

0015-EX-ST-2000
ORIGINAL

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January 3, 2000

Via Courier Service

Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

Via Facsimile (202-418-1918) and Mail

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: BST, INC.; Request for Special Temporary Authority
for Use of Certain 2.5 GHz frequencies at two events:
(1) Daytona Speedway at Daytona, Florida, February 19
and 20, 2000; and (2) Winter X Games at Mount Snow
(Somerset County), Vermont, February 3 and 4, 2000.**

Gentlemen:

This office represents **BST, Inc.**, a manufacturer and provider of video transmission equipment for remote video and film production at sporting events, including 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. However, such frequencies are insufficient for the two above-referenced events. BST intends to utilize numerous in-car cameras simultaneously during the stock car race in Daytona, Florida at the Daytona Speedway. The video will be relayed to helicopters and then to a video production vehicle on site. BST also intends to utilize numerous helmet cameras during the Winter X Games at Mount Snow, Vermont. The video will be relayed from the helmet cameras to a video production vehicle on site.

The frequencies listed in EXHIBIT A, attached herewith, are to be used for uplinked video from the race cars to the helicopter during the stock car race at the Daytona Speedway. As such, the potential for interference to any licensee nearby is negligible. Similarly, during the Winter X Games, the frequencies listed in EXHIBIT A, attached herewith, are to be used for video production. 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, we hereby request STA at the frequencies and power levels listed in EXHIBIT A, attached herewith. BST will charge fees for the video production services performed at the two events.

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 at various times in other locations (reference call sign KO2XDO, various file numbers) premised on prior coordination with the ITFS licensees in the area. **BST has coordinated use of the requested frequencies with all ITFS licensees in the affected area, and has obtained their concurrence, as was done in previous instances, so that no interference will occur.**

The location of the Daytona Speedway is N 29° 10.9' and W 81° 3.4'. The location of the Winter X Games is N 42° 57.9' and W 72° 53.5'. All operation will cease on these frequencies upon reports of interference. The contact person is Peter Larsson, who can be reached by telephone at (410) 672-3900, by facsimile at (410) 672-3906, or by email at "plarsson@bst.wescam.com". Notices may also be sent to this office.

Experimental Licensing Branch

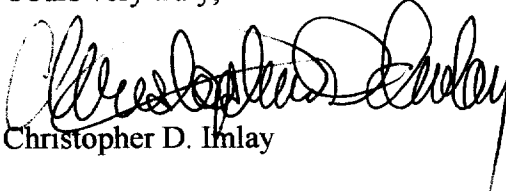
1/3/2000

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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 Form 159 are attached hereto as evidence of filing today.

Should any question arise concerning this application, kindly notify the undersigned counsel. Your prompt review of the instant request is greatly appreciated.

Yours very truly,



Christopher D. Inlay

cc: Peter Larsson
Danny Reichert
BST, Inc.