICSSON NETWORK PROJECTS INC.", filed a Certificate of
Amendment, changing its corporate title to "ERICSSON SYSTEMS, INC.", on the third day
of February, A.D. 1987, at 10 o'clock A.M.

In Testimony Whereof, *I have hereunto set my hand*
and official seal at Dover this twenty-fourth *day*
of February *in the year of our Lord*
one thousand nine hundred and eighty-seven.



Michael Harkins

Michael Harkins, Secretary of State