# WORLD BASEBALL SOFTBALL CONFEDERATION Game Time!

# Baseball Competition Venue Guidelines

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# 1. How to use this document



[Baseball stadium] Kenny Serracín Stadium, IV WBSC U-15 Baseball World Cup 2018™.

The objective of WBSC is to organise the Event in venues where the needs of the spectators, players, VIPs and media representatives are fully satisfied. This manual provides a guideline for the required equipment, rooms and facilities at the competition venues. In accordance with WBSC Regulations, the following chart gives a brief explanation of the site inspection procedures:

- •Once a City or Local Organising Committee (hereby LOC) submits a bid to host a WBSC World Cup, LOC shall comply by completing the WBSC Venue Inspection Checklist (Appendix 1), including visual documentation of all the information and spaces mentioned above.
- The WBSC Event Department Staff and the WBSC Venue Infrastructure Commission will review the document and agree with LOC for a site visit in order to inspect the facility for compliance of the standards established in this document.
- •After the inspection, a list of issues will be developed in order to meet the critical requirements related to player safety as well as other recommendations. The list of improvements and recommendations will become part of the Hosting Agreement between the host Organisation and WBSC. LOC will be responsible for all renovations or upgrades to their facility that does not meet the standards outlined in this document.

The precise requirements for a specific Event shall be in accordance with WBSC regulations and the "level/quality" of the Event. Minor modifications may be needed to adapt to each Tournament

characteristics. It is important to interpret these as generic plans so that they become relevant to each venue's unique circumstances.

# 2. Floor plan

LOC shall provide a floor plan of each competition venue that shows all the functional areas for Teams, WBSC Family, TV production and others, such as:

#### Competition venue floor plan

#### [Administration area & Workspaces]

- WBSC office;
- WBSC Directors office;
- TC's Room;
- Umpire room;
- Umpire review room;
- Clock operator desk;
- Scorers room;
- PA and scoreboard personnel room;
- LOC administration office;
- Doping control station; and
- WBSC Family dining room.

#### [Field of Play]

- Field dimensions;
- Padded fences:
- Bullpens; and
- Dugouts.

#### [VIP Hospitality Area]

- WBSC President suite;
- VIP area; and
- VIP seats.

#### [Spectators services]

- Seating;
- Restrooms & lavatories;
- Ticket windows & entry positions; and
- Concession stands.

#### [Media]

- Media Parking and Access;
- Photographers Area;
- Radio Broadcast Booths;
- Media Lounge;
- Press Conference Room; and
- Mixed Zones.

#### [Teams Facilities]

- Clubhouse;
- Hitting tunnels;
- Team's parking;
- Waiting room and dining room; and
- Warm-up fields/areas.

#### [Security & First Aid]

- Access control and Security Forces command post;
- First Aid room; and
- Ambulance.

#### [TV Production]

- Camera positions;
- TV compound parking area;
- Cabling / switch boards;
- TV commentator booths; and
- Electric source / generator.



[Baseball stadium floor plan]

# 3. Administration Areas & Workspaces

# 3.1 WBSC office

There shall be an office for the WBSC Staff inside the competition venue fully equipped. The room shall comply with the following requirements:

Room	WBSC Office		
Location	Room with field view, preferably close to LOC office and FOP		
Room Set-up	Min. two (2) working stations for six (6) people and a sufficient number of guest chairs		
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi ☑ Extra set of toners	☑ High-speed photocopier and paper (A4 and A3) ☑ Sufficient stationery supplies ☑ Whiteboard (if available)	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	<ul> <li>☑ Snacks (recommended)</li> <li>☑ Refrigerator, tea and coffee machine (recommended)</li> <li>☑ Soft drinks and hot drinks (recommended)</li> <li>☑ Safe (upon request by WBSC)</li> </ul>	
Note	<ul> <li>Room shall be private, quiet and free of distractions and shall carry a sign "WBSC Office"; and</li> <li>Lockable door, access control personnel shall be present to control access outside the room.</li> </ul>		

## 3.2 WBSC Directors Office

There shall be an office for the WBSC Directors inside the competition venue fully equipped. The room shall comply with the following requirements:

Room	WBSC Directors Office		
Location	Room with field view, preferably close to the FOP		
Room Set-up	Min. two (2) working stations for five (5) people and a sufficient number of guest chair		
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi	☑ Sufficient stationery supplies	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks (recommended) ☑ Refrigerator, tea and coffee machine (recommended) ☑ Soft drinks and hot drinks (recommended)	

Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "WBSC Directors Office".</li> </ul>
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# 3.3 TC Room

There shall be a room for the TCs that complies with the following requirements:

Room	TC Room	
Location	The room shall be located behind the home plate with full-field view and easy access to the FOP	
Room Set-up	One (1) working station for three (3) people	
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Bottled water ☑ Rubbish bin ☑ Snacks (recommended)	
Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "TC Room".</li> </ul>	

The location of the TC Room shall be as exemplified in the following image:



[TC room] Tokyo Dome, 2019 WBSC Premier12™.

# 3.4 Umpire Room

The following image is an example of Umpire room:



[Umpire room] Edgar Renteria Stadium, II WBSC U-23 Baseball World Cup, 2018™.

Each competition venue shall provide a private and fully equipped dressing facility, with showers and toilets for Umpires. The room shall comply with the following requirements:

Room		Umpire Room	
Location	Room with field access and close to the FOP		
Room Set-up	<ul> <li>Min. six (6) lockers;</li> <li>In case of having male and female Umpires in the Tournament, a second and pri Umpire room shall be set up for the female Umpires; and</li> <li>At least the number of chairs for the number of Umpires assigned.</li> </ul>		
Technical Requirements	☑ Power strips	☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks (recommended) ☑ Refrigerator, tea and coffee machine (recommended) ☑ Soft drinks and hot drinks (recommended)	
- Room shall be private, quiet and free of distractions; - Lockable door; - Access control personnel shall be present to control access outside the r - The room shall carry a sign "WBSC Umpire Room".		el shall be present to control access outside the room; and	

The Umpire Director shall have a pre-game and post-game meeting with all the Umpires assigned to each game; for this reason, a room for up to nine (9) people is needed for those meetings. If the Umpire room is not big enough, the LOC shall provide a separate and private room.

# 3.5 Umpire review room

A booth for video review shall be provided inside the competition venue. The room shall comply with the following requirements:

Room	Umpire Review Room		
Location	<ul> <li>For technical reasons, the maximum distance between the review room and the OB Van shall not exceed fifty (50) meters;</li> <li>The distance between the review room and the Umpires' headsets located in the FOP shall not exceed thirty (30) meters; and</li> <li>Direct view of the field is not necessary.</li> </ul>		
Room Set-up	- Min. two (2) working stations for four (4) people		
Technical Requirements	☑ Power strips	☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks (recommended) ☑ Refrigerator, tea and coffee machine (recommended) ☑ Soft drinks and hot drinks (recommended)	
Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room;</li> <li>No access for fans or players; and</li> <li>The room shall carry a sign "WBSC Umpire Review Room".</li> </ul>		

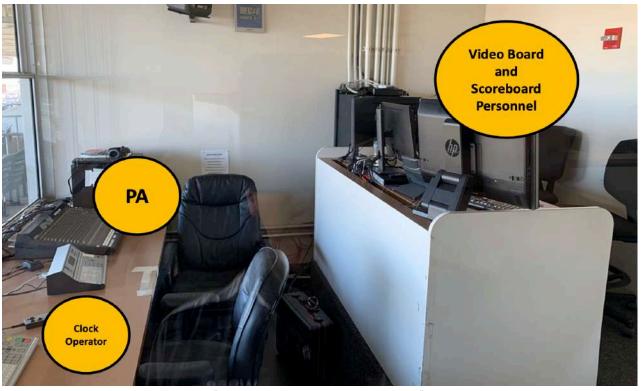
The following image is an example of Umpire review room:



[Set-up] Umpire Review Room.

# 3.6 Clock Operator Desk

It is strongly recommended that the Umpire clock operator be located in a room shared with the scorers with a working station for the operation of the clocks. In the event of limited space, LOC shall provide another room for this Official and other event personnel, as exemplified below.



[PA and scoreboard personnel room]

#### 3.7 Scorers Room

A room for scorers shall be provided inside the competition venue and shall comply with the requirements stablished below. The following image is an example of scorers room:



[Scorers room]

Room	Scorers Room	
Location	- High position behind home plate with a full view of FOP	
Room Set-up	<ul> <li>Min. three (3) working stations for up to six (6) people; and</li> <li>Preferably sharing the room with clock operator, PA, scoreboard operator, sound system operator.</li> </ul>	
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water ☑ Soft drinks and hot drinks (recommended)	
Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room;</li> <li>Should space be limited, alternatively separate rooms can be arranged for all personnel mentioned above; and</li> <li>The room shall carry a sign "WBSC Scorers Room".</li> </ul>	

#### 3.8 Public Announcer and Scoreboard Personnel

It is required that each facility provides space in or next to the scorers' room for the public announcer, audio control operator and the scoreboard operator(s). The PA/scoreboard area shall have enough space for the scoreboard equipment.

## 3.9 LOC Administration Office

There shall be an office for the LOC Staff inside the competition venue. The room's size shall be appropriate for the main LOC Staff members and shall be preferably close to WBSC office. The room has to be free of distractions and shall carry a sign "LOC Office".

#### 3.9.1 Accreditation Centre

There shall be an Accreditation Centre in each one of the competition venues. The room should be suitable and fully equipped for making accreditations on site. The room shall have an area with seats and refreshments. LOC shall provide a minimum of two (2) working stations.

# 3.10 Doping-Control Station

Facilities for anti-doping control should provide privacy for the athletes and security for the collection procedure. The Doping-Control Station should comply with the following requirements:

Room	Doping-Control Station	
Location	- Isolated room, close to the FOP (if possible).	
Room Set-up	Within the Doping-Control Station, three areas are required (separated if possible):  - Waiting area*;  - Administration area*; and  - Area for sample collection*.  *Description below	
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water ☑ Snacks (recommended) ☑ Soft drinks and hot drinks (recommended)	
Note	<ul> <li>Athletes should not have to walk across the competition venue in front of spectators to get to the room;</li> <li>The room shall not be used for other purposes (such as storage, First Aid room, office, toilets, etc.);</li> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "Anti-Doping Control / Control Anti-Dopaje".</li> </ul>	

Access to the Doping-Control Station is restricted to authorised personnel only:

- Anti-Doping Control Officer;
- Selected athletes;
- Accompanying Officials of the selected athletes;
- National/International Federation Doping Control Official;
- Interpreter (if required); and
- Other authorised personnel (i.e. WADA observers).

#### [Waiting Area]

This area should be equipped as follows:

- Up to ten (10) chairs;
- Space for an adequate supply of non-alcoholic drinks in unopened containers;
- Rubbish bin; and
- Reading material, television or radio are helpful to create a relaxed atmosphere in the station.

#### [Administration Area]

This area shall contain the following:

- One (1) table and chairs;
- A cupboard or drawer (preferably lockable);
- Washbasin, soap and towels; and
- A lockable refrigerator for storage of samples (if possible).

**Note:** If separate rooms are not available for waiting and administration areas, a single room can be separated by a partition or screen.

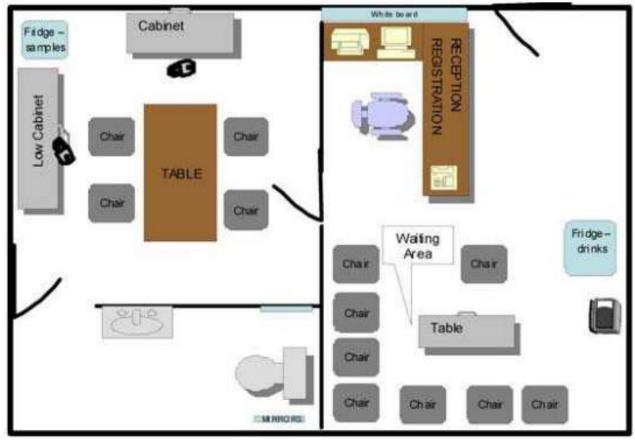
#### [Sample Collection Area]

This area shall be equipped as follows:

- At least one toilet is required in the sample collection area; and
- Sufficient space is needed to accommodate the anti-doping control officer and athlete in this area to ensure that the anti-doping control officer can observe the sample collection process.

**Note:** If there are no toilet facilities at the venue, temporary infrastructure/facilities can be installed, or hotel suite/room may be hired, or the LOC may provide a mobile testing unit.

The following image exemplifies the ideal station layout of the Doping-Control Station:



[Ideal station layout] for Doping-Control Station.

# 3.11 WBSC Family Dining Room

Each facility shall provide a dining room, where all WBSC Family members can have their meals, either together or separately. The room shall be equipped with sufficient chairs and tables for all members. WBSC will provide the meal plan for WBSC Family prior to the Event.

# 4. Teams Facilities

The following section provides the minimum requirements for a WBSC Baseball World Cup.

#### 4.1 Clubhouse

A private changing room shall be available for each Team. This room shall accommodate the entire delegation comfortably and time of use will be determined between WBSC and LOC based upon the Tournament schedule. A lockable storage compartment is recommended for each locker (players, coaches and extras); access control personnel shall be present at all times outside the clubhouse.

If possible, each facility shall provide at least five (5) more extra lockers than the Official Team Delegation.



[Clubhouse] Charros de Jalisco Stadium, 2019 WBSC Premier12™.

#### 4.2 Shower and Toilet Facilities

Each facility shall provide separate shower, drying and toilet areas with:

- Adequate shower heads;
- Adequate water closets; and
- Adequate toilets.

# 4.3 Manager's Office

Each facility shall provide a separate and private office for the Team Manager, with a separate toilet, shower and dressing area. The room shall be identified with a sign "Team Manager's Room".

#### 4.4 Coaches Locker Room

Each facility shall provide an appropriate number of lockers according to the number of coaches in the Official Team Delegation. It's recommended that these lockers be in a separate room from the players' lockers.

# 4.5 Training Room

Each facility shall provide a separate training room for both Teams divided into three areas: treatment, whirlpool and rehabilitation. The training room shall have space for at least two (2) treatment tables, one (1) medical whirlpool and one (1) ice machine. It is recommended that the training room contain a lockable storage area for training supplies. Also, additional space shall be provided for a separate office/dressing area for the trainer and Team physician.

# 4.6 Dining Room/Area

Each facility shall provide a location, where Teams can have their meals accordingly, either together or separately. The room shall be equipped with chairs and tables for all the Official Delegation. The meal plan for Teams will be provided by WBSC prior to the Event.

In the event that the competition venue does not have a dining room, temporary infrastructure can be added to the surrounding areas of the competition venue, either with tents, trailers or any other option that meets these purposes.

#### 4.7 Field Access

Each facility shall provide a direct access route from the clubhouse to the dugout/FOP.

# 4.8 Hitting Tunnels

All competition venues should have one covered tunnel for each Team for players to practice hitting and pitching in an enclosed environment. If provided, these tunnels should be reasonably close to each Team's locker room/clubhouse with minimum public access.



[Indoor hitting tunnel] Edgar Rentería Stadium, II WBSC U-23 Baseball World Cup 2018™.



**[Outdoor hitting tunnel]** Charros de Jalisco Stadium, 2019 WBSC Premier12™.

# 4.9 Team's Parking

It is recommended that each facility provide designated parking area with clubhouse access for players and other uniformed Team personnel. The parking area shall be near the Team's access to the competition venue.

# 4.10 Waiting Room

Each competition venue shall provide two (2) waiting rooms, where the Teams can be placed before the game and will be used only in the event that the previous game has not finished. The room will be used only for the second and third game in accordance with the Official Game Schedule and shall be equipped with chairs, tables, water and snacks for all the Official Team Delegation; access control personnel shall be present at all times outside the room.

In the event that the competition venue does not have a waiting room, temporary infrastructure will be allowed in the surroundings of the competition venue, either with tents, trailers or any other option that meets these purposes.

# 4.11 Warm-up Fields

In the event that WBSC approves any warm-up field for the Tournament, this venue shall provide the following:

- FOP of the same standard as the competition venues (each facility shall provide a field surface without major defects, safety hazards that could affect the safety of the players);
- Adequate locker rooms with showers and toilets (recommended);
- Medical services available during warm-up sessions; and
- Sufficient drinks and ice for the Teams use during the sessions.

# 5. Field of Play

# 5.1 Field Dimensions

All field dimensions shall comply with the minimum dimensions specified for each category in the WBSC Tournament Regulations and the Official Baseball Rules, as established in the following chart:

WBSC Baseball World Cups Official Field Dimensions	U-12	U-15	U-18	U-23	Women's
Distance between bases	75ft / 22.86m	90ft / 27.43m			
Distance from home plate to pitcher plate	51ft / 15.54m	60ft 6" / 18.43m			
Distance from home plate to second base	97ft 5" / 29.70m	127.3ft 3/8" / 38.79m			
Distance from home plate to backstop	25ft / 7.62m	60ft / 18.29m			
Distance from home plate to next batter's box	15-4ft / 4.70m	37ft / 11.27m			
Three feet line	35ft / 10.66m	45ft / 13.71m			
Distance from home plate to left and right field fence	220ft / 67m	3	325ft / 99r	m	min. 275ft / 83.82m – max 290ft / 88.40m
Distance from home plate to center field fence	270ft / 82.30m	400	Oft / 121.9	00m	min. 340ft / 103.63m – max. 360ft / 109.73m
Outfield fence height	min. 3.5ft / 1.06m - max- 6ft / 1.83m	6ft / 1.83m		min. 3.5ft / 1.06m – max- 6ft / 1.83m	
Radius	74ft / 22.55m	95ft / 28.95m			

Pitching mound height	6" / 0.15m	10" / 0.25m		
Pitching mound diameter	14ft / 4.27m	18ft / 5.48m		
Batter's box dimensions	3ft / 0.91m x 6ft / 1.82m	4ft / 1.22m x 6ft / 1.83m		
Home plate circle diameter	20.22ft / 6.16m	26ft / 7.92m		
Pitcher plate dimensions	6" x 2ft / 0.15m x 0.60m			
Bases dimensions	15" x 15" x 5"/ 0.38m x 0.38m x 0.12m			
Coach's box dimensions	4ft x 8ft / 1.21m x 2.43m	10ft x 20ft / 3m x 6m		

# 5.2 Playing Surface

Each facility shall provide a field surface (natural, artificial turf or mixed) without major defects, safety hazards or "trip-hazards" that could affect the normal play of the game or safety of the players. Warning track material shall be continuous and identify all zones within 15 feet (5.47m) of all walls and fences. This warning track shall be built of a material to provide visual and tactile notice of a significant change in surface type.



[Natural grass FOP] Tainan Asia-Pacific International Baseball Stadium, V WBSC U-12 Baseball World Cup 2019™.



[Artificial turf FOP] Tokyo Dome Stadium, 2019 WBSC Premier12™.



[Mixed - natural grass on outfield and artificial turf on infield FOP] Estadio Yaquis, III WBSC U-23 Baseball World Cup 2020™.

#### 5.3 Padded Fences

Athletes protection is of the utmost importance; therefore, dangerous areas such as, but not limited to sharp edges, fixed or hard cement walls or other protrusions infringing on the field of play, shall be padded.

#### 5.3.1 Outfield Wall

The permanent outfield wall or fence shall be a minimum of 6ft (1.82m) high.



[Padded and branded outfield fence]

## 5.3.2 Backstop

Each facility shall provide a backstop behind home plate. The configuration and dimensions shall vary due in relation to the structure of each facility. The permanent backstop wall or fence shall be padded to guarantee the safety of the players during the games. Periodic inspections shall be performed to ensure the integrity of the backstop.



[Padded and branded backstop] IV WBSC U-15 Baseball World Cup 2018™.

# 5.4 Bullpens

Each facility shall provide a bullpen area for each Team. These areas may be located in foul territory down the baselines or behind the outfield fence. Each bullpen shall have two (2) regulation pitching mounds and two (2) home plates, official distance, sufficient space for each pitcher and catcher and a bench for other players. If the bullpens are in foul areas, the side slopes of each mound shall not be steeper than 1:12 so as not to create a trip hazard for fielders as they approach the bullpen. There shall be tarps to cover each one of the mounds in the bullpen in case of rain.



[Bullpen] Charros de Jalisco Stadium, 2019 WBSC Premier12™.

# 5.5 Dugout

Each facility shall provide two (2) covered dugouts (home and visitor). Each dugout shall include a bench to accommodate up to thirty-five (35) uniformed personnel. It is recommended that each dugout includes a refrigerated water cooler (bottled water) and provide direct access to a restroom.



[Padded and branded dugout] USSSA Space Coast Complex, VIII WBSC Women's Baseball World Cup 2018™.

#### 5.5.1 Helmet and Bat Rack

Each dugout shall have a helmet rack for a minimum of fifteen (15) helmets and a bat rack for a minimum of thirty (30) bats.



[Dugout equipment] Edgar Rentería Stadium, II WBSC U-23 Baseball World Cup 2018™.

### 5.5.2 Floor

It is required that all dugouts provide an anti-skid surface on steps and walkways, such as wood, rubber matting or artificial turf, but not roughened concrete.



[Not good] No anti-skid surface at Kenny Serracín Stadium, IV WBSC U-15 Baseball World Cup 2018™.



**[Good]** Anti-skid surface at Tokyo Dome Stadium, 2019 WBSC Premier12™.

## 5.6 Field Equipment

Each facility shall provide the following field equipment. Given examples given shall serve as guidelines for equipment units and quality. All equipment will require approval from WBSC Venue Coordinator and the Technical Director. In the event that the equipment does not meet the requirements, LOC shall replace it and provide new equipment in accordance with WBSC Standards.



[Pre-game field equipment] Zozo Marine Stadium, 2019 Premier12™.

## 5.6.1 Batting Cage for BP

Each facility shall provide a full cover batting cage. Each batting cage shall have minimum dimensions of 18ft (5.50m) wide, 14ft (4.25m) deep and 9ft (2.75m) high. It is recommended that the cage be portable and made of an aluminium frame to provide maximum maintainability. There shall be a gate large enough to allow the batting cage to be freely taken to and out from the FOP. Periodic checks of the batting cage shall be performed to verify frame and net integrity.

#### 5.6.2 Screens

Each facility shall provide the following screens:

- Pitching "L" screen;
- First base screen;
- 2nd base/double play screen; and
- Shag protector screen.

**Note:** Periodic checks of all screens shall be performed to verify frame and net integrity.

Screens shall have the following minimum dimensions:

- Pitching "L" screen (8ft high x 8ft wide with a 4ft x 4ft notch in the upper corner / 2.40m high x 2.40m wide with a x 1.20m notch in the upper corner);

- Double play protector screen (7ft high x 14ft wide / 2.10m high x 4.30m de wide); and
- First base and shag protector screens (8ft high x 8ft wide / 2.4m high x 2.40m wide).

#### 5.6.3 Batter's Eye

The batter's eye is a solid dark-coloured area (black, green or blue) behind center field that is used as a visual backdrop behind the pitcher directly in the line of sight of the player up at-bat. This solid dark area allows the baseball batter to see the ball being pitched against a dark and uncluttered background providing a clear contrast for safety and avoiding distractions to the hitter in the action of tracking the ball from the pitcher's hand. The size recommended for the batter's eye shall not be less than 40ft x 80ft (12m x 24m).



[Batter's eye] 18 de Julio Stadium, II WBSC U-23 Baseball World Cup 2018™.

#### 5.6.4 Foul Poles

Each facility shall provide two foul poles of bright colour of a minimum of 45ft (13.70m) high with a flat surface/screen to the fair side of the pole. No white signs shall be allowed immediately adjacent to each side of the foul pole.

## 5.6.5 Flag Poles

Each facility shall provide the following flagpoles in clear view of the entire seating bowl for:

- National flag of the nation in which the facility is located;

- Home Team National flag;
- Visiting Team National flag; and
- WBSC flag.

**Note:** More information and visual examples related to flag poles can be referred to <u>Appendix 2 - WBSC</u> <u>Ceremony Guidelines.</u>

#### 5.6.6 Field Lighting

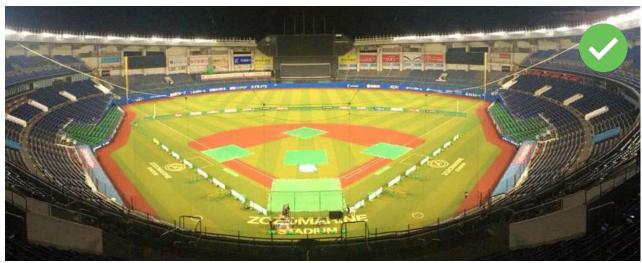
All lighting systems shall maintain the average illumination of 1,300 lux in the vertical plane (towards the camera lens) for the infield, approximately 1,000 lux for the outfield and spread evenly on the baseball FOP area without any shadows or patches. The rest of the FOP shall have sufficient illumination.

#### 5.6.7 Tarps

It is recommended that each facility provides a full infield tarp; alternatively, tarps for the pitcher's mound, home plate, base pits, and bullpen tarps are needed. It is recommended that the tarps be oversized to prevent water from running under the edge to the dirt area. The tarps shall be stored in an easily accessible location but in a way not to create a safety hazard on the FOP.



[Good example] Full infield tarp.



[Good example] Base pits, mound and home plate tarps fixed properly.



**[Not good example]** Base pits, mound and home plate tarps not fixed properly.

# 6. Field Maintenance

This section outlines requirements and recommendations for the overall maintenance of the facility and FOP professionally and effectively.

# 6.1 Groundskeepers Crew

Field crew is responsible for the FOP to be in perfect conditions before, during and after the Tournament; guaranteeing all Teams to perform under the same conditions.

As part of their role, the main tasks are mentioned below:

- Full availability during the Tournament, in case of rain it will be necessary to work extra hours on the field;
- Setting up all field equipment on the FOP and hitting tunnel (s), also an adequate number of balls shall be placed on buckets/containers before the batting practice;
- Levelling of the infield in order to have a perfect-condition field with no bumps;
- Preparation of pitching mound and paint the rubber/pitching plate;
- Infield recondition after the 5<sup>th</sup> inning;
- Raising of flags behind the outfield fence before the game; and
- Crew shall be available at all times and shall have all equipment and materials needed (clay, drying material, sponges, etc.) in order to fix and clean the field (pitching mound, home plate area, outfield, bullpens, etc.).

**Note:** If any areas are found not up to standard during the venue inspection, LOC will be required to hire WBSC's recommended professionals to perform the renovations.



**[Groundskeepers crew]** After game field maintenance.

# 6.2 Facility Maintenance and Cleanliness

The clubhouses and all public areas are required to be clean, freshly painted and completely free of trash and rubbish. Each facility shall follow a maintenance program/schedule, in order to maintain the minimum required standard.

#### 6.3 Field Maintenance

The FOP shall be maintained at the highest possible professional level. Every reasonable effort shall be made to ensure the safety of the players and the smooth play of the game. The facility shall utilise proper maintenance equipment. Nail-drags, screens, tampers and rakes are recommended to maintain all dirt areas.

Proper turf care equipment (mowers, tractors, etc.) shall be used, and an appropriate maintenance plan shall be developed and followed to maintain the FOP. A thorough review of all equipment and staffing will be required prior to the approval of any facility for a WBSC Event.

Weather is a key component of the game. It is required that each facility have access of some type of real-time weather forecast devise/application.ç

# 6.4 Field of Play Reconditioning



[Pre-game] Pitcher's mound reconditioning.

The pitcher's mound and home plate areas shall be reconditioned prior to each game through the use of specific clay materials and tampers. The clay materials of the mound and home plate shall have a consistency of 50% clay, 40% sand, 10% silt. The infield clays should have a consistency of 40% clay, 50% sand 10% silt.

Mowing equipment should be triplex type mowers. All grass should have at least 4 inches (0.10m) of root growth prior to Tournament play.

The artificial turf grass shall be free of weeds and undulations. A turfgrass maintenance program will be requested as part of the LOC proposal.

Warning track material shall be made of a product that drains well, and no stones larger than ¼ inch in size should be present.

Each field shall have access to all necessary equipment to maintain the field during the Tournament, such as turf protection covers, pitching decks, hitting mats, etc.

#### 6.5 Field Maintenance Materials

A sufficient amount of a stock of drying material is required to be available at all times for infield reconditioning. WBSC shall approve all materials. A chemical drying agent and/or calcined clay such as "Diamond Pro" or "Pros choice" may be used in combination to stabilise areas affected by excessive moisture. Sand should not be the sole drying agent on any field.

Each facility shall have sufficient paint to mark the foul lines in the outfield and white non-caustic chalk powder to mark the lines on the infield and batter's box.

# 6.6 Irrigation System

It is recommended that each facility provides a full field irrigation system as well as water lines 1½ inches or larger behind both home plate and second base for watering the infield grass and base pit areas. Also, a series of water outlets 1 inch or larger shall be distributed around the FOP in order to water the field if the irrigation system should become inoperable. It is recommended that a full-field irrigation system be provided at each existing facility.

# 6.7 Field Drainage System

Each facility shall comply with an under-field drainage system integrated into the subbase of the turf (natural or artificial) surface. This system shall be a system made of a drain tile material in a porous collection bed (or similar system) below the turf base. It is recommended an optimal slope of 0.5% be maintained from the base of the pitcher's mound to the baselines and from second base to the outfield warning track.

# 7. Venue Infrastructure

### 7.1 Sound System

It is recommended that each facility provide an acoustically balanced integrated sound system with the capacity to deliver clear audio messages to the press box, concourses and all public areas within the facility.

Speakers and any electronic device used for public announcements, National Anthems and music entertainment shall provide a qualitative and clear sound reproduction, above the ambient noise, even in large capacity venues. Loudspeakers shall be positioned in a way to reproduce uniform sounds throughout the venue with no distortion or "echo" effects.

### 7.2 Scoreboard

Each facility shall provide a scoreboard that fulfils, at least, the following as minimum requirements:

- Team names (It shall have enough space to write the correct name of the Teams or the abbreviation according to IOC regulations);
- Player at bat;
- Score;
- Balls-Strikes-Outs;
- Total hits Total errors; and
- Line-ups (recommended).

All scoreboard characters shall be large enough to be seen throughout the facility. No part of any scoreboard and/or associated lighted advertising panels may be located within 50ft (15.24m) from the centerline of the FOP.



[Scoreboard, video screen and clock]

### 7.3 Video Screen

It is highly recommended to install a giant screen next to batter's eye to display replay during the game, highlights, roster information, photos of players, commercial advertising videos before and during the games.

### 7.4 Clocks

Each facility shall provide two (2) clocks in accordance with the WBSC Baseball Tournaments Game Management Clocks Regulations, as follows:

### [Infield Clock]

INFIELD CLOCK	DESCRIPTION
Requirement	<ul> <li>A four-digit clock;</li> <li>Located in clear view of the pitcher, not interfering with backstop publicity;</li> <li>Remote controllable and synchronised with the outfield clock;</li> <li>To be secured to the wall, preferably flush with the existing backstop;</li> <li>Durable display to withstand being hit by a ball repeatedly and inclement weather; and</li> <li>To be padded on top and sides for player's safety, especially if it projects out of the backstop.</li> </ul>
Digit size	- Minimum height 69.96cm (24")



[Infield clock]

### [Outfield Clock]

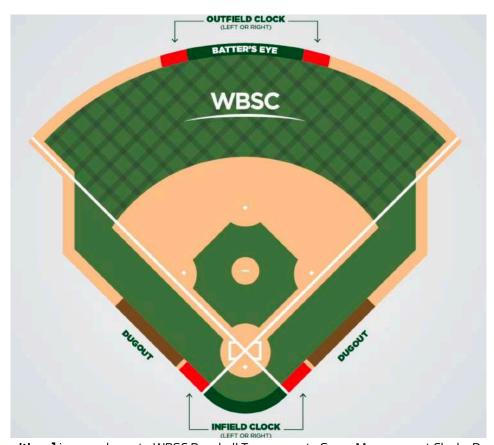
OUTFIELD CLOCK	DESCRIPTION
Requirement	<ul> <li>A four-digit clock;</li> <li>Located outside the FOP, not interfering the batter's eye. It can be added to an existing video board;</li> <li>Remote controllable and synchronised with the infield clock; and</li> <li>Durable display to withstand being hit by a ball repeatedly and inclement weather.</li> </ul>

Digit size

- Minimum height 76.20cm (30")



[Outfield clock]



**[Clocks positions]** in accordance to WBSC Baseball Tournaments Game Management Clocks Regulations.

Each competition venue shall also provide a time of day clock located in full view of all field personnel from the beginning of batting practice until the end of each game.

### 7.5 Radar Gun

TV Production company should provide a radar gun to measure the pitch velocity. The radar gun should be position behind home plate. The measurements shall be displayed on the TV broadcast and the onsite screen, if available.

# 8. VIP Hospitality Areas

### 8.1 WBSC President Suite

There shall be a suite for the WBSC President and Guests inside the competition venue with field view. The room shall comply with the following requirements:

Room		WBSC President Suite
Location	Suite with field view	
Room Set-up	A sufficient number of sea	ats/chairs
Technical Requirements	☑ Power strips	☑ Dedicated Wi-Fi
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks ☑ Refrigerator, tea and coffee machine (recommended) ☑ Soft drinks and hot drinks (recommended)
Note	- Room shall be private, fr - Lockable door;	ree of distractions;

- Access control personnel shall be present to control access outside the room; and
- The room shall carry a sign "WBSC President Suite".

## 8.2 VIP Lounge

LOC shall organise the VIP Hospitality Area(s), and it is recommended to be situated close to the VIP seats. The Hospitality Areas shall be suitable for an agreed number of WBSC, and LOC VIP Guests. Access shall be permitted only for guests with the appropriate accreditation.

LOC shall provide an agreed quality of hospitality service previously approved by WBSC (i.e. food and beverages).

The VIP Area shall be open and provide hospitality one hour before the start of the first game and close approximately 30 minutes after the end of the last game of the day.

### 8.3 VIP Seats

LOC shall provide a sufficient number of seats in a preferable area behind the home plate for all VIP accredited persons. The exact number of tickets will be established by WBSC at a date to be agreed upon between WBSC and LOC.

## 8.4 Sponsors, Media & Marketing Partners Suite

There shall be a sufficient number of suites for the WBSC Sponsors, Media and Marketing Partners with field view. The room shall comply with the following requirements:

Room	Sponsors, Media & Marketing Partners Suite
Location	Suite with field view
Room Set-up	A sufficient number of seats/chairs

Technical Requirements	☑ Power strips	☑ Dedicated Wi-Fi
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks ☑ Refrigerator, tea and coffee machine (recommended) ☑ Soft drinks and hot drinks (recommended)
Note	upon between WBSC an - Room shall be private, for - Lockable door; - Access control personne	

# 9. Spectators Services

# 9.1 Seating

Seating capacities should be appropriate and in accordance with the number of fans of the Baseball Team that plays in the competition venue. A minimum seating capacity of 2,500 is recommended. Berm seating shall not be considered as part of the recommended minimum seating count. Specific Tournaments may require additional seating.



[8,000 Seating Capacity] Tainan Asia-Pacific International Baseball Stadium, V WBSC U-12 Baseball World Cup 2019™.

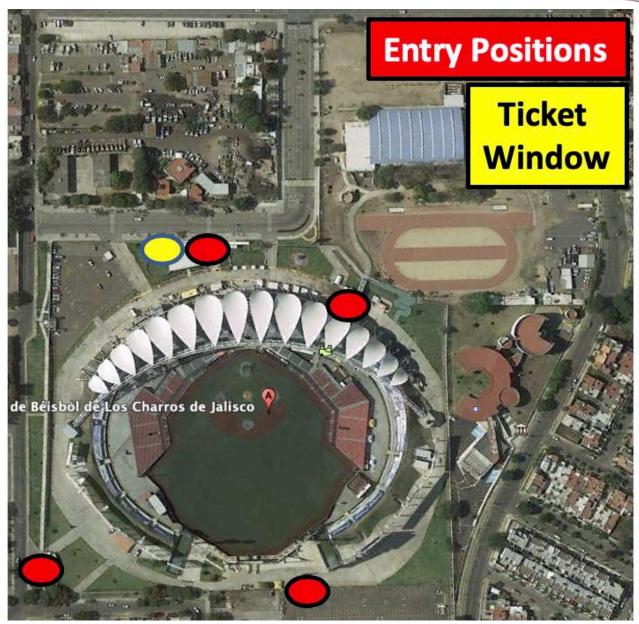
### 9.2 Restrooms & Lavatories

It is recommended that each facility provide sufficient public permanent toilet facilities, not portable and that such facilities be distributed in accordance with the distribution of the seating locations and exiting system in order to allow minimal walking distances from all parts of the facility.

Accessible toilets for people with physical disabilities are mandatory, and the sanitary measures recommended by local authorities shall be followed.

# 9.3 Ticket Windows and Entry Positions

LOC shall indicate on maps of each competition venue, the exact location of ticket windows and all entry positions, as exemplified in the following image:



[Ticket window/office and entry position map]

#### 9.3.1 Ticket/Box Office

It is recommended that each facility provides at least one ticket window for every 1,500 seats of total capacity.

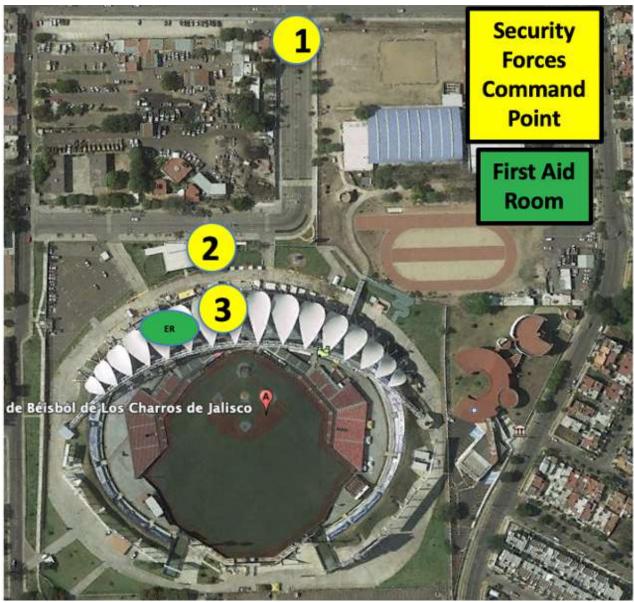
## 9.3.2 Entry Positions

It is recommended that each facility provides one turnstile or equivalent entry position (minimum of 30 inches / 0.75m wide) for every 1,500 seats of total capacity.

# 9.4 Concession Stands

It is recommended that each facility provide sufficient commercial concessions where soft drinks, food, souvenirs from the Tournament, etc. can be purchased.

# 10. Security & First Aid



[Security checkpoints and First Aid room map]

LOC shall indicate on maps of each competition venue, the exact location of access controls, security checkpoints and First Aid room, as exemplified in the image above.

## 10.1 Access Control and Security Checkpoints

It is recommended that each facility coordinates with local law enforcement officials to provide controlled access. LOC access control personnel shall work together with the Security Forces to promote a safe and trouble-free environment during the entire Event.

Also, it is strongly recommended that each competition venue dispose of a "command post" for Event Security Forces, centrally located with provisions for removing unruly patrons from the facility.

### 10.2 First Aid Station



[First Aid room] WBSC U-15 Baseball World Cup.

It is recommended that each facility provide a First Aid Station with certified medical personnel staff during the entire Event. The furniture and equipment of the room shall include:

- A bed for medical examinations:
- A desk;
- A wardrobe and a coat rack; and
- An oxygen cylinder with the proper equipment for package resuscitation and defibrillator.

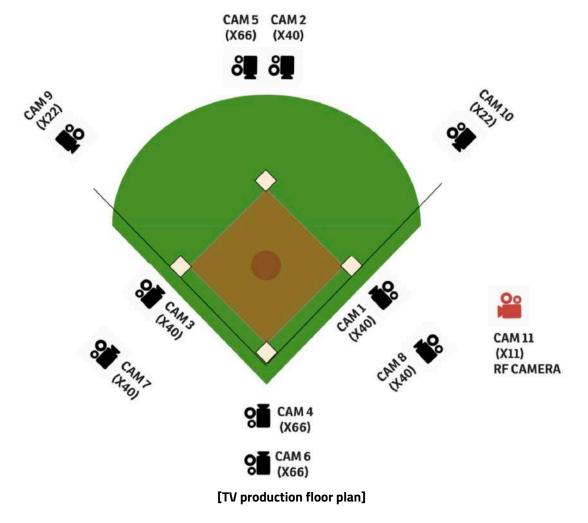
The room shall carry a sign "Fist Aid Station/Room", as exemplified above.

### 10.3 Ambulance

Ambulance standby area shall be close to the FOP, the training area and the First Aid Station/Room. The evacuation route for the ambulance shall be indicated in the venue operations floor plan. There shall be an ambulance together with qualified personnel available at all times.

# 11. TV Production

The following items are set as TV production cameras minimum requirements and camera positions diagram for a streaming production for all WBSC Baseball World Cups.



#### 11.1 Camera Positions

WBSC recommends a minimum of ten (10) cameras, to guarantee a consistently high standard of broadcasting across all WBSC World Cups. The host broadcaster camera plan should show all camera positions provided to the multilateral feed.

The following conditions apply to all camera positions:

- Cameras may not obstruct the view of any player in the dugout, WBSC Officials or spectators;
- Cameras shall not present any safety risk for players, WBSC Officials, spectators or broadcast personnel;
- Cameras shall be positioned and operated in a way that does not conflict with any local safety and security regulations;
- All fixed dugout cameras shall have adequate protective covering to ensure the safety of players; and
- All camera positions shall be approved by WBSC/BASE Staff on site.

### 11.2 TV Commentators Booths

LOC shall provide two (2) broadcast booths for official WBSC TV Commentators, one for ENG and another for ESP commentators. The rooms shall comply with the following requirements:

Room		TV Commentators Booth
Location	- High position behind home	e plate with a full view of FOP
Room Set-up	<ul><li>Min. one working station f</li><li>Microphones and headsea</li><li>Min. one monitor.</li></ul>	for two (2) people; ats (these will be provided by Host broadcaster); and
Technical Requirements	☑ Power strips	☑ Dedicated Wi-Fi
Miscellaneous	☑ Air conditioning / Fan ☑ Rubbish bin ☑ Bottled water	☑ Snacks (recommended) ☑ Soft drinks and hot drinks (recommended)
Note	- Room shall be private, quiet - Lockable door;	t and free of distractions;

- Operable windows;
- Access control personnel shall be present to control access outside the room; and
- The room shall carry a sign "WBSC TV Commentators".



[TV commentator booth]

# 11.3 TV Compound Parking Area

Designated parking shall be provided for television vans and broadcast trucks, electric generator and satellite dish.

# 11.4 Cabling / Switch Boards

Host broadcaster shall make available all the production equipment including but not limited to the following upon request of visiting broadcasters with a rate card. All rate cards shall be reasonable market rate an approved by WBSC/BASE.

#### 11.5 Electric Source / Generator

LOC should provide power and back-up power for the host broadcaster, OB vans, graphics company and commentary area. All power and back-up power for the host broadcaster and broadcast partners' needs shall be an uninterrupted power source and on a different phase from the rest of the FOP.

After the games, LOC shall ensure that the broadcast working areas and other working areas are adequately lit until all work is completed.

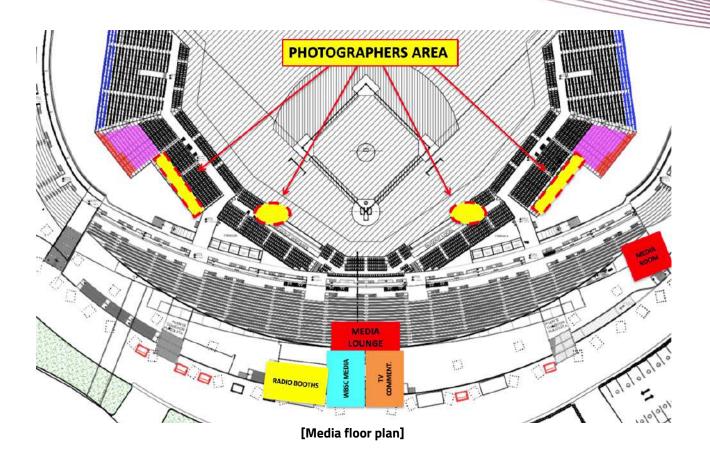
## 11.6 Internet Availability

There shall be ten (10) WIFI high-speed Internet connections at every Event venue. Those ten (10) connections shall respectively be in at least 500 Megabit/sec in both download and upload speed with a fixed IP address.

TV Production must-have of the 500Mbps a stable internet with a dedicated 50 Mbps (minimum) UPLOAD and DOWNLOAD connection is required in each competition venue.

## 12. Media Facilities

LOC shall provide a floor plan of each competition venue that shows all of the functional areas for Media, as exemplified in the following image:



## 12.1 Media Parking and Access

It is recommended that each facility provides a parking area for all members of the Media with direct access to the facility. It is also recommended that parking be provided for television vans and broadcast trucks (if present).

## 12.2 Photographers Area

LOC should provide an area with a recommended height of approximately 2ft (0.60m) and a length of 23ft (7m). This area should be protected by a screen 2.5ft(0.80m high) and placed behind the first and third baselines off of the FOP and should not obstruct any of the host broadcast television cameras or hinder in any way the work of the host broadcaster (if present). In order to protect the players' safety, the screen shall be padded.

### 12.3 Radio Broadcast Booths

It is recommended that each facility provides two radio broadcast booths (home and visitor) that provide a direct view of the entire field and facilitate the broadcast of the game. The rooms shall comply with the following requirements:

Room	Radio Broadcast Booth
Location	- High position behind home plate with a full view of FOP
Room Set-up	<ul><li>Min. one working station for two people; and</li><li>A sufficient number of chairs.</li></ul>
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi
Miscellaneous	☑ Air conditioning / Fan ☑ Bottled water ☑ Rubbish bin ☑ Telephone (recommended)
Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Lockable door;</li> <li>Operable windows;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "Radio Broadcast Booth".</li> </ul>

# 12.4 Media Lounge



[Media lounge] Gijang-Hyundai Dream Ballpark, XXIX WBSC U-18 Baseball World Cup 2019™.

It is recommended that each facility provides a separate area with minimum space for members of the print media, with a direct view of the entire field. The room shall comply with the following requirements:

Room	Media Lounge	
Location	- High position behind home plate with a full view of FOP	
Room Set-up	<ul> <li>Working stations in accordance with the accredited Media; and</li> <li>A sufficient number of chairs.</li> </ul>	
Technical Requirements	☑ Power strips ☑ Dedicated Wi-Fi	
Miscellaneous	☑ Air conditioning / Fan ☑ Bottled water ☑ Rubbish bin ☑ Snacks	

Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Volunteers shall be present;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "Media Lounge".</li> </ul>

## 12.5 Press Conference Room



[Press conference room] Tokyo Dome Stadium, 2019 WBSC Premier12™.

The LOC shall be responsible for providing the necessary infrastructure for a press conference room. The room shall comply with the following requirements:

Room	Press Conference Room
Location	- Close to clubhouses
Room Set-up	<ul> <li>- A sufficient number of chairs;</li> <li>- Translation booths and technical equipment (if necessary);</li> <li>- Platform with tables and chairs (large enough to accommodate the MC and two representatives of each Team);</li> </ul>

	- Platform in the back of the room for cameramen and photographers; and - Event backdrop.
Technical Requirements	☑ Power strips ☑ Microphones
Miscellaneous	☑ Air conditioning / ☑ Bottled water
Note	<ul> <li>Room shall be private, quiet and free of distractions;</li> <li>Volunteers shall be present;</li> <li>Lockable door;</li> <li>Access control personnel shall be present to control access outside the room; and</li> <li>The room shall carry a sign "Press Conference Room".</li> </ul>

### 12.6 Mixed Zones

A mixed zone shall be set up to offer opportunities for the written press, radio and non-rights holders to interview the players after the games. It should be located between the FOP and the locker rooms and/or the locker rooms and the Team buses (outside the clubhouses).



[Mixed zone] Gijang-Hyundai Dream Ballpark, XXIX WBSC U-18 Baseball World Cup 2019™.