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July 27, 2000

# VIA FACSIMILE AND HAND DELIVERY

Ms. Sylvia Lam
Satellite Engineering Branch
International Bureau
Federal Communications Commission
Room No. 7-A346
445 12th Street, S.W.
Washington D.C. 20554

Lice 1 5 /5 / 1 - 1

Re: IWL Communications, Inc.

Call Sign E000105

FCC File Nos. SES-LIC-20000309-00315 and SES-STA-2000309-00316

EMBRATEL NON-INTERFERENCE LETTER

**FOR NEW EARTH STATION** 

Dear Ms. Lam:

On behalf of IWL Communications, Inc. ("IWL") and pursuant to your request, enclosed please find a non-interference letter from Embratel regarding the operations proposed in the above-referenced applications. Kindly associate this letter with the above-referenced applications. As discussed in my July 26, 2000 correspondence to you, this non-interference letter, combined with the antenna patterns and other non-interference letters forwarded to you yesterday, completes IWL's full response to your requests for additional information concerning the above-referenced applications.

As you are aware, IWL is currently operating this station pursuant to Special Temporary Authority ("STA") granted on May 31, 2000. This STA is scheduled to expire on July 31, 2000. Accordingly, to avoid any lapse in service, IWL respectfully requests your expedited review of the enclosed material to facilitate grant of underlying FCC Form 312 application for permanent authority prior to expiration of the STA.

Ms. Sylvia Lam July 27, 2000 Page 2

An original and three (3) copies of this filing are enclosed. Please date stamp and return the enclosed extra copy of this filing and contact us with any questions at (202) 295-8392. Thank you for your assistance with this matter.

Very truly yours,

Jeanne W. Stockman

cc: Catherine Wang



CapRock Communications Corporation 12000 Aerospace Avenue, Suite 200 Houston, Texas 77034 USA

1 3321 -31 55241

Fax: 1 281 482-9144

July, 27 2000

Dear Ms. Beuchaw:

Embratel operates the Brasilsat B3 satellite located at 84° West orbital position. We have reviewed your application Form FCC 312 concerning operation of an onboard C Band Transmit/Receive Satellite earth station in the Gulf of Mexico .As set forth in your application, you will be using a SeaTel 9697 2.4 meter antenna that will communicate with the GE-2 satellite at 85° West orbital location and carriers parameters as in annex .

I hereby certify that Embratel has no objection to this specific request of CapRock, provided that if the use of this antenna causes unacceptable interference to our system, CapRock will immediately terminate transmissions upon notice from Embratel

CapRock 24-hour point of contact to receive notice of and respond to interference issues is informed in the annex.

Manoel Carlos Paiva de Almeida Technical Regulatory Coordinator Satellite Business Unit



### **Annex**

## Points of contact, available 24 hours:

#### **Embratel**

Communications and Operations Control Center (COCC)

Tel.: + 55 21 519 4498 Fax.: +55 21 519 4294 Email: \( \infty \) \( \i

#### CapRock

Network Operation Center Tel .: + 1 281 996 4899

## Carrier main characteristics:

Satellite: GE-2 (85 Degrees W)
Transponder: 16C (Tx V/ Rx H)

Information rate/FEC: 384Kbps, FEC:1/2 + Reed Solomon 239/256

Occupied Bandwidth: 500KHz TX Frequency: 6249.925 MHz RX Frequency: 4024.325 MHz

EIRP: 48,7 dBW (ES maximum)

Agreement with CapRock - Earth Station in the Gulf Of Mexico - Satellite GE 2 at 85° W- July 27,2000 Page 2/2
Manoel Carlos Paiva de Almaida

Tel + 55 21 519 9156 Fax + 55 21 519 9221

Email: mcpaiva@embratel.com.br

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