

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-2809-EX-97
 (File number)

NAME BST, Inc.

Daytona 500, 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 15, 1997 and
 will expire 3:00 A.M. EST. February 17, 1997



5-2809-EX-97

ORIGINAL

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

ATTORNEYS AT LAW

CHRISTOPHER D. IMLAY
CARY S. TEPPER

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

1233 20TH STREET, N.W., SUITE 204
WASHINGTON, D.C. 20036-2304

TELEPHONE: (202) 296-9100
FACSIMILE: (202) 293-1319

February 10, 1997

Experimental Licensing Branch
New Technology Development Division
Office of Engineering and Technology
Federal Communications Commission
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 15-16, 1997, at
Daytona, Florida.**

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 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

Federal Communications Commission
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C1, C2, C3, C4 2548
D1, D2, D3, D4, 2554
E1 2560
2566
2572
2578
2584

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, we hereby request, for the period February 15 through 16, 1997, STA use of the following frequencies: 2590 2596

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

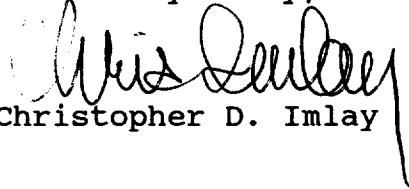
All operation will be on a non-interference basis to licensed users of these frequencies.

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. Imlay

cc: Peter Larsson
Broadcast Sports Technology

**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-2304-EX-96
(File number)

NAME Broadcast Sports Technology
Daytona 500, 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	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 is on a non-interference basis to licensed users of these frequencies.

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 17, 1996 and
will expire 3:00 A.M. EST. February 19, 1996



BST, Inc.
1360 Blair Drive, Suite A
Odenton, MD 21113

Section 5301 Anti-Drug Abuse Certification

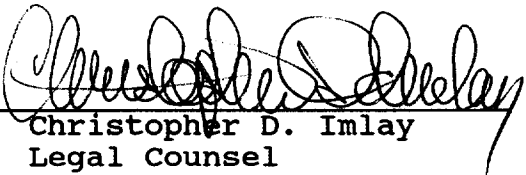
Re: STA, Daytona, FL

The undersigned counsel for BST, Inc. hereby certifies that he is not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988 (21 U.S.C. Section 862).

The foregoing statement is true, and is made under the penalty of perjury under the laws of the United States.

Dated: February 10, 1997

By


Christopher D. Imlay
Legal Counsel



FAX COVER SHEET

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DATE: February 14, 1997

FROM: Douglas A. Young 1300 - C1
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) 296 - 9100
PHONE

(202) 293 - 1319
FAX

Mr. Imlay:
Here is a copy of BST, Inc.'s STA for station KO2XDO, File
Number S-2809-EX-97. The original license will be mailed
today.

Doug Young
