

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K O 2 X D O
(Call Sign)

XD MO
(Class of station)

S-3199-EX-98
(File number)

NAME BST, Inc.

Las Vegas, NV; NL 36-10-12, WL 116-08-38
(Location of station)

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency (MHz)	Authorized Power (watts)	Emission Designator
1948	4 W (output)	17M0F9W
1965	4 W (output)	17M0F9W
1982	4 W (output)	17M0F9W
2557	4 W (output)	17M0F9W
2574	4 W (output)	17M0F9W
2591	4 W (output)	17M0F9W

Special Conditions:

(1) Operation in the 1930 - 1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.

(2) Operation on 2557, 2574 and 2591 MHz requires consent of ITFS/MDS licensees to avoid interference.

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective February 27, 1998 and
will expire 3:00 A.M. EST. March 2, 1998



S-3199-EX-98

ORIGINAL

BOOTH, FRERET, IMLAY & TEPPER, P.C.

ATTORNEYS AT LAW

CHRISTOPHER D. IMLAY
CARY S. TEPPER

DAN L. WARNOCK*
*ADMITTED IN UTAH

5101 WISCONSIN AVENUE, N.W.
SUITE 307
WASHINGTON, D.C. 20016-4120

TELEPHONE: (202) 686-9600
FACSIMILE: (202) 686-7797

ROBERT M. BOOTH, JR. (1911-1981)
JULIAN P. FRERET (RETIRED)

February 23, 1998

Experimental Licensing Branch
New Technology Development Division
Office of Engineering and Technology
2000 M Street, N.W. Suite 230
Washington, D.C. 20554

Attention: Mr. Carl Huie / Mr. Doug Young

Re: Request for Special Temporary Authority
for Use of Certain 2 GHz frequencies; BST,
Inc. (formerly Broadcast Sports Technology);
**February 27 to March 1, 1998; Las Vegas,
Nevada**

Gentlemen:

This office represents BST, Inc., (formerly Broadcast Sports Technology), a manufacturer and provider of video transmission equipment for remote video and film production at sporting events, and in particular, automobile racing competitions. Your office has been most helpful and responsive in the past with respect to grant of an experimental license and STAs for testing and use of new products of BST. These include new RF cameras that have now been type accepted and are used regularly in race cars for video transmission. BST is preeminent in this field, due in large part to the Commission's receptive approach to experimental and STA authorization for testing of these devices.

BST presently holds an STA for certain 2.3-2.4 GHz frequencies for testing and operation of RF camera equipment. As in each of the past three years, BST intends to utilize numerous in-car cameras simultaneously, during a stock car race at the speedway in Las Vegas, Nevada. The video will be relayed to helicopters and then to a video production vehicle on site. The frequencies listed below are to be used for downlinked video from the helicopter to the ground using a highly directional antenna pointed downward. As such, the potential for interference to any licensee nearby is negligible. Most of the broadcast auxiliary frequencies which BST would normally request are unavailable, as they are to be used by Part 74 licensees on site. Therefore, in addition to the frequencies for which BST has existing authority to use at 2.3 GHz,

Messrs. Carl Huie and Doug Young
February 23, 1998
Page 2

we hereby request, for the period February 27 to March 1, 1998, STA use of the following frequencies:

Frequency (MHz)	Power (watts)	Emission Designator
1948	4 (output)	17M0F9W
1965	4 (output)	17M0F9W
1982	4 (output)	17M0F9W
2557	4 (output)	17M0F9W
2574	4 (output)	17M0F9W
2591	4 (output)	17M0F9W

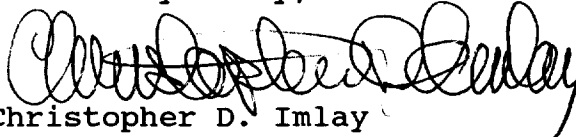
All operation will be on a non-interference basis to licensed users of these frequencies.

BST was granted special temporary authority to utilize these frequencies in February and July of last year and February of this year (reference call sign KO2XDO, File No. S-3169-EX-98) premised on prior coordination with the PCS and ITFS/MDS licensees in the area. BST has coordinated use of the requested frequencies with all such entities and has obtained their concurrence, as was done in previous instances.

The location of the site is N 36° 10' 12", W 116° 08' 38". All operation will cease on these frequencies upon reports of interference. The contact person is Peter Larsson, who can be reached at 1-410-672-3900 or by facsimile at 1-410-672-3906. Notices may also be sent to this office.

The original of this STA request is being filed in Pittsburgh, together with the requisite filing fee in the amount of \$45.00, by check of this office payable to the Commission. Copies of the check and the FCC Fee Form are attached hereto as evidence of filing today. **We appreciate your prompt review of this urgent request due to the short timetable available, and apologize for the short notice.** Should any question arise concerning this request, kindly notify the undersigned counsel.

Yours very truly,


Christopher D. Imlay

cc: Peter Larsson

If IMAGE SAFE logo in light gray tone is not present on back of document - Do not cash.

BOOTH, FRERET, IMLAY & TEPPER PC

5101 WISCONSIN AVENUE, N.W. SUITE 307
WASHINGTON, DC 20016-4120

1901

Feb. 23 19 98 \$

15-120/540
0009

PAY
TO THE
ORDER OF Federal Communications Commission

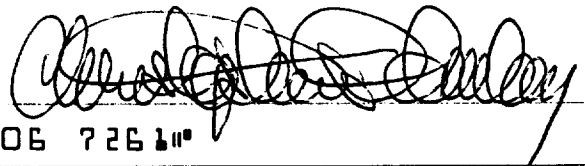
\$ 45.00

Forty-five and no/100----- DOLLARS

NationsBank

NationsBank, N.A.
District of Columbia

FOR BST



⑈001901⑈ ⑆054001204⑆ 193 306 7261⑈

READ INSTRUCTIONS CAREFULLY
BEFORE PROCEEDING

FEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE

APPROVED BY OMB 3060-0589

(1) LOCKBOX # 358320

PAGE NO. 1 OF 1

SPECIAL USE
FCC USE ONLY

SECTION A - PAYER INFORMATION

(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card)		(3) TOTAL AMOUNT PAID (dollars and cents)
BST, Inc.		\$
(4) STREET ADDRESS LINE NO. 1		
1360 Blair Drive		
(5) STREET ADDRESS LINE NO. 2		
Suite A		
(6) CITY	(7) STATE	(8) ZIP CODE
Odenton	MD	21113
(9) DAYTIME TELEPHONE NUMBER (include area code)		(10) COUNTRY CODE (if not in U.S.A.)
(410) 672-3900		

IF PAYER NAME AND THE 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)		
Booth, Freret, Imlay & Tepper, P.C.		
(12) STREET ADDRESS LINE NO. 1		
5101 Wisconsin Avenue, NW		
(13) STREET ADDRESS LINE NO. 2		
Suite 307		
(14) CITY	(15) STATE	(16) ZIP CODE
Washington	DC	20016-4120
(17) DAYTIME TELEPHONE NUMBER (include area code)		(18) COUNTRY CODE (if not in U.S.A.)
(202) 686-9600		

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
K02KD0	E A E	1	\$ 45.00	
(23A) FCC CODE 1		(24A) FCC CODE 2		
(19B) FCC CALL SIGN/OTHER ID	(20B) PAYMENT TYPE CODE (PTC)	(21B) QUANTITY	(22B) FEE DUE FOR (PTC) IN BLOCK 20B	FCC USE ONLY
			\$	
(23B) FCC CODE 1		(24B) FCC CODE 2		
(19C) FCC CALL SIGN/OTHER ID	(20C) PAYMENT TYPE CODE (PTC)	(21C) QUANTITY	(22C) FEE DUE FOR (PTC) IN BLOCK 20C	FCC USE ONLY
			\$	
(23C) FCC CODE 1		(24C) FCC CODE 2		
(19D) FCC CALL SIGN/OTHER ID	(20D) PAYMENT TYPE CODE (PTC)	(21D) QUANTITY	(22D) FEE DUE FOR (PTC) IN BLOCK 20D	FCC USE ONLY
			\$	
(23D) FCC CODE 1		(24D) FCC CODE 2		

SECTION D - TAXPAYER INFORMATION (REQUIRED)

(25) PAYER TIN	0 5 2 1 9 3 3 1 1 3	(26) COMPLETE THIS BLOCK ONLY IF APPLICANT NAME IS DIFFERENT FROM PAYER NAME IN A-21	APPLICANT TIN	0 5 2 1 9 7 7 3 2 7
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SECTION E - CERTIFICATION

(27) CERTIFICATION STATEMENT

I, _____, Certify under penalty of perjury that the foregoing and supporting information are true and correct to the best of my knowledge, information and belief.

(PRINT NAME)

SIGNATURE _____

SECTION F - CREDIT CARD PAYMENT INFORMATION

(28) MASTERCARD	MASTERCARD/VISA ACCOUNT NUMBER	EXPIRATION DATE
		MONTH YEAR
VISA	I hereby authorize the FCC to charge my VISA or MASTERCARD for the services/authorizations herein described.	AUTHORIZED SIGNATURE DATE

READ INSTRUCTIONS CAREFULLY
BEFORE PROCEEDING

FEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE

APPROVED BY OMB 3060-0589

(1) LOCKBOX # 358320

PAGE NO. 1 OF 1

SPECIAL USE

FCC USE ONLY

SECTION A - PAYER INFORMATION

(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card)

BST, Inc.

(3) TOTAL AMOUNT PAID (dollars and cents)

\$ 45.00

(4) STREET ADDRESS LINE NO. 1

1360 Blair Drive

(5) STREET ADDRESS LINE NO. 2

Suite A

(6) CITY

Odenton

(7) STATE

MD

(8) ZIP CODE

21113

(9) DAYTIME TELEPHONE NUMBER (include area code)

(410) 672-3900

(10) COUNTRY CODE (if not in U.S.A.)

IF PAYER NAME AND THE 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)

Booth, Freret, Imlay & Tepper, P.C.

(12) STREET ADDRESS LINE NO. 1

5101 Wisconsin Avenue, NW

(13) STREET ADDRESS LINE NO. 2

Suite 307

(14) CITY

Washington

(15) STATE

DC

(16) ZIP CODE

20016-4120

(17) DAYTIME TELEPHONE NUMBER (include area code)

(202) 686-9600

(18) COUNTRY CODE (if not in U.S.A.)

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

K02KD0

(20A) PAYMENT TYPE CODE (PTC)

E

A

E

1

(22A) FEE DUE FOR (PTC) IN BLOCK 20A

\$ 45.00

FCC USE ONLY

(23A) FCC CODE 1

(24A) FCC CODE 2

(19B) FCC CALL SIGN/OTHER ID

(20B) PAYMENT TYPE CODE (PTC)

(21B) QUANTITY

(22B) FEE DUE FOR (PTC) IN BLOCK 20B

FCC USE ONLY

(23B) FCC CODE 1

(24B) FCC CODE 2

(19C) FCC CALL SIGN/OTHER ID

(20C) PAYMENT TYPE CODE (PTC)

(21C) QUANTITY

(22C) FEE DUE FOR (PTC) IN BLOCK 20C

FCC USE ONLY

(23C) FCC CODE 1

(24C) FCC CODE 2

(19D) FCC CALL SIGN/OTHER ID

(20D) PAYMENT TYPE CODE (PTC)

(21D) QUANTITY

(22D) FEE DUE FOR (PTC) IN BLOCK 20D

FCC USE ONLY

(23D) FCC CODE 1

(24D) FCC CODE 2

SECTION D - TAXPAYER INFORMATION (REQUIRED)



FAX COVER SHEET

Page 1 of 2 pages

DATE: February 23, 1998

FROM: Douglas A. Young 1300 - E1
FEDERAL COMMUNICATIONS COMMISSION
Experimental Licensing Branch
2000 M Street, Suite 230
Washington, DC 20554

PHONE: (202) 418-2440

FAX: (202) 418-1918

TO: Mr. Christopher D. Imlay
NAME

Booth, Freret, Imlay & Tepper, P.C.
COMPANY

(202) 686 - 9600 (202) 686 - 7797
PHONE FAX

Mr. Imlay:
Here is a copy of BST, Inc.'s STA for station KO2XDO, File
Number S-3199-EX-98. The original license will be mailed to
the licensee upon receipt of the original application.

Doug Young