



Outside Broadcast Production Guidelines and Technical Specification Indoor World Cup 2025

OVERVIEW

This document sets out the aims and requirements for production and match coverage at an International Hockey Federation Event.

The match coverage is intended to demonstrate the pace, beauty and immense skill intrinsic in the sport and brought to the field of play by the players. This must be done while staying faithful to the geography and narrative of each match.

Hockey is fast, mostly played at ground level and with a small ball that travels at speeds approaching 100 mph. Unlike other field sports you often do not see what happened first time around. Replays that inform and excite are crucial to the understanding of the rules, appreciation of the skills on show and the creation of heroes in the sport.

The job of the TV coverage is to show the world that hockey is one of the most skilful and physically demanding sports played by some of the world's most dedicated and talented sportsmen and women.

BROADCAST PRODUCTION SPECIFICATION

Indoor World Cup has 12 to 16 matches to be played on each match day. The requirement is to provide continuous broadcast from 10-15 minutes prior to the first match and to end the transmission about 7 minutes after the final match.

3.00-minute breaks (TBC with bumpers) will be taken at pre-ordained points during the broadcast.

This programming will be produced in English with clear and precise "in" and "out" points for any broadcaster wishing to take individual matches in a more standard World Feed format.

Refer to "FIH Rundown Template" documents for further details on the required programming. Rundown are circulated about 48 hours before matches

OB-VAN Broadcast Quality X 1 PITCH

OB-VAN

- 7HD Cameras Triax/ Fiber
- 3 HD Mini Cams (Behind goal)
- 1 HD ENG CAM
- 1 Video Mixer
- 1 Audio Mixer

- 1 Graphics system
- 1 EVS 12/ch – OR 2 EVS 8 ch
- 1 INTERCOM - OB
- 1 Generator for OB-VAN
- Scaffoldings as required to implement the camera plan below
- Wireless Complete head set + Mic (voice sensor) / Madonna style for 2 pitch umpires
- Video Umpire System
- 2-Commentators' sets in commentary booth at venue

Outside Broadcast Technical Requirements

OUTSIDE BROADCAST STAFFING

- 1 x Unit Manager
- 1 x GTE Vision Engineer
- 2 x Vision Engineer
- 1 x GTE Audio Engineer
- 2 x Audio Assistants
- 1 x GFX
- 5 x Cameraman
- 1 x ENG Cameraman
- Riggers (as required)

VT FACILITIES

- 3 x EVS XT- (HD)
- 2 x VTR
- 1 x EVS X file
- Multiple flash drive file capture capability

EDIT SUITE ONSITE (Content Creation)

- **Full Montage equipment**
- X 2 Editor

TASK –

FIH Social media clips
Highlight per match

VISION

- HD/50i
- Vision Switcher with a minimum of 2ME Banks
- Ability to Store/Run replay wipes
- Graphic Engine
- Ability to incorporate 2 x Graphic Generators, Key and Fill.
- Ability to accept and synchronise up to two external sources
- Ability to output Clean / Dirty / ISO Feeds as HD/50i Embedded
- Ability to incorporate Camera Channels – Cabled (Sony HDC3500 or equivalent), Super Slo-Mo, Mini Cameras, RF (See breakdown)
- Lenses --- Wide Angle, Standards and Box (see breakdown)
- Commentary Position --- two monitors (2 x PGM, 1 x Switcher AUX)

AUDIO

- Digital Audio Mixer
- AES Audio / Analogue Audio
- Match Effects 416 Microphones (min. 12)
- Instant Audio Replay Device
- Wire intercom and wireless intercom
- 1 x Fully Equipped Commentary Position for two people
- 1 x Talkback Panel for Video Referee
- 2 x Headset Pitch umpire
- Backup Commentary Mic (separate to Commentary Unit)
- 1 x Cabled Stick Mic (Interview Zone)
- 1 x Cabled IFB (Interview Zone)
- 1 x Cabled FM Setup
- 3 x Radio Stick Microphones
- 2 x Duplex Radio Talkback Channels (FM#1, Audio) including 20 Radios
- 1 x Simplex (Tech)
- Ability to integrate with venue PA system

CREW

All technical crew and manpower including talent, director is provided by the Host NA

Talent Personnel World fee

- 2 or 4 Lead commentators (TBC)
- 2 or 4 guests/color commentators (TBC)

Production Personnel Requirements

- 1 x Programme Producers
- 1 x Director
- 1 x Vision Mixer
- 2 x Assistant Producers
- 1 x Floor Manager
- 1 x Dir/PA/DA/Audio channel 4/5

Talent commentators

4 X English Commentators and 4 expert commentators

Floor Manager x 2

GRAPHICS

FIH will provide all necessary Titles, Bumpers and Replay Wipes for broadcast. FIH will also provide full design package and Style Guide for all TV graphics.

The Broadcast Production supplier will be responsible for implementing the guidelines into their graphics system.

The ability to interface FIH timing and statistics feeds is an essential of any graphics provision.

Umpire communication system

The umpire communication system requires that all 4 umpires involved in the match can talk to, and hear, each other.

2 x pitch umpires on open wireless mics. These must be Madonna mics that cut out as much ambient sound as possible.

This audio loop needs to be available for programme and for listening by director, VT co-ord, commentators,

- 4 x RF Microphones (Umpires). 2 x open and 2 x push to talk.
- 2 x RF IFB (Umpires) 2 x Headsets
- Communication Panel in video umpire room with facility for video umpire to talk to all umpires and also Broadcast Control Room/OB Truck
- 2 x listen only facility for umpire managers

LIGHTING

- Presentation Position
- Interview Position
- Umpire Position

SCAFFOLDING

- Scaffolding Structures, Camera platforms, Pods and mounts for cameras as required
- Presentation position – Allow for upto 4 people on camera and built outside

OTHER DELIVERABLES (TBC)

- EVS melt reel played out and recorded locally each day of competition
- 6 x Flash drives of each match
- Programme Feed delivered to Umpires Logging position with International sound and umpires audio

SIGNAL DELIVERY

SNG needs to be provided for the delivery of the signal via satellite to BT Tower
DELIVERY by the Production company to BT Tower and Provide a Bt local end

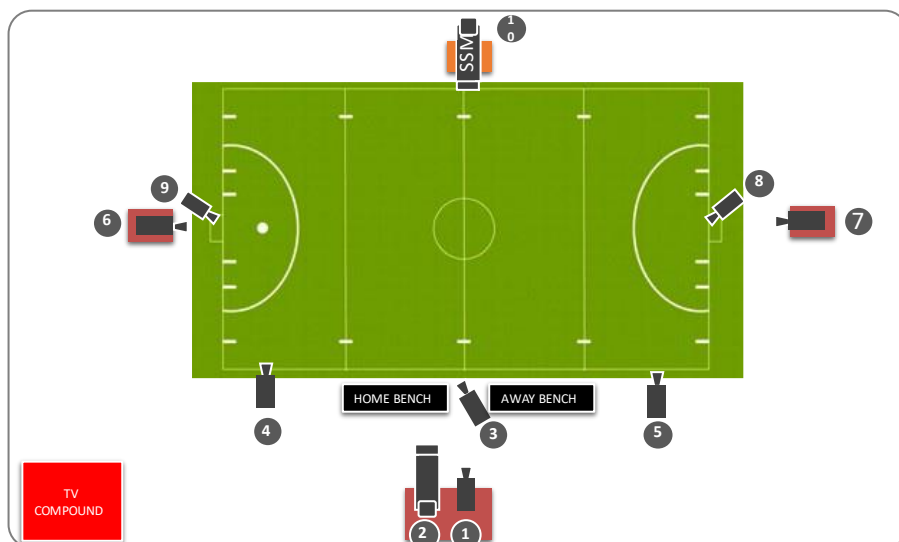
Apart from HD pictures Audio tracks will supply Full English mixed commentary along with separate international sound and production talkback.

Also, might be required
RTMP and RST delivery to multiple destinations.

SRT/RTMP Contribution from Onsite

- Watch.hockey x 2
- MCR X 1
- FIH Archive x 2
- Others destination TBC

CAMERA PLAN X 1 PITCH



- Camera 1: Centre Line
- Camera 2: Centre Line, Left of Camera 1
- Camera 3: Bench/Presentations
- Camera 4: Line 22
- Camera 5: Line 22
- Camera 6: Cameraman/High Behind Goal (tbc)
- Camera 7: Cameraman/High Behind Goal (tbc)
- Camera 8: Mini Cam
- Camera 9: Mini Cam
- Camera 10: SSM