



NVLAP ACCREDITED NARTE Certified Engineer Professional Engineer

**ELITE Electronic Engineering** 

TCB Services 1516 Centre Circle Downers Grove, IL 60515-1082

Re: quote: EEE-Q20555TCB

Re: Application for Certification of Fleetwood Group Inc. Transceiver

under 47CFR 15.247. FCC ID: **FBRLCK-EI** 

## Gentlemen:

On behalf of the applicant, Fleetwood Group Inc., please find attached the submittal materials for certification of the "elnstruction cpsRF® Response System", Model LCK-EI. This product, a part of Fleetwood Group's audience interaction technology, operates as a Frequency Hopping Spread Spectrum device within the 2400-2483.5MHz frequency band.

The complete List of the Exhibits in this submittal package appears on Page 2 of this cover letter.

Fleetwood Group Inc. has invested considerable resources into developing this product series. Pursuant to 47CRF 0.459, the Fleetwood Group requests that the Circuit Block Diagrams, Operational Description, and Schematics be held confidential. A formal letter addressing this request is reproduced in the file: EINK Request.doc.

The Federal Communications Commission will be notified, in writing, of any changes in the software/programming of the device that could affect the device's RF characteristics.

Your prompt consideration of this application for product certification will be greatly appreciated. Should you have any questions regarding the content of this report, kindly contact me.

Sincerely,

Ted Chaffee, Technical Lab Manager

Narte Certified Engineer, #EMC-002025-NE

Ted Cheffee

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447005.DOC

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Cover Letter / Table of Contents Total Pages 2 Total Pages 1 Letter for Confidentiality

**EXHIBIT A:** 

ID Label / Location [2.925,2.926,2.1033(b2,7),15.19(a3)]

EINK Label.pdf Total Pages 1

**EXHIBIT B**:

Description of Product [2.1033(b6)] Circuit Block Diagram [2.1033(b5)] Description of Operation [2.1033(b4)]

> EINK TechDesc.pdf Total Pages 6

EINK Schem.doc Total Pages 2 Schematic [2.1033(b5)]

**EXHIBIT C:** 

Product photos [2.1033(b7)]

Exterior views: Interior views;

Main Printed Circuit Board views; EINK\_Photos.pdf Total Pages 2

**EXHIBIT D**:

Total Pages 2 User's Manual EINK Manual.pdf

**EXHIBIT E:** 

Setup photos [2.1033(b8)] Four photos Total Pages 4

EXE pretest.jpg, EXE end.jpg, EXE flat.jpg, EXE Side.jpg

Report of Measurements [2.1033(b6)] **Total Pages 19** 

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Test Data [2.1033(b6)]

Summary of Results Page 6 Frequency Hopping Characteristics Page 10 Page 13 Radiated Field Strength [15.249(b)] Page 16

**Test Data of Harmonics** EInstruction RFk.pdf Total Pages 3

Misc. EXHIBIT:

RF Exposure Information [2.1093(c)] Total Pages 1