



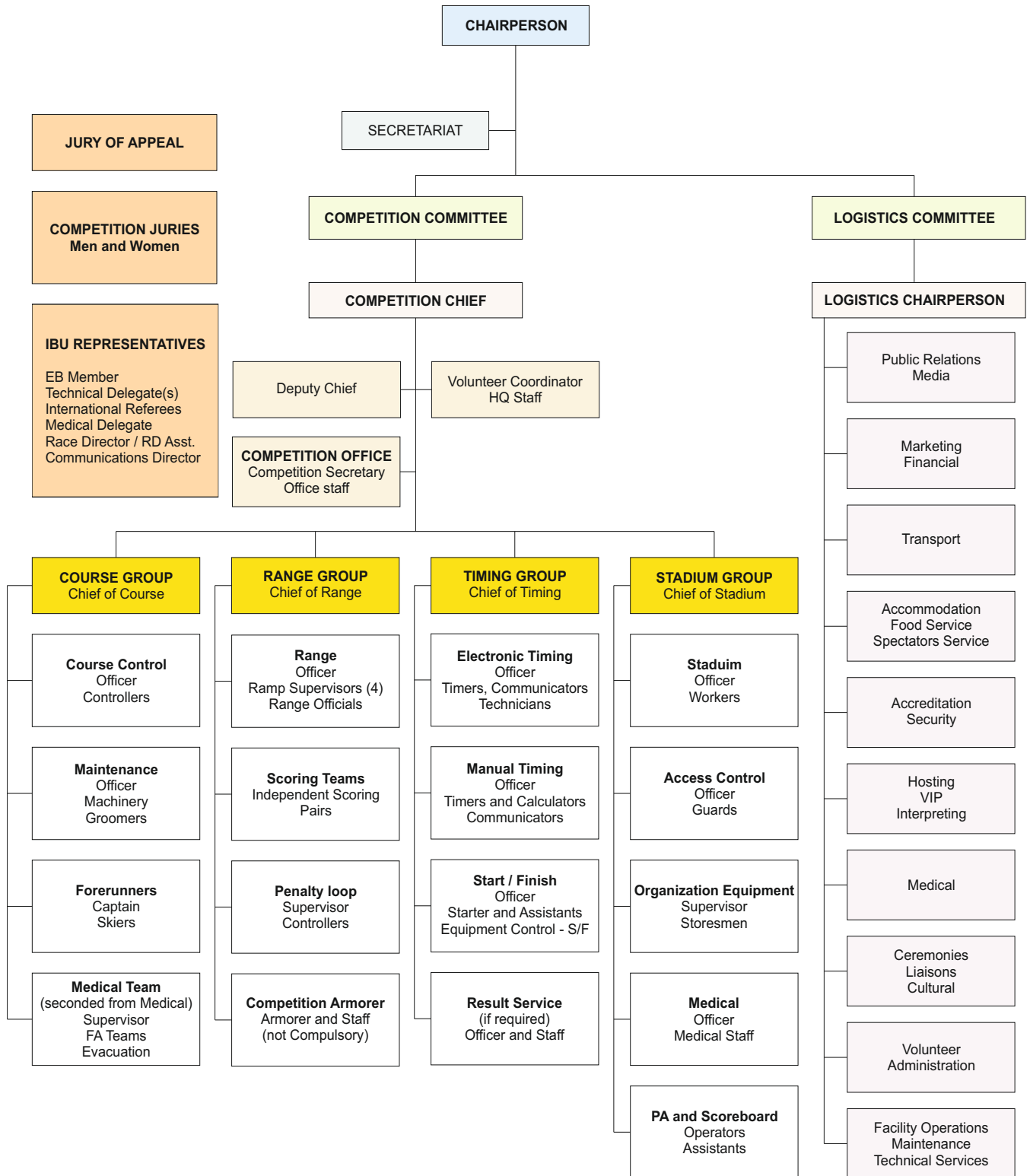
IBU

OC Guidelines

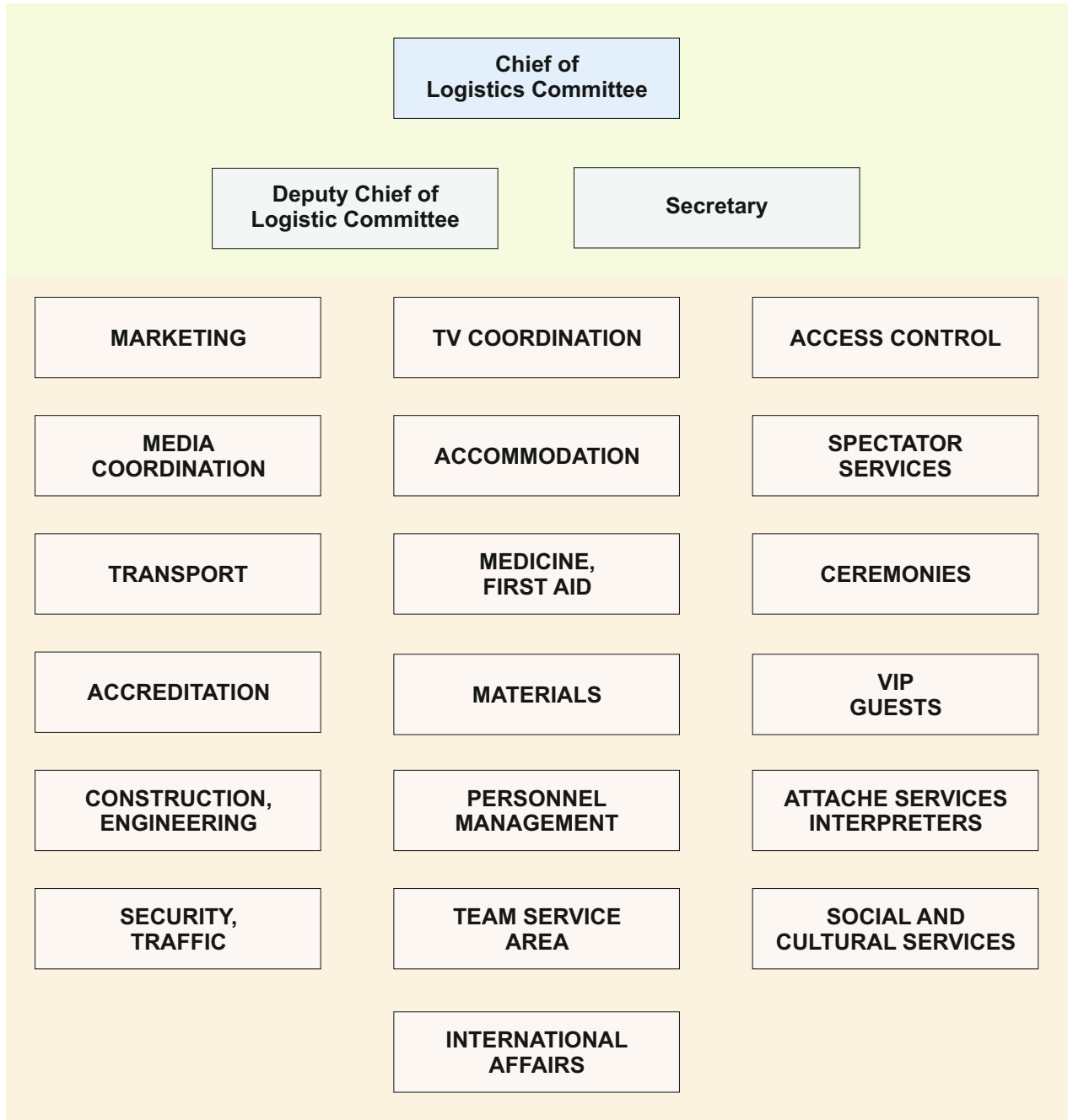
GRAPHICS

2011/12

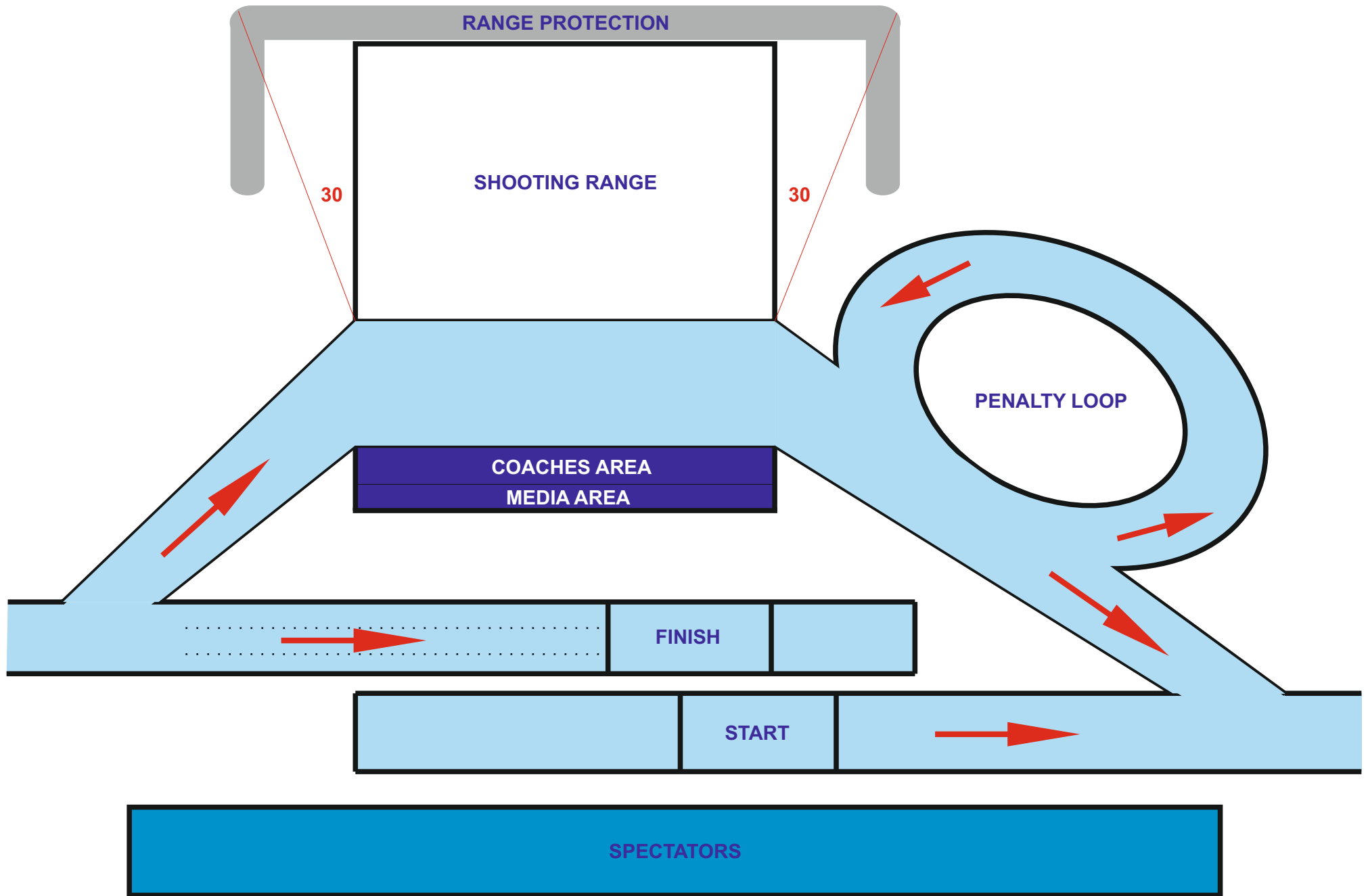
BIATHLON ORGANIZING COMMITTEE CHART



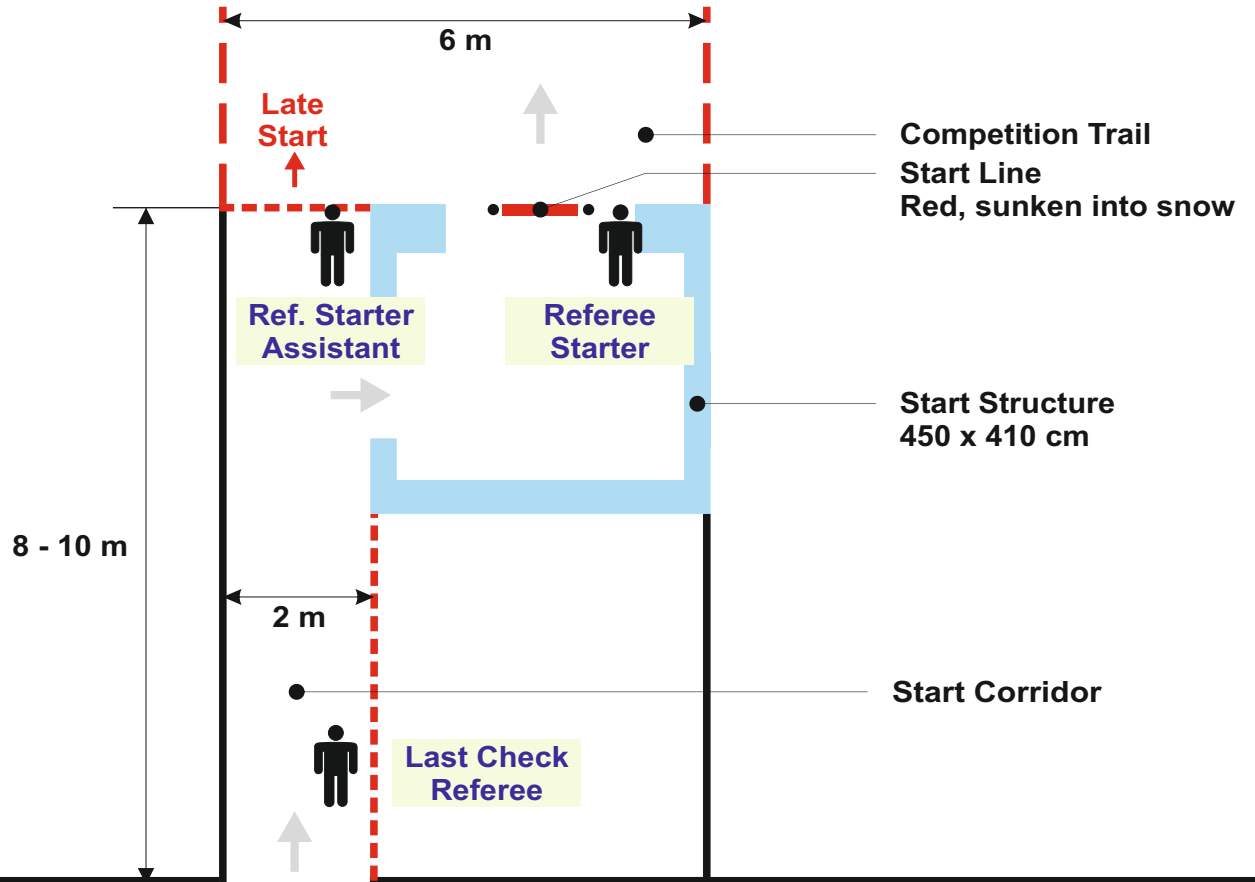
LOGISTIC COMMITTEE CHART



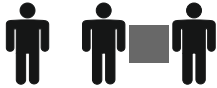
BIATHLON STADIUM



SINGLE START AREA



Transponders
Referees



WARM-UP AREA
With enough space for to store warm-up clothing,
and space for minimum 20 rifle racks



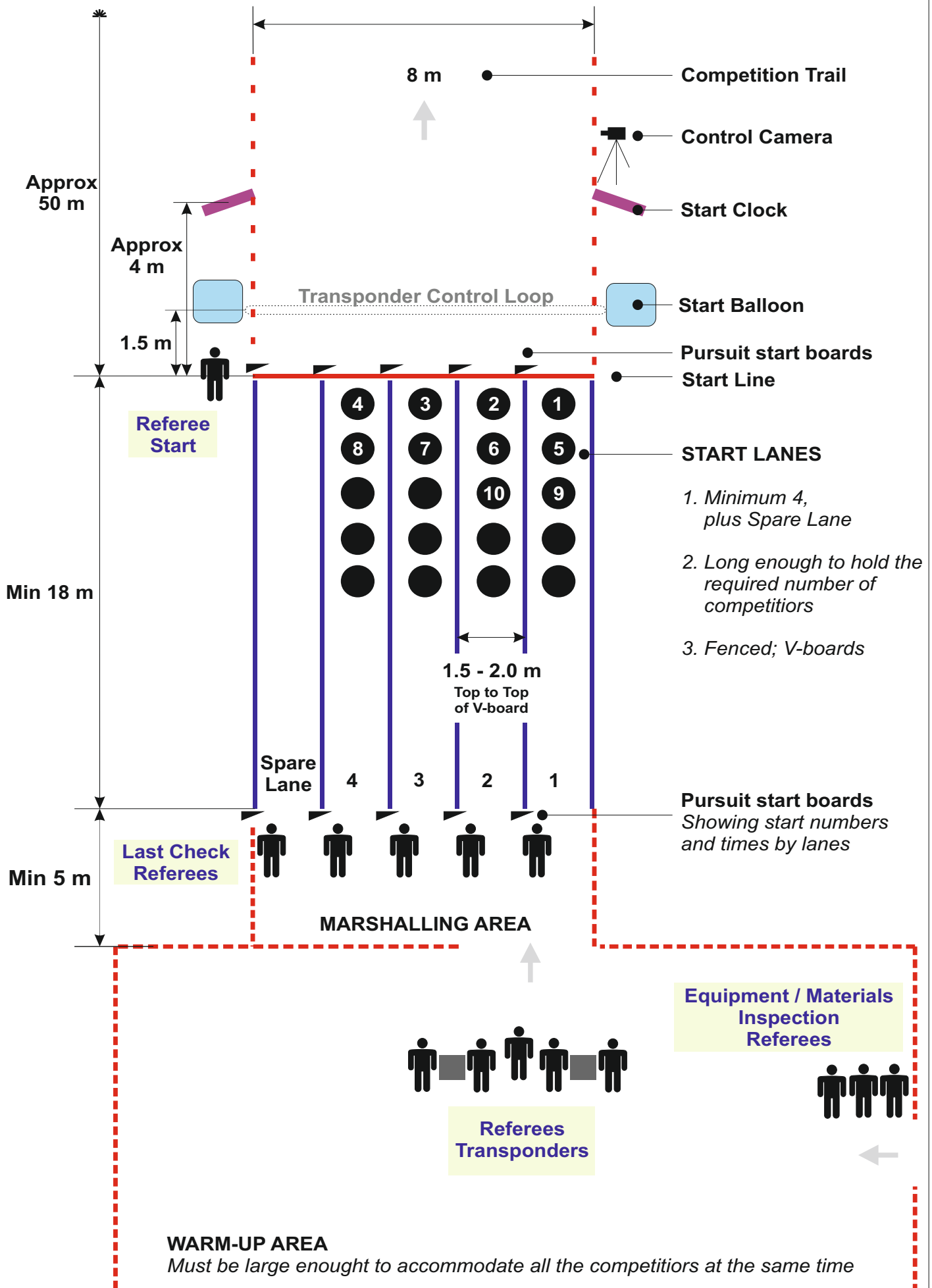
Clothes
Transport
Officials



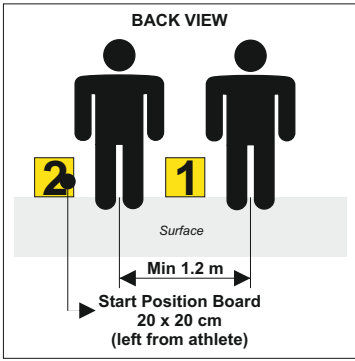
Equipment / Materials
Inspection
Referees



PURSUIT START AREA



MASS / RELAY START AREA



● Competition Trail

● End of Converge Area

50 m

Referee / Stopper



Min 1.2 m
Center to Center

Referee / Stopper

● End of Tracked Area

30 m

Referee
Starter & Assistant



● Start Balloon

● Row 1

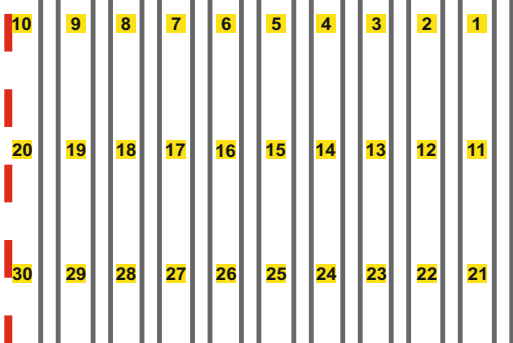
5 m

● Row 2

5 m

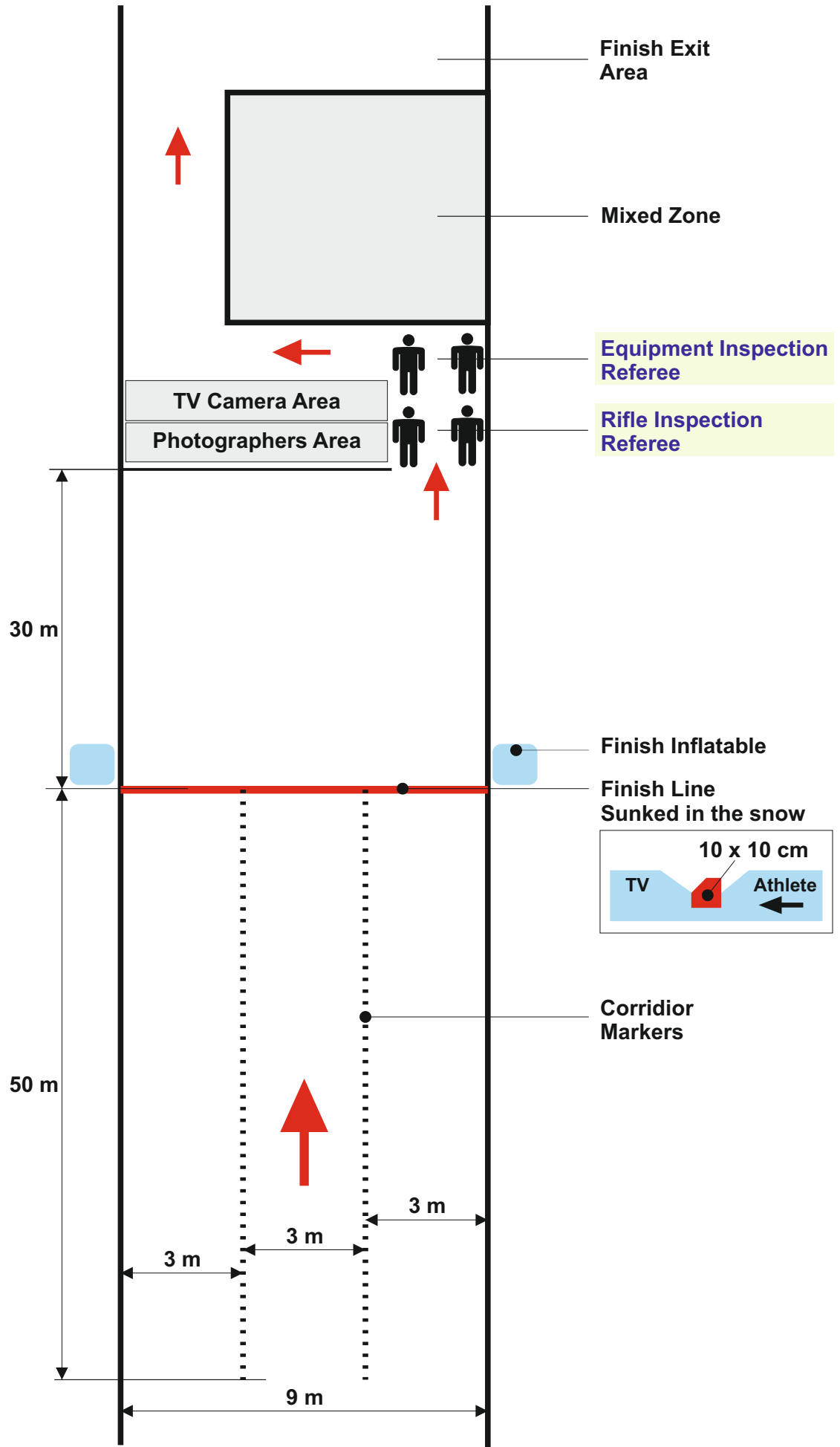
● Row 3

Referees
Last Control

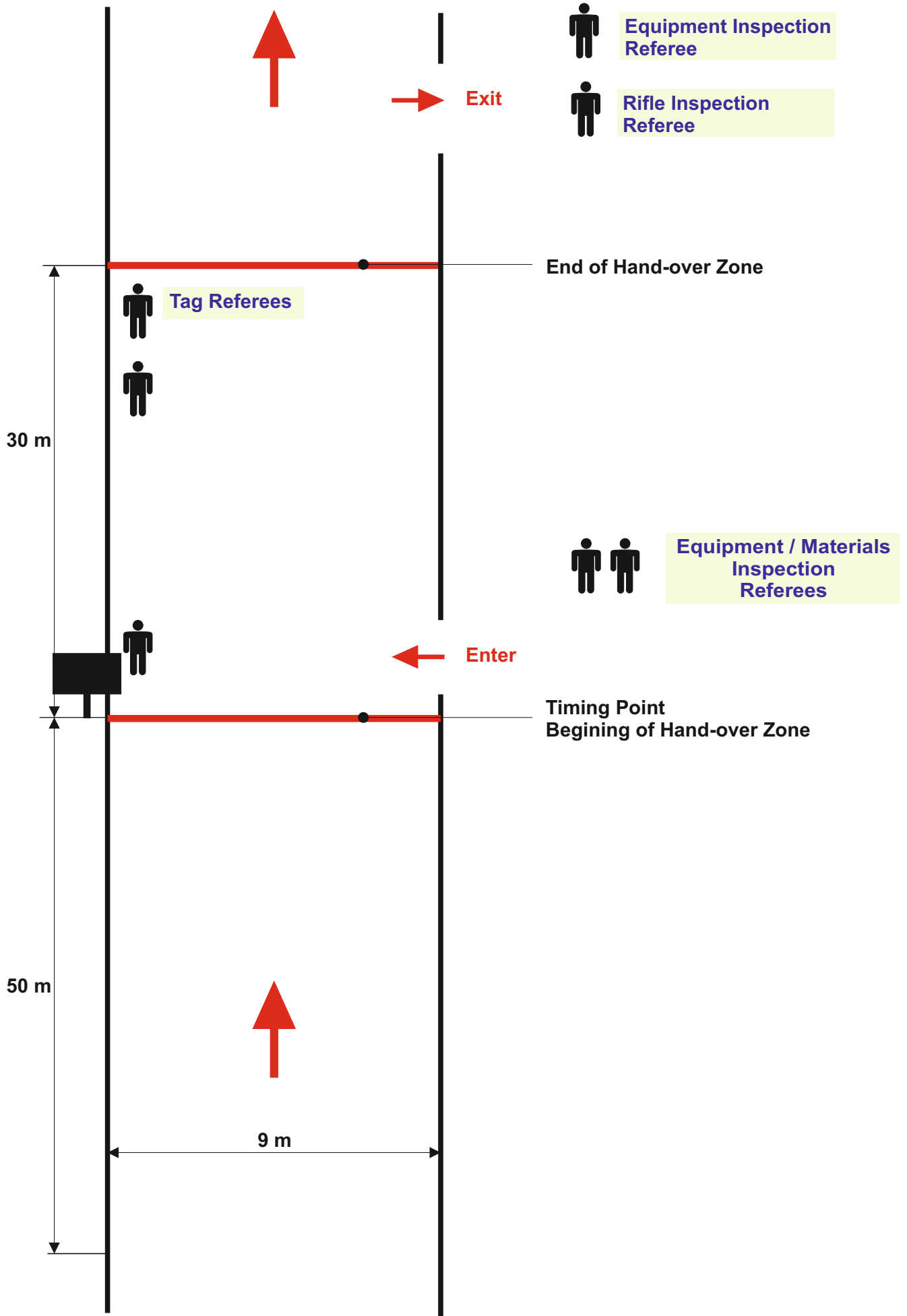


10 Parallel Start Tracks

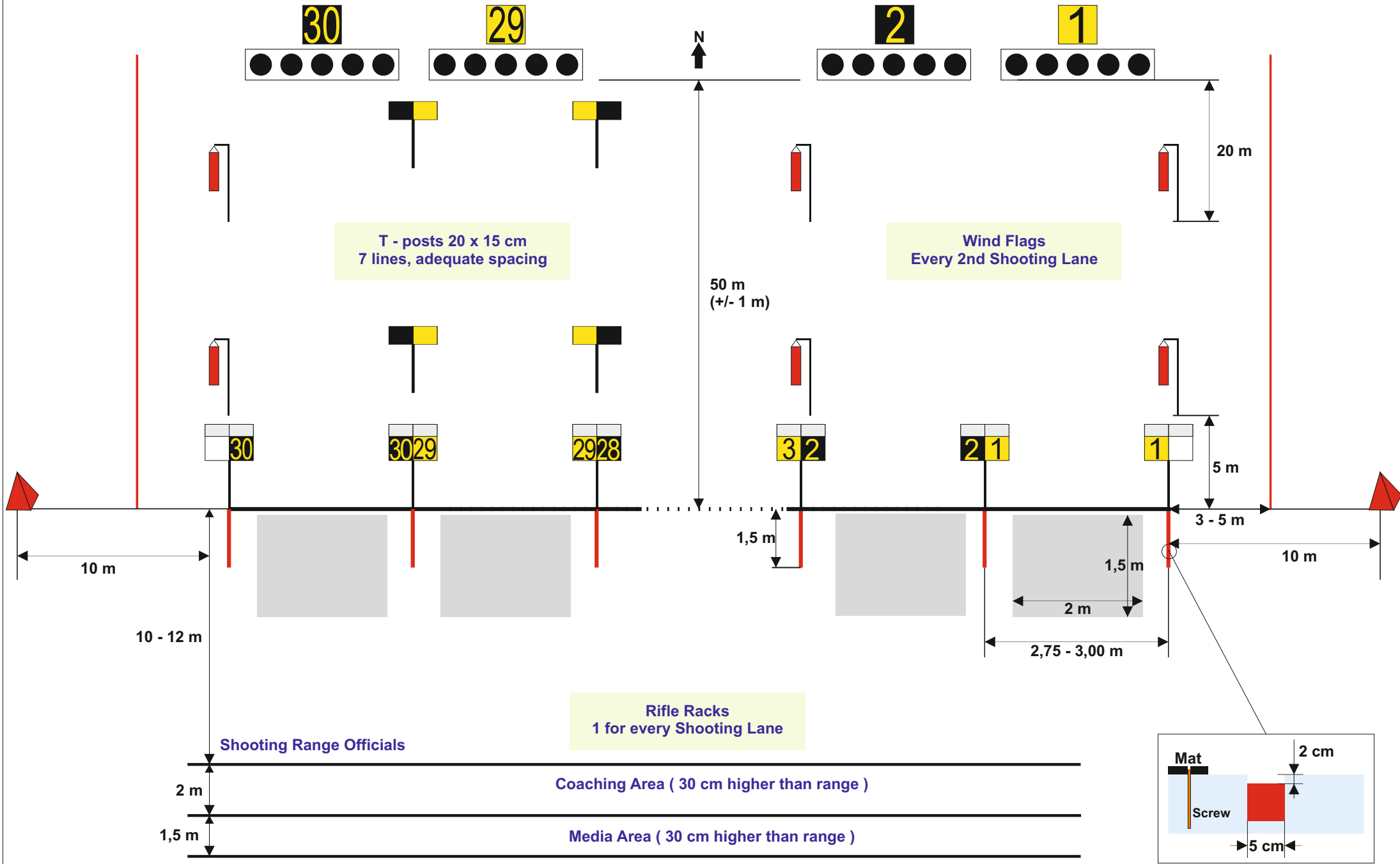
FINISH AREA



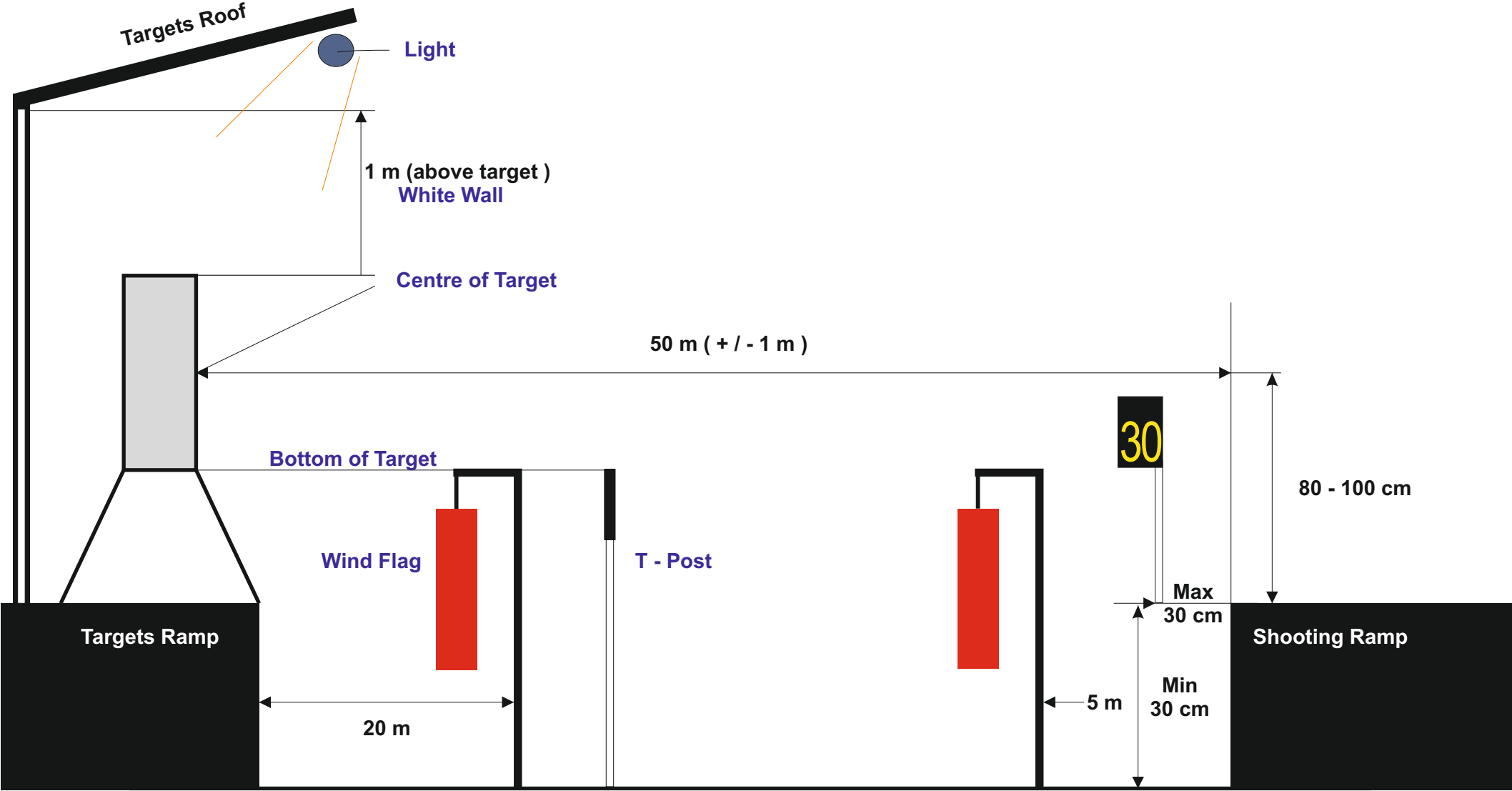
RELAY HAND-OVER ZONE



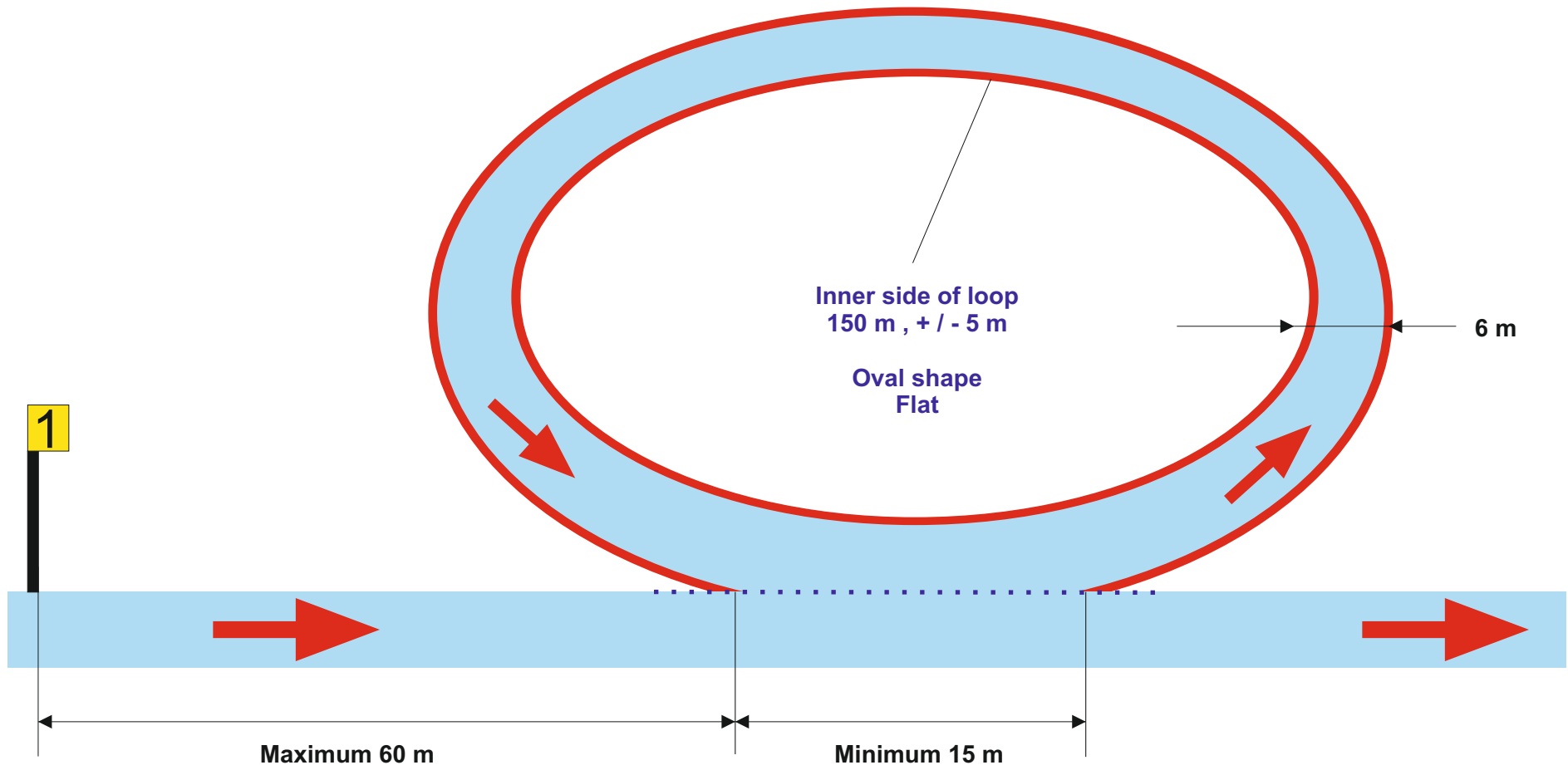
SHOOTING RANGE - Top view



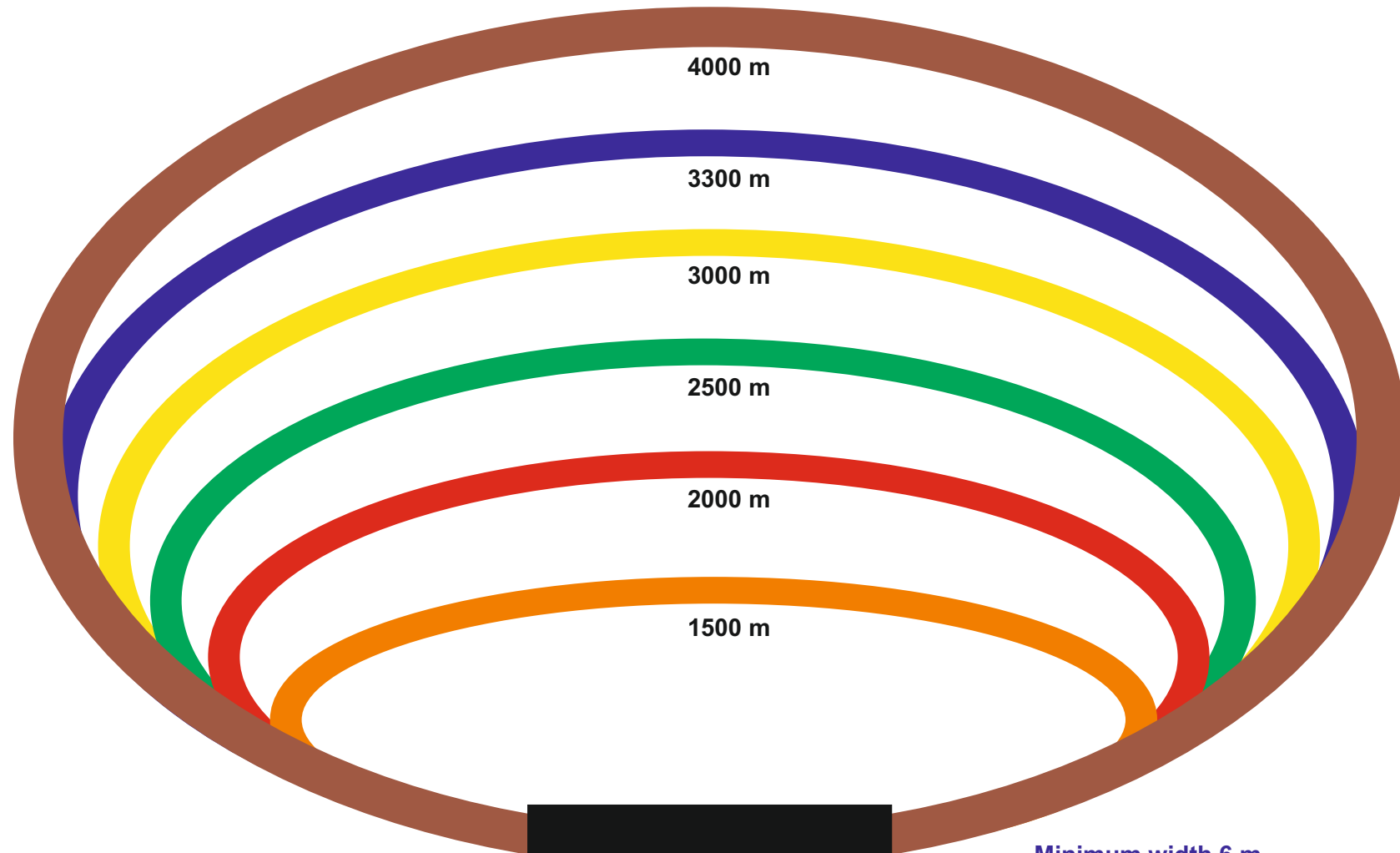
SHOOTING RANGE - Side view



PENALTY LOOP



COURSES



4000 m

3300 m

3000 m

2500 m

2000 m













1500 m

**BIATHLON
STADIUM**

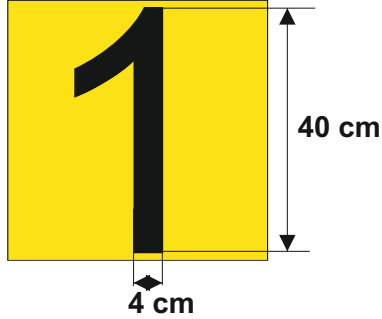
Minimum width 6 m.
Highest altitude point 1800 m.

Minimum width of roller ski course 3.5 m.

COURSES

Competition	Lenght	- 2 %	+ 5 %	Course	Total Climb	Color
MEN						
INDIVIDUAL	20,000 m	19,600 m	21,000 m	4,000 m	600 - 800 m	
SPRINT	10,000 m	9,800 m	10,500 m	3,300 m	300 - 450 m	
PURSUIT	12,500 m	12,250 m	13,125 m	2,500 m	350 - 500 m	
MASS START	15,000 m	14,700 m	15,750 m	3,000 m	400 - 600 m	
RELAY	4 x 7,500 m	7,350 m	7,875 m	2,500 m	200 - 300 m	
WOMEN						
INDIVIDUAL	15,000 m	14,700 m	15,750 m	3,000 m	400 - 600 m	
SPRINT	7,500 m	7,350 m	7,875 m	2,500 m	200 - 300 m	
PURSUIT	10,000 m	9,800 m	10,500 m	2,000 m	200 - 400 m	
MASS START	12,500 m	12,250 m	13,125 m	2,500 m	350 - 500 m	
RELAY	4 x 6,000 m	5,880 m	6,300 m	2,000 m	600 - 800 m	
WOMEN / MEN						
MIXED RELAY	W 4 x 6,000 m M 4 x 7,500 m	5,880 m 7,350 m	6,300 m 7,875 m	2,000 m 2,500 m	150 - 250 m 200 - 300 m	 

SHOOTING RANGE MARKINGS 1

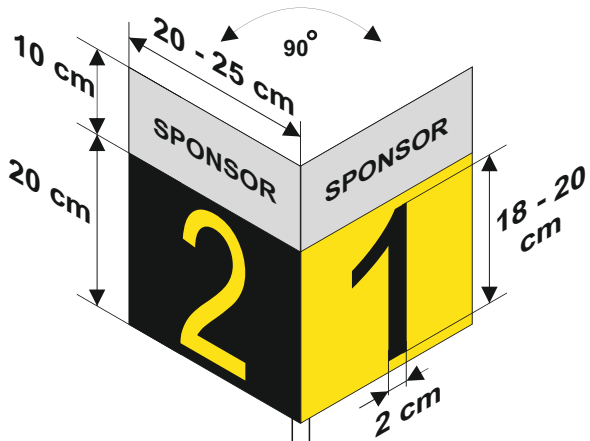


TARGET NUMBER

Recommendable dimensions of plate
45 x 45 cm

Immediately above center of target

SHOOTING LANE NUMBER



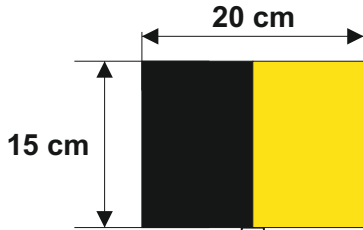
NUMBER POST
40 cm high
(ground to number bottom)
1 - 2 cm tick
white

STAND / PRONE MARK



SHOOTING RANGE MARKINGS 2

T - POST LANE MARKERS



POST

White

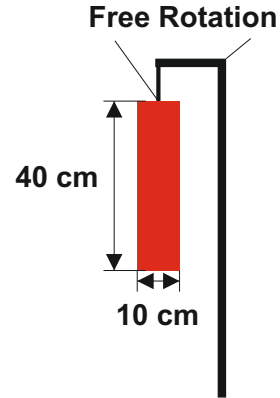
7 lines
between ramp and target



60 x 30 cm



WIND FLAG



Maximum weight 5 g.
Adjustable post high.
Silk or similar material.
Highly visible color.

60 x 30 cm

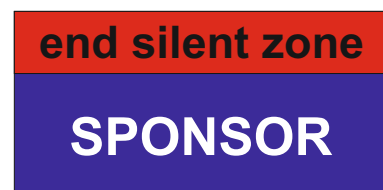


RANGE MARKINGS WC & WCH

60 x 30 cm



60 x 30 cm



COURSE MARKINGS 1

60 x 30 cm

50 m
to finish

60 x 30 cm

100 m
to finish

60 x 30 cm

**PENALTY
LOOP** 
 **COURSE**

60 x 30 cm

100 m
to shooting

60 x 30 cm

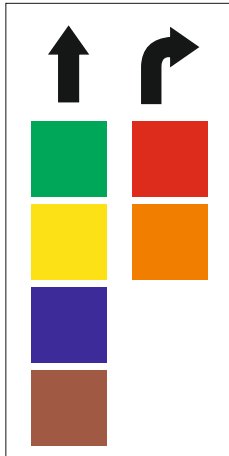
100 m
to hand-over

60 x 30 cm

**hand-over
zone**

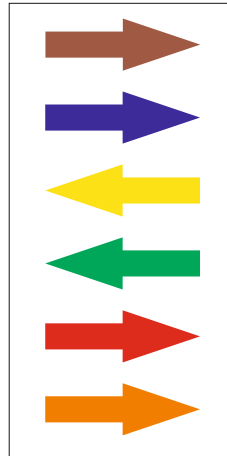
COURSE MARKINGS 2

30 x 60 cm



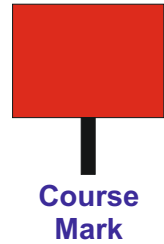
Course Crossings A

30 x 60 cm

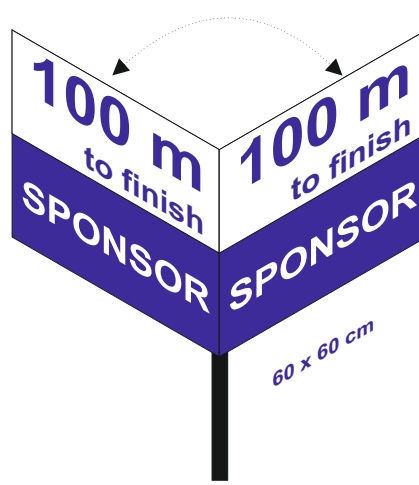
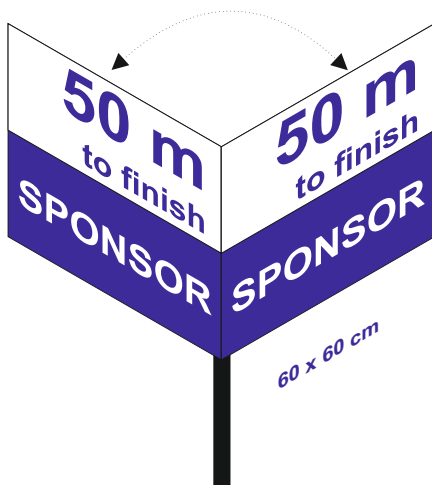


Course Crossings B

20 x 15 cm



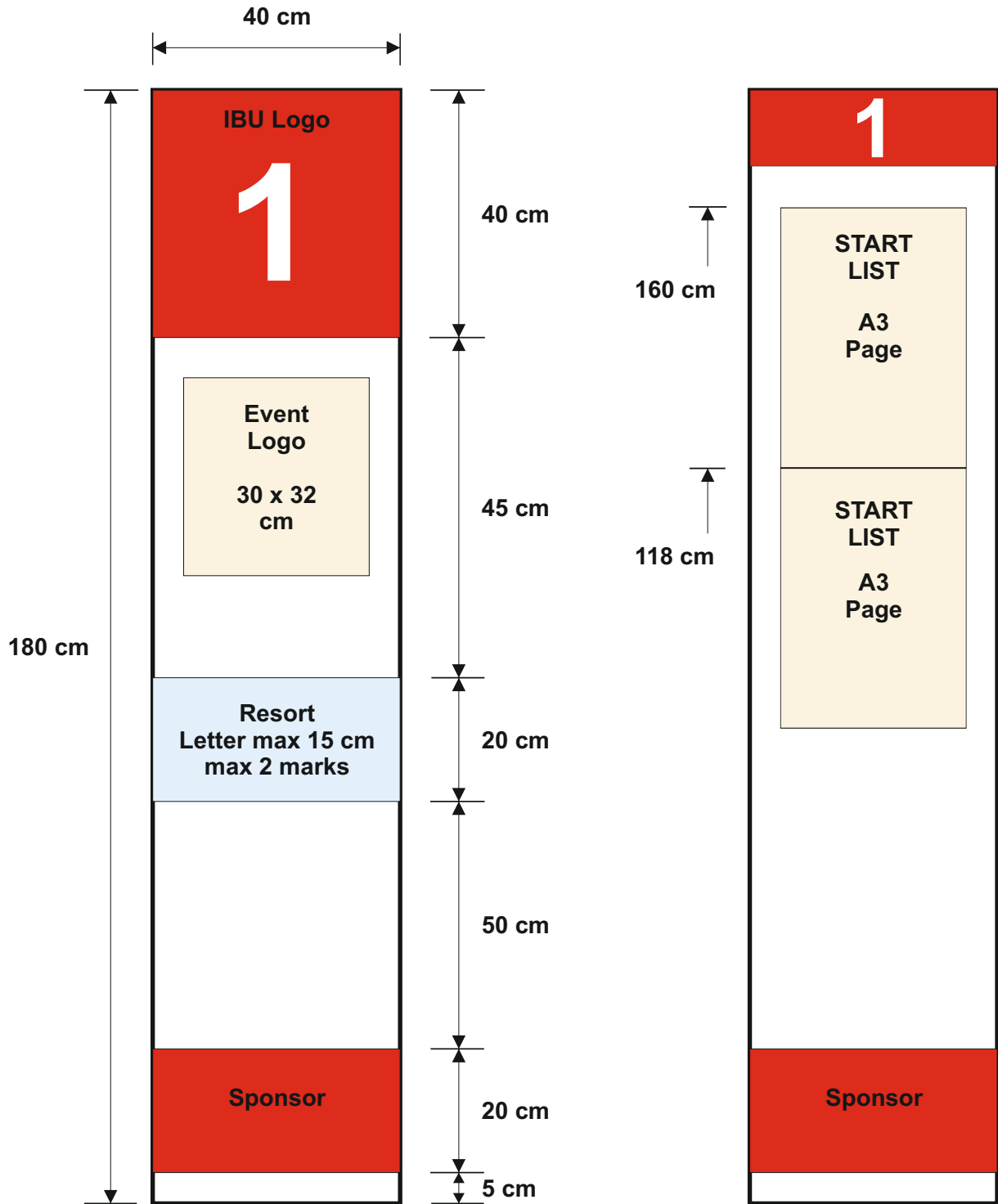
COURSE MARKINGS WC & WCH



PURSUIT START BOARD - Start Line

FRONT SIDE

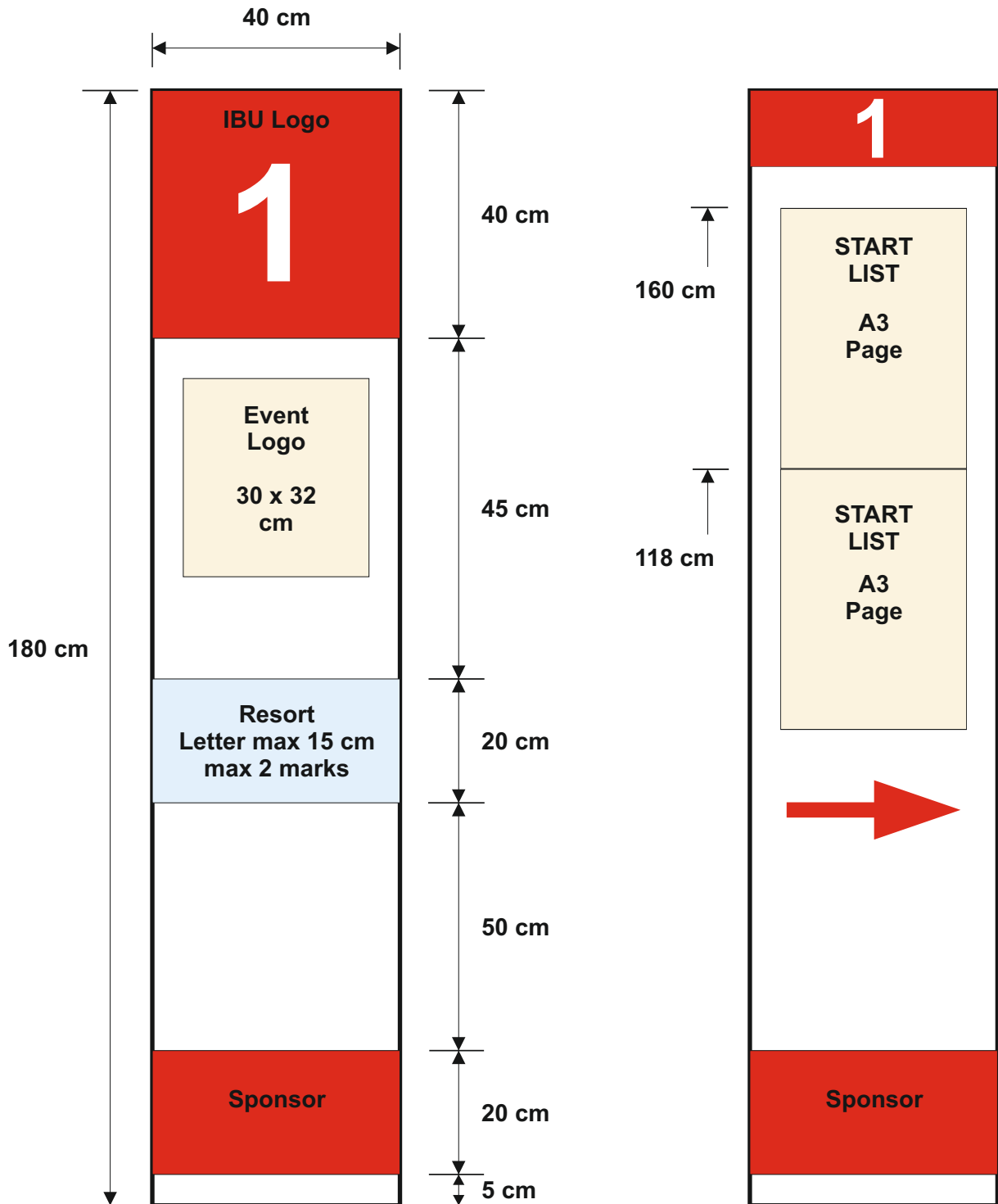
BACK SIDE



PURSUIT START BOARD - Lane Entrance

FRONT SIDE

BACK SIDE



DIVERSE MARKINGS / DIRECTIONS

60 x 30 cm

**COMPETITION
OFFICE**



60 x 30 cm

**SKI TEST
AREA**

60 x 30 cm

**EQUIPMENT /
MATERIAL
INSPECTION**

60 x 90 cm

INFO

60 x 30 cm

TO START



15 x 90 cm

1
2
3
4
5
9a
Z
Y

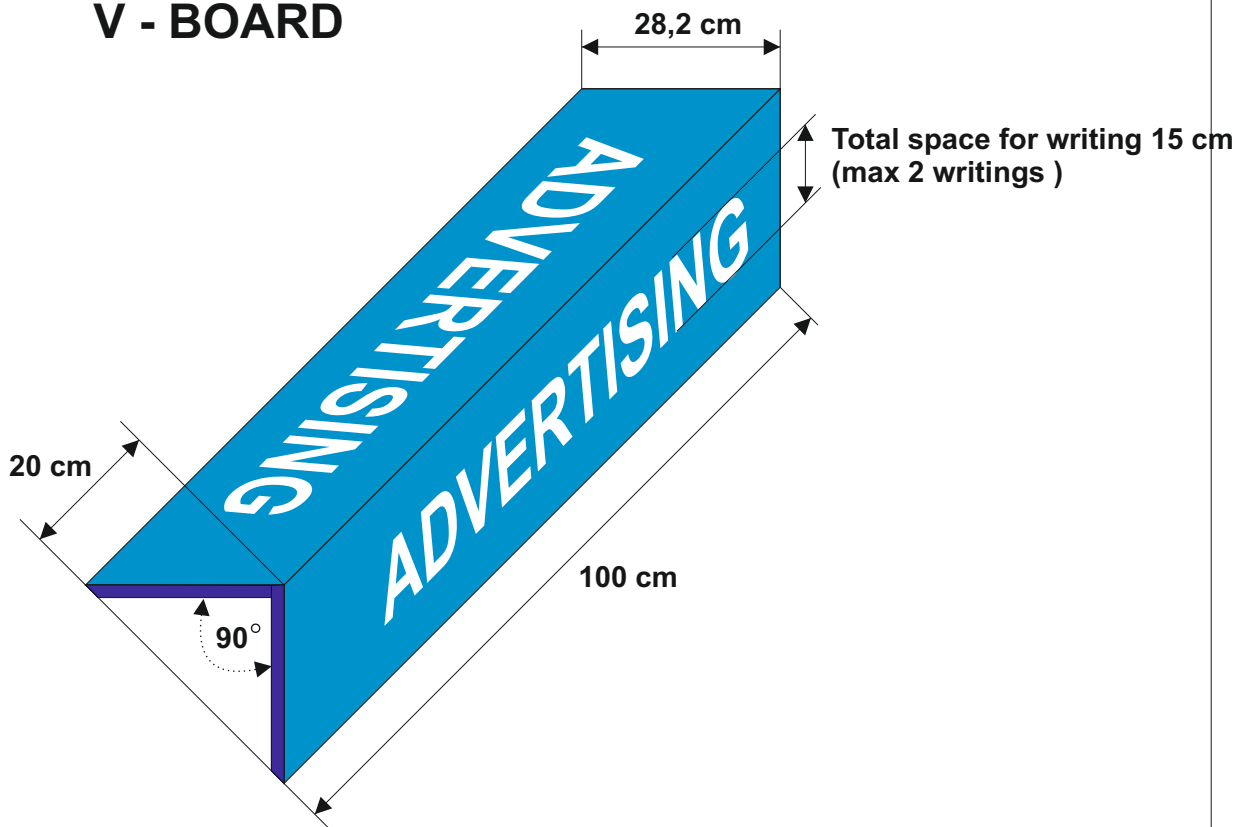
30 x 15 cm

JURY ROOM

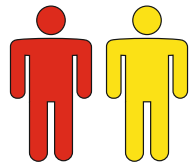
30 x 15 cm

**8
ANTI-DOPING**

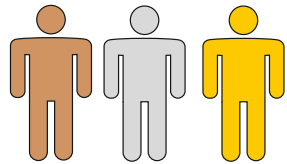
V - BOARD



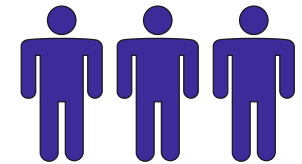
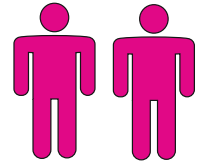
FLOWER CEREMONY AREA



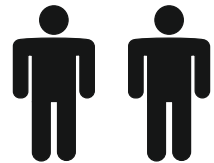
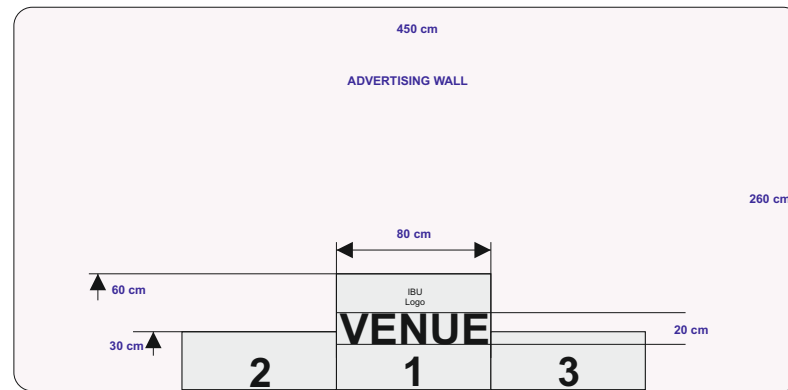
Athlets



Acompanion Persons



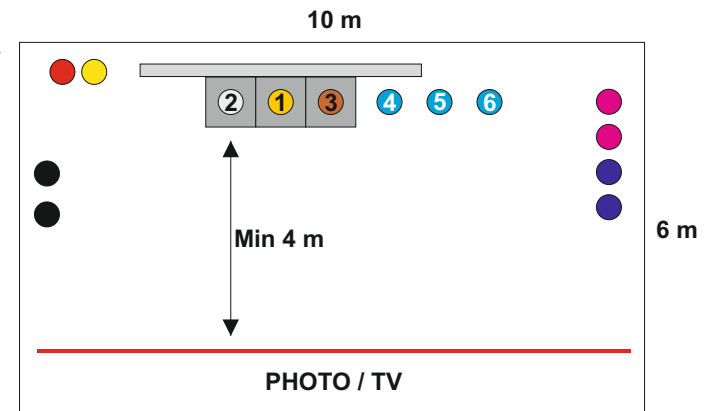
Presenters



Ceremony Chief Announcer

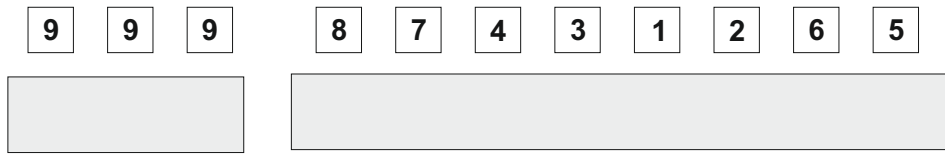
PHOTO / TV

Top view

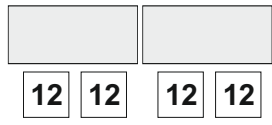
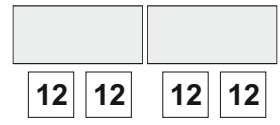
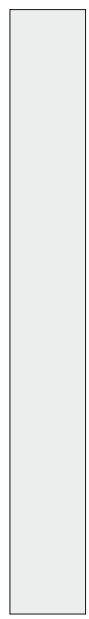


TCs MEETING ROOM

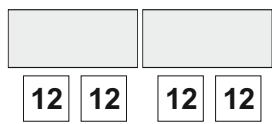
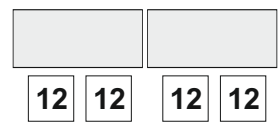
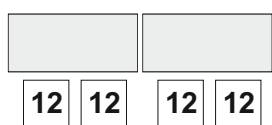
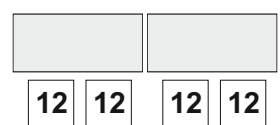
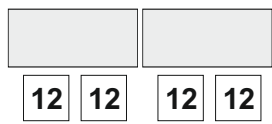
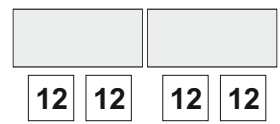
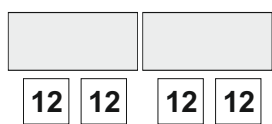
Screen



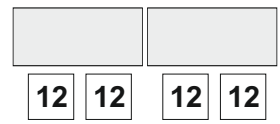
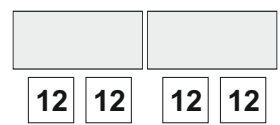
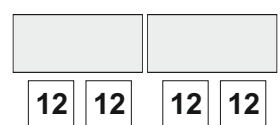
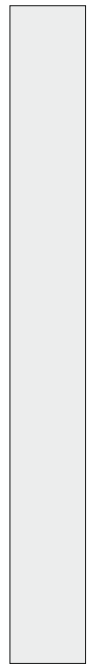
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- 15
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- 15
- 15

- 1 IBU EB Official Representative
- 2 Chief of Competition
- 3 IBU Technical Delegate
- 4 IBU Race Director / Asst.
- 5 Competition Secretary
- 6 OC President
- 7 Reserve
- 8 Reserve
- 9 Translators (ENG, GER, RUS)
- 10 IBU IRs
IBU Medical Delegate / Asst.
IBU EB Members
IBU HQ Officials
- 11 OC Competition Areas Chiefs
OC Logistic Chiefs
- 12 Team Captains / at least 1 per NF
- 13 Timing Service
- 14 Technician
- 15 Media

SHOOTING LANE RECORD

Official Name

NAME SURNAME

MEN

WOMEN

MIXED

Individual

Sprint

Pursuit

Mass Start

Relay

Date

01.01.2010

Lane numbers from

1

to

3

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
			X	X	X	X	X			
26	PRONE <input checked="" type="checkbox"/> STAND	2	X	X	X	X	X	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: black; color: red; text-align: center; line-height: 30px;">X</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: black; color: red; text-align: center; line-height: 30px;">X</div> </div>	2	
			3-SPARES							
					41					

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
			X	X	X	X	X			
56	PRONE <input checked="" type="checkbox"/> STAND	1	X	X	X	X	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: black; color: red; text-align: center; line-height: 30px;">X</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>	1	One shot not fired!	
			3-SPARES							
					29					

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>		
			3-SPARES							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>		
			3-SPARES							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>		
			3-SPARES							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>		
			3-SPARES							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: white;"></div> </div>		
			3-SPARES							