



## **HUDL Team Film Instruction**

**Setup** (See pages 2-4 on how to properly capture team video)

1. Set up a HUDL Team account.
  - a. Contact BYHA Hudl admin ([president@byha.org](mailto:president@byha.org)) to request Hudl account setup for your team.
2. Add Admins, Coaches and Athletes to team.
  - a. Fill out the Admin and Athlete upload templates and deliver to Hudl BYHA admin.
  - b. Each player and staff need their own unique email for the system to work properly.
    - i. Parents, players, siblings all need their own email. Cannot share in the global Hudl system.
  - c. Players must have a position assigned.
    - i. Options are LW, C, RW, D, G.
    - ii. Pick the most likely position played. This is not a critical input.
  - d. Players and/or team staff get an immediate email invite as they are added to the Hudl team.
3. Athletes, Coaches and any other HUDL admins need to click on the email invite link to create an account or to link an existing account to the team roster.
  - a. Once account is setup, they can load the app onto their mobile device(s).
  - b. The app is limited to iOS (Apple) devices only at this time.
  - c. If you do not have an Apple device, you can access Hudl through a web browser as well.
4. Each team should find a couple dedicated helpers for filming all games and scrimmages. Once recordings are captured, they need to be uploaded and sent off to Hudl Assist for stats and film breakdown.
  - a. The iOS Hudl app will **upload your film as it is being recorded** as long as the device has internet.
    - i. Uploading with cellular service will require "Allowing" the Hudl app to access cellular data.
  - b. **Late model iPhones have proven to capture to best video quality.** iPad's also work fine.
  - c. You can also capture video on any other cameras or devices and upload the video file(s) through the website video upload interface.
5. Once video is captured and uploaded, an Admin or Coach can create "Playlists" with clips to share with team.
  - a. Go to video and start viewing the playback.
  - b. Pause at any point of interest and hit the "create clip" button.
  - c. Quickly edit your clip for start time and stop time. Capture the play that leads up to the event clip.
    - i. Can enter comments or illustrations at any point(s) in the clip but this causes the clip playback to stop at every comment which can get confusing and somewhat annoying.
  - d. Rename clip to a name that is relevant to what is being shown (any intuitive name you choose).
  - e. Save all or some clips to a playlist to share with specific people, groups or all accordingly.
  - f. Sharing/viewing rights are set on the specific playlist - adding clips to an existing playlist will inherit that playlist sharing permissions. If you change the sharing settings when adding a new clip to a playlist, you will overwrite any previous sharing permissions set for that playlist.
6. Other Side notes;
  - a. The Hudl app video upload process saves all video captured on the local device until internet access is available to upload to the cloud.
  - b. **HUDL app needs to be up and running in the foreground** or active window on your device for video uploads to process and they can take a bit of time depending on your internet upload speed.
    - i. 20-30 min upload time for 1 hour of video should be expected on a standard 10 Mps upload bandwidth speed home internet service.
    - ii. Have seen corporate device policies (Exchange) that can prohibit the "Auto-Lock = NEVER" setting so the device needs activity to keep the app open and uploading.
      1. One workaround method; play the longest video recorded in Hudl to keep device "AWAKE" and Hudl app in the foreground so upload completes.
    - iii. Enhancement Features that have been requested by BYHA are; Device "Background upload" capability, "Live tagging" during recording, playback zooming and higher definition video playback (1080p or 4k).



## Use and Video Capture Instruction

1. Each team has a “Video Uploader” shared profile setup for anyone to use for capturing Game video.
  - This eliminates the need for all helpers to have a unique email and create their own account.
  - Contact the BYHA Hudl admin to get the username and password for this login.
2. **iPhone 8 and up video capture has proven to provide the best video** quality and a wider aspect ratio for capturing more of the ice in the zoomed frame than an iPad does.
  - Having internet access through wi-fi or cellular during the filming process is required for simultaneous uploading through the app. This works very well and allows for immediate submission to Hudl Assist.
  - 4k video capture by other camera devices is also good but upload takes a considerable amount of upload time if not using the app for "on the fly" uploading.
3. Capture video from the center red line location of the rink and from as high up as you can get.
  - If you can, face the player bench to capture all line changes during stoppage.
  - Video taken from the ends will be rejected from Hudl Assist.
  - Set zoom level to capture both blue lines at the mid-point (at face off dot) of the rink for a good balance of a wide viewing angle and getting enough detail to read jersey numbers. See illustrations below.
4. In the Hudl app, always record all 3 periods **non-stop**. (do not save and close video before the end)
  - Pause recording only between periods (intermission), timeouts or other long breaks.
5. Capture all bench changes before face-offs and after statistical events such as goals for, goals against, penalties, face-offs, etc.
  - Capture Referee signal of penalty and jersey number of player while entering the box.
6. Jersey numbers are the most important thing to get good video on so stats can be tagged accurately.
  - Capture all bench changes so you can see what #'s just left the ice and who came on.
  - Get clear video of all face-offs.
  - Have bench staff help remind players to untuck jerseys so numbers can always be identified.
    - Consider jersey straps to help prevent tucking in.
7. Zoom in just far enough to clearly see jersey numbers but still as far out as you can to capture a wider field of view for getting as many players in the scene/frame.
8. Grab 1-2 second shots of the score board periodically during stoppage of play.
  - Clock is a great reference point for all statistical events.
  - Show penalties and goals on scoreboard when they are posted.
  - Speak to the recording for clarifications. Players cannot hear any audio so don't worry about slip-ups.
    - Coaches can hear audio so be careful not to cuss them out!
  - Hudl Assist Analysts can hear the video so it is helpful verbally say what jersey number is in the face-off, scored a goal, got a penalty, etc. Your view will always be much clearer than the video.
9. Once video is captured, you need to SAVE the video and submit to Hudl Assist for event and stat breakdown.
  - Save Team video with this naming format: “Blaine <team abbrev> vs <opponent org & level>  
**Video Naming Examples: “Blaine BAA vs Andover”, “BSLP 12UA vs OMGHA”, etc.**
  - This naming format will help identify the teams when shared across the Hudl network and across all BYHA teams.
  - If 3 or more goals are scored by the Hudl team, Hudl automatically creates a Highlight clip for that game and shares it on their network.
  - Assist submittal needs an event entered to link to the video, jersey colors, players from your roster selected and the starting goalie.



**Screenshots of Video Capture Practices** (image quality has been downgraded to keep this file size small)

Position camera as close to the centerline and as high up as you can.

Generally zoom-in to a level where the edges of the screen land at the midway point of the blue lines.

The example below seems to be a good balance of close enough to see jersey numbers and providing enough viewing angle to see most players at once and capture a shooter at the point and the goalie in the same frame.



Attempt to keep as many of your team players in the frame along with the puck, play and goalie.





When panning to left or right, stop when the edge of your frame is at the rinks edge.  
Keep as much of the ice in your frame at all times.

One exception; Go ahead and capture any disorderly fans so it can be reported to the proper authorities!



Grab a shot of the scoreboard during whistle breaks.

Show score changes and penalties once they are on the scoreboard but **DO NOT** miss the faceoff.

