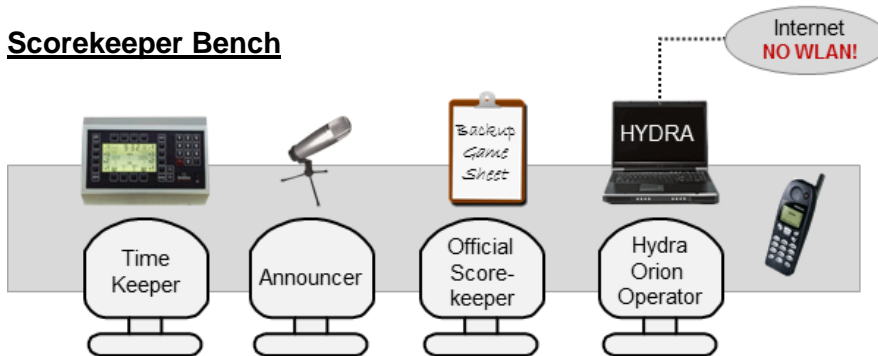# STATISTICS AT IIHF EVENTS
Hardware / Infrastructure / Staff Requirements
2017 Gemini Light Configuration
Division IA-IIIB Tournaments (Except WMIA, WMIB)

Scorekeeper Bench

Work Area ORION (1 Computer Operator from Organizer Personal)

Hydra Orion Module is used for data collection of game actions – such as:
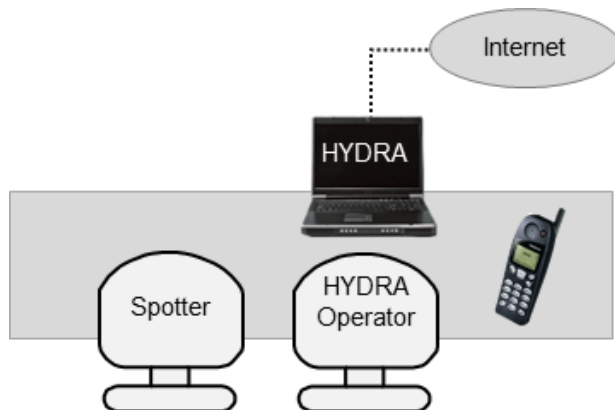
-        Game Status
-        Goals and Assists
-        Plus/Minus Information exchange with Gemini Light Operator
-        Penalties
-        Goalkeeper Actions
-        Penalty-Shot Shootout Procedures
-        Number of Spectators
-        Time-Outs
-        Best Player Selection

Requirements:

-        1 working spot located at Scorekeeper Bench <u>next</u> to the Scorekeeper with power
-        1 notebook/laptop with Microsoft Windows 7 or newer (ENGLISH version), Internet Explorer 7 or newer, all current updates, patches and service packs installed by Organizer.
-        Recommended minimum screen size: 1024x768
-        Adobe Acrobat Reader Software latest version (available free internet download)
-        Internet connection configurations (any of these are acceptable) ADSL 10Mbps and up or LAN (shared venue LAN depends on configuration must be as fast or faster than 50Mbps ADSL)
-        Capable to communicate with Result Manager via telephone or similar communication device

Statistics Bench

(Located in the upper part of the arena, preferably behind the player bench providing a good and central view to the field of play)

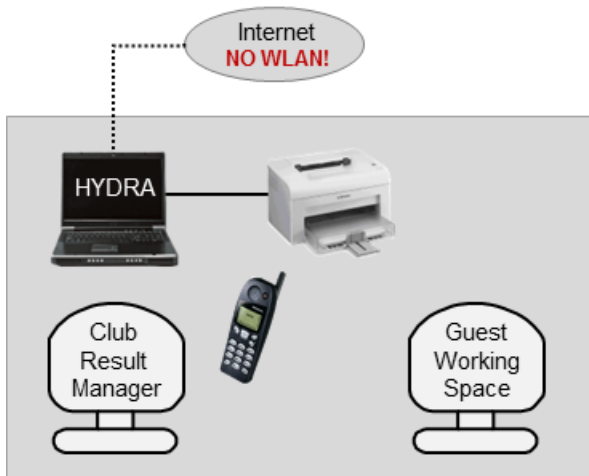*Work Area GEMINI LIGHT (1 Computer Operator from Organizer Personal)*

Hydra Gemini Light Module is used for data collection – such as:

- Shots on goal
- Face-Offs
- Plus/Minus information exchange with Orion Operator

Requirements:

- 1 working spot for Gemini Light Operator includes chair and working bench
- 1 working spot for Spotter (up to) 3 working spots for additional Spotters
- 2 notebook/laptop computer with Microsoft Windows 7 or newer (ENGLISH version), Internet Explorer 7 or newer, all current updates, patches and service packs installed by Organizer
- Recommended minimum screen size: 1024x768
- Adobe Reader Software latest version (available free internet download)
- Internet connection configurations (any of these are acceptable) ADSL 10Mbps and up or LAN (shared venue LAN depends on configuration must be as fast or faster than 50Mbps ADSL)
- Capable to communicate with Result Manager via telephone or similar communication device

IIHF Hydra Result Manager Office

Work Area: Aquila/Mensa (IIHF Result Manager appointed by the IIHF)

The Hydra Result Manager Office should be located in the arena to provide easy access to team area and Scorekeeper Bench. This room needs to be fully secured and lockable

Requirements:

- 2 normal size desks and 4 office chairs
- 1 notebook/laptop computer with Microsoft Windows 7 or newer (ENGLISH version), Internet Explorer 7 or newer, all current updates, patches and service packs installed by Organizer
- Recommended minimum monitor resolution: 1024x768
- Adobe Reader Software latest version (available free internet download)
- Microsoft Office (English Version)
- Internet connection configurations (any of these are acceptable) ADSL 10Mbps and up or LAN (shared venue LAN depends on configuration must be as fast or faster than 50Mbps ADSL)
- 1 Hub/Switch for 2-3 additional PC's to connect to the shared internet line
- 1 Laser Printer with photocopy function connected to Aquila/Mensa computer with the appropriate drivers installed on the PC
- Mobile phone to call within arena and also including international calls

Staff Requirements

IIHF Result Manager (appointed by the IIHF)

- Is a non-voting Directorate member and reports to the IIHF Directorate Chairman
- Is responsible for the smooth handling and operation of the statistic system before and throughout the whole event
- Is the contact person for all statistic-related questions
- Organizes and oversees the distribution of the correct statistic output before the game, after each period and end of each game (together with the locals stats coordinator)
- Monitors the IIHF Website/App output
- Delivers the required output to the event Directorate in time
- Educates and monitors the local stats volunteers onsite
- Sets up all procedures and work-plans together with the local stats coordinator for all local stats volunteers
- Supervises the Scorekeeper Bench
- Supervises all stats operations
- Coordinates statistical workflow with 2nd venue (only if applicable)

Organizer Personnel

Scorekeeper Bench:

- 1 Local Stats Coordinator (Liaison Organizer/IIHF Result Manager)
- 1 Orion Operator (located at scorekeeper bench)
- 1 Official Scorekeeper (located next to Orion Operator at scorekeeper bench)
- 1 Official Timekeeper
- 1 Official Announcer
- 2 Penalty Box Attendants

Stats Bench:

- 1 Gemini Light Operator (located at the spotters section)
- 1-2 Spotters collecting shots on goal, plus/minus and face-offs

Goal Judges:
- 2 Goal Judges (where no Video Goal Judge is available)