

**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-3169-EX-98
(File number)

NAME BST, Inc.

Daytona Speedway, Daytona, FL
(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 2, 1998 and
will expire 3:00 A.M. EST. February 16, 1998



5-3169-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)

January 29, 1998

Federal Communications Commission
Equipment Approval Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

Attention: Mr. Doug Young
Experimental Licensing Branch

*OK'd by Nancy Naim,
MMB, for short-term,
low-power use from
telcom of 1/30/98.
DJ*

Re: Request for Special Temporary Authority
for Use of Certain 2 GHz frequencies;
BST, Inc. (formerly Broadcast Sports
Technology); **February 1-15, 1997, at
Daytona, Florida.**

Dear Mr. Young:

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 two years, BST intends to utilize numerous in-car cameras simultaneously during the Daytona stock car race in Daytona, Florida, at the speedway. 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,

Mr. Doug Young
January 29, 1998
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we hereby request, for the period February 1 through 15, 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

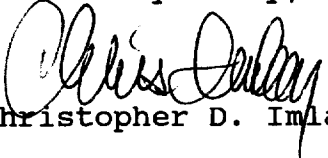
All operation will be on a non-interference basis to licensed users of these frequencies.

BST was granted special temporary authority to utilize these frequencies in February and July of last year (reference call sign KO2XDO, File No. S-2304-EX-96) premised on prior coordination with the ITFS licensees in the area (Daytona Beach Community College and Volusia County School Board). BST has coordinated use of the requested frequencies with these same entities now and has obtained their concurrence, as was done in previous instances.

The location of the Daytona Speedway is N 29° 10.9', W 81° 3.4'. 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. Imley

cc: Peter Larsson
BST, Inc.

READ INSTRUCTIONS CAREFULLY
BEFORE PROCEEDING

FEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE

APPROVED BY OMB 3060-0589

358320

(1) LOCKBOX #

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)

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

(3) TOTAL AMOUNT PAID (dollars and cents)

\$ 45.00

(4) STREET ADDRESS LINE NO. 1

5101 Wisconsin Avenue, NW

(5) STREET ADDRESS LINE NO. 2

Suite 307

(6) CITY

Washington

(7) STATE

DC

(8) ZIP CODE

20016-4120

(9) DAYTIME TELEPHONE NUMBER (include area code)

(202) 686-9600

(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)

BST, Inc.

(12) STREET ADDRESS LINE NO. 1

5101 Wisconsin Avenue, NW

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

(20A) PAYMENT TYPE CODE (PTC)

E

A

E

(21A) QUANTITY

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 2, 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

PHONE

(202) 686 - 7797

FAX

Mr. Imlay:

Here is a copy of BST, Inc.'s STA for station KO2XDO, File Number S-3169-EX-98. The original license will be mailed to the licensee upon receipt of the original application.

Doug Young
