



Global Telecom Solutions Sector

April 14, 2004

Federal Communications Commission
Authorization & Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Re: Application for Cellular Transceiver Certification

Gentlemen:

Motorola Inc., 5555 North Beach Street, Fort Worth, Texas 76137, herein submits:
Application for Equipment Authorization (FCC Form 731) and Sections, for Certification of a
Cellular Transceiver, FCC ID: IHET5DX1. Motorola is also the manufacturer of this equipment.

Motorola requests that the Descriptive Information, Internal Photos, Parts List, and the following
Sections of the Schematics Exhibit be kept confidential:

- HP BBX1X- Hi Power Broadband Transceiver Card
- CCD - CDMA Clock Distribution Card
- CIO - Combiner Input/Output Card
- CSM1 - Clock Synchronization Module w/GPS
- CSM2- Clock Synchronization Module w/GPS
- GLI2 - Group Line Interface Card
- GLI3 – Group Line Interface Card
- HSO - High Stability Oscillator
- LFR – Low Frequency Receiver (Special Vendor Note)
- CLPA – Linear Power Amplifier
- MCC1X - Multi Channel CDMA Card
- MCC1X-DO - Multi Channel CDMA Card
- MPC3 - Multicoupler Preselector Card
- RGD – Remote GPS Distribution Card
- PAC – Power Alarm Card
- PSM – Power Supply Module
- SITE I/O – Site Input Output
- SPAN I/O – Spanline Input Output
- HP SW – Hi Power Switchboard



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The confidential portions have been identified as such in the subject heading of the exhibits. The filing fee includes \$145.00, the amount for a confidential filing.

This equipment has the capability to operate using Code Division Multiple Access (CDMA) on a spread spectrum signal operating in the cellular band. This more efficient modulation scheme can provide 3 to 10 times the number of available voice channels when compared to existing analog technologies. Technical details for this alternate cellular technology (permitted under the cellular service option provisions in section 22 Subpart H of the Commission's rules) related to certification of this equipment, are provided in the Statements of Certification Exhibit, and throughout the other exhibits.

Please contact me by telephone at (817) 245-7076, by Fax at (817) 245-6248, or by correspondence at the address herein if there are further questions or if additional information is needed concerning this filing.

Regards,

A handwritten signature in black ink, appearing to read 'Jim Morrison', with a long horizontal flourish extending to the right.

Jim Morrison
Engineering Manager
Integration, Test and Certification