

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

KO2XDO
(Call Sign)

XD MO
(Class of station)

S-2511-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 (watts)	Emission Designator
2557	4 W (output)	17M0F9W
2574	4 W (output)	17M0F9W
2591	4 W (output)	17M0F9W

Special Condition: Operation is on a non-interference basis.

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 July 5, 1996 and
will expire 3:00 A.M. EST. July 7, 1996



5-2511-EX-96
ORIGINAL

BOOTH, FRERET & IMLAY, 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

June 17, 1995

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

Re: Request for Special Temporary Authority
for Use of Certain 2 GHz frequencies;
Broadcast Sports Technology, Odenton, MD;
July 5-6, 1996, Daytona, Florida.

Gentlemen:

This office represents Broadcast Sports Technology (BST), 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 STA's 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 experimental license, referenced above, for certain 2.3-2.4 GHz frequencies for testing and operation of RF camera equipment. It intends to utilize eight, 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 five frequencies for which BST has existing authority to use at 2.3 GHz, we hereby request, for the period June 28-July 2, 1995, STA use of the following frequencies:

not
5-2285-91
(14722516)

Experimental Licensing Branch
June 17, 1995
Page Two

At 74,21

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

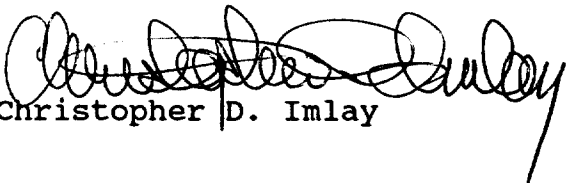
All operation will be on a non-interference basis to licensed users of these frequencies.

BST was granted special temporary authority to utilize these frequencies in February of this year (reference call sign K02XD0, 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 is coordinating use of the requested frequencies with these same entities now and will obtain their concurrence, as was done in February.

The location of the Daytona Speedway is N 29° 10.9', W 81° 3.4'. The transmitters will be type accepted. 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. Should any question arise concerning this request, kindly notify the undersigned counsel. Your review of this request is greatly appreciated.

Yours very truly,


Christopher D. Imlay

cc: Peter Larsson
Broadcast Sports Technology

enclosed

ORIGINAL
RECEIVED

BOOTH, FRERET & IMLAY, P.C.

JUL - 1 1996

ATTORNEYS AT LAW

CHRISTOPHER D. IMLAY
CARY S. TEPPER

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

**Federal Communications Commission
Office of Secretary**

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

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

July 1, 1996

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

Re: Request for Special Temporary Authority
for Use of Certain 2 GHz frequencies;
Broadcast Sports Technology, Odenton, MD;
July 5-6, 1996, Daytona, Florida.

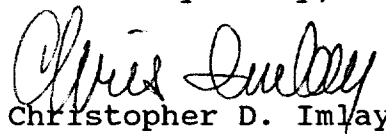
Gentlemen:

Further to the pending request of Broadcast Sports Technology (BST) for Special Temporary Authority to utilize certain 2 GHz channels for video production at the Daytona stock car race July 5-6, 1996, attached please find certification of coordination conducted by the undersigned counsel. Successful coordination was conducted this past February in the same circumstances with the same licensees.

Also attached for reference is the STA that was granted in February. It is hoped that the attached will be sufficient to permit grant of this STA without delay.

Should any question arise, kindly contact the undersigned.

Yours very truly,


Christopher D. Imlay

cc: Peter Larssen, BST

FCC REMITTANCE ADVICEPAGE NO. 1 OF 1

(RESERVED)

SPECIAL USE

FCC USE ONLY

(Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

(1) FCC ACCOUNT NUMBER

Did you have a number prior to this? Enter it.

(2) TOTAL AMOUNT PAID (dollars and cents)

0 5 2 1 9 3 3 1 1 3

\$ 45 • 00

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

BOOTH FRERET & IMLAY, P.C.

(4) STREET ADDRESS LINE NO. 1

1233 20th Street, N. W., Suite 204

(5) STREET ADDRESS LINE NO. 2

(6) CITY

Washington

(7) STATE
DC

(8) ZIP CODE

20036

(9) DAYTIME TELEPHONE NUMBER (Include area code)

(202) 296-9100

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

ITEM #1 INFORMATION

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR

BROADCAST SPORTS TECHNOLOGY

FCC USE ONLY

(12A) FCC CALL SIGN/OTHER ID

(13A) ZIP CODE

(14A) PAYMENT TYPE CODE

E A E

(15A) QUANTITY

1

(16A) FEE DUE FOR
PAYMENT TYPE CODE
IN BLOCK 14

\$45.00

(17A) FCC CODE 1

(18A) FCC CODE 2

(19A) ADDRESS LINE NO. 1

1360 Blair Drive

(20A) ADDRESS LINE NO. 2

Suite A

(21A) CITY/STATE OR COUNTRY CODE

Odenton, MD 21113

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

EXPIRATION DATE:

☐ Visa

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

FACSIMILE MESSAGE

FACSIMILE MESSAGE

FACSIMILE MESSAGE



**FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF ENGINEERING AND TECHNOLOGY**

2000 M STREET, N.W., SUITE 230
WASHINGTON, D.C. 20554

July 1, 1996 4 18 pm

FROM: Carl Huie

Telephone: (202) 418-2430
Fax #: (202) 418-1918

TO:

Name: Chris Imlay
Organization: Booth, Freret & Imlay, P.C.
Telephone: (202) 296-9100 x
Fax #: (202) 293-1319

This cover sheet is page 1 of 2 pages

COMMENTS:

License in mail.

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





Federal Communications Commission
Experimental Licensing Branch
Washington, D.C. 20554

March 22, 1996

BROADCAST SPORTS TECHNOLOGY
2135 ESPEY COURT, #4
CROFTON, MD 21114

Dear Sir or Madam:

This letter refers to experimental license KO2XDO.

Recently, the Commission released a public notice regarding use of the 1910 - 1930 MHz band. A copy of this public notice is enclosed. The Commission will no longer grant experimental licenses authorizing use of the 1910 - 1930 MHz band, except for applications consistent with use of the spectrum for low power, unlicensed PCS devices. Accordingly, although your experimental license KO2XDO authorizes use of all or portions of the 1910 - 1930 MHz band, any operations in this band that are not consistent with use of the spectrum for unlicensed PCS *must cease immediately*.

Please direct any inquiries to the Experimental Licensing Branch at the address on the letterhead, mail stop 1300E1, or at 202-418-2479.

Sincerely,

A handwritten signature in cursive script, appearing to read "H. John Morgan", is written over a horizontal line.

H. John Morgan
Chief
Experimental Licensing Branch

Enclosure