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2001 PENNSYLVANIA AVENUE, N.W.
SUITE 400

WASHINGTON, D.C. 20006-1851
TELEPHONE (202) 659-3496

SES-STA-19990203-00135

STEPHEN J. BERMAN
(202) 429-4683

February 9, 1999

Granted
180 DAYS

FACSIMILE
(202) 296-6518

INTERNET
sberman@fwclz.com

WEBSITE
<http://www.fwclz.com>

VIA HAND DELIVERY

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

date: 02/12/99 - 08-12-99
SUBJECT TO PREVIOUS STA
authorized by:

Anne J. Bismar 2/12/99
signature

**Re: Request for Special Temporary Authority
File No. 681-DSE-MP/L-95**

Dear Ms. Salas:

On February 3, 1999, AMSC Subsidiary Corporation ("AMSC") requested that the Commission grant it special temporary authority ("STA") to operate half-duplex mobile earth terminals ("METs") with a transmit bandwidth of 20 kHz, manufactured by Vistar Telecommunications, Inc. ("Vistar"), under its above-captioned blanket license for mobile data terminals. (See attached.) AMSC's existing blanket license permits it to operate it up to 33,100 mobile data terminals, and, on behalf of AMSC, we hereby clarify that grant of this STA would allow it to operate up to 10,000 of these Vistar terminals.

In addition, AMSC indicated in its STA request that these Vistar terminals comply with NTIA's proposed limits on out-of-band emissions from terminals operating in the MSS L-band. Specifically, the Vistar terminals will comply with NTIA's proposed out-of-band emission limit of -70 dBW/MHz averaged over any 20 ms period for wide band emissions occurring between 1559-1605 MHz and -80 dBW/700 Hz for narrow band emissions occurring between 1559-1605 MHz, over a measurement bandwidth of 700 Hz. See Letter to Regina M. Keeney, Chief, International Bureau, from Richard D. Parlow, Associate Administrator, Spectrum Management, National Telecommunications and Information Administration (September 18, 1997).

Please address any questions concerning this matter to the undersigned.

Very truly yours,

Stephen J. Berman
Stephen J. Berman

cc: Harry Ng
Frank Peace
Tom Tycz

To *Ron*
Alpou

FISHER WAYLAND COOPER LEADER & ZARAGOZA L.L.P.
2001 PENNSYLVANIA AVENUE, N.W.
SUITE 400

WASHINGTON, D.C. 20006-1851
TELEPHONE (202) 659-3494

STEPHEN J. BERMAN
(202) 429-4683

February 9, 1999

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VIA HAND DELIVERY

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

**Re: Request for Special Temporary Authority
File No. 681-DSE-MP/L-95**

Dear Ms. Salas:

On February 3, 1999, AMSC Subsidiary Corporation ("AMSC") requested that the Commission grant it special temporary authority ("STA") to operate half-duplex mobile earth terminals ("METs") with a transmit bandwidth of 20 kHz, manufactured by Vistar Telecommunications, Inc. ("Vistar"), under its above-captioned blanket license for mobile data terminals. (See attached.) AMSC's existing blanket license permits it to operate it up to 33,100 mobile data terminals, and, on behalf of AMSC, we hereby clarify that grant of this STA would allow it to operate up to 10,000 of these Vistar terminals.

In addition, AMSC indicated in its STA request that these Vistar terminals comply with NTIA's proposed limits on out-of-band emissions from terminals operating in the MSS L-band. Specifically, the Vistar terminals will comply with NTIA's proposed out-of-band emission limit of -70 dBW/MHz averaged over any 20 ms period for wide band emissions occurring between 1559-1605 MHz and -80 dBW/700 Hz for narrow band emissions occurring between 1559-1605 MHz, over a measurement bandwidth of 700 Hz. See Letter to Regina M. Keeney, Chief, International Bureau, from Richard D. Parlow, Associate Administrator, Spectrum Management, National Telecommunications and Information Administration (September 18, 1997).

Please address any questions concerning this matter to the undersigned.

Very truly yours,



Stephen J. Berman

cc: Harry Ng
Frank Peace
Tom Tycz ✓



American Mobile

RECEIPT COPY

Lon C. Levin
Vice President and
Regulatory Counsel

February 3, 1999

PHONE: 703 758 6150
FAX: 703 758 6189
EMAIL: lon.levin@ammobile.com

VIA COURIER DELIVERY TO MELLON BANK

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

RECEIVED
FEB 11 1999

**Re: Request for Special Temporary Authority
File No. 681-DSE-MP/L-95**

Dear Mr. Caton:

AMSC Subsidiary Corporation ("AMSC") respectfully requests that the Commission grant it special temporary authority ("STA") to operate half-duplex mobile earth terminals ("METs") with a transmit bandwidth of 20 kHz under its above-captioned blanket license for mobile data terminals. On July 8, 1997, AMSC requested minor modification of this blanket license to permit the operation of these terminals on a permanent basis, and this application remains pending. (See attached.) Grant of the instant STA request, permitting operation of these terminals for 180 days, will not prejudice the Commission's consideration of the underlying minor modification request.

AMSC's existing half-duplex terminals have a transmit bandwidth of 5 kHz, consistent with its existing authorization. AMSC now intends to use METs manufactured by Vistar Telecommunications, Inc. ("Vistar"). Because of the nature of Vistar's traffic and the efficient design of the service, the Vistar terminals use very little spectrum; up to 50,000 Vistar terminals can operate on a single 20 kHz transmit channel and 5 kHz receive channel. Grant of this STA request is in the public interest, as these Vistar terminals will be used to efficiently transmit alarm and positional data, and other low-data-volume traffic from mobile units such as trucks, trailers, freight cars, and similar vehicles.

The additional terminals will operate within the parameters of AMSC's existing authorization. The level of out-of-band and spurious emissions from these terminals conforms to Section 25.202(f) of the Commission's rules and to the Memorandum of Understanding among the FCC, NTIA, and the FAA, thus providing sufficient protection to GPS and Glonass. These terminals also comply with NTIA's proposed limits on out-of-band emissions from terminals operating in the MSS L-band.

Ms. Magalie Roman Salas

February 3, 1999

Page 2

Attached hereto is a check made payable to the Federal Communications Commission for the sum of One Hundred Thirty Dollars (\$135.00) to cover the fee associated with this filing. AMSC hereby certifies that no party to this application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §853(a).

Please address any questions concerning this matter to the undersigned or to Bruce Jacobs at (202) 775-3543.

Very truly yours,



Lon C. Levin

cc: Harry Ng
Frank Peace
Tom Tycz

02-05-99 0358160 8160594 1 001 10



Mellon Bank

FISHER WAYLAND COOPER LEADER & ZARAGOZA LLP.
ATTORNEYS AT LAW
2001 PENNSYLVANIA AVENUE, N.W. SUITE 400
WASHINGTON, D.C. 20006-1851
202/6593494

SIGNET BANK, N.A. 15-80-814
WASHINGTON, D.C. 540

006389

Check No.
6389

PAY
TO THE
ORDER OF

ONE HUNDRED THIRTY-FIVE AND 00/100

DATE
02-04-99

AMOUNT
\$135.00

FEDERAL COMMUNICATIONS COMMISS
1919 M STREET, N.W.
WASHINGTON, DC 20554

Nathan R. Leader
AUTHORIZED SIGNATURE

⑆006389⑆ ⑆054000807⑆ 667⑆ 1040324⑆ ⑆0000013500⑆

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6389

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(1) LOCKBOX # 358160

FEDERAL COMMUNICATIONS COMMISSION

APPROVED BY OMB 3060-0589

REMITTANCE ADVICE

FCC/PAGE NO. 1 OF 1 FEB 04 1999

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SECTION A - PAYER INFORMATION

(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card)
Fisher Wayland Cooper Leader & Zaragoza L.L.P.
(3) TOTAL AMOUNT PAID (dollars and cents)
\$ 135.00
(4) STREET ADDRESS LINE NO. 1
c/o Fisher Wayland: SJB
(5) STREET ADDRESS LINE NO. 2
2001 Pennsylvania Avenue, N.W., Suite 400
(6) CITY
Washington
(7) STATE
DC
(8) ZIP CODE
20006
(9) DAYTIME TELEPHONE NUMBER (Include area code)
(202) 659-3494
(10) COUNTRY CODE (if not in U.S.A.)

ORIGINAL E900081

5K3-STA-19990204-00190

IF PAYER NAME THE AND APPLICANT NAME ARE DIFFERENT, COMPLETE SECTION B
IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C)

SECTION B - APPLICANT INFORMATION

(11) APPLICANT NAME (if paying by credit card, enter name exactly as it appears on your card)
AMSC Subsidiary Corporation
(12) STREET ADDRESS LINE NO. 1
10802 Parkridge Boulevard
(13) STREET ADDRESS LINE NO. 2
(14) CITY
Reston,
(15) STATE
VA
(16) ZIP CODE
20191
(17) DAYTIME TELEPHONE NUMBER (Include area code)
(703) 758-6000
(18) COUNTRY CODE (if not in U.S.A.)

Received

FEB 16 1999

Satellite and
Radio Communications Division
International Programs

COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEETS (FORM 159-C)

SECTION C - PAYMENT INFORMATION

(19A) FCC CALL SIGN/OTHER ID	(20A) PAYMENT TYPE CODE (PTC)	(21A) QUANTITY	(22A) FEE DUE FOR (PTC) IN BLOCK 20A	FCC USE ONLY
681-DSE-MA/1-95 (23A) FCC CODE 1 E900081	C G B	1	\$ 135.00	
(19B) FCC CALL SIGN/OTHER ID	(20B) PAYMENT TYPE CODE (PTC)	(21B) QUANTITY	(22B) FEE DUE FOR (PTC) IN BLOCK 20B	FCC USE ONLY
			\$	
(19C) FCC CALL SIGN/OTHER ID	(20C) PAYMENT TYPE CODE (PTC)	(21C) QUANTITY	(22C) FEE DUE FOR (PTC) IN BLOCK 20C	FCC USE ONLY
			\$	
(19D) FCC CALL SIGN/OTHER ID	(20D) PAYMENT TYPE CODE (PTC)	(21D) QUANTITY	(22D) FEE DUE FOR (PTC) IN BLOCK 20D	FCC USE ONLY
			\$	

SECTION D - TAXPAYER INFORMATION (REQUIRED)



American Mobile

Lon C. Levin
Vice President and
Regulatory Counsel

February 3, 1999

PHONE: 703 758 6150
FAX: 703 758 6189
EMAIL: lon.levin@ammobile.com

VIA COURIER DELIVERY TO MELLON BANK

Received

FEB 16 1999

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Satellite and
Radiocommunications Division
International Bureau

Re: Request for Special Temporary Authority
File No. 681-DSE-MP/L-95

Dear Mr. Caton:

AMSC Subsidiary Corporation ("AMSC") respectfully requests that the Commission grant it special temporary authority ("STA") to operate half-duplex mobile earth terminals ("METs") with a transmit bandwidth of 20 kHz under its above-captioned blanket license for mobile data terminals. On July 8, 1997, AMSC requested minor modification of this blanket license to permit the operation of these terminals on a permanent basis, and this application remains pending. (See attached.) Grant of the instant STA request, permitting operation of these terminals for 180 days, will not prejudice the Commission's consideration of the underlying minor modification request.

AMSC's existing half-duplex terminals have a transmit bandwidth of 5 kHz, consistent with its existing authorization. AMSC now intends to use METs manufactured by Vistar Telecommunications, Inc. ("Vistar"). Because of the nature of Vistar's traffic and the efficient design of the service, the Vistar terminals use very little spectrum; up to 50,000 Vistar terminals can operate on a single 20 kHz transmit channel and 5 kHz receive channel. Grant of this STA request is in the public interest, as these Vistar terminals will be used to efficiently transmit alarm and positional data, and other low-data-volume traffic from mobile units such as trucks, trailers, freight cars, and similar vehicles.

The additional terminals will operate within the parameters of AMSC's existing authorization. The level of out-of-band and spurious emissions from these terminals conforms to Section 25.202(f) of the Commission's rules and to the Memorandum of Understanding among the FCC, NTIA, and the FAA, thus providing sufficient protection to GPS and Glonass. These terminals also comply with NTIA's proposed limits on out-of-band emissions from terminals operating in the MSS L-band.

E900081 SES-STA-19990204-00190
AMSC SUBSIDIARY CORPORATION

STA dismissed 10/22/99. This
STA granted under SES-STA-19990203-00135

10802 PARKRIDGE BOULEVARD 703 758 6000
RESTON VIRGINIA 20191-5416 FAX 758 6111

Ms. Magalie Roman Salas

February 3, 1999

Page 2

Attached hereto is a check made payable to the Federal Communications Commission for the sum of One Hundred Thirty Dollars (\$135.00) to cover the fee associated with this filing. AMSC hereby certifies that no party to this application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §853(a).

Please address any questions concerning this matter to the undersigned or to Bruce Jacobs at (202) 775-3543.

Very truly yours,



Lon C. Levin

cc: Harry Ng
Frank Peace
Tom Tycz

4232-000

EGG... 08 1997

RECEIPT COPY ✓

FCC 7/8/97

10802 Parkridge Blvd
Reston VA 20191-5416



American Mobile Satellite Corporation

Lon C. Levin
Vice President

703 758 6150
FAX 758 6150
levin@skvce... com

July 8, 1997

Received

FEB 16 1999

Satellite and
Radiocommunications Division
International Bureau

VIA COURIER DELIVERY TO MELLON BANK

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

**Re: Request for Minor Modification
File No. 681-DSE-MP/L-95**

Dear Mr. Caton:

AMSC Subsidiary Corporation ("AMSC") respectfully requests that the Commission modify the above-referenced authorization to permit AMSC to operate half-duplex mobile earth terminals ("METs") with a transmit bandwidth of 25 kHz. Consistent with its current authorization, AMSC's existing half-duplex terminals have a transmit bandwidth of 5 kHz. AMSC now intends to use METs manufactured by Vistar Telecommunications, Inc. ("Vistar"), and transmissions from these terminals require a wider bandwidth than do transmissions from AMSC's existing terminals. This greater transmit bandwidth is required by Vistar's use of CDMA technology, which enables up to ten terminals to transmit simultaneously.

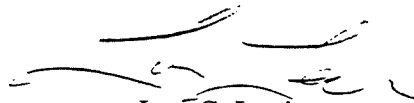
These Vistar terminals will otherwise operate within the parameters of AMSC's existing authorization. The level of out-of-band and spurious emissions from these terminals conforms to Section 25.202(f) of the Commission's rules and to the Memorandum of Understanding among the FCC, NTIA, and the FAA, thus providing sufficient protection to GPS and GLONASS.

Attached hereto is a check made payable to the Federal Communications Commission for the sum of One Hundred Thirty Dollars (\$130.00) to cover the fee associated with this filing. AMSC hereby certifies that no party to this application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §853(a).

Mr. William F. Caton
July 8, 1997
Page 2

Please address any questions concerning this matter to the undersigned or to Bruce Jacobs
at (202) 775-3543.

Very truly yours,

A handwritten signature in black ink, appearing to read "Lon C. Levin", with several horizontal strokes extending to the left and right.

Lon C. Levin

cc: Harry Ng
Frank Peace
Steve Sharkey

FEDERAL COMMUNICATIONS COMMISSION
FCC REMITTANCE ADVICE

Approved by O:
 3060-0589
 Expires 2 28 9

PAGE NO. 1 OF 1

(RESERVED)

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(Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

(1) FCC ACCOUNT NUMBER: 0530190523 | Did you have a number prior to this? Enter it. | (2) TOTAL AMOUNT PAID (dollars and cents): \$ 130.00

(3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card): Fisher Wayland:SJB

Received

(4) STREET ADDRESS LINE NO. 1: 2001 Pennsylvania Avenue, N.W., #400
 (5) STREET ADDRESS LINE NO. 2:

FEB 16 1999

(6) CITY: Washington | (7) STATE: DC | (8) CITY/STATE OR COUNTRY CODE: Satellite and telecommunications International Bureau 20006
 (9) DAYTIME TELEPHONE NUMBER (Include area code): (202) 659-3494 | (10) COUNTRY CODE (if not U.S.A.):

ITEM #1 INFORMATION

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR: AMSC Subsidiary Corporation | FCC USE ONLY
 (12A) FCC CALL SIGN/OTHER ID: 681-DSE-MP/L-95 | (13A) ZIP CODE: 22091 | (14A) PAYMENT TYPE CODE: C G B | (15A) QUANTITY: 1 | (16A) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14: \$ 130.00
 (17A) FCC CODE 1: | (18A) FCC CODE 2:
 (19A) ADDRESS LINE NO. 1: 10802 Parkridge Blvd. | (20A) ADDRESS LINE NO. 2: | (21A) CITY/STATE OR COUNTRY CODE: Reston, VA

ITEM #2 INFORMATION

(11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR: | FCC USE ONLY
 (12B) FCC CALL SIGN/OTHER ID: | (13B) ZIP CODE: | (14B) PAYMENT TYPE CODE: | (15B) QUANTITY: | (16B) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14: \$
 (17B) FCC CODE 1: | (18B) FCC CODE 2:
 (19B) ADDRESS LINE NO. 1: | (20B) ADDRESS LINE NO. 2: | (21B) CITY/STATE OR COUNTRY CODE:

CREDIT CARD PAYMENT INFORMATION

(22) MASTERCARD/VISA ACCOUNT NUMBER:
 Mastercard Visa | EXPIRATION DATE: | Month Year
 (23) I hereby authorize the FCC to charge my VISA or Mastercard for the service(s)/authorization(s) herein describe. | AUTHORIZED SIGNATURE | DATE

FISHER WAYLAND COOPER LEADER & ZARAGOZA L.L.P.
ATTORNEYS AT LAW
2001 PENNSYLVANIA AVENUE, N.W. SUITE 400
WASHINGTON, D.C. 20006-1851
202/659-3494

SIGNET BANK, N.A. 15-80-814
WASHINGTON, D.C. 540

002198

PAY

TO THE
ORDER OF

ONE HUNDRED THIRTY AND 00/100

Check No.
2198

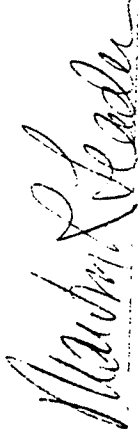
DATE

07-08-97

AMOUNT

\$130.00

FEDERAL COMMUNICATIONS COMMISS
1919 M STREET, N.W.
WASHINGTON, DC 20554



AUTHORIZED SIGNATURE

MP

⑈002198⑈ ⑆054000807⑆ 667001040324⑈

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Other

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2001 PENNSYLVANIA AVENUE, N.W.
SUITE 400
WASHINGTON, D.C. 20006-1851

Filers Account Number 1342

Name of Applicant AMSC

Certification of Pick Up

I Hereby certify that the F.C.C. Application/Report/Other described above was picked up by me
on _____ day of _____ 199____.
By: [Signature] Date: 7/8 Time: _____

Certification of Delivery

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tendered to the Mellon Bank in Pittsburgh, PA. on _____ day of _____ 199____.
By: [Signature] Date: 7/8 Time: _____