Developing the Right Sports Hall

Introduction
The following sports data sheets are for use in conjunction with Sport England’s ‘Developing the Right Sports Hall’ (DRSH) main document. They relate to Step 5 ‘Establishing the Project Brief’ and identify the needs of the priority sport and the key secondary sports.

These sheets show the requirements for Cricket as the ‘Priority Sport’ at club / community level of play and other ‘Secondary Sports’ that can fit into the same overall space. The 4 lane size and lighting are to ECB designated club / local club level requirements to also accommodate a range of other sports including a community level basketball court. The central spacing between lanes 2 and 3 is set at the minimum 3.4 m for ceiling mounted drop down basketball goals (as per ECB recommendations). This allows for improved space for safe practice or padding up over the narrower 2.0 m central spacing that can be achieved using alternative wall hinged basketball goals.

Level of Play

<table>
<thead>
<tr>
<th>New Level of Play Category</th>
<th>International</th>
<th>Premier</th>
<th>Club</th>
<th>Community</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>This category relates to the lowest level of International play</td>
<td>This category relates a Premier / National League Club competing in regional or Inter county competitions</td>
<td>This category relates a local club competing in District and County League competitions</td>
<td>This category relates to school and community use where there is no formal competitive structure / no specific need for space for officials or spectator accommodation</td>
</tr>
<tr>
<td>Indoor Cricket equivalent</td>
<td>N/A</td>
<td>N/A</td>
<td>Club</td>
<td>Educational</td>
</tr>
</tbody>
</table>

Commentary
The sports data sheets use the NGB’s requirements for the field of play. Spectators zones for match play are not included and are assumed to be a site specific requirement. For further details of the requirements for indoor cricket see the England and Wales Cricket Board (ECB) website http://www.ecb.co.uk and the TS3 download ‘Indoor Sports Halls with Cricket Provision’. For further details of the requirements for ‘secondary sports’, see Appendix 8 of the main DRSH document for links to other NGB’s websites.

1 New level of play categories for each sport as agreed by the NGBs and Sport England and applicable throughout this document.
2 For higher levels of international competition, such as major championships, the relevant NGB should be consulted at a very early stage as the requirements vary considerably.
3 For other sports, see Appendix 4 ‘Level of play categories for each sport’ within main document.

Key Issues
- **Spatial requirements:** Overall length is to ECB's recommended optimum of 33.62 m. Overall width is based on including a minimum 3.4 m central clear zone for ceiling mounted retractable basketball goals (see ECB recommendations) and for safe padding up / practice and minimum side margins. Height is based on ECB's lower limit guide height range of 7.7 - 9.2 m clear, to accommodate overhead netting at minimum 5.0 m above floor level. Access and means of escape into and out of the hall require careful consideration.
- **Flooring:** To ensure surfaces with playing and durability characteristics required by cricket are installed, the ECB has developed a Performance Standard for Indoor Cricket Surfaces based on BS EN 14904 Surfaces for sports areas - Indoor surfaces for multi-sports use - Specification, but includes properties specifically required by the game of cricket.
- **Walls / netting:** Minimum 1.0 m ‘net to sidewall’ margins are based on there being no projecting features. Netting tracks require careful consideration / co-ordination with wall obstructions and basketball goals to achieve ECB minimum clearance requirements.
- **Lighting:** In multi-purpose sports halls, lighting should use fluorescent light fittings with multiple lamps which reduce glare and maintain uniformity at different illumination levels, with lines of fittings running alongside each wicket and fixed to the structure.

**Note:** For further details see ECB website and Sport England’s design guidance notes ‘Floors for Indoor Sports’ and ‘Artificial Sports Lighting’.
# Developing the Right Sports Hall

## Indoor Cricket

### Source of information:
- [http://www.ecb.co.uk ‘Indoor Sports Halls with Cricket Provision’ TS3 download](http://www.ecb.co.uk)
- [http://www.sportengland.org/facilities__planning/design_and_cost_guidance.aspx](http://www.sportengland.org/facilities__planning/design_and_cost_guidance.aspx)

### Indoor Cricket

#### Community / Club (4 Lanes)

<table>
<thead>
<tr>
<th>Overall space (m) incl. R/O</th>
<th>Lane Size (m)</th>
<th>Run offs (m)</th>
<th>Additional areas (m)</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>L x W x H</td>
<td>Length</td>
<td>Width</td>
<td>Height</td>
<td>T/O</td>
</tr>
<tr>
<td><strong>33.62 x 20.04 x 7.70</strong></td>
<td>31.62</td>
<td>3.66</td>
<td>7.70 min (to give 5.00 clear under net)</td>
<td>1.00</td>
</tr>
</tbody>
</table>

#### Secondary Sports

<table>
<thead>
<tr>
<th>Sport</th>
<th>Number</th>
<th>Compliance</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Badminton</td>
<td>4 court format</td>
<td>✓</td>
<td>Club</td>
</tr>
<tr>
<td>Basketball</td>
<td>1 court format</td>
<td>✓</td>
<td>Community</td>
</tr>
<tr>
<td>Netball</td>
<td>0 court format</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Volleyball</td>
<td>1 court format (lengthways)</td>
<td>✓</td>
<td>Premier</td>
</tr>
<tr>
<td>Volleyball Training</td>
<td>2 court format (transverse)</td>
<td>✓</td>
<td>Training</td>
</tr>
<tr>
<td>Basketball Training</td>
<td>Rings on side walls</td>
<td>X</td>
<td>Training</td>
</tr>
</tbody>
</table>

* A preferred overall length of 33.62 m has been used for comparison within these sheets. Where space is restricted, the ECB may accept a reduced overall length down to 31.2 m on a project by project basis.
Indoor Cricket (contd)

Notes of key issues for Community /Club level Indoor Cricket

- Hatched areas indicate space which is excess to secondary sport requirements. In some cases, this can provide improved circulation and space for spectators and wheelchair users.
- Where space is restricted, the ECB may accept a reduced overall length down to 31.2 m subject to agreement on a project by project basis. Reductions in length may only be made and calculated from the run up end.
- Space around the nets is an important consideration. For instance, 2 bays with adequate space around for additional safe practice / padding up can be preferable to 4 bays with insufficient space for safe padding up and other practice.
- A roll out mat found to be suitable on one type of sports hall will not necessarily provide satisfactory performance on a different type of sports hall floor. Secondary sports floor requirements / cricket mat combinations to be coordinated for compatibility for cricket / meet ECB requirements.
- ‘Net to wall’ side margins are to be at least 1.0 m from adjacent walls up to a height of approximately 2.0 m. Above this height, margins are to be not less than 0.5 m from e.g. basketball goal hoops, to reduce the risk of balls striking equipment.
- Lighting: uniformity ratio (0.8) = Emin / eav.
- Clear height and lighting requirements for badminton to be carefully considered regarding tracking for nets / switching.
- The offset of the main basketball goals from end walls requires careful consideration / co-ordination with netting tracks. Check with equipment manufacturer before finalising hall dimensions.

Secondary Sports

Layouts for other sports within a 4 lane indoor cricket space of 33.62 x 20.04 x 7.70 m

Badminton (Club) Basketball (Community) Netball (Community) Volleyball (Premier)

- cannot be accommodated in a 4 lane indoor cricket space, unless it is made longer

Volleyball (Training)

Basketball Training

- cannot be accommodated in a 4 lane indoor cricket space, unless it is made wider - see notes above