REGULATIONS FOR COMPETITIONS
Olympic Qualifying Regulations ..... 82
Olympic Games : Statement of Badminton's Requirements ..... 86
Olympic Games : Regulations for the Badminton Competition ..... 91
General Competition Regulations
1 Purpose and applicability of the Regulations ..... 92
2 Tournament definitions ..... 92
3 Sanction ..... 93
4 Rights ..... 95
5 Entries and control of entries ..... 95
6 Tournament age limits ..... 96
7 Member Associations’ responsibilities for tournaments and players ..... 96
8 International representation ..... 97
9 Jurisdiction ..... 97
10 Invitations ..... 98
11 Payments to players ..... 98
12 The draw ..... 98
13 Qualifying ..... 112
14 Qualifying - alterations to the draw and stopping matches in progress ..... 112
15 Main draw - alterations and substitutions ..... 113
16 Ranking in events played under the pool system or in groups ..... 114
17 Advertising in the playing area ..... 114
18 Virtual imaging or advertising ..... 115
19 Clothing (general) ..... 115
20 Colour of players’ clothing ..... 115
21 Designs on players' clothing ..... 116
22 Lettering on players' clothing ..... 117
23 Advertising on players' clothing ..... 120
24 Results ..... 120
25 Withdrawals ..... 120
26 Conduct of tournaments or events ..... 121
27 Prizes ..... 122
28 Player Movement ..... 123
29 Doping and femininity control ..... 123
30 World Ranking System (Appendix 6) ..... 123
31 Implementation, modification and penalties ..... 123
Appendix 1
International representation chart ..... 124
Appendix 2
Specifications for international standard facilities ..... 125
Appendix 3
Anti-Doping Statutes ..... 126
Appendix 4
Players' Code of Conduct ..... 142
Appendix 5
Declaration on Integrity of Matches ..... 145
Appendix 6
World Ranking System ..... 146
Disciplinary Regulations ..... 154
IBF events and World Grand Prix Regulations:
World Championships ..... 157
World Junior Championships ..... 162
World Junior Team Championships ..... 165
World Senior Championships ..... 166
Thomas \& Uber Cups ..... 169
Sudirman Cup ..... 176
World Grand Prix ..... 181

## OLYMPIC QUALIFYING REGULATIONS for ATHENS 2004

1. EVENTS

| Men | Women | Mixed |
| :--- | :--- | :--- |
| $\bullet \quad$ Singles | $\bullet$ | Singles |
| $\bullet$ | $\bullet$ | Doubles |
| $\bullet$ | Doubles | $\bullet$ |
| Doubles |  |  |

## 2. NUMBER OF PLAYERS/ NOC QUOTA

| 2.1 | Player quota | 86 |
| :--- | :--- | :--- |
|  |  | men |
|  |  | $\mathbf{1 7 2}$ | women | total players |
| :--- |

## Maximum per NOC

2.2 The maximum number of players per NOC shall be three entries in each of the five events, provided each entry is qualified (see Regulations 3.2.1 to 3.2.14).

## 3. QUALIFICATION SYSTEM

### 3.1 QUALIFICATION SYSTEM PRINCIPLES

The IBF ranking list of 1 May 2004 will be used to determine qualification for the following number of places in each event:

| Men's singles | 29 | places |
| :--- | :--- | :--- | :--- |
| Women's singles | 29 | places |
| Men’s doubles | 38 | places (19 pairs) |
| Women's doubles | 38 | places (19 pairs) |
| Mixed doubles | 38 | places (19 pairs) |
| TOTAL | $\mathbf{1 7 2}$ | places |

### 3.2 QUALIFICATION SYSTEM IN DETAIL

## IBF ranking list, 1 May 2004

3.2.1 The IBF ranking list of 1 May 2004 will be used to allocate qualifying places until a total of 29 places in each singles event and 19 places (pairs) in each doubles event are allocated, including the requirements of Regulations 3.2.5 to 3.2.14.

## Players/pairs ranked 1 to 16

3.2.2 Players/pairs ranked 1 to 16 in the IBF ranking list for each event will be taken in turn and will qualify unless a total of three players/pairs from any one NOC would thereby be exceeded in that event.

## Attribution of qualification

An NOC may have more than three players/pairs ranked 1 to 16 in the IBF ranking list for a particular event. In such a case the NOC has the right to disregard ranking order of those players/pairs when determining its entries, and select from any of the players/pairs ranked 1 to 16 in filling its three qualification places for the respective event. In the event of the withdrawal of a player/pair entered by that NOC, the NOC will be invited to replace the player/pair by another player/pair ranked 1 to 16.

## Players/pairs ranked 17 to 64

3.2.3 Players/pairs ranked 17 to 64 in the IBF ranking list for each event will be taken in turn and will qualify unless a total of two players/pairs from any one NOC would thereby be exceeded in that event.

## Attribution of qualification

An NOC may have more than two players/pairs ranked 1 to 64 in the IBF ranking list for a particular event. In such a case the NOC has the right to disregard ranking order when determining its entries and select from any of the players/pairs ranked 1 to 64 in filling its two qualification places for the respective event, provided each player/pair eventually selected would have qualified under Regulations 3.2.1 to 3.2.3.

## Players/pairs ranked 65 and lower

3.2.4 Players/pairs ranked 65 and lower in the IBF ranking list for each event will be taken in turn and will qualify unless a total of one player/pair from any one NOC would thereby be exceeded in that event.

## Host NOC

3.2.5 The host NOC (Greece) shall be entitled to have exactly two players in total in the Olympic competition, but more than two players are permitted if all the players have qualified under Regulations 3.2.1 to 3.2.4.
3.2.6 If Regulation 3.2.5 is not satisfied under Regulations 3.2.1 to 3.2.4, then the entitlement of two players shall be completed by the qualification of an additional player or players from the IBF ranking list(s) nominated by the Hellenic Badminton Federation.
3.2.7 The player(s) qualifying for the host NOC will be the highest-ranked player(s)/pair in the nominated IBF ranking list(s) of 1 May 2004, or if there is no Greek NOC player/pair in the nominated IBF ranking list, the winning player/pair in that event in the Greek National Championships most recently concluded prior to 1 May 2004.

## Continental representation

3.2.8 In each event there shall be at least one player/pair from each of the five IBF Continental Confederations.
3.2.9 If, for a particular Continental Confederation, there is no player/pair qualified in an event under Regulations 3.2.2 to 3.2.4, the player/pair selected for the continental representation shall be the appropriate highest-ranked player/pair in the IBF ranking list of 1 May 2004.
3.2.10 If there is no Continental Confederation player/pair in the IBF ranking list of 1 May 2004 in a particular event, then the player/pair selected for continental representation shall be the winner(s) of the respective Continental Championships most recently concluded prior to 1 May 2004.

## Tripartite Commission (IOC - Association of NOCs (ANOC) - IBF) invitation places

3.2.11 One place in men's singles and one place in women's singles shall be used by the IOC Tripartite Commission to allocate invitation places, in accordance with the general process of Tripartite Commission invitations.
3.2.12 NOCs must apply for these invitation places prior to the deadline of 30 June 2002. The Tripartite Commission will by 31 August 2002 establish which invitation requests meet the identified general criteria of NOC delegation size and technical standard, and provisionally allocate places to one male and one female player. The final allocation of invitation places will be done on 1 May 2004.
3.2.13 To be eligible to compete in the Athens 2004 Olympic Games, the players filling invitation places must be ranked in the top 100 in the IBF ranking list of 1 May 2004. Should these places not be allocated due to the technical level of the players, they will be added to the places allocated through the IBF ranking list of 1 May 2004.
3.2.14 A player filling an invitation place will be regarded as satisfying the minimum continental representation in that event.

## Qualification period and events

3.2.15 The IBF ranking list of 1 May 2004 will be based on results during the period 1 May 2003 to 30 April 2004.
Participation in any of the following will count towards the IBF ranking list during this period:

- Thomas Cup (all stages)
- Uber Cup (all stages)
- Sudirman Cup
- World Championships
- World Grand Prix tournaments
- World Grand Prix Finals
- Other Open tournaments (with prize money of US $\$ 10,000$ or over)
- International Championships
- Continental Championships (individual and team)
- Any other international event publicised by IBF Council in advance as being included
- With prior IBF approval, individual and team events at other major multi-sport Games

Note: National championships, friendly international matches, junior events and invitational events are not included. Full details of IBF-sanctioned events and their World Ranking gradings are contained in the IBF Calendar of Events, published on the IBF website www.worldbadminton.net.

## 4. QUALIFYING TIMELINE

30 June 2002 NOCs apply for Tripartite Commission invitation places
31 August 2002 Tripartite Commission provisionally allocates one male and one female invitation place
1 May 2003 Start of period for the IBF ranking list of 1 May 2004
30 April 2004 End of period for the IBF ranking list of 1 May 2004
1 May 2004 IBF ranking list used to determine qualification
10 May 2004 IBF notifies Member Associations of qualified players/pairs
31 May 2004 Member Associations / NOCs confirm to IBF their selection of qualified players/pairs
11 June 2004 Reallocation of places where an NOC has not confirmed the entry of a player/pair qualified in the list of 10 May
15 June 2004 IBF notifies Member Associations of further qualified players/pairs
29 June 2004 Reallocation of places where an NOC has not confirmed the entry of a player/pair qualified in the list of 11 June
21 July 2004 Date of final entries for Athens 2004 Olympic Games

## 5. DATES/PROCESS OF CONFIRMATION OF PLACES

5.1 The list of initially qualified players/pairs for each event will be published as part of the World Ranking List by the IBF and notified to the IOC and Member Associations no later than 10 May 2004. Member Associations are responsible for forwarding relevant information to their NOC.
5.2 Member Associations / NOCs have until 31 May 2004 to confirm that they will use the qualification places through the selection of qualified players/pairs.

## 6. REALLOCATION OF UNUSED QUALIFICATION PLACES

## Procedure if a qualified player/pair is not entered

6.1 A further player or pair will be taken from the IBF ranking list if a Member Association or relevant NOC notifies the IBF either that the NOC is not selecting a qualified player/pair or that a player/pair is unable to compete through injury or other unavoidable occurrence. This reallocation of the qualification place shall respect the maximum numbers of places per NOC and the attribution of qualification noted in Regulations 3.2.2 and 3.2.3.
6.2 If an NOC has not confirmed by 11 June 2004 that it will be entering a given player/pair listed in accordance with Regulation 5.1, then the place will be reallocated to another player/pair under Regulation 6.1 in a supplementary list to be published on 15 June 2004. Similarly, if an NOC has not
confirmed by 29 June 2004 that it will be entering a given player/pair from the 15 June 2004 supplementary list, then the place will be reallocated to another player/pair under Regulation 6.1.
6.3 The procedure to be used in Regulation 6.2 will apply up to 21 July 2004.
6.4 If a player/pair cannot compete for a reason stated in Regulation 6.1, the substitute player/pair will be the next ranked player/pair as in Regulations 3.2.2, 3.2.3, and 3.2.4.
6.5 In implementing Regulation 6.4, the player or pair who has withdrawn will not count in any total of players/pairs from the relevant NOC (see attribution of qualification noted in Regulations 3.2.2 and 3.2.3).

## Reallocation of extra places between events

6.6 IBF has discretion in allocating the events to be used for any extra places which arise because a player has qualified (and been selected by the player's NOC) in more than one event.

## 7. SPECIAL CONSIDERATIONS

## Participation in other events

7.1 Players may only participate in events for which they have qualified as in Regulations 3.2.1 to 3.2.14.

## Interpretation

7.2 IBF Council will decide the interpretation of these Regulations in accordance with the Olympic Charter, and such decision shall be final.

## Amendment of Regulations

7.3 IBF Council has authority (Rule 20) to amend these Regulations, in agreement with the IOC.

## OLYMPIC GAMES STATEMENT OF BADMINTON'S REQUIREMENTS

The purpose of this Statement is to act as:

- $\quad$ an aid to bidding cities
- a reference against which the plans of cities hosting the Olympic Games will be measured

The Statement is not exhaustive, in the sense that it does not necessarily include responsibilities and obligations placed on the Organising Committee for the Games by the International Olympic Committee.

The IBF reserves the right to amend the Statement from time to time.

## 1. EVENTS IN THE COMPETITION

The competition in badminton must comprise all the following:

Men’s Singles<br>Women's Singles<br>Men's Doubles<br>Women's Doubles<br>Mixed Doubles

## 2. PERIOD OF COMPETITION

This will vary according to the number of competitors, but must always be at least eight days. In 2004 (with 172 players) the competition will be played over eight days. The schedule assumes three sessions of play each day until the later stages of the competition.

## 3. NUMBER OF COMPETITORS

The number of competitors for 2004 is 172 . The IOC decides the number of competitors.

## 4. TECHNICAL OFFICIALS

Officials fall into the following categories and numbers:

| Technical Delegates | 2 |
| :--- | ---: |
| Referee | 1 |
| Deputy Referees | 3 |
| Umpires | 24 |
| Medical Officers | 2 |
| Match Co-ordinator | 1 |
| Umpire Co-ordinator | 1 |
| Line Judge Co-ordinator | $1 *$ |
| Line Judges | 80 * |

[^0]
## 5. IBF OFFICIALS

5.1 In addition to the President and Chief Operating Officer, members of the IBF Secretariat play a variety of roles at all major events, including the Olympic Games. Those expected to be in attendance are:

## Head of Administration

Director of Marketing \& Development
Director of Events
Communications Officer
Senior Marketing Officer
5.2 In addition to the Communications Officer, the IBF party will include:

## IBF official photographer

IBF official journalist

## 6. ACCREDITATION

It is essential that all IBF staff, including those at 5.2, be given the necessary accreditation to enable them to access all parts of the Competition venue.

## 7. IBF COUNCIL

The IBF Council, comprising the President, Vice Presidents (seven) and Members (17) normally attend the Games. The hotel housing the IBF delegation will require meeting facilities - although not necessarily on the scale required for a Congress.

## 8. COMPETITION VENUE

8.1 Field of Play. The floor of the field of play must measure not less than 46 metres by 30 metres. The uninterrupted height above the floor must be not less than 12 metres. [Note: the field of play is bounded by the first row of seating for spectators or others not involved in management of the competition].
8.2 Flooring. The surface on which carpeting and court mats are placed must be a wooden, sprung floor.
8.3 Court Equipment. Court mats, posts and nets for three competition courts and three warm-up courts must be procured only from sources authorised by the IBF.
8.4 Shuttlecocks. Shuttlecocks must be procured only from sources authorised by the IBF. A secure room must be provided for the storage of 700 dozen shuttlecocks, of at least three speeds (these will vary according to conditions in the Competition Hall).
8.5 Lighting. The positioning and lux requirements of lighting over the field of play may vary according to the nature and structure of the competition hall. Lighting must be situated at least one metre outside, and at least 12 metres above, the court boundaries. There should be no direct glare from lighting into the eyes of players on court. A lighting level of at least 1200 lux is required on the court, when measured holding the light meter in the vertical plane at right angles to intended TV camera shots. Court lighting must be capable of immediate response to the on/off switch. There must be no external sources of light through windows etc. Lighting over spectator areas must be capable of being dimmed during play.
8.6 Background. The walls, 'A' boards and other interior surrounds (including seating) to the field of play must be of a dark colour. Light colours - white or yellow, for example - must not be used. [Note: according to lighting placements and the height of the ceiling above the lighting, it may also be inappropriate for the ceiling to be of a light colour]. Backgrounds of any "look" 'A' boards must be of at most two colours and must meet with IBF approval.
8.7 Air movement. The field of play must be free of draughts or other air movement. Where airconditioning is normally used, special attention must be paid to its effects. Double-door (air-lock) entry/exit points must be provided.
8.8 Seating. A minimum of 5,000 seats is required. This number includes Olympic Family requirements. At venues in parts of Asia and Europe a greater seating capacity than 5,000 will almost certainly be required.
8.9 Warm-up area. This must be close to the competition hall and accessible under cover. Space for three courts is required. An uninterrupted height above the courts of at least 10 metres must be provided. The requirements of $8.2,8.3,8.6$ and 8.7 above will apply.
8.10 Coach videoing. Physical provision must be made for team coaches to video matches involving their players, as is generally allowed at all IBF events. These videos are for private use and analysis only, and users can, if desired, be required to sign appropriate commitments as to use of the tapes.

## 9. TELEVISION and INTERNET COVERAGE

9.1 Television coverage must be provided for at least the central court throughout all sessions of the competition.
9.2 "Real-time" scores must be provided to the internet, ie the score point by point in all matches as the points are scored.

## 10. PRACTICE HALL

A hall (or halls) with eight or more courts is required for training before and during the period of competition. Distance from the Athletes' Village is more important than that from the Competition Hall. Although it may not be possible to replicate the exact conditions of the Competition Hall, the uninterrupted height above the courts must be at least 10 metres. The requirements of $8.2,8.3,8.6$ and 8.7 above will apply.

## 11. EQUIPMENT

Basic equipment requirements are:

### 11.1 Field of play:

Wooden, sprung flooring
Carpeting around courts and to edge of field of play
Shuttlecocks (500 dozen)
Court mats (3)
Net Posts (6)
Nets (3)
Net/post measuring sticks (3)
Umpires' chairs (3)
Service Judges’ chairs (3)
Boxes for used shuttles (3)
Mopping brooms and towels (6 of each at any one time)
Vacuum cleaner
Line Judges' chairs (30)
5-minute interval indicators (3)
Electronic specialised scoreboards (6)
Main fixed electronic display board
Large videoscreen visible to the majority of spectators and showing the TV signal
Players' kit boxes (12)
Drinking water dispensers (3)
Equipment to measure and record temperature, humidity and air pressure

### 11.2 Warm-up hall:

Shuttlecocks (included within 500 dozen in 11.1)
Wooden, sprung flooring
Matting/carpeting around courts and to edge of wooden flooring
Court mats (3)
Net posts (6)
Net/post measuring sticks (3)
Nets (3)
Drinking water dispensers (3)
Seats for players and coaches (10 per court)

### 11.3 Practice hall:

Shuttlecocks (200 dozen)
Court mats (8)
Net posts (16)
Net/post measuring sticks (8)
Nets (8)
Seats for players and coaches (80)
Refreshment facilities and drinking water dispensers
[Note: the above numbers in 11.1, 11.2 and 11.3 are the operational requirements; spares must, of course, be available].

### 11.4 Technical (Field of Play):

Work stations with individual phones for:
Referees
Technical Delegates

Match Co-ordinator and assistants
Umpire Co-ordinator
Shuttlecock control
Medical Officers
TV liaison staff
Racket stringing
Court-side areas reserved for:
TV cameras
Press photographers
Mobile phones (7) for:
Technical Delegates
Referees
Chief Operating Officer
Wireless headset for:
Match Co-ordinator
Radios and pagers for:
Referees (4)
IBF Staff (6)
Technical Delegates (2)
Medical Officers (2)
Radio or telephone links:
when on court, from each Umpire and Service Judge to the Referee's desk

## 12. TECHNICAL CONSULTATION

The IBF will require full consultation with the Organising Committee regarding establishment of many technical aspects, but including especially:

Computer database
Computer elements of Match Control
Electronic specialised sport scoreboards
Lighting conditions
Air conditioning

## 13. TOURNAMENT CONDITIONS

The competition will be conducted under IBF Regulations. The IBF will determine the qualification process (subject to IOC approval), the timing and procedure of the draw, and the selection of seeded players. Once agreed by the IOC, the Olympic Qualifying System for the next Olympic Games will appear in the IBF Statutes.
14. SEATING BY CATEGORY

Allocation of seating in the Competition Hall must take particular account - in terms both of numbers and location - of the needs of players and team officials. The number of seats for this purpose should not be less than the total player quota. Team officials, coaches, medical officers and staff must be accredited for access to the players' seating area(s).

## 15. IBF OFFICE REQUIREMENTS

Separate rooms at the competition venue are required for the following Federation personnel:
President
Chief Operating Officer in close proximity
Secretariat
Technical Delegates
Referees adjacent to Field of Play
Communications Officer
16. PLAYERS' FACILITIES

The following are the Federation's basic requirements at the Competition Venue:
Players' lounge
Changing rooms (men)
Changing rooms (women)
Physiotherapy room(s)
Medical Consultation room

## 17. FACILITIES FOR TECHNICAL OFFICIALS

The following are the basic requirements at the Competition Venue:

```
Briefing room (to hold up to 50 people)
Changing room (men)
Changing room (women)
Umpires' lounge (to hold up to 30 people)
Line Judges' lounge (to hold up to 50 people)
Secure lockers/cupboards
```


## 18. PRESS FACILITIES

The Press and Interview Rooms must be as close as possible to the Competition Hall, and any link between the Press Facilities and the Competition Hall must be under cover. Professional interpretation into English is required, with particular requirements in Chinese, Bahasa and Korean.

## OLYMPIC GAMES <br> REGULATIONS FOR THE BADMINTON COMPETITION

## Council is empowered to produce specific regulations for the Olympic Games badminton competition, including, if thought fit, variations to the Competition Regulations.

1. The competition shall be conducted according to the IBF Competition Regulations except where provided otherwise in these regulations.
2. There shall be eight seeds in each of the five events in the Olympic Games badminton competition.
3. The seeds for the 2004 Olympic Games badminton competition shall be determined using the IBF ranking list of 1 May 2004.

## 4. Substitutions

4.1 A player/pair may participate in an event of the Olympic Games badminton Competition only if the player's/pair's entry is made by the closing date for entries as established by the relevant Olympic Games Organising Committee.
4.2 After the closing date for entries but before the draw is made, a player who has entered may be unable to take part through illness, injury, or other unavoidable cause. That player's place in singles or doubles or both can be taken by a player from the same NOC who has already entered another Olympic badminton event, provided the player or resulting pair would have been the next to be invited following the withdrawal.
4.3 No changes or substitutions of any kind can be made to the draw after it has been made.

## 5. Disqualification

5.1 If, for any reason, a player is disqualified before the badminton competition finishes, that player will receive no ranking points for any event entered. Where the disqualified player is part of a doubles pair, that pair will be disqualified and receive no ranking points for the event entered.
5.2 Any beaten player/pair will remain eliminated from the draw and will receive ranking points as loser(s).

## 6. Separation of entries

6.1 Entries from any one NOC shall be drawn as follows:
6.1.1 the first and second ranked entries by lot in opposite halves of the draw;
6.1.2 the third ranked entry by lot in one of the two remaining quarters;
6.1.3 the ranking of entries from a NOC can be amended by the seeding. If this is done a new ranking order is implicitly established and should be used for the purposes of Regulation 6.1.

## GENERAL COMPETITION REGULATIONS

## 1. PURPOSE AND APPLICABILITY OF THE REGULATIONS

1.1 With these Regulations the IBF in accordance with its Rules:
1.1.1 controls the game, from an international aspect, in all countries; and
1.1.2 makes Regulations for all international competition.
1.2 These Regulations apply to all categories of event that are defined in Regulations 2.2 to 2.14.
1.3 The provisions of Regulations 11 to 29 are recommended, but not mandatory, for the categories of event defined in Regulations 2.15 and 2.16
2. TOURNAMENT DEFINITIONS
2.1 The IBF recognises the categories of tournaments, international matches and other events defined in Regulations 2.2 to 2.16 .

### 2.2 Thomas Cup

The men's world team championships.
2.3 Uber Cup

The women's world team championships.

### 2.4 Sudirman Cup

The world team championships.
2.5 World Grand Prix

The World Grand Prix series of tournaments and the World Grand Prix Finals, when held.
2.6 International Open Tournaments and International Junior Open Tournaments

Any tournament under the control of the Member Association of the country in which it is held, which players of any Member Association may enter, and in which the total prize fund is US $\$ 10,000$ or more or in which the largest individual prize is US \$1,500 or more.
2.7 International Tournaments and International Junior Tournaments

Any tournament as in Regulation 2.6, but in which the total prize fund is less than US $\$ 10,000$ and in which the largest individual prize is less than US \$1,500.
2.8 Other Championships of an international character

Any tournament bearing the title of an area greater than that of a single country, eg:
World Championships
World Junior Championships
Asian Badminton Confederation Championships
European Championships

### 2.9 Multi-Sport Events

Official international sporting events containing several different sports including badminton, eg:

Olympic Games
Asian Games
Commonwealth Games
2.10 Major Tournaments or Events

Any tournament or event under the jurisdiction of a Member Association accepting entries from a total in the whole tournament of more than three top-ranked players from other Member Associations.
2.10.1 "Top-ranked" shall be defined as "contained in the first 25 places in any of the five IBF ranking lists valid three months before the tournament or event".

### 2.11 Invitation Events

Any tournament or other competitive event (with or without prize money) limited to players invited according to Regulation 10, which involves a total in the whole event of more than three top-ranked players from other Member Associations.

### 2.12 International Seniors' Events

Any event intending by its title or promotion to attract an international entry and limiting entries to players over certain age limits.

### 2.13 Exhibition Events

Any event involving exhibition or demonstration of the game, without competition for title or prize money, which involves more than three top-ranked players invited from other Member Associations or in which any player receives a fee of US $\$ 1,000$ or more.

### 2.14 International Matches

Any fixture between Member Associations.

### 2.15 National Championships

Any tournament of whatever nature (with or without prize money) in which entries are restricted to players being citizens of, or resident in, the country concerned according to regulations adopted by the Member Association in question.

### 2.16 Other Tournaments or Events

Any tournament not falling into one of the categories defined in Regulations 2.2 to 2.15.

## 3. SANCTION

3.1 For all tournaments and events defined above in Regulations 2.2 to 2.13, the Member Association must apply for and receive the sanction of Council.
3.2 Council has power to refuse sanction of a proposed tournament or event. If sanction is refused, the reason shall be stated to the Member Association applying.
3.3 The use of the title "Grand Prix" in connection with one or more tournaments, as well as individual tournament names, shall be subject to Council approval. Such tournaments shall then be organised in accordance with the Regulations for the World Grand Prix.
3.4 The use of the title "World" in connection with a badminton tournament shall be subject to Council approval.
3.5 A calendar for the next two years shall be published quarterly, and shall contain the names and dates of all IBF-sanctioned events. These allocated dates may only be changed or cancelled between eight and 14 months in advance, as follows:
3.5.1 by 31 December in each year for the period 1 September to the end of February in the following year; and
3.5.2 by 30 June in each year for the period 1 March to 31 August in the following year.
3.5.3 Where a change of date is requested, Council has power to vary the required notice set out above where circumstances so warrant. Council can only exercise this power following full consultation with each Member Association directly concerned.
3.6 Application for sanction for new events with less than the required notice in Regulation 3.5 will not be considered except in special circumstances.

### 3.7 Sanction fees

3.7.1 All International Open Championships and other international events (as defined in Regulations 2.6, 2.8, 2.10, 2.11 or 2.13) offering prize money above the limits set out in Regulation 2.6, shall pay a sanction fee to the IBF at the rate of 10 per cent of the total prize fund. Such fee shall be a charge on the tournament and not on the prize fund and shall be paid such that an amount equal to 10 per cent of the total prize fund is received by the IBF within three weeks of the end of the tournament.
3.7.2 Council may approach Member Associations and make any additional financial arrangements as it may from time to time decide.

## 3.8 <br> Confirmation of prize money, withdrawal of sanction, and penalty fees

3.8.1 For all International Open Championships and other international events (as defined in Regulation $2.6,2.8,2.10,2.11$ or 2.13 ), offering prize money as in Regulation 2.6, IBF shall, at least nine months before the date of the event, seek confirmation of the total prize money.
3.8.2 If no confirmation of the prize money is received from the organiser by eight months before the event, IBF shall decide the total prize money that will be used to determine any fee due for cancellation, postponement, or reduction in prize money, and shall forthwith advise the organiser of this decision.
3.8.3 Where IBF has had to decide the total prize money as in Regulation 3.8.2, the organiser shall, no later than 90 days before the date of the event, confirm to the IBF that the event is to take place, failing which IBF shall withdraw sanction. The Chief Operating Officer has discretion to defer withdrawal of sanction, but to a date not later than 60 days before the event.

### 3.9 Fees for postponement, cancellation or changed prize money

3.9.1 If, fewer than 60 days before the date of the event, a World Grand Prix tournament is cancelled, postponed or the prize money as in Regulation 3.8 is reduced, the organiser shall pay IBF a fee on the following basis:

- $50 \%$ of the total prize money if the tournament drops two or more star-ratings, or becomes an international event
$-25 \%$ of the total prize money if the tournament drops one star-rating.
3.9.2 If, fewer than 60 days before the date of the event, an International Open Championship other than a World Grand Prix tournament is cancelled, postponed or the prize money as in Regulation 3.8 is reduced, the organiser shall pay IBF a fee of $40 \%$ of the total prize money.
3.9.3 Where, however, Council is satisfied that the tournament cancellation or postponement was outside the control of the organisers due to force majeure (eg civil disturbance, natural disaster), these fees may be waived.
3.10 The IBF can have no jurisdiction in connection with any playing event promoted directly or indirectly by unaffiliated organisations.


### 3.11 Unsanctioned events

3.11.1 Member Associations shall allow players under their jurisdiction to compete only in events sanctioned by the IBF or one of its members.
3.11.2 Council has power to vary the requirement of Regulation 3.11.1, provided an application giving reasons is made at least two months in advance.
3.11.3 Notwithstanding Regulation 3.11.1, players under the jurisdiction of a Member Association may promote the game by giving a demonstration under the auspices of an organisation not under the jurisdiction of another Member Association. This demonstration may be amongst themselves or with local players, provided the title and form of competition, and the prizes and/or expenses have been approved by the IBF.

## 4. RIGHTS

4.1 For any tournament or event sanctioned under Competition Regulation 3, the term "IBF-sanctioned tournament rights" shall mean all commercial, television, internet, webcasting, audio, film and other rights of like nature at all venues, and other rights associated primarily with the event.
4.2 It is a condition of sanction that ownership of IBF-sanctioned tournament rights shall be determined in accordance with IBF statutes.
4.3 IBF-sanctioned tournament rights shall automatically belong to IBF, unless licences or concessions in respect of such rights are granted by IBF to the promoting Member Association, either by virtue of IBF statutes or in writing.
4.4 IBF always retains the right to publish results and reports from IBF-sanctioned tournaments and events, on the Internet and elsewhere, and to do so at times determined solely by IBF.

### 4.5 Players' images

4.5.1 When a player is entered in an IBF-sanctioned event, the creation of television or audio signals, and the taking of photographs is permitted at all associated venues (including training/practice) without further need to seek the consent of the player or Member Association concerned. Any such television or audio signals can be distributed by the rights owner in any and all territories, and may be used on live or recorded television, Internet, webcasting, radio, film and other media of similar nature. IBF, the promoting Member Association, and any photographer concerned shall have the right to use photographs or any other image of player(s) taken during the event.
4.5.2 If for legal reasons use of a player's image requires the consent of the player concerned, the Member Association must ensure that such consent is obtained before entering the player. The user of photographs or other such images of player(s) assumes sole legal liability for such use.
4.6 IBF currently grants ownership of IBF-sanctioned tournament rights at all tournaments defined in Regulations 2.6, 2.7 and 2.10 to 2.16 to the promoting Member Association. In formulating contracts, Member Associations are advised that this concession of rights is subject to change with reasonable notice.
4.7 Ownership of IBF-sanctioned tournament rights at tournaments defined in Regulations 2.2 to 2.5, and World Junior Championships and World Junior Team Championships shall be determined by the IBF statutes associated with each tournament.
4.8 Ownership of IBF-sanctioned tournament rights at other Championships of an international character as defined in Regulation 2.8 (such as Continental Championships) shall belong to the promoting organisation.
4.9 Ownership of IBF-sanctioned tournament rights at tournaments defined in Regulation 2.9 shall belong to the promoting organisation.

## 5. ENTRIES AND CONTROL OF ENTRIES

5.1 Without special consent of Council, no Member Association shall, for any tournament directly or indirectly promoted by it, accept entries from or on behalf of any players who:
5.1.1 are not under the jurisdiction of a Member Association of the Federation; or
5.1.2 have been declared not in good standing with that Member Association.
5.2 Any member of IBF wishing to organise any tournament or other competitive event, which is intended to include players other than those qualified as in Regulation 5.1, shall apply for the special permission of Council.
5.3 Players must be permitted to enter all events for which they are qualified and no restriction in this respect shall be permitted. In the event of a Member Association making entries on behalf of its players, it shall list such entries in order of playing strength.
5.4 For all events requiring IBF sanction, an entry of a player/pair can be accepted only when it is either made directly by the Member Association of which the player/pair is a member or accompanied by written authorisation from the Member Association of which the player/pair is a member. It is the responsibility of the organiser to acknowledge receipt of entries of player/pairs and any subsequent amendment prior to the closing date. It is the responsibility of the Member Association to ensure that confirmation of acceptance is received. (Regulations 14 and 15 deal with alterations to the draw).
5.5 No player/pair shall enter or be entered in two IBF-sanctioned competitions if the published dates of the competitions overlap.
5.6 In making or authorising entries, the Member Association concerned is reconfirming its acceptance, and acceptance by the players being entered, of the Federation's Rules, Competition Regulations and Disciplinary processes.
5.7 For any competitive event sanctioned by the IBF, a player shall not have his/her entry refused for reasons of race, religion or politics. Refusal of entries for any reason other than that there are too many entries to be accommodated (Regulations 13.1 and 13.7) requires the specific written permission of the IBF.
5.8 The IBF may impose conditions on entries made by a Member Association whose players repeatedly enter a tournament and do not play.

## 6. TOURNAMENT AGE LIMITS

6.1 It is recommended that for junior tournaments, all players should remain under 19 years of age throughout the calendar year in which the event is held.
6.2 It is recommended that senior age groups should commence at 35 years of age. Further groups should be considered at five-year intervals. Groups would therefore be 35 and over, 40 and over, 45 and over, etc. In any seniors' competitions, players are eligible provided they are 35, 40, 45, etc years of age or more throughout the calendar year in which the competition is held.

## 7. MEMBER ASSOCIATIONS' RESPONSIBILITIES FOR TOURNAMENTS AND PLAYERS

7.1 Each Member Association shall be responsible for the conduct of all tournaments held under its jurisdiction and in particular for ensuring compliance by the organisers with all the relevant Competition Regulations in IBF-sanctioned events.
7.2 Each Member Association shall be responsible for the control and management of all players under its jurisdiction.
7.2.1 To be eligible to enter and compete in tournaments, all players must be in good standing with their Member Association. A Member Association may declare a player under its jurisdiction to be ineligible to compete, but the reasons for such declaration and the period of ineligibility must be reported to the IBF.
7.2.2 Member Associations shall have full responsibility for any support (financial or otherwise) received by players under their jurisdiction for the purposes of preparation and competition.
7.2.3 Member Associations shall accept and deal with all prizes paid in cash under Regulations 27.1 and 27.2.
7.2.4 Member Associations shall also supervise or administer any sponsorship, contractual or other arrangements entered into, or involving, players under their jurisdiction.
7.2.5 Member Associations shall ensure that players adhere to the Players' Code of Conduct [Appendix 4].

## 8. INTERNATIONAL REPRESENTATION*

8.1 Representing a Member Association is defined as accepting a nomination to be a member of that Association's team in any badminton event where the competition is between teams. However, playing

* See Appendix 1, page 124, for explanatory chart
as an individual in a tournament does not count as representation, unless the event has been specifically nominated by the IBF (Regulation 8.1.2).
8.1.1 Competition between teams includes, but is not limited to, the Thomas, Uber and Sudirman Cups, Continental team championships, the Asian Games team championships, the Commonwealth Games team championships, and other international matches or competitions involving two or more Member Associations' teams.
8.1.2 Currently, the IBF has also specified that the World Championships (see World Championships Regulation 8.2), the World Senior Championships and the individual events at the Olympic Games, the Asian Games, the Commonwealth Games, and Continental Championships shall count as international representation. Where players in a doubles pair are from different Member Associations it shall count as international representation for each player.
8.2 A player shall be qualified to represent a Member Association providing the player is in good standing with that Member Association and satisfies Regulations 8.2.1 and either 8.2.2 or 8.2.3:
8.2.1 holds a passport of a country whose territory the Member Association has jurisdiction over;
8.2.2 has not represented any other Member Association for three years immediately preceding the date of the fixture;
8.2.3 last represented that Member Association;
8.3 A player shall be deemed to have represented a Member Association if he or she shall have been officially nominated to represent that Member Association and shall have accepted such nomination.
8.4 If a player has represented a Member Association and such Member Association is subsequently divided into two or more Member Associations or is absorbed by another Member Association, either politically or by recognition of the IBF, such player shall, for the purposes of these Regulations, be deemed from the date of such alteration not to have represented any Member Association.
8.5 Notwithstanding the foregoing Regulations, in the case of any officially-recognised competitive multisport event in which badminton is included, the qualifications for the representation of a Member Association shall be in full accordance with the conditions laid down by such a multi-sport international event, provided however that the above Regulations 8.2 to 8.4 are also not contravened.


## 9. JURISDICTION

9.1 A player comes under the jurisdiction of all Member Associations to which the player is directly or indirectly affiliated.

### 9.2 Duration

9.2.1 A player comes under continued jurisdiction of a Member Association for a period of three months after ceasing to reside in the country of that Member Association, unless the player explicitly renounces this jurisdiction.
9.2.2 After the three-month period, jurisdiction shall lapse unless the player implicitly (eg by participation in the Member Association's activities) continues to accept that jurisdiction, or explicitly declares a wish to accept that jurisdiction.
9.2.3 A player who represents a Member Association (see Regulation 8.3) automatically comes under the jurisdiction of that Member Association for three months thereafter (as in Regulation 9.2.1).
9.3 Where a sanction is imposed that affects a player's participation beyond the jurisdiction of the Member Association concerned, then such sanction shall be notified immediately to the IBF, who shall notify all Member Associations of such sanction.
9.4 Where sanctions affect a player who comes under the jurisdiction of more than one Member Association, IBF shall have power to receive representations and to amend such sanctions, if felt necessary.

## 10. INVITATIONS

10.1 For the purpose of this Regulation on invitations, a player's Member Association shall be that under whose jurisdiction he or she shall have been an active playing member for the three months immediately preceding the date of the invitation. This will normally be in the country in which he or she is resident. This definition is quite irrespective of the player's qualifications for representing a Member Association (Regulation 8).
10.2 Any tournament or exhibition event in which it is desired to invite the participation of players from another Member Association shall be subject to the following regulations.
10.2.1 Any invitation to players of another Member Association shall be sent by the promoting Member Association (or by another subsidiary body with the approval of the Member Association concerned) in the first instance to the Member Association of the player to be invited. A copy of such invitation shall also be sent to any different Member Association for which the player has a qualification for international play.
10.2.2 No player shall participate in a tournament or exhibition event which is promoted or organised by an individual or company (or other organisation) unless a sanction for the event has been obtained from the Member Association concerned or from the Federation.

## 11. PAYMENTS TO PLAYERS

11.1 Under no circumstances may a player be offered or paid money or goods to play in other than an exhibition event (as defined in Regulation 2.13). Reasonable travel and subsistence expenses that are actually incurred are however allowable.
11.2 No promoter shall offer, and no player accept, a fee and/or goods totalling more than US \$3,000 in value for playing an exhibition event.

## 12. THE DRAW

12.1 The draw for all knock-out events shall be made in the manner set out below and no dummy entry is permitted.
12.2 In all International Open events and multi-sport events requiring sanction by the IBF, the seeding of the draw shall be done by the IBF. To accomplish this, all entries shall be forwarded by the organising committee to the IBF Secretariat.
12.3 The draw shall be done not more than 10 days and not less than 24 hours before the first scheduled match. It is recommended that the draw be done as near as practicable to the end of the period specified. The draw must be published as soon as possible after it is done, but in all cases not less than 24 hours before the first scheduled match. The qualifying rounds, if any, count as part of the tournament for these purposes.
12.4 The draw shall be conducted as follows.
12.4.1 When the number of playing units is $4,8,16,32,64,128$ or any higher power of 2 , they shall meet in pairs in the order drawn, as in Diagram 1 for eight playing units.
12.4.2 When the number of playing units is not a power of 2 , there shall be byes in the first round. The number of byes shall be equal to the difference between the next higher power of 2 and the number of playing units, (eg with 17 playing units, there are $32-17=15$ byes).
12.4.3 The byes shall be placed as in Tables 1 to 5 and Diagram 2.

## DIAGRAM 1

1st round

12.5 The seeding of the draw at all IBF-sanctioned events shall be done using the most recently-published World Ranking. In each event, the entry which is ranked highest shall be seeded number 1 , and the next highest number 2, and so on until all seeds required by Regulation 12.7 are decided.
12.6 Before implementing Regulation 12.5 in doubles events in which the IBF does the seeding, the World Ranking of each pair who did not compete together for the 12 months preceding the ranking period shall be modified for seeding purposes when Regulation 12.6.1 or 12.6.2 applies.
12.6.1 If a pair has no World Ranking, a notional ranking is calculated for the pair. An average (the "notional" average) is taken of the best average points scored by each of the two players with other partners. This notional average is converted into the total notional points for the pair by multiplying by 10 and taking $80 \%$. The notional points are used to determine a notional ranking.
12.6.2 If the two players have a World Ranking as a pair but have competed in fewer than eight events in the 12 month period, a notional ranking is produced by taking the pair's World Ranking points and adjusting as follows:

| Number of <br> tournaments <br> played in | Adjust by <br> multiplying <br> by: |
| :---: | :---: |
| 2 | $10 / 5$ |
| 3 | ${ }^{10} / 5$ |
| 4 | $10 / 5$ |
| 5 | $10 / 5$ |
| 6 | $10 / 6$ |
| 7 | $10 / 7$ |

12.6.3 The resulting notional ranking is used to determine the seeding position.
12.6.4 A pair may have a seeding from one to four on the basis of any World Ranking, but a seeding no higher than five based on any notional ranking.
12.7 To seek even strength throughout the draw and to avoid players from one Member Association meeting in the early rounds, the draw may be seeded or arranged subject to the following restrictions:
12.7.1 A maximum of 16 seeds if there are 64 or more entries;
a maximum of eight seeds if there are 32 to 63 entries;
a maximum of four seeds if there are 16 to 31 entries; or
two seeds if there are less than 16 entries.
12.7.2 The seeded entries shall be selected as the best in the event at that time.
12.7.3 Seeded entries shall be placed as detailed in the example draw in Diagram 2. Seeded entries in the top half of the draw are placed at the top half of their sections (eg eighths or sixteenths), and in the bottom half of the draw at the bottom of their sections.
12.8 The top two seeded entries shall be dealt with as follows:
12.8.1 number 1 placed at the top of the draw; and
12.8.2 number 2 placed at the bottom of the draw.

Placing of byes and seeds in a draw
Table 1 (for 8 to 16 entries) On a draw sheet numbered 1 to 16.
Table 1 (for 8 to 16 entries) On a draw sheet numbered 1 to 16.

| Entries | No of <br> seeds | Seed 1 | Seed 2 | Seeds <br> $\mathbf{3 / 4}$ | No of <br> byes | Placement of byes |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 9 | 2 | 1 | 16 | - | 7 | $2,4,6,8$, | 11,13, | 15 |
| 10 | 2 | 1 | 16 | - | 6 | $2,4,6$, | 11,13, | 15 |
| 11 | 2 | 1 | 16 | - | 5 | $2,4,6$, | 11, | 15 |
| 12 | 2 | 1 | 16 | - | 4 | 2,6, | 11, | 15 |
| 13 | 2 | 1 | 16 | - | 3 | $2, \quad 6$, | 15 |  |
| 14 | 2 | 1 | 16 | - | 2 | 2, | 15 |  |
| 15 | 2 | 1 | 16 | - | 1 | 2 |  |  |
| 16 | 4 | 1 | 16 | 5,12 | 0 | - |  |  |

$\qquad$

| Entries | No of seeds | Seed 1 | Seed 2 | $\begin{array}{\|l} \text { Seeds } \\ 3 / 4 \\ \hline \end{array}$ | Seeds 5/8 | No of byes | Placement of byes |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 | 4 | 1 | 32 | 9, 24 | - | 15 | 2, 4, 6, 8, 10, 12, 14, 16, | 19, 21, 23, 25, 27, 29, 31 |  |
| 18 | 4 | 1 | 32 | 9,24 | - | 14 | 2, 4, 6, 8, 10, 12, 14, | 19, 21, 23, 25, 27, 29, 31 |  |
| 19 | 4 | 1 | 32 | 9,24 | - | 13 | 2, 4, 6, 8, 10, 12, 14, | 19, 21, 23, | 27, 29, 31 |
| 20 | 4 | 1 | 32 | 9,24 | - | 12 | 2, 4, 6, 10, 12, 14, | 19, 21, 23, | 27, 29, 31 |
| 21 | 4 | 1 | 32 | 9,24 | - | 11 | 2, 4, 6, 10, 12, 14, | 19, 23, | 27, 29, 31 |
| 22 | 4 | 1 | 32 | 9,24 | - | 10 | 2, 4, 6, 10, 14, | 19, 23, | 27, 29, 31 |
| 23 | 4 | 1 | 32 | 9,24 | - | 9 | 2, 4, 6, 10, 14, | 19, 23, | 27, 31 |
| 24 | 4 | 1 | 32 | 9,24 | - | 8 | $2,6,10,14$, | 19, 23, | 27, 31 |
| 25 | 4 | 1 | 32 | 9,24 | - | 7 | 2, 6, 10, 14, | 23, 27, 31 |  |
| 26 | 4 | 1 | 32 | 9,24 | - | 6 | 2, 6, 10, | 23, 27, 31 |  |
| 27 | 4 | 1 | 32 | 9,24 | - | 5 | 2, 6, 10, | 23, | 31 |
| 28 | 4 | 1 | 32 | 9,24 | - | 4 | 2, 10, | 23, | 31 |
| 29 | 4 | 1 | 32 | 9,24 | - | 3 | 2, 10, |  | 31 |
| 30 | 4 | 1 | 32 | 9,24 | - | 2 | 2, |  | 31 |
| 31 | 4 | 1 | 32 | 9,24 | - | 1 | 2 |  |  |
| 32 | 8 | 1 | 32 | 9, 24 | 5, 13, 20, 28 | 0 | - |  |  |

Table 3 (for 33 to 64 entries) On a draw sheet numbered 1 to 64.

| Entries | No of seeds | $\begin{aligned} & \hline \text { Seed } \\ & 1 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Seed } \\ & 2 \end{aligned}$ | Seeds $3 / 4$ | Seeds <br> 5/8 | No of byes |  | Placem | nt of byes |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 33 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 31 | 2, 4, 6, 8, 10, 12, 14, 16, | 18, 20, 22, 24, 26, 28, 30, 32, | 35, 37, 39, 41, 43, 45, 47, | 49, 51, 53, 55, 57, 59, 61, 63 |
| 34 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 30 | 2, 4, 6, 8, 10, 12, 14, 16, | 18, 20, 22, 24, 26, 28, 30, | 35, 37, 39, 41, 43, 45, 47, | 49, 51, 53, 55, 57, 59, 61, 63 |
| 35 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 29 | 2, 4, 6, 8, 10, 12, 14, 16, | 18, 20, 22, 24, 26, 28, 30, | 35, 37, 39, 41, 43, 45, 47, | 51, 53, 55, 57, 59, 61, 63 |
| 36 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 28 | 2, 4, 6, 8, 10, 12, 14, | 18, 20, 22, 24, 26, 28, 30, | 35, 37, 39, 41, 43, 45, 47, | 51, 53, 55, 57, 59, 61, 63 |
| 37 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 27 | 2, 4, 6, 8, 10, 12, 14, | 18, 20, 22, 24, 26, 28, 30, | 35, 37, 39, 43, 45, 47, | 51, 53, 55, 57, 59, 61, 63 |
| 38 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 26 | 2, 4, 6, 8, 10, 12, 14, | 18, 20, 22, 26, 28, 30, | 35, 37, 39, 43, 45, 47, | 51, 53, 55, 57, 59, 61, 63 |
| 39 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 25 | 2, 4, 6, 8, 10, 12, 14, | 18, 20, 22, 26, 28, 30, | 35, 37, 39, 43, 45, 47, | 51, 53, 55, 59, 61, 63 |
| 40 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 24 | 2, 4, 6, 10, 12, 14, | 18, 20, 22, 26, 28, 30, | 35, 37, 39, 43, 45, 47, | 51, 53, 55, 59, 61, 63 |
| 41 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 23 | 2, 4, 6, 10, 12, 14, | 18, 20, 22, 26, 28, 30, | 37, 39, 43, 45, 47, | 51, 53, 55, 59, 61, 63 |
| 42 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 22 | 2, 4, 6, 10, 12, 14, | 18, 20, 22, 26, 28, | 37, 39, 43, 45, 47, | 51, 53, 55, 59, 61, 63 |
| 43 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 21 | 2, 4, 6, 10, 12, 14, | 18, 20, 22, 26, 28, | 37, 39, 43, 45, 47, | 53, 55, 59, 61, 63 |
| 44 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 20 | 2, 4, 6, 10, 12, | 18, 20, 22, 26, 28, | 37, 39, 43, 45, 47, | 53, 55, 59, 61, 63 |
| 45 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 19 | 2, 4, 6, 10, 12, | 18, 20, 22, 26, 28, | 37, 39, 45, 47, | 53, 55, 59, 61, 63 |

Table 3 (continued)

| Entries | No of seeds | Seed <br> 1 | $\begin{aligned} & \hline \text { Seed } \\ & 2 \\ & \hline \end{aligned}$ | Seeds $3 / 4$ | Seeds <br> 5/8 | No of byes |  |  |  |  | f byes |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 18 | 2, 4, 6, | 10, 12, | 18, 20, | 26, 28, | 37, 39, | 45, 47, | 53, 55, | 59, 61, 63 |
| 47 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 17 | 2, 4, 6, | 10, 12, | 18, 20, | 26, 28, | 37, 39, | 45, 47, | 53, 55, | 61, 63 |
| 48 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 16 | 2, 4, | 10, 12, | 18, 20, | 26, 28, | 37, 39, | 45, 47, | 53, 55, | 61, 63 |
| 49 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 15 | 2, 4, | 10, 12, | 18, 20, | 26, 28, | 39, | 45, 47, | 53, 55, | 61, 63 |
| 50 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 14 | 2, 4, | 10, 12, | 18, 20, | 26, | 39, | 45, 47, | 53, 55, | 61, 63 |
| 51 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 13 | 2, 4, | 10, 12, | 18, 20, | 26, | 39, | 45, 47, | 55, | 61, 63 |
| 52 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 12 | 2, 4, | 10, | 18, 20, | 26, | 39, | 45, 47, | 55, | 61, 63 |
| 53 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 11 | 2, 4, | 10, | 18, 20, | 26, | 39, | 47, | 55, | 61, 63 |
| 54 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 10 | 2, 4, | 10, | 18, | 26, | 39, | 47, | 55, | 61, 63 |
| 55 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 9 | 2, 4, | 10, | 18, | 26, | 39, | 47, | 55, | 63 |
| 56 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 8 | 2, | 10, | 18, | 26, | 39, | 47, | 55, | 63 |
| 57 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 7 | 2, | 10, | 18, | 26, |  | 47, | 55, | 63 |
| 58 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 6 | 2, | 10, | 18, |  |  | 47, | 55, | 63 |
| 59 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 5 | 2, | 10, | 18, |  |  | 47, |  | 63 |
| 60 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 4 | 2, |  | 18, |  |  | 47, |  | 63 |
| 61 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 3 | 2, |  | 18, |  |  |  |  | 63 |
| 62 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 2 | 2, |  |  |  |  |  |  | 63 |
| 63 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 1 | 2 |  |  |  |  |  |  |  |
| 64 | 8 | 1 | 64 | 17, 48 | 9, 25, 40, 56 | 0 | - | (seeds 9/16 : 5, 13, 21, 29, 36, 44, 52, 60) |  |  |  |  |  |  |

Table 4 ( Seeds for 65 to 128 entries) On a draw sheet numbered 1 to 128.

| $\begin{array}{l}\text { Ent- } \\ \text { ries }\end{array}$ |  |  |  |  |  | $\begin{array}{l}\text { No of } \\ \text { seeds }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 65 | 16 | 1 | $\begin{array}{l}\text { Seed } \\ \mathbf{1}\end{array}$ | $\begin{array}{l}\text { Seed } \\ \mathbf{2}\end{array}$ | $\begin{array}{l}\text { Seeds } \\ \mathbf{3 / 4}\end{array}$ | $\begin{array}{l}\text { Seeds } \\ \mathbf{5 / 8}\end{array}$ | \(\left.\begin{array}{l}Seeds <br>

\mathbf{9 / 1 6}\end{array}\right]\)

| Table 4 ( continued) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ent- <br> ries | No of seeds | $\begin{aligned} & \text { Seed } \\ & 1 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Seed } \\ & 2 \\ & \hline \end{aligned}$ | Seeds $3 / 4$ | $\begin{aligned} & \text { Seeds } \\ & 5 / 8 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Seeds } \\ & 9 / 16 \\ & \hline \end{aligned}$ |
| 78 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 79 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 80 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 81 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 82 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 83 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 84 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 85 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 86 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 87 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 88 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 89 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 90 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 91 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 92 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 93 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 94 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 95 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 96 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 97 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 98 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 99 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 100 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 101 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 102 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 103 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 104 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 105 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 106 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 107 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 108 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 109 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 110 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 111 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |
| 112 | 16 | 1 | 128 | 33, 96 | 17, 49, 80, 112 | 9, 25, 41, 57, 72, 88, 104, 120 |


| Table 4 (continued) |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Ent- <br> ries | No of <br> seeds | Seed <br> $\mathbf{1}$ | Seed <br> $\mathbf{2}$ | Seeds <br> $\mathbf{3 / 4}$ | Seeds <br> $\mathbf{5 / 8}$ | Seeds <br> $\mathbf{9 / 1 6}$ |
| 113 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 114 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 115 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 116 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 117 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 118 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 119 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 120 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 121 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 122 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 123 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 124 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 125 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 126 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 127 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |
| 128 | 16 | 1 | 128 | 33,96 | $17,49,80,112$ | $9,25,41,57,72,88,104,120$ |

Table 5 (Byes for 65 to 128 entries) On a draw sheet numbered 1 to 128.
Ent- No of
Placement of byes

| 65 | 63 | $\begin{array}{r} 2,4,6,8, \\ 10,12,14,16 \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30,32, \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46,48, \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62,64, \end{aligned}$ | $\begin{array}{r} 67,69,71, \\ 73,75,77,79, \end{array}$ | $\begin{aligned} & 81,83,85,87, \\ & 89,91,93,95, \end{aligned}$ | $\begin{array}{r} \hline 97, \\ 105,107,101,103, \\ \hline \end{array}$ | $\begin{aligned} & \text { 113, 115, 117, 119, } \\ & 121,123,125,127 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 66 | 62 | $\begin{array}{r} 2,4,6,8, \\ 10,12,14,16, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30,32, \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46,48, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 67,69,71, \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{aligned} & 81,83,85,87, \\ & 89,91,93,95, \\ & \hline \end{aligned}$ | $\begin{gathered} 97,99,101,103, \\ 105,107,109,111, \\ \hline \end{gathered}$ | $\begin{aligned} & \text { 113, 115, 117, 119, } \\ & 121,123,125,127 \end{aligned}$ |
| 67 | 61 | $\begin{array}{r} 2,4,6,8, \\ 10,12,14,16 \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30,32 \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46,48, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 67,69,71, \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{aligned} & 81,83,85,87, \\ & 89,91,93,95, \\ & \hline \end{aligned}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{aligned} & 113,115,117,119, \\ & 121,123,125,127 \end{aligned}$ |
| 68 | 60 | $\begin{array}{r} 2,4,6,8 \\ 10,12,14,16 \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46,48, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \end{aligned}$ | $\begin{array}{r} 67,69,71, \\ 73,75,77,79, \end{array}$ | $\begin{aligned} & 81,83,85,87, \\ & 89,91,93,95, \end{aligned}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{aligned} & 113,115,117,119, \\ & 121,123,125,127 \end{aligned}$ |
| 69 | 59 | $\begin{array}{r} 2,4,6,8, \\ 10,12,14,16 \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46,48, \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \end{aligned}$ | $\begin{array}{r} 67,69,71, \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \\ \hline \end{array}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{aligned} & \text { 113, 115, 117, 119, } \\ & 121,123,125,127 \end{aligned}$ |
| 70 | 58 | $\begin{array}{r} \hline 2,4,6,8, \\ 10,12,14,16, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \end{aligned}$ | $\begin{array}{r} 67,69,71, \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{array}{r} 99,101,103 \\ 105,107,109,111, \end{array}$ | $\begin{aligned} & 113,115,117,119, \\ & 121,123,125,127 \end{aligned}$ |
| 71 | 57 | $\begin{array}{r} 2,4,6,8 \\ 10,12,14,16 \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \end{aligned}$ | $\begin{array}{r} 67,69,71, \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \\ \hline \end{array}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{array}{r} 115,117,119, \\ 121,123,125,127 \\ \hline \end{array}$ |
| 72 | 56 | $\begin{gathered} 2,4,6,8, \\ 10,12,14, \\ \hline \end{gathered}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \\ & \hline \end{aligned}$ | $\begin{array}{r} 67,69,71 \\ 73,75,77,79, \\ \hline \end{array}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{array}{r} 115,117,119, \\ 121,123,125,127 \end{array}$ |


| Ent- |  | Placement of |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 73 | 55 | $\begin{aligned} & 2,4,6,8, \\ & 10,12,14, \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54,56, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \end{aligned}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \end{array}$ |
| 74 | 54 | $\begin{aligned} & 2,4,6,8, \\ & 10,12,14, \end{aligned}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \end{aligned}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{array}{r} 99,101,103, \\ 105,107,109,111, \end{array}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \end{array}$ |
| 75 | 53 | $\begin{gathered} 2,4,6,8, \\ 10,12,14, \\ \hline \end{gathered}$ | $\begin{aligned} & 18,20,22,24, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{gathered} 99,101,103, \\ 107,109,111, \end{gathered}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \\ \hline \end{array}$ |
| 76 | 52 | $\begin{aligned} & 2,4,6,8, \\ & 10,12,14, \end{aligned}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{array}{r} 83,85,87, \\ 89,91,93,95, \end{array}$ | $\begin{gathered} \text { 99, 101, 103, } \\ 107,109,111, \end{gathered}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \\ \hline \end{array}$ |
| 77 | 51 | $\begin{aligned} & \hline 2,4,6,8, \\ & 10,12,14, \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38,40, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{gathered} 99,101,103, \\ 107,109,111, \end{gathered}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \\ \hline \end{array}$ |
| 78 | 50 | $\begin{aligned} & 2,4,6,8, \\ & 10,12,14, \end{aligned}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{gathered} \text { 99, 101, 103, } \\ 107,109,111, \end{gathered}$ | $\begin{array}{r} 115,117,119 \\ 121,123,125,127 \\ \hline \end{array}$ |
| 79 | 49 | $\begin{aligned} & \hline 2,4,6,8, \\ & 10,12,14, \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{gathered} 99,101,103, \\ 107,109,111, \end{gathered}$ | $\begin{aligned} & 115,117,119, \\ & 123,125,127 \end{aligned}$ |
| 80 | 48 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{aligned} & 67,69,71, \\ & 75,77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{gathered} \text { 99, 101, 103, } \\ 107,109,111, \end{gathered}$ | $\begin{aligned} & 115,117,119 \\ & 123,125,127 \\ & \hline \end{aligned}$ |
| 81 | 47 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60,62, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79 \\ \hline \end{array}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{array}{r} \hline 99,101,103, \\ 107,109,111, \end{array}$ | $\begin{aligned} & 115,117,119, \\ & 123,125,127 \\ & \hline \end{aligned}$ |
| 82 | 46 | $\begin{array}{r} \hline 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79 \\ \hline \end{array}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{array}{r} \hline 99,101,103, \\ 107,109,111, \end{array}$ | $\begin{aligned} & 115,117,119 \\ & 123,125,127 \\ & \hline \end{aligned}$ |
| 83 | 45 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28,30, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79 \\ \hline \end{array}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \\ \hline \end{array}$ | $\begin{aligned} & 115,117,119, \\ & 123,125,127 \\ & \hline \end{aligned}$ |
| 84 | 44 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79 \\ \hline \end{array}$ | $\begin{aligned} & 83,85,87, \\ & 91,93,95, \end{aligned}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \\ \hline \end{array}$ | $\begin{aligned} & 115,117,119 \\ & 123,125,127 \end{aligned}$ |
| 85 | 43 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44,46, \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71 \\ 75,77,79 \\ \hline \end{array}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \end{array}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \\ \hline \end{array}$ | $\begin{aligned} & \text { 115, 117, 119, } \\ & 123,125,127 \end{aligned}$ |
| 86 | 42 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79 \\ \hline \end{array}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \end{array}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \\ \hline \end{array}$ | $\begin{aligned} & 115,117,119 \\ & 123,125,127 \end{aligned}$ |
| 87 | 41 | $\begin{array}{r} 2,4,6, \\ 10,12,14, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71 \\ 75,77,79 \\ \hline \end{array}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \end{array}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \end{array}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \end{array}$ |
| 88 | 40 | $\begin{array}{r} 2,4,6, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \end{aligned}$ | $\begin{array}{r} 69,71, \\ 75,77,79, \\ \hline \end{array}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \end{array}$ | $\begin{array}{r} \hline 101,103, \\ 107,109,111, \end{array}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |
| 89 | 39 | $\begin{array}{r} 2,4,6, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52,54, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & 69,71, \\ & 77,79, \end{aligned}$ | $\begin{array}{r} 85,87 \\ 91,93,95 \\ \hline \end{array}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \end{array}$ | $\begin{array}{r} 117,119, \\ 123,125,127 \\ \hline \end{array}$ |
| 90 | 38 | $\begin{array}{r} \hline 2,4,6, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \end{aligned}$ | $\begin{aligned} & \text { 69, 71, } \\ & 77,79, \end{aligned}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \\ \hline \end{array}$ | $\begin{array}{r} 101,103, \\ 107,109,111, \\ \hline \end{array}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |

Table 5 (continued)

| $\begin{aligned} & \hline \text { Entr } \\ & \text {-ies } \\ & \hline \end{aligned}$ | No of byes | Placement |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 91 | 37 | $\begin{aligned} \hline 2,4,6, \\ 10,12, \\ \hline \end{aligned}$ | $\begin{aligned} & 18,20,22, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 69, 71, } \\ & \text { 77, 79, } \\ & \hline \end{aligned}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \\ \hline \end{array}$ | $\begin{aligned} & 101,103, \\ & 109,111, \\ & \hline \end{aligned}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |
| 92 | 36 | $\begin{array}{r} 2,4,6, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 69,71, \\ & 77,79, \\ & \hline \end{aligned}$ | $\begin{array}{r} 85,87, \\ 91,93,95, \\ \hline \end{array}$ | $\begin{aligned} & \hline 101,103, \\ & 109,111, \\ & \hline \end{aligned}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |
| 93 | 35 | $\begin{aligned} & 2,4,6, \\ & 10,12, \\ & \hline \end{aligned}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36,38, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \end{aligned}$ | $\begin{aligned} & 69,71, \\ & 77,79, \end{aligned}$ | $\begin{aligned} & 85,87, \\ & 93,95, \end{aligned}$ | $\begin{aligned} & 101,103, \\ & 109,111, \end{aligned}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |
| 94 | 34 | $\begin{aligned} \hline 2,4,6, \\ 10,12, \\ \hline \end{aligned}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 69,71, \\ & 77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 85,87, \\ & 93,95, \end{aligned}$ | $\begin{aligned} & 101,103, \\ & 109,111, \end{aligned}$ | $\begin{array}{r} 117,119 \\ 123,125,127 \\ \hline \end{array}$ |
| 95 | 33 | $2,4,6,$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & 69,71, \\ & 77,79, \end{aligned}$ | $\begin{aligned} & 85,87, \\ & 93,95, \end{aligned}$ | $\begin{aligned} & 101,103, \\ & 109,111, \end{aligned}$ | $\begin{aligned} & 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 96 | 32 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 69,71, \\ & 77,79, \\ & \hline \end{aligned}$ | $\begin{aligned} & 85,87, \\ & 93,95, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 101,103, \\ & 109,111, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 97 | 31 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58,60, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{aligned} & 85,87, \\ & 93,95, \\ & \hline \end{aligned}$ | $\begin{aligned} & 101,103, \\ & \text { 109, 111, } \end{aligned}$ | $\begin{aligned} & \hline 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 98 | 30 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{aligned} & 85,87, \\ & 93,95, \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 101, 103, } \\ & \text { 109, 111, } \end{aligned}$ | $\begin{aligned} & 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 99 | 29 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26,28, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{aligned} & 85,87, \\ & 93,95, \end{aligned}$ | $\begin{array}{r} \hline 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{aligned} & \hline 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 100 | 28 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{aligned} & 85,87, \\ & 93,95, \\ & \hline \end{aligned}$ | $\begin{array}{r} 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{aligned} & \hline 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 101 | 27 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42,44, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{array}{r} \hline 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{aligned} & \hline 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 102 | 26 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26, \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42, \end{aligned}$ | $\begin{aligned} & \text { 50, 52, } \\ & 58, \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{array}{r} 87, \\ 93,95, \end{array}$ | $\begin{array}{r} 103, \\ 109,111, \end{array}$ | $\begin{aligned} & 117,119, \\ & 125,127 \\ & \hline \end{aligned}$ |
| 103 | 25 | $\begin{array}{r} 2,4, \\ 10,12, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{array}{r} \hline 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 104 | 24 | $\begin{array}{r} 2,4, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{array}{r} 71, \\ 77,79, \\ \hline \end{array}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{array}{r} 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 105 | 23 | $\begin{gathered} 2,4, \\ 10, \\ \hline \end{gathered}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50,52, \\ & 58, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 71, \\ & 79, \end{aligned}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{array}{r} \hline 103, \\ 109,111, \\ \hline \end{array}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 106 | 22 | $\begin{gathered} 2,4, \\ 10, \end{gathered}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & 71, \\ & 79, \\ & \hline \end{aligned}$ | $\begin{array}{r} 87, \\ 93,95, \end{array}$ | $\begin{array}{r} 103, \\ 109,111, \end{array}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 107 | 21 | $\begin{gathered} 2,4, \\ 10, \\ \hline \end{gathered}$ | $\begin{aligned} & 18,20, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & \hline 71, \\ & 79 \end{aligned}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{aligned} & \hline 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{array}{r} \hline 119, \\ 125,127 \\ \hline \end{array}$ |
| 108 | 20 | $\begin{array}{r} \hline 2,4, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \end{aligned}$ | $\begin{aligned} & \hline 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & 71, \\ & 79, \end{aligned}$ | $\begin{array}{r} 87, \\ 93,95, \\ \hline \end{array}$ | $\begin{aligned} & 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |


| Ent- No of Placement of byes |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 109 | 19 | $\begin{array}{r} 2,4, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \end{aligned}$ | $\begin{aligned} & 34,36, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & \text { 71, } \\ & 79, \end{aligned}$ | $\begin{aligned} & 87, \\ & 95, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 103, \\ & 111, \end{aligned}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 110 | 18 | $\begin{aligned} 2,4, \\ 10, \\ \hline \end{aligned}$ | $\begin{aligned} & 18, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & 71, \\ & 79, \end{aligned}$ | $\begin{aligned} & 87, \\ & 95, \end{aligned}$ | $\begin{aligned} & 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{array}{r} 119, \\ 125,127 \\ \hline \end{array}$ |
| 111 | 17 | $\begin{gathered} \hline 2,4, \\ 10, \end{gathered}$ | $\begin{aligned} & 18, \\ & 26, \end{aligned}$ | $\begin{aligned} & \hline 34, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & \hline 71, \\ & 79 . \end{aligned}$ | $\begin{aligned} & \hline 87, \\ & 95, \end{aligned}$ | $\begin{aligned} & \hline 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 119, \\ & 127 \end{aligned}$ |
| 112 | 16 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34, \\ & 42, \\ & \hline \end{aligned}$ | $\begin{aligned} & 50, \\ & 58, \end{aligned}$ | $\begin{aligned} & 71, \\ & 79, \end{aligned}$ | $\begin{aligned} & 87, \\ & 95, \end{aligned}$ | $\begin{aligned} & 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 113 | 15 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \end{aligned}$ | $\begin{aligned} & \hline 34, \\ & 42, \end{aligned}$ | $\begin{aligned} & \hline 50, \\ & 58, \end{aligned}$ | 79, | $\begin{aligned} & \hline 87, \\ & 95, \end{aligned}$ | $\begin{aligned} & \hline 103, \\ & 111, \end{aligned}$ | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 114 | 14 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & 34, \\ & 42, \\ & \hline \end{aligned}$ | 50, | 79, | $\begin{aligned} & 87, \\ & 95, \end{aligned}$ | $\begin{aligned} & 103, \\ & 111, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 115 | 13 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | $\begin{aligned} & 18, \\ & 26, \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 34, \\ & 42, \\ & \hline \end{aligned}$ | 50, | 79, | $\begin{aligned} & \hline 87, \\ & 95, \end{aligned}$ | 111, | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 116 | 12 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | 18, | $\begin{aligned} & \hline 34, \\ & 42, \\ & \hline \end{aligned}$ | 50, | 79, | $\begin{aligned} & 87, \\ & 95, \\ & \hline \end{aligned}$ | 111, | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 117 | 11 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | 18, | $\begin{aligned} & \hline 34, \\ & 42, \\ & \hline \end{aligned}$ | 50, | 79, | 95, | 111, | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 118 | 10 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | 18, | 34, | 50, | 79, | 95, | 111, | $\begin{aligned} & \hline 119, \\ & 127 \\ & \hline \end{aligned}$ |
| 119 | 9 | $\begin{array}{r} 2, \\ 10, \\ \hline \end{array}$ | 18, | 34, | 50, | 79, | 95, | 111, | 127 |
| 120 | 8 | 2, | 18, | 34, | 50, | 79, | 95, | 111, | 127 |
| 121 | 7 | 2, | 18, | 34, | 50, |  | 95, | 111, | 127 |
| 122 | 6 | 2, | 18, | 34, |  |  | 95, | 111, | 127 |
| 123 | 5 | 2, | 18, | 34, |  |  | 95, |  | 127 |
| 124 | 4 | 2 , |  | 34, |  |  | 95, |  | 127 |
| 125 | 3 | 2, |  | 34, |  |  |  |  | 127 |
| 126 | 2 | 2 , |  |  |  |  |  |  | 127 |
| 127 | 1 | 2 |  |  |  |  |  |  |  |
| 128 | 0 |  |  |  |  |  |  |  |  |

DIAGRAM 2 (1 of 4)
Round of 128
Round of 64


9/16 seed


2
bye 1

3 $\qquad$

4 $\qquad$ bye 5 $\qquad$
9/16 seed

bye 5 $\qquad$ bye 13

6 $\qquad$
5/8 seed $\qquad$ $\square$ bye 5
5/8 seed
5 $\qquad$
$\qquad$ ye 5 bye 29


Round of 16
16 byes use 1 to 16 etc

1 seed $\qquad$
Placing Byes:
Where to place byes:
in case of 1 bye use 1

> 2 byes use 1,2
> 7 byes use 1 to 7 $\square$
_ $\quad 9 / 16$ seed

- bye $9 \quad 1$

bye 17

- $\qquad$
13

$\qquad$ bye 9 $\qquad$正


7

$\qquad$
$\qquad$ 16
bye 13 $\qquad$
$\qquad$
都

## DIAGRAM 2 (2 of 4)



## DIAGRAM 3 (3 of 4)



## DIAGRAM 4 (4 of 4)


12.9 The other seeds shall be dealt with taking regard of the requirements of Regulation 12.10.
12.9.1 Numbers 3 and 4 drawn by lot to the remaining two quarters of the draw.
12.9.2 Numbers 5 to 8 drawn by lot to the remaining eighths of the draw.
12.9.3 Numbers 9 to 16 drawn by lot to the remaining sixteenths of the draw.

### 12.10 Separation of Entries

12.10.1 the first and second ranked entries from any one Member Association shall be drawn by lot in opposite halves of the draw;
12.10.2 the ranking of entries from a Member Association can be amended by the seeding. If this is done a new ranking order is implicitly established and should be used for the purposes of Regulation 12.10.
12.10.3 wherever possible, entries from any one Member Association shall not meet in the first round.

Note: this method of player separation, where it is desired, is recommended for all tournaments conducted at any level of competition.
12.11 For the purposes of Regulation 12.10, a qualifying entry or a pair from two different Member Associations shall be regarded as not coming from any particular Member Association.

## 13. QUALIFYING

## Principle of qualifying

13.1 Where entries exceed the required places in the main competition draw, the organisers are recommended to play qualifying rounds under the supervision of the Referee, as provided for in Regulations 13.2 to 13.8.

## Determination of main or qualifying draw for entries received

13.2 The World Ranking shall be used to determine the players/pairs whose entries can be accepted in the main draw, with the principles of Regulations 12.6.1 and 12.6.2 used to modify the World Ranking regardless of whether or not a pair has competed during the 12 months prior to the ranking period.

## Qualifying draw

13.3 The players or pairs not directly in the main competition shall play for a limited number of places fixed by the organisers and it is recommended that this number not exceed one for each eight places in the main draw.
13.4 The draw for the qualifying competition shall be done in accordance with Regulations 12.1 and 12.4.
13.5 Any seeding in the qualifying draw shall be done in accordance with Regulations 12.5 to 12.9 .
13.6 It is recommended that as far as is practicable, entry separation (as in Regulation 12.10) should be used in each qualifying draw.

## Excess entries in the qualifying

13.7 If more players/pairs enter than the organisers can accept even in the qualifying competition, the World Ranking (as modified using the principles explained in Regulations 12.5 and 12.6) shall be used to determine the players/pairs whose entries can be accepted into the qualifying draw, and which entries are to fill any subsequent vacancies that may arise. When more than one vacancy arises, the relevant places shall be filled by drawing lots.
13.8 Where drawing by lot is done under Regulation 13.7, entry separation (as in Regulation 12.10) shall be ignored.

## 14. QUALIFYING - ALTERATIONS TO THE DRAW AND STOPPING MATCHES IN PROGRESS

14.1 The Referee may re-draw a particular qualifying draw if it has been rendered significantly imbalanced and if play in that draw has not begun.

## Promotion of qualifiers to main draw

14.2 Where players or pairs withdraw their entry from the main competition and are not substituted in accordance with Regulation 15.4 or 15.5 , the Referee may fill the vacancies from the entries in the qualifying rounds, provided these entries have not yet lost a match, even stopping a match in progress if required.
14.3 If a vacancy arises in the main draw, the highest-ranked entry not accepted (as described in Regulation 13.2 ) and which has not yet lost a match can be placed in the vacancy. Where more than one vacancy arises, the relevant places shall be filled by drawing lots.

## 15. MAIN DRAW - ALTERATIONS and SUBSTITUTIONS

15.1 The places allocated for any qualifying players/pairs in the main draw shall be drawn by lot, shall not be placed, and shall not be artificially separated. The main draw shall be made and published before play begins in the qualifying rounds.
15.2 No changes whatsoever may be made to the draw except as provided in Regulations 15.3 to 15.5: in particular, no player (singles) may be moved from one draw position to another, and no pair may be moved from one draw position to another except in the situation described in Regulation 15.5.3.
15.3 The Referee shall only permit an alteration to the draw if either Regulation 15.3 .1 is met, or both Regulations 15.3.2 and 15.3.3 are met:
15.3.1 play in that draw has not begun, and an error has been made in accordance with control of entries (Regulation 5.4) or making the draw (Regulation 12);
15.3.2 prior to the player's first scheduled match, a player is prevented from competing through illness, injury, or other unavoidable hindrance;
15.3.3 the substitute player/pair would have been either unseeded, or seeded in no higher a seeding group than the seeding group of the original player/pair. The seeding groups are (in order) 1 and 2,3 and 4,5 to 8 , and 9 to 16 .
15.4 Subject to Regulation 15.3, substitution in singles is only permitted when the new player is from the same Member Association, and provided the original player does not then participate in any event in the tournament.
15.5 Subject to Regulation 15.3, substitution in doubles is only permitted:
15.5.1 to enable the remaining player to have a substitute partner from any Member Association, provided the constitution of no other pair is affected;
15.5.2 to replace a pair from one Member Association by a new pair from the same Member Association; or
15.5.3 to enable the remaining players from two original pairs affected by Regulation 15.3.2 to partner each other.

In this event, if one of the original pairs has drawn a bye, that place in the draw shall be filled by the new pair; otherwise the place to be filled shall be drawn by lot.
15.6 Substitutions under Regulations 15.3 to 15.5 take priority over changes under Regulations 13.7 and 13.8.
15.7 A player (singles), a player as part of a pair (doubles), or a pair losing a match shall not play again in the same event in the same tournament.
15.8 In events played under the pool system or in groups, the Referee may allow the substitution of a player/pair if the original player/pair is prevented from playing through illness, injury or other unavoidable hindrance. Such substitution can only take place until the first match of that player/pair has started but, once started, no substitution can take place.

## 16. RANKING IN EVENTS PLAYED UNDER THE POOL SYSTEM OR IN GROUPS

16.1 Ranking will be established by the number of matches won.
16.2 If two players/pairs have won the same number of matches, the winner of the match between them will be ranked higher.
16.3 If three or more players/pairs have won the same number of matches, ranking will be established by the difference between total games won and total games lost, with greater difference ranked higher.
16.3.1 If this still leaves two players/pairs equal, the winner of the match between them will be ranked higher.
16.4 If three or more players/pairs have won the same number of matches and are equal in the difference between total games won and total games lost, ranking will be established by the difference between total points won and total points lost, with greater difference ranked higher.
16.4.1 If this still leaves two players/pairs equal, the winner of the match between them will be ranked higher.
16.4.2 If three or more players/pairs are still equal, then ranking will be established by drawing lots.
16.5 If illness, injury or other unavoidable hindrance prevents a player/pair completing all the pool matches, all the results of that player/pair shall be deleted.
16.6 A player/pair is entitled to prizes according to results actually obtained before any withdrawal due to injury.

## 17. ADVERTISING IN THE PLAYING AREA

17.1 The only allowable display of advertising in words or pictures anywhere within the two-metre clear space surrounding the court (see Appendix 2, page 125) or over the court itself must satisfy Regulations 17.2 to 17.10.
17.2 Any form of advertising in the playing area must not distract players, spectators or TV viewers, or cause any confusion with the court lines.

## The Court

17.3 A maximum of two identical emblems of the court supplier can be situated flush with the court surface such that there is at most one outside each baseline 30 centimetres or more away. Each emblem can be 170 centimetres or less by 30 centimetres or less.
17.4 A maximum of two identical emblems of the event sponsor can be situated flush with the court surface such that there is at most one outside each sideline or each baseline 30 centimetres or more away. Each emblem can be 170 centimetres or less by 30 centimetres or less.
17.5 One emblem of the event sponsor can be situated flush with the court surface in the area under the net equidistant from each of the two short service lines and from each of the side lines for singles. The emblem can be 250 centimetres or less by 100 centimetres or less.
17.6 There is no restriction on the shape of the advertisement(s). However, non-slip materials with similar properties to the rest of the playing surface must be used to apply/display advertisements.

## The Net

17.7 A single advertisement can be situated on the net at least 100 centimetres from either end of the net and at least 12.5 centimetres from both the net tape and the bottom of the net. The advertisement must be applied by paint or dye and no solid advertisement will be permitted.
17.8 A maximum of two net supplier's emblems can appear on the net. If present, they should be placed such that there is one on each end of the net on opposite sides of the court. Each emblem must be placed on the white tape at a distance of 4 centimetres from the post and can be 3.5 centimetres high or less and 10 centimetres broad or less.

## The Posts

17.9 Each post can have a maximum of two identical emblems. Each emblem must face an end of the court, be flush with the surface of the post and be 30 centimetres high or less, and 3 centimetres broad or less.

## Umpire's and service judge's chair

17.10 The umpire's and service judge's chairs are always permitted to have advertising. Rackets and players' clothing are permitted to have advertising in accordance with Regulations 19 to 23.

## 18. VIRTUAL IMAGING OR ADVERTISING

Use of any virtual imaging or advertising on the TV signal at IBF-sanctioned events is not permitted without prior written approval of IBF.

## 19. CLOTHING (general)

19.1 For the purpose of these Regulations, an article of clothing shall be defined as anything worn or carried by a player during play, except the racket, and including, but not limited to, pullovers, shirts, shorts, skirts, socks, shoes, headbands, towels, wristbands, bandages and medical supports.
19.2 In order to ensure attractive presentation of badminton at events organised or sanctioned by IBF, all clothing worn by players shall be acceptable badminton sports clothing. It is not acceptable to tape over nor to pin on advertising nor in any other way to modify such clothing to comply with advertising or other regulations.
19.3 Regulations regarding advertising apply only to clothing worn during play.
19.4 The exact regulations regarding advertising must be clearly indicated on the tournament prospectus or entry form and advised to entrants in all associated communications.
19.5 In applying Regulations 19 to 23 the decision of the Referee at each event shall be final.

## 20. COLOUR OF PLAYERS' CLOTHING

20.1 In all sanctioned events, including those organised by the IBF itself and multi-sport events, each article of clothing may be of any colour or combination of colours.

### 20.2 Team events

In all IBF team events ie Thomas Cup, Uber Cup, Sudirman Cup and World Junior Team Championships, players must wear team colours. That is, each player must wear the same colour and design of shirts and shorts (or equivalent articles of clothing).

### 20.3 Singles matches *

Each player must wear, as far as colour and design is concerned, shirts and shorts (or equivalent articles of clothing) in accordance with Regulations 20.3.1 to 20.3.10.
20.3.1 In International events, the colour of clothing is optional.
20.3.2 In Continental Circuit events, the colour of clothing is optional or dependent on the Continental Confederation's regulations.
20.3.3 In Open events, excluding World Grand Prix events, it is recommended that from the quarter finals onwards, the opposing players in each match wear different colours from each other.
20.3.4 In World Grand Prix events, it is recommended that, from the quarter finals onwards, the opposing players in each match wear different colours from each other.
20.3.5 In World Championships, it is recommended that, from the quarter finals onwards, the opposing players in each match wear different colours from each other.

[^1]20.3.6 In World Junior Championships, it is recommended that, from the semi-finals onwards, the opposing players in each match wear different colours from each other.
20.3.7 In Thomas \& Uber Cups, it is recommended that the opposing players in each match wear different colours from each other.
20.3.8 In Sudirman Cup, it is recommended that the opposing players in each match wear different colours from each other.
20.3.9 In World Junior Team Championships, it is recommended that the opposing players in each match wear different colours from each other.
20.3.10 In Olympic Games, it is mandatory for the opposing players in each match wear different colours from each other. Preferred colours of shirts need to be registered before the Games.

### 20.4 Doubles matches

Each player in a given pair must wear, as far as colour and design is concerned, shirts and shorts (or equivalent articles of clothing) in accordance with Regulations 20.4.1 to 20.4.10.
20.4.1 In International events, the colour of clothing is optional.
20.4.2 In Continental Circuit events, the colour of clothing is optional or dependent on the Continental Confederation's regulations.
20.4.3 In Open events, excluding World Grand Prix events, it is recommended that doubles partners wear the same colour, and that from the quarter finals onwards, the opposing pairs in each match wear different colours from each other.
20.4.4 In World Grand Prix events, it is mandatory for doubles partners to wear the same colour from the quarter finals onwards. It is recommended that, from the quarter finals onwards, the opposing pairs in each match wear different colours from each other.
20.4.5 In World Championships, it is mandatory for doubles partners to wear the same colour. It is recommended that, from the quarter finals onwards, the opposing pairs in each match wear different colours from each other.
20.4.6 In World Junior Championships, it is recommended that, from the semi-finals onwards, doubles partners wear the same colour, and that the opposing pairs in each match wear different colours from each other.
20.4.7 In Thomas \& Uber Cups, it is recommended that the opposing pairs in each match wear different colours from each other.
20.4.8 In Sudirman Cup, it is recommended that the opposing pairs in each match wear different colours from each other.
20.4.9 In World Junior Team Championships, it is recommended that the opposing pairs in each match wear different colours from each other.
20.4.10 In Olympic Games, it is mandatory for doubles partners to wear the same colour and that the opposing pairs in each match wear different colours from each other. Preferred colours of shirts need to be registered before the Games.

## 21. DESIGNS ON PLAYERS' CLOTHING

21.1 In all sanctioned events, including those organised by IBF itself and multi-sport events, each article of clothing may only bear a design as provided in Regulations 21.2 to 21.4.
21.2 Abstract designs are permitted when devoid of advertising, commercial or promotional content.
21.3 The front of the shirt may carry the flag or national emblem of the association represented.
21.4 A design is allowed when it forms part of an advert permitted by Regulation 23 and falls wholly within the permitted dimensions.

## 22. LETTERING ON PLAYERS' CLOTHING

22.1 In all sanctioned events, including those organised by IBF itself, and multi-sport events, each article of clothing may only have visible lettering as provided in Regulations 22.2 to 22.5.

### 22.2 Colour, style and height of lettering

22.2.1 Lettering shall be in capital letters in the Roman alphabet, and in one single colour contrasting with that of the shirt.
22.2.2 If there is a pattern on the back of the shirt, the lettering should be on a contrasting panel.
22.2.3 In order that lettering be legible from a distance for spectators in the stadium and television viewers, lettering must be a minimum height of 6 centimetres and a maximum height of 10 centimetres.
22.2.4 Lettering should be horizontal, or as close to horizontal as practically possible, and placed near the top of the shirt.

### 22.3 Player names

Any name of a player on the back of the shirt must be in accordance with Regulations 22.3.1 to 22.3.10, and shall meet all requirements of Regulation 22. If used, the player's name shall include the family name (or an abbreviation thereof) and, if desired, the initials of the given name(s) or nickname and shall correspond with the name on the entry.
22.3.1 In International events, the name of the player on the back of the shirt is optional.
22.3.2 In Continental Circuit events, the name of the player on the back of the shirt is optional or dependent on the Continental Confederation's regulations.
22.3.3 In Open events, excluding World Grand Prix events, the name of the player on the back of the shirt is mandatory.
22.3.4 In World Grand Prix events, the name of the player on the back of the shirt is mandatory.
22.3.5 In World Championships, the name of the player on the back of the shirt is mandatory.
22.3.6 In World Junior Championships, the name of the player on the back of the shirt is optional, but mandatory for the semi-finals and finals.
22.3.7 In Thomas \& Uber Cup continental stage, the name of the player on the back of the shirt is optional, unless otherwise required by the respective Continental Confederation.
In Thomas \& Uber Cups final stage, the name of the player on the back of the shirt is mandatory.
22.3.8 In Sudirman Cup, the name of the player on the back of the shirt is mandatory for Division 1 and optional for the other divisions.
22.3.9 In World Junior Team Championships, the name of the player on the back of the shirt is optional but mandatory for the final.
22.3.10 In Olympic Games, the name of the player on the back of the shirt is mandatory. Players' names need to be registered to ensure consistency with the names on scoreboards.

### 22.4 Association names

The name of the player's association may appear on the back of the shirt and must be in accordance with Regulations 22.4.1 to 22.4.10 but, if used, shall meet all requirements of Regulation 22.
22.4.1 In International events, the name of the player's association on the back of the shirt is optional.
22.4.2 In Continental Circuit events, the name of the player's association on the back of the shirt is optional or dependent on the Continental Confederation's regulations.
22.4.3 In Open events, excluding World Grand Prix events, the name of the player's association on the back of the shirt is optional.
22.4.4 In World Grand Prix events, the name of the player's association on the back of the shirt is optional.
22.4.5 In World Championships, the name of the player's association on the back of the shirt is optional.
22.4.6 In World Junior Championships, the name of the player's association on the back of the shirt is optional.
22.4.7 In Thomas \& Uber Cup continental stage, the name of the player's association on the back of the shirt is optional, unless otherwise required by the respective Continental Confederation.
In Thomas \& Uber Cups final stage, the name of the player’s association on the back of the shirt is mandatory.
22.4.8 In Sudirman Cup, the name of the player's association on the back of the shirt is mandatory for Division 1 and optional for the other divisions.
22.4.9 In World Junior Team Championships, the name of the player's association on the back of the shirt is optional but mandatory for the final.
22.4.10 In Olympic Games, the name of the player's NOC on the back of the shirt is mandatory.

### 22.5 Lettering sequence and use in advertisements

22.5.1 The sequence on the shirt from top to bottom shall be player name (if present), association name (if present), advert (if present).
22.5.2 Lettering is also allowed when it forms part of an advert permitted by Regulation 23, and falls wholly within the permitted dimensions. Such lettering can then be in any alphabet.

The following table summarises the requirements of Regulations 20 \& 22 .

Summary of Competition Regulations 20 and 22: Colour of clothing and names

| Event | Colour and design of players' shirts and shorts in singles matches (as of 1 January 2004) | Colour and design of pairs' shirts and shorts in doubles matches | Player name on back of shirt | Association name on back of shirt |
| :---: | :---: | :---: | :---: | :---: |
| International events | Different colours for opposing <br> optional | Same colour optional | Optional | Optional |
| Continental Circuit events | Different colours for opposing players optional, or dependent on Continental Confederation regulations | Same colour optional, or dependent on Continental Confederation regulations | Optional, or dependent on Continental Confederation regulations | Optional, or dependent on Continental Confederation regulations |
| Open events (other than World Grand Prix) | From $1 / 4$ finals onwards, recommended that opposing players wear different colours from each other | Same colour recommended, and from $1 / 4$ finals onwards, recommended that opposing pairs wear different colours from each other | Mandatory | Optional |
| World Grand Prix events | From $1 / 4$ finals onwards, recommended that opposing players wear different colours from each other | Mandatory to wear same colour from $1 / 4$ finals onwards. <br> From $1 / 4$ finals onwards, recommended that opposing pairs wear different colours from each other | Mandatory | Optional |
| World Championships | From $1 / 4$ finals onwards, recommended that opposing players wear different colours from each other | Mandatory to wear same colour. <br> Recommended that opposing pairs wear different colours from each other from $1 / 4$ finals onwards | Mandatory | Optional |
| World Junior Championships (Individual) | From semi finals onwards, recommended that opposing players wear different colours from each other | From semi finals onwards, recommended the doubles partners wear the same colour, and that opposing pairs wear different colours from each other | Optional, but mandatory for semi-finals and finals | Optional |
| Thomas \& Uber Cups | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing players wear different colours from each other. | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing pairs wear different colours from each other. | Continental stage optional, unless otherwise required by the respective Continental Confederation Final stage - mandatory | Continental stage optional, unless otherwise required by the respective Continental Confederation Final stage - mandatory |
| Sudirman Cup | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing players wear different colours from each other. | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing pairs wear different colours from each other | Mandatory for Division 1, optional for other divisions | Mandatory for Division 1, optional for other divisions |
| World Junior Team Championships | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing players wear different colours from each other. | Team must all wear same colour and design of shirts and shorts. <br> Recommended that opposing pairs wear different colours from each other | Optional, but mandatory for the final | Optional, but mandatory for the final |
| Olympic Games | Mandatory for opposing players to wear different colours from each other. <br> Preferred colour of shirts to be pre-registered. | Mandatory for doubles partners to wear same colour, and that opposing pairs wear different colours from each other. <br> Preferred colour of shirts to be pre-registered. | Mandatory Names should be registered for consistency with scoreboards | NOC name mandatory |

## 23. ADVERTISING ON PLAYERS' CLOTHING

23.1 In all sanctioned events, including those organised by the IBF itself and multi-sport events, articles of clothing may only have advertising as provided in Regulations 23.2 to 23.5.
23.2 The shirt may carry advertising as in Regulations 23.2.1 to 23.2.2.
23.2.1 Advertisements may appear on the following locations: left sleeve, right sleeve, left collar, right collar, front of shirt. Each advertisement must be 20 square centimetres or less, and there must be no more than three in total and only one per location; and
23.2.2 Advertising contained in a band of uniform width not exceeding 10 centimetres; such a band may be at any angle and may be on the front of the shirt, the back of the shirt, or both.
23.2.3 If, in the Referee's sole judgment, there is a clash between the content of the advertising in Regulation 23.2.2 and the event sponsors or the TV broadcasters, or if the content of the advertising would infringe local laws or be considered offensive, then the Referee may limit advertising on the shirt to Regulation 23.2.1.

### 23.3 Other Clothing

23.3.1 Each sock and each shoe may carry two advertisements provided each advert is 20 square centimetres or less.
23.3.2 Each other article of clothing may carry one advertisement of 20 square centimetres or less.
23.4 The advertisements in Regulations 23.2 and 23.3 may be the clothing manufacturer's emblem or that of any sponsor.
23.5 In multi-sports events (eg Olympic Games) the organisers may specify more restrictive advertising limitations on players' clothing during play than in Regulations 23.2 to 23.4.

### 23.6 Member Association advertising

23.6.1 Member Associations may use an area not exceeding fifty square centimeters on their players’ shorts or lower part of dresses or skirts.
23.6.2 The area shall typically be used for a Member Association’s logo or an advert for a Member Association’s sponsor.
23.6.3 The advertisement must be the same on the shorts or skirts of all players from any one Member Association.
23.6.4 Any Member Association wishing to use this type of advertising must have written permission from IBF for doing so.

## 24. RESULTS

Results from all IBF-sanctioned tournaments must be faxed to the IBF Secretariat immediately after each day's play in the tournament has been completed.

## 25. WITHDRAWALS

25.1 It is a condition of entry to an IBF-sanctioned event that the organisers must be notified of any withdrawal by a player or team.
25.1.1 Where such withdrawal is made at least seven days before the first scheduled day of the event, no penalty is involved.
25.1.2 Any withdrawal within the seven days preceding the first scheduled day of the event or after the event has started renders the Member Association concerned liable to a penalty as decided by an IBF Disciplinary Committee. Penalties will not be applied when the withdrawal was notified and was beyond the control* of the Member Association or player concerned.

[^2]25.1.3 Responsibility for the administration of withdrawals and penalties is allocated as per the following table. All responsible organisations should observe the same principles as IBF.

Table

| Event | IBF responsible | CC responsible | Other arrangements |
| :---: | :---: | :---: | :---: |
| Thomas Cup Final Stage | v |  |  |
| Thomas Cup Continental Stage |  | v |  |
| Uber Cup Final Stage | v |  |  |
| Uber Cup Continental Stage |  | v |  |
| Sudirman Cup | v |  |  |
| World Grand Prix | v |  |  |
| World Grand Prix Finals | v |  |  |
| International Open Tournaments, not WGP |  | v |  |
| International Junior Open Tournaments |  | v |  |
| International Tournaments |  | v |  |
| International Junior Tournaments |  | v |  |
| World Championships | v |  |  |
| World Junior Championships | v |  |  |
| World Senior Championships | v |  |  |
| Continental Championships |  | v |  |
| Olympic Games |  |  | IBF and IOC responsible |
| Continental Multi-Sport Events eg, Asian Games, Panamerican Games, African Games, etc |  |  | Responsibility assigned according to the Charter of the event |
| Commonwealth Games |  |  | Responsibility assigned according to the Charter of the event |
| Major Tournaments or Events |  | v |  |

Table continued ...

| Event | IBF responsible | CC responsible | Other <br> arrangements |
| :--- | :--- | :--- | :--- |

- injury or illness (supported by a medical certificate or authorised by the event doctor)
- bereavement or serious illness of a close family member
- withdrawal of permission to enter a country or refusal to grant an entry permit, despite applying in reasonable time.

| Invitation Events |  | v |  |
| :--- | :--- | :--- | :--- |
| International Seniors' Events, except <br> Senior World Championships (see <br> above) |  | v |  |
| Exhibition Events |  |  | Not applicable |
| International Matches (Any fixture <br> between Member Associations) |  | Not applicable |  |
| National Championships |  |  | National |

25.2 The organisers of all IBF-sanctioned events must, immediately after the conclusion of the event, advise the IBF (or the Continental Confederation) about all players (or teams in the case of team competitions) who withdrew from the event or who did not appear after the draw had been made.
25.3 For each player or team in Regulation 25.2, the organisers must advise the IBF (or the Continental Confederation) of the circumstances of the withdrawal, including whether they were notified, and supply a copy of any relevant documentation.
25.4 Within two weeks of the conclusion of each IBF-sanctioned event, the Chief Operating Officer will review the information received in accordance with Regulation 25.2. Where no information was received by the organisers about a withdrawal or non-appearance, or where information received appears insufficient to support a withdrawal without penalty, the Member Association concerned will be advised in writing that the Disciplinary Committee will be reviewing the matter. The Member Association will be permitted four weeks in which to comment or supply additional information and/or documentation. After that time, the Disciplinary Committee will review all available information and comments received, and decide whether a penalty will be applied.

## 26. CONDUCT OF TOURNAMENTS OR EVENTS

26.1 A Referee shall be appointed for all sanctioned tournaments or other events.
26.1.1 The Referee shall be in overall charge of the event.
26.1.2 The Referee or a deputy shall always be present in the hall during the playing of matches.
26.2 The IBF shall appoint the Referee for all events organised by the IBF itself.
26.3 The IBF shall appoint the Technical Delegate(s) and the Referee(s) for multi-sport events, or alternatively, at its sole discretion, may approve a nomination from the organiser.
26.4 The duties of the Referee shall include:
26.4.1 ensuring that the conduct of the tournament or event is in accordance with the Laws of badminton, the Rules and Regulations of the IBF and any other regulations pertinent to the particular competition;
26.4.2 approval of the programme of play; and
26.4.3 overall control of and ensuring that there is an adequate panel of court officials of requisite ability and appropriate international representation.
26.5 Any player participating in two matches is entitled to a minimum interval of 30 minutes between them.
26.6 At an IBF-sanctioned event where the IBF has not appointed the Referee, the IBF may appoint an IBF Representative.
26.7 The duties of the IBF Representative shall be:
26.7.1 to get all the information regarding the event and to take any necessary actions;
26.7.2 to give advice to the organisers, ensuring the general organisation is adequate;
26.7.3 to attend the event and any associated meetings, such as publicity conferences and general social functions;
26.7.4 to represent the interests of the IBF in any dispute not the direct responsibility of the Referee; and
26.7.5 to support the Referee in his general duties.
26.8 Should the IBF be represented at an event under the control of an IBF-appointed Referee, the duties of such Representative(s) shall not conflict with the responsibilities of the Referee.

### 26.9 Shuttles

26.9.1 One brand of shuttle only must be adopted for exclusive use during any tournament or event and the name of this brand must be advertised in the prospectus.
26.9.2 No rationing of shuttles per match must be allowed, and all shuttles used must be a charge against the tournament and not against the players concerned.

## 27. PRIZES

27.1 Prizes may be awarded to players in all international events sanctioned by the Federation and, where appropriate, may be paid in cash. The entry form or prospectus for the event shall set out the total value of any such prizes.
27.2 In a tournament where all prizes are below the limit of US $\$ 3,000$ and the total prize fund is less than US $\$ 30,000$, those prizes, whether cash or goods, may be given directly to the player concerned, or in accordance with the instructions of the player's Member Association.

### 27.3 Prize money from events with larger prize funds

27.3.1 In a tournament where any prize is US $\$ 3,000$ or more, or the total prize fund is US $\$ 30,000$ or more, all prizes must be paid in accordance with Regulations 27.3.2 to 27.3.5.
27.3.2 All prizes must be paid to the IBF within three weeks of the end of the tournament. Upon receipt of these prizes, the IBF shall without delay remit the appropriate amounts to the Member Associations of the players concerned.
27.3.3 If prize monies are not received by the IBF after three weeks, an interest surcharge of $0.25 \%$ per week on any outstanding amount will be added to the total prize money due, this interest to accrue on the first day of each succeeding week that the payment is outstanding.
27.3.4 Proof of payment of withholding tax must be supplied to the Federation within nine months of the tournament or sanction of future tournaments may be withdrawn.
27.3.5 The Federation shall not have any responsibility for paying to Member Associations any prize monies that have not been paid in accordance with Regulation 27.3.2.

### 27.4 Division of prize money

27.4.1 The following division of prizes is recommended for International Open Tournaments and all other events with a comparable number of competitors:

| \% of total prize money |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Winner | Runner-up | Semi- <br> finalists | Quarter- <br> finalists | Last 16 | Total |
| Men's singles | 8 | 4 | 2 | 1 | 0.4 |  |
| Number | x 1 | x 1 | x 2 | x 4 | x 8 |  |
| Total | 8 | 4 | 4 | 4 | 3.2 | 23.2 |
| Women's singles | 6.9 | 3.3 | 1.8 | 0.9 | - |  |
| Number | x 1 | x 1 | x 2 | x 4 | - |  |
| Total | 6.9 | 3.3 | 3.6 | 3.6 | - | 17.4 |
| Men's doubles* | 7.2 | 4 | 2.4 | 1.4 | - |  |
| Number | x 1 | x 1 | x 2 | x 4 | - |  |
| Total | 7.2 | 4 | 4.8 | 5.6 | - | 21.6 |
| Women's doubles* | 6.1 | 4 | 2.2 | 1.1 | - |  |
| Number | x 1 | x 1 | x 2 | x 4 | - |  |
| Total | 6.1 | 4 | 4.4 | 4.4 | - | 18.9 |
| Mixed doubles* | 6.1 | 4 | 2.2 | 1.1 | - |  |
| Number | x 1 | x 1 | x 2 | x 4 | - |  |
| Total | 6.1 | 4 | 4.4 | 4.4 | - | 18.9 |

*per pair
27.4.2 Member Associations may vary the above divisions for tournaments with fewer than five events or with an artificially low entry.
27.5 Prize money forfeited in accordance with Anti-Doping Statutes Regulation 2.15 .2 will belong to the IBF to be used at its sole discretion.

## Player Movement

28.1 A player may be entered into IBF-sanctioned competitions by any Member Association until and unless another Member Association objects.
28.2 To object, a Member Association must produce evidence that the player concerned was under contract to it or one of its regional associations or clubs.
28.3 IBF will review the contract and consider the player's observations before deciding if the contract is enforceable.
28.4 If the contract is accepted as enforceable, the player will be barred from entry to international competitions for the period specified in the contract (or until the terms of the contract have been adhered to, if the contract provides for possible player movement). However, the maximum period of ineligibility to enter international competitions will be six months, regardless of the contract's provisions.

## 29. DOPING AND FEMININITY CONTROL

Doping control is regulated by the provisions of the Anti-Doping Statutes which shall apply to all events run directly or indirectly under the auspices of the IBF or one of its members, whether or not the event needs sanction by the IBF. The IBF encourages dope-testing at all IBF-sanctioned events.
30. WORLD RANKING SYSTEM

Council, or such of its committees as it shall determine, is empowered to implement or modify the World Ranking System [Appendix 6].

## 31. IMPLEMENTATION, MODIFICATION AND PENALTIES

31.1 Council, or such of its committees or sub-committees as it shall determine, has full authority to implement, interpret or modify these Regulations and to impose penalties on any Member for
infringement of any of the Regulations. The Member Association(s) of the offending player(s) may also be instructed to take specified disciplinary action.


[^0]:    * These officials are usually provided by the Member Association in the country in which the Games are held, but IBF policy is that at least $10 \%$ of positions are made available to experienced Line Judges from outside that country, provided these Line Judges bear their own travel costs. Appointment of the Line Judge Co-ordinator and Line Judges does, nonetheless, require IBF approval. The IBF must be involved in the training of Line Judges.

[^1]:    * Regulation 20.3 implementation date: 1 January 2004.

[^2]:    * acceptable reasons for withdrawal include:

