

BIATHLON COMPETITION VENUE LICENSE

A LICENSE INSPECTION DOCUMENT

This license document is intended for the team of inspectors issuing licenses and ought to help the National Federations in their preparations for the inspection. The various specific criteria for technical facilities set forth in the IBU Event & Competition Rules, Chapter 3 in particular, must be fully and entirely adhered to.

Meaning of chapter number coloring: ■ License requirement ■ Information/Not License requirement

TYPE OF LICENSE	VALID UNTIL
NATIONAL FEDERATION	HOST VENUE (CITY, TOWN)
NAME OF THE STADIUM	STADIUM OWNED BY

FOR IBU INTERNAL USE ONLY!

INSPECTOR 1	DATE OF INSPECTION
INSPECTOR 2	SIGNATURE
INSPECTOR 3	SIGNATURE
APPROVED BY IBU EXECUTIVE BOARD	
DATE	SIGNATURE

REMARKS - IBU INSPECTION TEAM

A. NATIONAL FEDERATION

A.1 National federation contact information

Name	
Street	ZIP Code
City	Country
Telephone	Mobile
E-mail	Website
Contact person at NF (at inspection visit)	Function

B. BASIC STADIUM CHARACTERISTICS

B.1 Stadium location description

Stadium name

Venue name (city, town)

Region, county/municipality

B.2 Stadium capacity

B.3 Accommodation capacity in area

Permanent stands	Temporary stands	Courses	Within 30 km		Within 60 km		Within 90 km	
			beds	rooms	beds	rooms	beds	rooms

C. STADIUM OPERATIONAL INFORMATION

C.1 Stadium owned/operated by (name) (one or more options)

Club	Company
Municipality	Other

C.2 Contact details of stadium owner/operator

Name	
Street	ZIP Code
City	Country
Telephone	Mobile
E-mail	Website

C.3 Stadium contact/responsible person(s) (at inspection visit)			
Name	Function		
C.4 Organizing Committee			
Already existing	Name		
C.5 Key persons in Organizing Committee			
President	Competition Chief		
Competition Secretary	Chief of Logistics		
Medical/Anti-Doping Chief	Chief of Media		
C.6 Involved in Organizing Committee	Number of IBU TDs		
	Number of IBU IRs		
	Number of NRs		
C.7 Permanent - temporary stadium	Permanent biathlon stadium	Temporary biathlon stadium	
	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	
C.8 Temporary elements at the stadium (buildings, cabins, tents, objects...)			
C.9 Stadium functionality	All year long		Winter only
	<input type="checkbox"/> yes <input type="checkbox"/> no		<input type="checkbox"/> yes <input type="checkbox"/> no
C.10 Training and competition possibilities	Winter biathlon Competitions	Winter biathlon Trainings	Summer biathlon Competitions
	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
C.11 Number of biathlon competitions already hosted	National winter	National summer	International winter
C.12 Owner is responsible for the operation of the stadium	<input type="checkbox"/> yes <input type="checkbox"/> no		
C.13 Owner is responsible for the maintenance of the stadium	<input type="checkbox"/> yes <input type="checkbox"/> no		
C.14 NF and the event host are entitled to host IBU events at any time	<input type="checkbox"/> yes <input type="checkbox"/> no		
C.15 Who ensures funding of the operation of the stadium	<input type="checkbox"/> yes <input type="checkbox"/> no		

D. GEOGRAPHICAL AND CLIMATE CHARACTERISTICS			
D.1 Is the stadium located in any kind of environmental conservation area?	<input type="checkbox"/> yes <input type="checkbox"/> no		if „YES“ Type of environmental conservation area
D.2 Restrictions resulting from environmental conservation area			
D.3 Absolute altitude above sea level	Shooting range/Stadium	Highest point on the courses	Lowest point on the courses
	m	m	m
D.4 Average of daily temperature per month*	Month	Minimum	Maximum
	November	°C	°C
	Dezember	°C	°C
	January	°C	°C
	February	°C	°C
	March	°C	°C
* Attach temperature chart with daily temperatures (month by month) for above data, if existing.			
D.5 Average snow depth per month	November		cm
	December		cm
	January		cm
	February		cm
	March		cm
D.6 Number of days with snow cover in winter			

2. TECHNICAL FACTORS

E. START, FINISH, SHOOTING RANGE AND COURSES		
E.1 Start zones according to IBU Event & Competition Rules	Individual start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Pursuit start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Mass Start start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Relay hand-over zone	<input type="checkbox"/> yes <input type="checkbox"/> no
	Start Warm-up area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Equipment inspection point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Single Mixed Relay hand-over zone	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 1	Map of Single start area with warm-up area and equipment inspection point (.jpg, .pdf)	
Annex 2	Map of Pursuit start area with warm-up area and equipment inspection point (.jpg, .pdf)	
Annex 3	Map of Simultaneous start area with warm-up area and equipment inspection point (.jpg, .pdf)	
Annex 4	Map of relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	
Annex 5	Map of Single Mixed relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	
E.2 Finish zone according to IBU Event & Competition Rules	Finish area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Material inspection point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Finish exit zone/mixed zone	<input type="checkbox"/> yes <input type="checkbox"/> no
	Refreshment point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shelter for changing before Mixed Zone	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 6	Map of finish area with exit zone, mixed area, equipment inspection point and flower ceremony area (.jpg, .pdf)	
E.3 Shooting range acc. to IBU Event & Competition Rules	Shooting direction	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shooting distance 50 m +/- 1m	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent shooting ramp	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent target ramp	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent target lights (min 1000 lux)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target placement (vertical)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target background and roof	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shooting lanes (number of lanes)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Coaches corridor 2m + Media/VIP Corridor 1.5m (min. 30 cm higher as the shooting ramp)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Penalty Loop (150m and 75m)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target system	
Annex 7	Map of Shooting range position in the stadium with penalty loop (.jpg, .pdf)	

E.4 Basic Course Calculator Chart (please fill separate Course Calculator chart as well)									
	4.0 km loop	3.3 km loop	3.0 km loop	2.5 km loop	2.5 km loop	2.0 km loop	2.0 km loop	1.5 km loop	1.0 km loop
	20.0 km	10.0 km	15.0 km	12.5 km	7.5 km	10.0 km	6.0 km	7.5 km	5.0 km
First Loop									
Middle Loop									
Middle Loop									
Middle Loop									
Finish Loop									
Competition distance									
Highest Point									
Lowest Point									
Maximum Climb									
Total Climb (loop)									
Total Climb (distance)									
Competition length tolerances chart									
Maximus distance	21.000	10.500	15.750	13.125	7.875	10.500	6.300	7.875	6.000
Competition distance	20.0 km	10.0 km	15.0 km	12.5 km	7.5 km	10.0 km	6.0 km	7.5 km	5.0 km
Minimum distance	19.600	9.800	14.700	12.250	7.350	9.800	5.880	7.350	4.000
Competition Total Climb chart									
Maximum total climb	800	405	600	500	300	400	240	300	200
Minimal total climb	550	270	400	350	210	275	165	150	75
E.5 Course according to IBU Event & Competition Rules					Distances			<input type="checkbox"/> yes <input type="checkbox"/> no	
					Profiles			<input type="checkbox"/> yes <input type="checkbox"/> no	
					Width			<input type="checkbox"/> yes <input type="checkbox"/> no	
					Maximum grade			<input type="checkbox"/> yes <input type="checkbox"/> no	
					Safety			<input type="checkbox"/> yes <input type="checkbox"/> no	
E.6 Artificial lighting					Stadium		<input type="checkbox"/> yes <input type="checkbox"/> no		lux
					Courses		<input type="checkbox"/> yes <input type="checkbox"/> no		lux
Annex 8	Map of complete biathlon courses system (.jpg, .pdf)								
Annex 9	Map of 1.0 km loop with profiles and specifications (.jpg, .pdf)								
Annex 10	Map of 1.5 km loop with profiles and specifications (.jpg, .pdf)								
Annex 11	Map of 2.0 km loop with profiles and specifications (.jpg, .pdf)								
Annex 12	Map of 2.5 km loop with profiles and specifications (.jpg, .pdf)								
Annex 13	Map of 3.0 km loop with profiles and specifications (.jpg, .pdf)								
Annex 14	Map of 3.3 km loop with profiles and specifications (.jpg, .pdf)								
Annex 15	Map of 4.0 km loop with profiles and specifications (.jpg, .pdf)								

F. TEAM SERVICE AREA

F.1 Team service area	Distance from the start/finish area	m	
	Permanent team service cabins (quantity)	Waxing	Changing
	Temporary team service cabins (quantity)	Waxing	Changing
	Wax cabins equipped with ventilation system		
	Wax trucks parking capacity (number of truck parkings - min 8)		
	Warm-up course	Distance from team service area	length of warm-up loop
m		m	
IBU Family Club (min 100 m ²)	m ²		

Annex 16	Map of team service area position in the stadium (.jpg, .pdf)
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Remarks (Chapter E & F)

G. COMPETITION MANAGEMENT AREA		
G.1 Competition management area	Permanent building(s)	
	Competition office (approximately 20 m ²)	m ²
G.2 Offices at competition management area	OC Competition management office (app. 20 m ²)	m ²
	IBU GS & EB Representative Office (app. 20 m ²)	m ²
	IBU RD office (app. 10 m ²)	m ²
	IBU TD/IRs office (app. 15 m ²)	m ²
	Competition Jury Room (app. 15 m ²)	m ²
	Preliminary material inspection room (app. 20 m ²)	m ²
	Room for timing and data transfer equipment (30m ² + 5m ² storage)	m ²
Annex 17	Map of competition management area position in the stadium (.jpg, .pdf)	
Annex 18	Map of competition management area offices (.jpg, .pdf)	

H. SCOREBOARDS, VIDEO WALLS, TIMING SYSTEM, RIFLE STORAGE		
H.1 Electronic scoreboard (min 6 lines)	Permanent	
	Temporary	
H.2 Video screen/wall	Permanent	
	Temporary	
	Quantity	
Annex 19	Map of location of scoreboards and video screens in the stadium (.jpg, .pdf)	
H.3 Existing timing system	Provider	
	System	
H.4 Rifle storage	Storeroom	m ²
	Dry shooting room	m ²

I. POWER SUPPLY, INTERNET AND TOILETS		
I.1 Electric power supply	Voltage (110/220)	V
	Wattage (min 900)	kW
	Back up system	<input type="checkbox"/> yes <input type="checkbox"/> no
	Wattage of back-up system	kW
I.2 Internet connections (separate from TV / Media)	Competition management area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Team service area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Anti-doping area	<input type="checkbox"/> yes <input type="checkbox"/> no
I.3 Toilet facilities	Team service area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Competition management area	<input type="checkbox"/> yes <input type="checkbox"/> no

J. COMPETITION AND STADIUM EQUIPMENT			
J.1 Snow grooming equipment	Grooming machines	Type	Quantity
	Snow mobiles	Type	Quantity
	Salt spreader machine	Quantity	
	Grooming trailers for snow mobiles	Type	Quantity
J.2 Courses	Course sign boards		
	Protection nets	m	
	Protection mats	m	
	Protection fences	m	
	V-boards quantity		
	V-boards color		
	Advertising boards	m	
J.3 Start and finish area	Protection fences	m	
	Advertising boards	m	
	V-boards quantity		
	V-boards color		
	Rifle racks (warm-up for min 140 rifles + finish area for min 70 rifles)		
	Red lines		
	Start/Finish boards		
	Info boards		
J.4 Shooting range and penalty loop	Shooting lanes numbers		
	Target numbers		
	Wind flags (64)		
	Lane dividers (red) - for shooting ramp		
	T-posts - from ramp to targets (posts or plates on the wire)		
	Shooting mats		
	Rifle racks (at range for min for 210 rifles + rifle racks for training 70)		
	Protection fences (m)	m	
	V-boards quantity		
	V-boards color		
	Sign boards		

K. SNOW SYSTEM AND SNOW STORAGE			
K.1 artificial snow production system	Existing artificial snow production system	<input type="checkbox"/> yes <input type="checkbox"/> no	
	(if yes) Number of snow guns	Permanent	
		Optional	
		Total	
	Water supply	Water reservoir	m ³
		Normal pipeline water	<input type="checkbox"/> yes <input type="checkbox"/> no
		Cooling system	<input type="checkbox"/> yes <input type="checkbox"/> no
Estimated number of production days to cover stadium/courses (-5 °C)			
K.2 Snow storage	Snow storage	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Storage capacity	m ³	
K.3 Snow factory	Snow factory	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Type of snow factory		
Remarks (Chapter G - K)			

3. MEDIA REQUIREMENTS

L. TV OPERATIONS			
L.1 TV Compound (~2.500 m ² for WCH, ~1.500 m ² for WC events)	Area capacity	m ²	
	Electricity source - network power	kW	
	Electricity source - technical powe	kW	
	Cable channels	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Internet capacity reserved to TV compound	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Toilets	<input type="checkbox"/> yes <input type="checkbox"/> no	
L.2 Commentators' booths	Number of Commentators' booths (min 12)	Permanent	Temporary
	Size per booth	m ²	m ²
	Internet access	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Heating/lighting	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Electricity	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Viewing position on stadium/shooting range	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
Distance to toilets	m		
L.3 TV camera positions	Permanent camera platforms (quantity)		
	Temporary camera platforms (quantity)		
Annex 20	Map of position of TV compound and TV commentators' booths and (if existing) permanent TV camera positions/platforms in the stadium (.jpg, .pdf)		
Remarks (Chapter L)			

M. MEDIA OPERATIONS		
M.1 Media Center (min 500 m ² for WCH, 350 m ² for WC events)	Permanent center	<input type="checkbox"/> yes <input type="checkbox"/> no
	Size	m ²
	Levels (ground floor, 2 floors...)	m ²
	Biggest room Size	m ²
	Photographers'section	<input type="checkbox"/> yes <input type="checkbox"/> no
	Photographers'section Size	m ²
	Radio section	<input type="checkbox"/> yes <input type="checkbox"/> no
	Radio section Size	m ²
	ENG section	<input type="checkbox"/> yes <input type="checkbox"/> no
	ENG section Size	m ²
	Media Catering room (9F) Position	
	Media Catering room (9F) Size	m ²
	Distance from mixed zone	m
	Distance from entrance of shooting range	m
Internet capacity		
M.2 Mixed Zone (min 200 m ² for WCH, 100 m ² for WC events)	Position	
	Size	m ²
	Internet access	<input type="checkbox"/> yes <input type="checkbox"/> no
	Electricity	<input type="checkbox"/> yes <input type="checkbox"/> no
M.3 Photo positions	Shooting range Size (Right side; min 16 m ²)	m ²
	Tunnel	<input type="checkbox"/> yes <input type="checkbox"/> no
	Start Size	m ²
	Finish Size	m ²
	Course: How many positions	
	Accessibility of photo positions	
Annex 21	Map of media center, mixed zone, media corridor at range and photo position in the stadium and courses (.jpg, .pdf)	
Remarks (Chapter M)		

4. MEDICAL AND ANTI-DOPING REQUIREMENTS

N. MEDICAL CARE		
N.1 General medical care factors	Nearest Hospital/Clinic (name)	
	City, location	
	Distance to the venue (km)	km
N.2 Medical treatment area in the stadium	Medical treatment area in the stadium	<input type="checkbox"/> yes <input type="checkbox"/> no
	First aid room with equipment	<input type="checkbox"/> yes <input type="checkbox"/> no
	Automated external defibrillator (AED)/number	
	Location of AED(s)	
	Ambulance car parking	<input type="checkbox"/> yes <input type="checkbox"/> no
	Access ways to and from courses	<input type="checkbox"/> yes <input type="checkbox"/> no
	Emergency plan	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 22	Map of medical treatment area position in the stadium with emergency plan including AEDs (.jpg, .pdf)	
O. ANTI-DOPING AREA		
O.1 Anti-doping testing area in the stadium	Doctor's room (20m ²) with toilet (5m ²)	m ²
	Waiting room (20m ²)	m ²
	Ergometer in waiting room	<input type="checkbox"/> yes <input type="checkbox"/> no
	Chaperones'/doping control officers' room (15m ²)	m ²
Annex 23	Map of anti-doping testing area position in the stadium (.jpg, .pdf)	
Note !	Refer to IBU Medical Guidelines before planning or preparing the facilities! AD area should be located close to media center.	
Remarks (Chapter N-O)		

5. LOGISTICAL REQUIREMENTS

P. LOGISTICS CENTER		
P.1 Logistics center	Permanent facility	<input type="checkbox"/> yes <input type="checkbox"/> no
	Location (city and name of the building)	
	Distance to the venue	km
P.2 Offices in the logistics center	OC Logistics/Information office	m ²
	Accommodation office	m ²
	Transport office	m ²
	Meeting room	m ²
P.3 Internet connections	OC Logistics center	<input type="checkbox"/> yes <input type="checkbox"/> no
P.4 Accreditation center	(refer to IBU Accreditation system)	m ²
P.5 Internet connections	Accreditation office	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 24	Map of logistics center location and plan of offices at the center (.jpg, .pdf)	

R. ACCOMMODATION								
R.1 Accommodation for teams/service companies (minimum 500 beds in total within 30 km/30 min - minimum 150 beds for limited price)								
	Name (city, place,...)	Distance to stadium (km)	Winter travel time (min)	Absolute altitude (m)	Cat. A/****	Cat. B/***	Cat. C/**	Apartments
					Number of rooms / beds			
Example	Hotel Post, Ruhpolding	12	20	935	80/100	250/600	150/300	
Location 1								
Location 2								
Location 3								
Location 4								
Location 5								
Location 6								
Location 7								
Location 8								
Location 9								
Location 10								
Location 11								
Location 12								
Location 13								
Total rooms and beds by category								
Total rooms and beds								

R.2 Fitness center (or gym)		near accommodation			<input type="checkbox"/> yes <input type="checkbox"/> no			
R.3 Accommodation for guests/officials/partner companies (minimum 50 beds in total within 30 km/30 min)								
	Name (city, place,...)	Distance to stadium (km)	Winter travel time (min)	Absolute altitude (m)	Cat. A/****	Cat. B/***	Cat. C/**	Apartments
					Number of rooms / beds			
Location 1								
Location 2								
Location 3								
Location 4								
Location 5								
Total rooms and beds by category								
Total rooms and beds								
R.4 Accommodation for media representatives (including TV crews) (minimum 150 beds in total within 45 km/45 min)								
	Name (city, place,...)	Distance to stadium (km)	Winter travel time (min)	Absolute altitude (m)	Cat. A/****	Cat. B/***	Cat. C/**	Apartments
					Number of rooms / beds			
Location 1								
Location 2								
Location 3								
Location 4								
Location 5								
Total rooms and beds by category								
Total rooms and beds								
Annex 25	Map of hotels location (.jpg, .pdf)							

S. TRANSPORT, PARKING & TEAM CAPTAINS' MEETING ROOM		
S.1 Transport factors	Nearest airport (from which OC organizes transport)	
	Distance to the venue	km ²
	Roading quality	
S.2 Team captain's meeting room	Location (city)	
	Building (name)	
	Capacity (number of seats)	
	Audio-visual equipment	<input type="checkbox"/> yes <input type="checkbox"/> no
S.3 Parking area - number of parking spaces	Teams	
	Sponsors and suppliers	
	Officials	
	OC Members	
	Media/TV	
	VIPs	
	OC Transport service	
	Spectators	
Annex 26	Map of Parking areas in the stadium (.jpg, .pdf)	
Remarks (Chapter P-S)		

6. HOSPITALITY

T. GUESTS AND SPECTATORS		
T.1 Hospitality areas for guests	VIP area (min 500m ²)	m ²
	Other hospitality areas	
	VIP/Hospitality stand capacity (min 250 persons)	
T.2 Hospitality areas for spectators	Stadium/venue capacity (min 5000 persons)	
Annex 27	Map of hospitality areas in the stadium (.jpg, .pdf)	
Remarks (Chapter T)		

LIST OF ANNEXES Content of annexes can be combined in one map!

		Attached
Annex 1	Map of Single start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 2	Map of Pursuit start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 3	Map of Simultaneous start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 4	Map of Relay hand-up area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 5	Map of Single Mixed relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 6	Map of finish area with exit zone, mixed zone, equipment inspection point and flower ceremony area (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 7	Map of shooting range position in the stadium with penalty loop (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 8	Map of complete biathlon courses system (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 9	Map of 1.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 10	Map of 1.5 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 11	Map of 2.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 12	Map of 2.5 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 13	Map of 3.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 14	Map of 3.3 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 15	Map of 4.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 16	Map of team service area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 17	Map of competition management area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 18	Map of competition management area offices (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 19	Map of location of scoreboards and video screens in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 20	Map of position of TV compound and TV commentators' booths and (if existing) permanent TV camera positions/platforms in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 21	Map of media center, mixed zone, media corridor at range and photo position in the stadium and courses (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 22	Map of medical treatment area position in the stadium with emergency plan including AEDs (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 23	Map of anti-doping testing area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 24	Map of logistics center location and plan of offices at the center (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 25	Map of hotels location (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 26	Map of parking areas in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
Annex 27	Map of hospitality areas in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no

BIATHLON COMPETITION VENUE LICENSE

A LICENSE DOCUMENT INSTRUCTIONS

1. GENERAL FACTORS

A. NATIONAL FEDERATION

A.1 National federation contact information

Name of national federation who is requesting the Venue License (e.g.: German Ski Federation), with whole address and contact person at the time of inspection visit.

B. BASIC STADIUM CHARACTERISTICS

B.1 Stadium location description

Fill in the name of the stadium, nearest city or town (name of the venue) and region.

B.2 Stadium capacity

Fill in the number of possible spectators in all three areas.

B.3 Touristic area capacity

Fill in the number of tourist accommodation options (number of tourist beds / rooms) within listed distances. This information can be usually obtained at Tourist Boards or Information Offices.

C. STADIUM OPERATIONAL INFORMATION

C.1 Stadium owned / operated by

Name of the owner of the stadium or who operate the stadium (e.g.: Ski Club Ruhpolding / Wintersports gmbh).

C.2 Contact details of stadium owner / operator

Name and full address of stadium owner or operator (this information will be published at IBU web site after successful License issue).

C.3 Stadium contact / responsible person(s)

Name of the person who can be contacted for all matters connected to biathlon stadium (training possibilities, snow situation, ...)

C.4 Organizing Committee (Not required for the License)

Fill in the name of Organizing Committee if already existing.

C.5 Key persons in Organizing Committee (Not required for the License)

Fill in names of key persons at OC (if existing.)

C.6 Involved in Organizing Committee (Not required for the License)

Fill in the number of different level biathlon referees if they are active in existing Organizing Committee.

C.7 Permanent - temporary

Minimum requirements that stadium is permanent are met when shooting range (can be without targets), shooting ramp and competition management building are permanent (solid permanent construction). If stadium is made by temporary elements like cabins, platforms... we understand stadium as temporary.

- Permanent biathlon stadium Answer with yes or no (A License requirement)

- Temporary biathlon stadium Answer with yes or no.

C.8 Temporary elements in the stadium (buildings, cabins, tents, objects...)

Fill in elements that are not permanently installed at the stadium, but can be easily organized when needed (e.g. 20 wax cabins/containers, VIP tent,...).

C.9 Stadium functionality (Not required for the License)

Stadium can be used during whole year or not. Very much depend on snow condition and roller ski course. Answer with yes or no.

C.10 Training and competition possibilities (Not required for the License)

Connected with previous point and also to state of stadium operational functionality and maintenance. Answer with yes or no.

C.11 Number of biathlon competitions already hosted (Not required for the License)

Write a number (quantity) of already held competitions in the stadium.

C.12 Owner is responsible for the operation of the stadium (Not required for the License)

Answer with yes or no.

C.13 Owner is responsible for the maintenance of the stadium (Not required for the License)

Answer with yes or no.

C.14 NF and the event host are entitled to host IBU events at any time

Answer with yes or no.

C.15 Who ensures funding of the operation of the stadium (Not required for the License)

Name of organisation who is responsible for stadium operation (e.g.: Municipality of Ruhpolding)

D. GEOGRAPHICAL AND CLIMATE CHARACTERISTICS

D.1 Stadium is located in any kind of environment reserved area

First answer with yes or no. If yes; fill in the type of reserved area (e.g.: water reserved area, birds protected habitat...)

D.2 Restrictions resulting from environment reserved area

Fill in any possible restrictions at the stadium (e.g.: can use chemicals on the courses,...)

D.3 Absolute altitude above sea level

Absolute altitude in meters at different points.

D.4 Daily average temperatures

Fill in the fields with degrees Centigrade. You can find this data at meteorological agencies. If you have one please attach as annex temperatures diagram.

D.5 Average snow height per month

Fill in the fields with centimetres similar as for the temperatures.

D.6 Number of days with snow cover in winter

Average number of days with snow cover in the stadium.

2. SPORT TECHNICAL FACTORS

E. START, FINISH, SHOOTING RANGE AND COURSES

E.1 Start zones according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Single start area 3.2.2
- Pursuit start area 3.2.3
- Simultaneous start area 3.2.4
- Relay hand over zone 3.3.10
- Warm-up area 3.2.1
- Equipment control point 3.2.7

E.2 Finish zone according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Finish area 3.5.1
- Material inspection point 3.5.2
- Finish exit zone / Mixed zone 3.5.3 / 3.5.6
- Refreshment point 3.5.4
- Shelter for changing 3.5.5

E.3 Shooting range acc. to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Shooting direction 3.4.1
- Shooting distance 3.4.2.1
- Permanent shooting ramp 3.4.2.4 / 3.4.3
- Permanent target ramp 3.4.2.4
- Permanent target lights 3.1.2.4
- Target placement 3.4.4.3
- Target background and roof 3.4.4.4
- Shooting lanes 3.4.3.1
- Corridors configurations 3.4.2.5
- Penalty Loop 3.3.11 / 3.3.11.1

Name the target system in use for competitions and / or training.

E.4 Course Calculator Chart

Fill in the data in the chart as requested.

E.5 Courses according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Distances 1.4.10
- Profiles 1.4.10
- Width 3.3.2
- Maximum grade 3.3.2
- Safety 3.3.4

E.6 Artificial lighting (Not required for the License)

Artificial light are in use for night / evening competition if requested by TV transmission.
 IBU strongly recommends following the IBU Event & Competition Rule 3.1.2.4 for most of stadiums which has requested A License. Artificial lighting need to have capacity at least 800 Lux (1000 Lux is recommended).

Fill in requested data in Lux.

F. TEAM SERVICE AREA

F.. Team service area

Fill in requested data about Team Service Area. Information can be found at IBU Event & Competition Rules about:

- Team Waxing Cabins 3.6
- Waiting Rooms 3.7
- Warm-up course: 3.3.12

Team cabins can be permanent buildings/cabins or parts of building or can be temporary. When cabins are temporary, stadium has to have enough space to accommodate enough wax cabins as required by level of event and in case of A license also enough space for wax trucks.

Same applies also for IBU family club; area can be permanent facility or temporary.

Warm up course have to be in close proximity to start area (maximum 300 m) and with easy access from team cabins.

- Permanent / temporary team service cabins
- Wax trucks parking
- IBU Family Club

G. COMPETITION MANAGEMENT AREA

G.1 Competition management area

For A License requirements there should be permanent area (can be more than one building), answer with yes or no.

G.2 Offices at Competition management area

Fill in the square meters for each office as part of Competition Management area. Minimum area requirements can be found at OC Guidelines and IBU Event & Competition Rules 3.1:

- Competition office 20 m²
- OC Competition management office 20 m²
- IBU SG and EB Representative Office 20 m²
- IBU RD office 10 m²
- IBU TD / IRs office / 15 m²
- Jury Room 15 m²
- Preliminary material control room 20 m²
- Room for timing and data transfer 30 m² + 5 m² storage

H. SCOREBOARDS, VIDEO WALLS, TIMING SYSTEM, RIFLE STORAGE

H.1 Electronic scoreboard

Electronic score board is requested for all big IBU events. Minimum number of lines at the board is 6; location is approved at license inspection.

Scoreboard can be permanent or temporary; for temporary scoreboard the position will be inspected

H.2 Video screen / wall (Not required for the License)

Video screen/wall is not required to obtain a license, but is a common standard at bigger IBU events with TV broadcasting. Fill in the requested fields.

H.3 Existing timing system (Not required for the License)

For competition without official IBU Data Timing partner support stadiums can be equipped with own timing system. Fill in the date if such a system exists.

H.4 Rifle storage (Not required for the License)

If national law for firearms and ammunition required storage of firearms and ammunition at the special secured areas, stadium has to have proper rifle storage with dry shooting room. Storage should accommodate all participants' rifles. Fill in requested data.

I. POWER SUPPLY, INTERNET AND TOILETS

I.1 Electric power supply

Fill in requested data. When planning the stadium, management should calculate enough power to serve all of the potential users (TV, sport equipment, lighting, hospitality areas, team area...). Capacity of electric power supply has to be at least 900 kW.

At the same time back-up system need to be planned and different power circuits need to be foreseen to minimize potential power breaks.

I.2 Internet connections

For successful organization most of users need solid internet connection. Exact capacity of particular networks will be specially checked for events, license inspectors will be spot checking existing networks at permanent facilities.

I.3 Toilets facilities

Sufficient number of toilets facilities need to be provided at some areas listed at catalogue. At listed areas quality of toilets have to be higher than portable toilet boxes (e.g.: Dixie) and during event toilets have to be constantly checked and maintained.

J. COMPETITION AND STADIUM EQUIPMENT

J.1 Snow grooming equipment

Stadium need to have proper snow grooming equipment for all possible weather or snow conditions. For license inspection, inspection team need to be able to spot check machines or equipment.

J.2 Courses

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards 3.3.7

J.3 Start and finish area

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards 3.3.7
 - Rifle racks (20 + 10) 3.2.1
 - Start / Finish boards 3.2.3.1/3.2.4.1

J.4 Shooting range and Penalty loop

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards	3.3.7
- Shooting lanes numbers	3.4.5
- Target numbers	3.4.5
- Wind flags (64)	3.4.6
- Lane dividers (red)	3.4.3.1
- T-posts	3.4.3.1
- Shooting mats	3.4.3.2
- Rifle racks	3.4.7
- Protection fences (m)	3.4.2.5
- Sign boards	3.4.5.1

K. SNOW SYSTEM AND SNOW STORAGE

K.1 Existing artificial snow production system

Answer with yes or no, if stadium is having an artificial snow system. Permanent snow guns are guns which are situated at or owned by stadium and optional is the number of guns which can be added to the system when needed in addition to permanent ones.

Answer what kind of water supplying system is in use and if system is equipped with coolers.

Number of required days with snow production is only estimated at normal weather condition (-5 or more) and with maximum amount of snow guns.

K.2 Snow storage

Answer with yes or no if stadium is in possession of snow storage. If yes, fill in the capacity of the storage.

3. MEDIA REQUIREMENTS

L. TV OPERATIONS

L.1 TV Compound

Fill in requested data. There is a minimum area requirement for TV compound: 2.500 m² for WCH, 1.500 m² for WC events).

L.2 Commentators booths

Fill in requested data about commentators booths.

L.3 TV Camera positions

If your stadium and courses are already equipped with camera platforms or you know the location of temporary platforms you fill in the number of them. It is necessary to mark them at stadium and courses map.

M. MEDIA OPERATIONS

M.1 Media Center

Fill in requested data. There is a minimum area requirement for Media center: 500 m² for WCH, 350 m² for WC events).

M.2 Mixed Zone

Fill in requested data. There is a minimum area requirement for Mix zone: 200 m² for WCH, 100 m² for WC events).

M.3 Media corridor at shooting range

Fill in requested data. Please note, that media corridor should be organized for the whole length of the range.

M.4 Photo positions

Fill in requested data. There is a minimum area requirement for photo position on the right side of the range: min 16 m²

4. MEDICAL AND ANTI-DOPING REQUIREMENTS

N. MEDICAL CARE

N.1 General medical care factors

Fill in the name of the nearest hospital where participants can be taken care of and the distance to the venue.

N.2 Medical treatment in the stadium

Fill in requested data.

O. ANTI-DOPING AREA

O.1 Anti-doping testing area in the stadium

Fill in requested data. Please note that you should refer to IBU Medical Guidelines when planning or organizing area. IBU Medical department strongly recommend organizing anti-doping area as close to Media center as possible to assure better condition for the athletes (short ways from Media conferences and testing).

5. LOGISTICAL REQUIREMENTS

P. LOGISTIC CENTER

P.1 Logistic center

Answer with yes or no, if there is a permanent building or facility available for organizing Logistic centre when necessary. If yes, describe location of the Centre.

P.2 Offices in the Logistic centre

Fill in the square meters for listed offices which need to be in Logistic Centre. It is not necessary to have it all in one building, however it is strongly recommended.

Minimum requirements are:

- OC Logistic/Information office	10 m ²
- Accommodation office	5 m ²
- Transport office	5 m ²
- Meeting room	20m ²

P.3 Accreditation centre

Describe location of the Center. It is not necessary that Accreditation center is in the same building as Logistic office. It has to be possible to organize the space according to IBU Rules for Accreditation.

R. ACCOMMODATION

R.1 Accommodation for teams / service companies

There is a minimum requirement for number of beds reserved: 500 beds in a circle of 30 km. Fill in the chart.

R.2 Fitness center (or gym) next to accommodation

Answer with yes or no.

R.3 Accommodation for guests / officials / partner companies

There is a minimum requirement for number of beds reserved: 50 beds in a circle of 30 km. Fill in the chart.

R.4 Accommodation for media representatives (including TV crews)

There is a minimum requirement for number of beds reserved: 150 beds in a circle of 50 km. Fill in the chart.

S. TRANSPORT, PARKING & TC'S MEETING ROOM

S.1 Transport factors

Fill in requested data.

S.2 Team Captain's Meeting room

Fill in requested data.

S.3 Parking area - number of parking spaces

Fill in the estimated capacities.

6. HOSPITALITY

T. GUESTS AND SPECTATORS

T.1 Hospitality areas for guests

Fill in requested data.

T.2 Hospitality areas for spectators

Fill in requested data.

LIST OF ANNEXES

When map or plan of some area is requested it has to be prepared and provide before inspection visit. There will be no visit if all of annexes will not be sent to the IBU HQ prior the visit (14 days).

As mentioned at the License document, some maps can be combined.