



QUALIFYING ROUND: VIDEO

THE CHALLENGE

Your team will demonstrate the setup and use of a PTZ camera, with a basic camera/monitor system and PTZ control console.

Working in a relay format, the camera will be connected to both the controller and the monitor, and each of the camera's remote pan, tilt, and zoom functions will be utilized in the recording of two specific presets.

Each team member will "tag in," to accomplish one part of this challenge, following the sequence outlined at right.

This is a timed event. Penalties (see below) will result in added time.

The team with the fastest time (including any penalties) will receive 50 points; second fastest, 49 points; third fastest, 48 points; and so on. No team successfully completing the challenge will receive fewer than 20 points, regardless of the number of teams participating.

REQUIRED SEQUENCE

Preset: Table 1 is adjacent to a PTZ camera (powered down); Table 2 is 10-15' away, and holds a joystick controller console, signal converter, and monitor. Table 1 holds all necessary cables and accessories for the challenge, each in a taped-out section.

Four team members wait behind a line, adjacent to the camera, until tapped in by the previous player in sequence.

The referee starts the clock at Table 2.

Player 1 connects the power, SDI, and network cables, and powers on the camera, confirming that there is an image on the monitor, and that the camera is responding to controls.

Player 2 focuses the camera on a specific designated point, zoomed in, and records this position as a preset.

Player 3 focuses the camera on a different designated point, zoomed out, and records this position as a preset.

Player 4 runs through both presets twice in an alternating sequence (Preset 1, Preset 2, Preset 1, Preset 2), before powering down the camera, disconnecting all cables, and returning them to their designated place on Table 1, and stopping the clock at Table 2.

POTENTIAL PENALTIES: Going out of sequence; Any action deemed unsafe; Failing to replace cables and connectors to their designated spaces; Tangled or non-circular cable coiling (which must fit within the designated table space); Disregard for the spirit of the event or objectives of the exercise.

Equipment used in this event: PTZ Camera; Monitor; Joystick Controller console; 25' control and signal cable; Power cable(s); Signal Converters.