

# IIHF VIDEO GOAL JUDGE SYSTEM

## Technical Specifications

The following are the technical requirements of the IIHF Video Goal Judge system that must be organized, prepared, tested and operational well in advance of the IIHF event when the IIHF Video Goal Judge System is to be used.

The two above net fixed position cameras must include the following:

- Situated well above the ice, out of the field of play, above each goal net to allow full-screen view of the entire goal net and the complete goal crease on each of the Video Goal Judge monitors
- The installation location of the two (2) overhead video goal judge cameras is slightly **in front** of each goal line providing a clear picture of the goal line, the full crease area and 8 to 10 cm of ice surface inside of the goal net
- The positioning of the two (2) video goal judge cameras should enable the Video Goal Judge an unimpeded view of the goal line during any play around the net area.
- High density resolution

Technical requirements of the Video Goal Judge Booth must include the following:

- Isolation and security from the public and media
- A hard line two-way telephone connection with the Official Scorekeeper
- A hard line two-way telephone connection with the producer or designate of the host broadcaster in the production van or studio.
- Two (2) VCR's/DVD units and two (2) monitors for the above net Video Goal Judge cameras, one VCR/DVD unit and one monitor with the live broadcast picture and a back-up VCR/DVD unit and monitor with a direct feed from the host broadcaster. The back-up VCR/DVD unit and monitor is designed to view additional camera angles as seen by the various camera positions located in the arena. This video feed is controlled by the host broadcaster, providing the Video Goal Judge additional camera angles to the Video Goal Judge upon demand.
- Sufficient work space, desks and chairs to provide a comfortable work environment for the Referee Supervisor, the Video Goal Judge, the Video Technician and all of the video equipment
- One English speaking and experienced on-site Video Technician

- Quality playback functions on VCR/DVD units, including reverse, slow motion, 'freeze-frame' and frame-by-frame viewing.
- A minimum three hour VCR tape or DVD disc installed in each of the 4 VCR/DVD units for each game
- One VCR video tape copy or DVD disc copy to be given to the IIHF Referee Supervisor immediately after each game
- On-screen display of the actual game time from the game clock on the bottom right corner of each of the four (4) Video Goal Judge monitors.

It should also be noted that the playback of any questionable play or re-viewable play by the broadcaster is also governed by IIHF regulations. It is the responsibility of the IIHF to control any playback of these plays to the persons within the arena. The broadcaster must be aware of this issue and its ramifications on coaches, players and spectators in attendance at a game.

## **Organizer Responsibilities**

The organizer is responsible to provide the following:

### **1. Video Goal Judge Booth**

The video goal judge booth is to be set up in a restricted and secured area, on the upper levels of the arena at the centre ice position.

The booth must have excellent sight lines to the play at all times. It should be large enough to accommodate an on-site Video Technician, a Video Goal Judge, a Referee Supervisor and all of the equipment listed in this specification. It should be heated to provide comfort with a supply of drinks and fruit.

### **2. Equipment and Staffing**

The Video Goal Judge system must be provided with the following equipment and staff:

- Four (4) 14-inch monitors
- Four (4) Super VHS compatible VCR's or DVD units
- Two above net fixed position cameras
- A hard line telephone communications system between the Video Goal Judge and the Official Scorekeeper

- A hard line telephone communications system between the Video Goal Judge and the producer or designate of the Host Broadcaster
- An on-site Video Technician to operate the equipment during each game
- Sufficient office furniture for the monitors and working space of a Video Goal Judge, a Referee Supervisor plus the on-site Video Technician
- Complete access with the appropriate accreditation
- A translator, if required

### **3. Television Images**

- To provide the international signal on one of the monitors constantly being recorded
- To provide the image of the view of both above net video goal judge cameras constantly being recorded on the VCR's or DVD units
- To provide the actual game clock time on the bottom right corner of the screen on all four (4) video monitors
- To provide the additional host broadcaster images as requested by the Video Goal Judge on one of the monitors constantly being recorded