



Global Telecom Solutions Sector

November 2, 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 PCS
Cellular Transceiver, FCC ID: IHET6EQ1. Motorola is also the manufacturer of this equipment.

Motorola requests that the Internal Photos, Parts List, and all Sections of the Schematics Exhibit (noted below) be kept confidential. These exhibits contain technical trade secret information and should be guarded from competitors as stated under the Code of Federal Regulations Title 47 Section 0.457 and 0.459.

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 24 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 be 'Jim Morrison'.

11-3-04

Jim Morrison
Engineering Manager
Integration, Test and Certification