

VIDEO REVIEW – REGIONALS AND SUPER REGIONALS

Video review (formerly known as instant replay) will again be used during the regional and super regional rounds of competition. The NCAA is partnering with DVSPORT, Inc. (DVSPORT) to provide a centralized replay center (CRC) for both preliminary rounds. As part of this solution, plays that are reviewable via the NCAA Baseball Playing Rules will be reviewed off-site at a national video review command center and the outcome of the review will be relayed to the umpire crew chief and another designated umpire via a headset on the playing field.

Each host institution will receive communication equipment from DVSPORT that will be shipped to each regional and super regional site the week of the respective regional and super regional (if applicable). Immediately upon receipt of the video review communication equipment, the host institution should install and test the equipment with DVSPORT. Representatives from DVSPORT will guide the host institution through the process of establishing video feeds and communication lines between the stadium and the centralized replay center.

Each host institution will need to meet minimum replay requirements for video review in conjunction with the regionals and super regionals. In addition, all expenses related to video review for the regional and super regional round will be the sole financial responsibility of the host institution. These expenses cannot be submitted with your proposed budget to host a regional and super regional round of competition. The institution will receive an invoice from DVSPORT, Inc. for the expenses for video review in conjunction with the regional and super regionals. It is anticipated that this invoice will be approximately \$6,900 per regional and super regional site. If an institution hosts both a regional and a super regional, they will receive an approximate \$6,900 invoice for the regional round and another approximate \$6,900 invoice for the super regional round. If a host site does not have the necessary video cabling from the television truck location to the replay system location, this would also need to be provided at an approximate additional institutional expense of \$2,000.

What will be transmitted from the Host Institution Stadium to the CRC?

- TV Production Dirty Program Feed.
- Headset Communication with TV Producer.
- Headset Communication with Crew Chief and Umpires.

Replay Personnel Needed

- Video Review Facilitator: A host institution site representative from IT or Facilities that can work with DVSPORT on setting up the video encoder and Voice Over IP (VOIP) system at the host site and testing the video and communication transmission between the host site and the CRC. This person needs to be available to assist DVSPORT one day prior to the start of the games through the end of the last game in case testing or troubleshooting equipment is required. This would be applicable for both the regionals and super regionals.
- Video Review Headset Assistant: A host institution site representative that will serve as a headset assistant who can have the headset on near the field of play (host institution will be required to provide space in the dugout location in one of the dugouts at the end of the dugout closest to home

plate) to assist the umpires with the headsets during a review. The Video review Headset Assistant must wear the headset the entire game. This can be the same person as the Video Review Facilitator if the site prefers.

The Video Review Headset Assistant will assist in the communication between the video review centralized replay center, the umpire crew chief on the field and the other designated umpire. The Video Review Headset Assistant needs to be in position at least an hour before game time.

The location for the Video Review Headset Assistant should have a dedicated and active analog phone line (with long distance dial-out capabilities) and power outlet in the immediate vicinity of their location in the dugout. Any installation charges for the phone line are at the expense of the host institution. The Video Review Headset Assistant must also have a cell phone as a back-up form of communication, along with the power cord for the cell phone.

Replay Equipment Provided by DVSport.

- 1x Replay Case with a Video Encoding System and VOIP System inside.
- 3x DVSport Headsets and Belt packs.

Replay Setup

- The video review facilitator will set up the replay case that contains the video encoding and VOIP systems near the TV Truck.
- The following cables will be connected to the replay case.
 - 1x TV Production Dirty Program feed via a BNC Cable.
 - 1x XLR Cable that connects to the TV Producer headset.
 - 1x XLR Cable that connects to the 2x DVSport headsets at field level for the Crew Chief and Umpire.
 - You will loop out of one of the DVSport headset belt packs designated for the umpires into the second DVSport headset belt pack designated for the umpires.
- The DVSport headsets will be set up near the field of play (dugout location that should be at the end of the dugout closest to home plate) and a Video Review Headset Assistant will be positioned at that location to assist the umpires with the headsets during a review.
 - There needs to be enough XLR cabling that the Video Review Headset Assistant can come on to the field 30' to give the headsets to the umpires during a review.
- An analog phone with long distance dial-out capabilities should also be set up at the location of the Video Review Headset Assistant.

- This will be used as a back-up if there are issues with headset communication during the game.
- Another back-up form of communication will be the Video Review Headset Assistant's cell phone.
- No replay booth is required because the replay official will be located off-site at the CRC.

Minimum Replay Requirements for a Host Institution

- Internet: An internet connection for DVSPORT located at the TV Truck location with a minimum dedicated throughput of 40 mbps.
 - The Network Specifics for the Internet Connection:
 - **TCP/UDP Connection:** Two outbound TCP and UDP connections are required. The connection must be stateful or bidirectional.
 - **Router/Firewall:** The video encoder and voice-over IP system will be connected to a DVSPORT provided router and be protected by its firewall.
 - **Network Ports:** Please ensure the following ports are open on the IP address.

IP Address	Port #	Inbound/Outbound	Port Type	Purpose
TBD	5000-5020	Outbound (bidirectional)	TCP/UDP	Video
TBD	6000	Outbound (bidirectional)	TCP/UDP	Communication
TBD	7001	Outbound (bidirectional)	TCP/UDP	DVSPORT

- **Intercom Lines:** Two XLR lines between the TV Truck location and designated Video Review Headset Assistant location.
 - An example of the type of XLR cabling we are requesting is a Belden 8723. Any cabling of similar spec is acceptable.
 - The XLR cabling the school provides should be long enough for the video review assistant to get the headsets 30' on the field for the umpires during a review.
- **Power:** There must be a power outlet at the TV Truck Location designated for the DVSPORT Replay Case. There must also be a power outlet at the Video Review Headset Assistant location so they can keep their cell phone charged during the course of the day.
- **Phone Line:** The host institution should ensure that the location of the Video Review Headset Assistant has an analog phone line (with long distance dial-out capabilities) that is installed and working properly.

During the competition, additional security should be provided for the umpire crew chief, the umpire who made the call being reviewed and the Video Review Headset Assistant on the field as they are using the headset to review any play.

Host institutions with video boards should use the parameters set forth in Appendix B of the 2023 and 2024 NCAA Baseball Playing Rules Book.

At the conclusion of all applicable preliminary-round competition at a given host site, the host institution should carefully package the communication equipment and return it to DVSport immediately. The host institution may be responsible for any damage that occurs to the communication equipment as determined by the NCAA in consultation with DVSport.

DVSport Survey

- All prospective host institutions should complete the following site survey by May 22, 2023 (goo.gl/forms/fnEG7jhAXtzxslw2) if you have not already done so. This will allow DVSport to better understand how prepared you are for replay and consult with you on any questions you have leading up to the championship.

If you have any questions regarding replay expectations or preparations, please contact DVSport at 412-788-9070 or replaysupport@dvsport.com.