



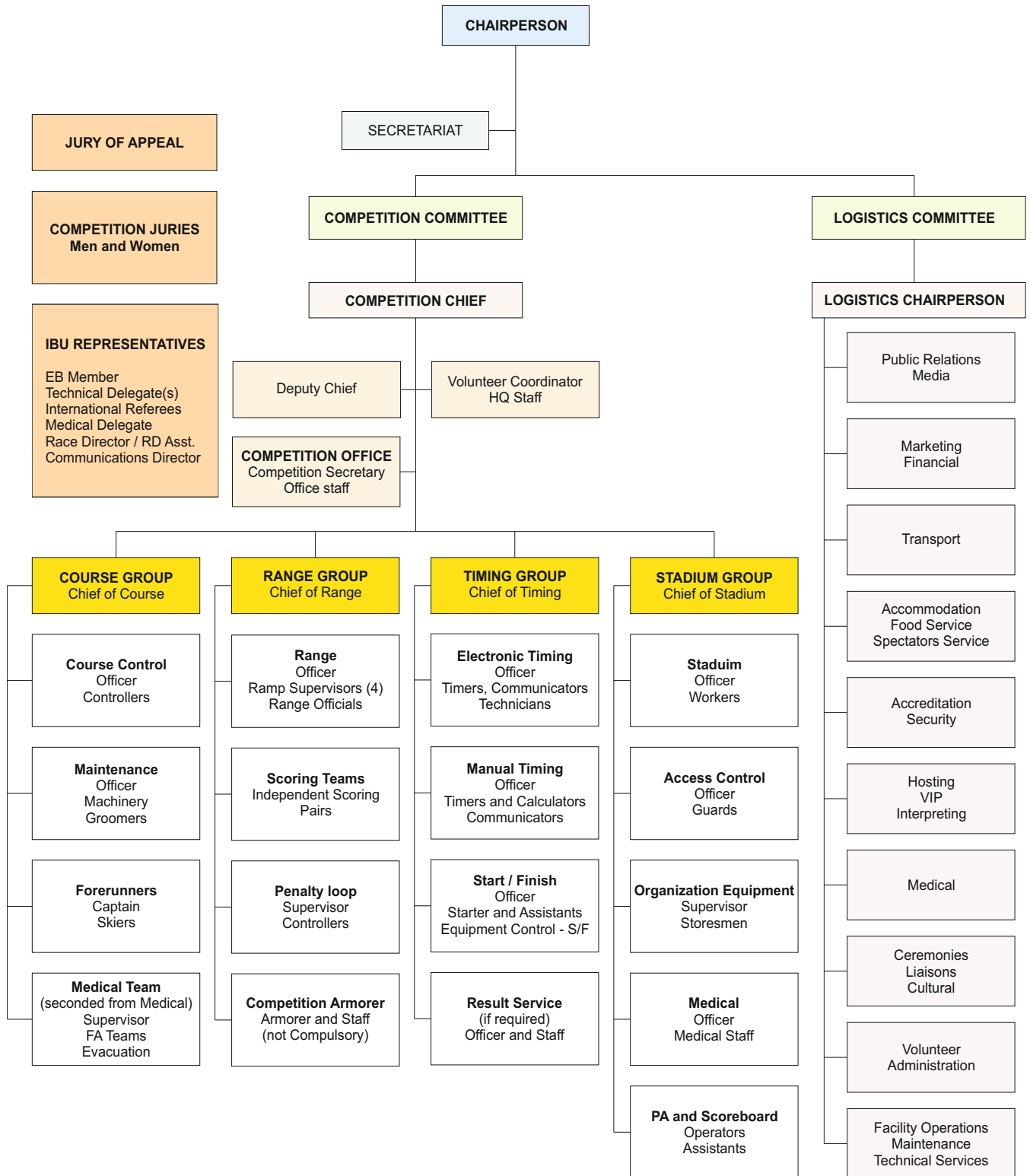
IBU

OC Guidelines

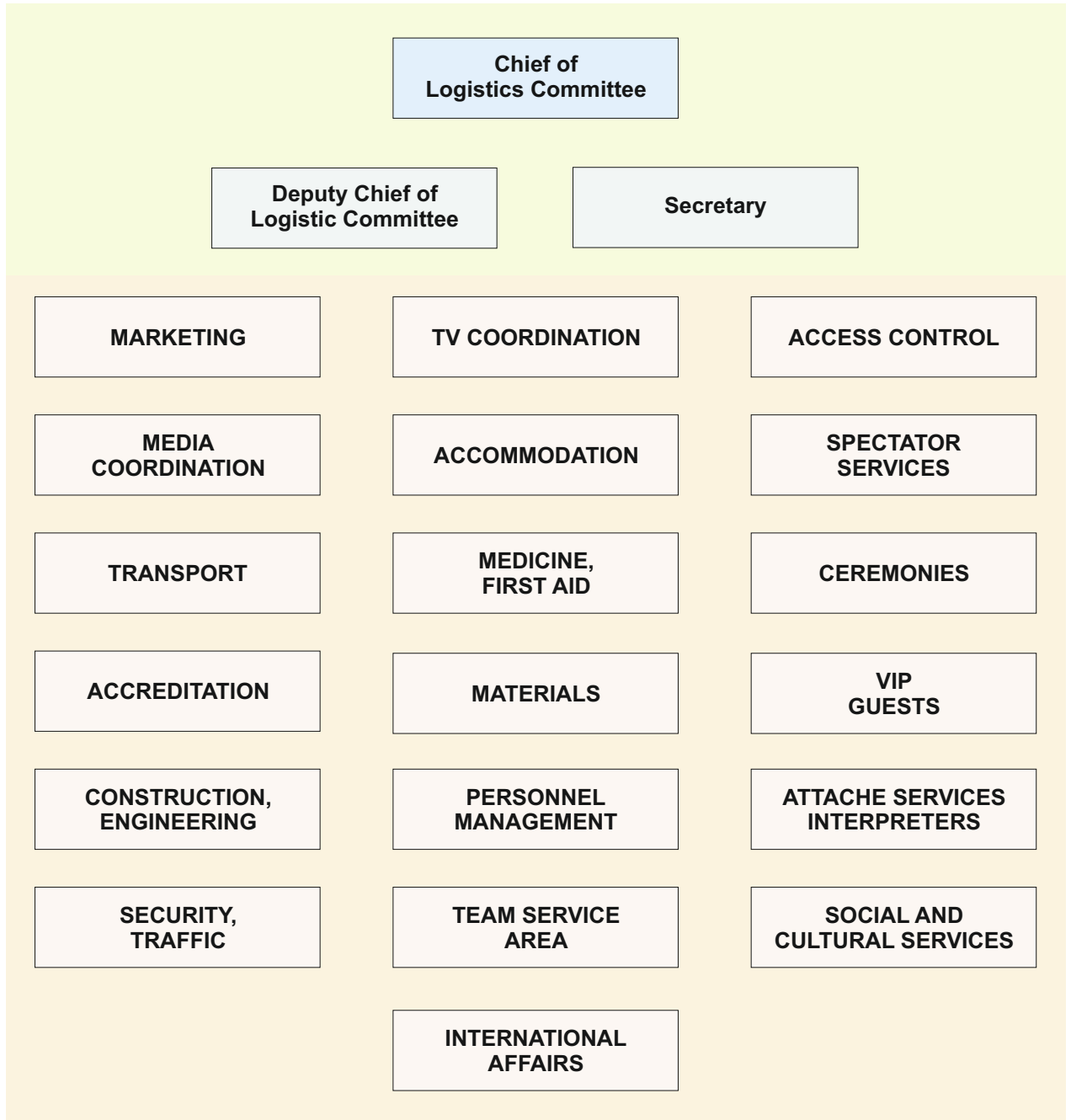
GRAPHICS

UP-DATE OCT 2015

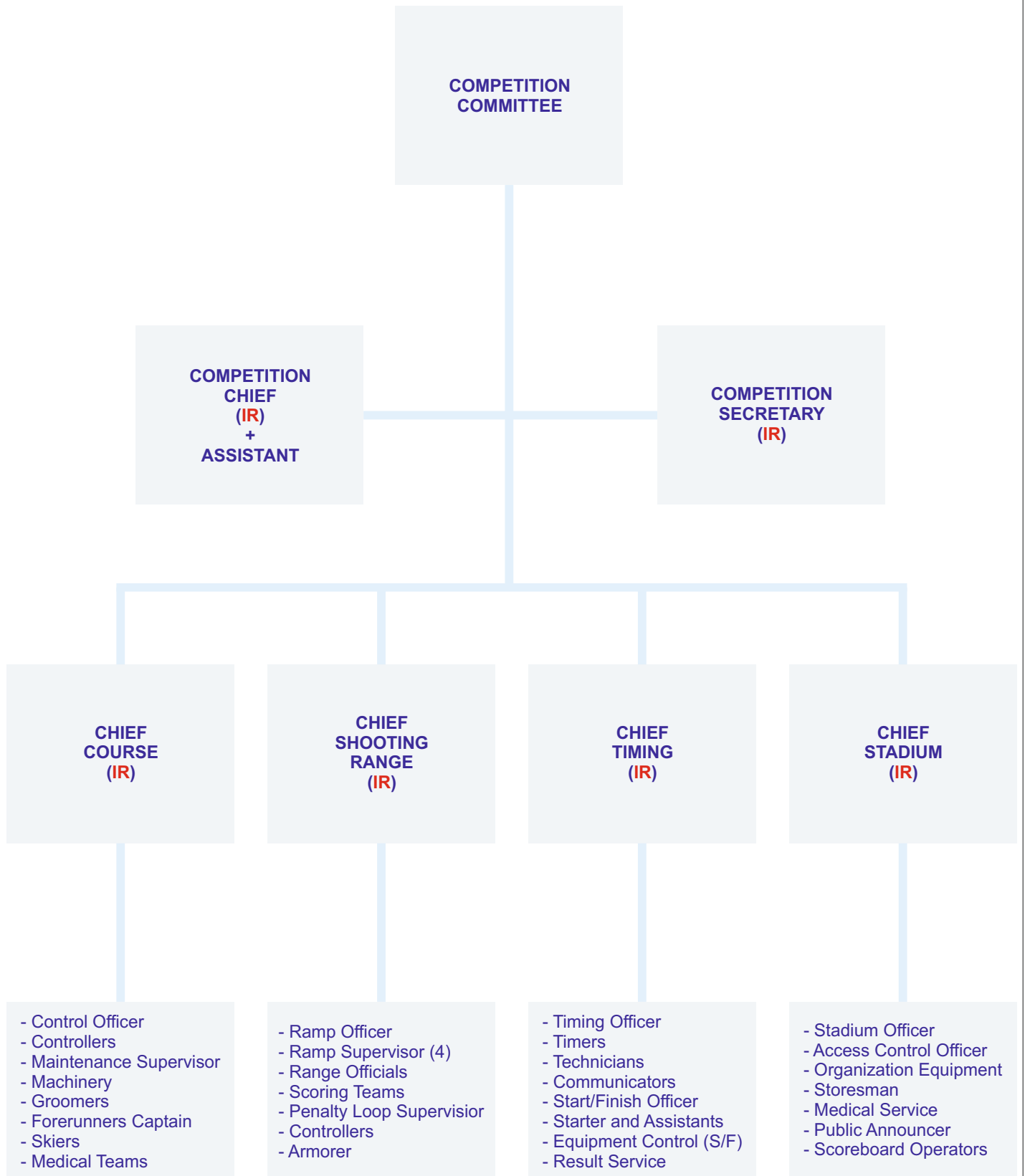
BIATHLON ORGANIZING COMMITTEE CHART



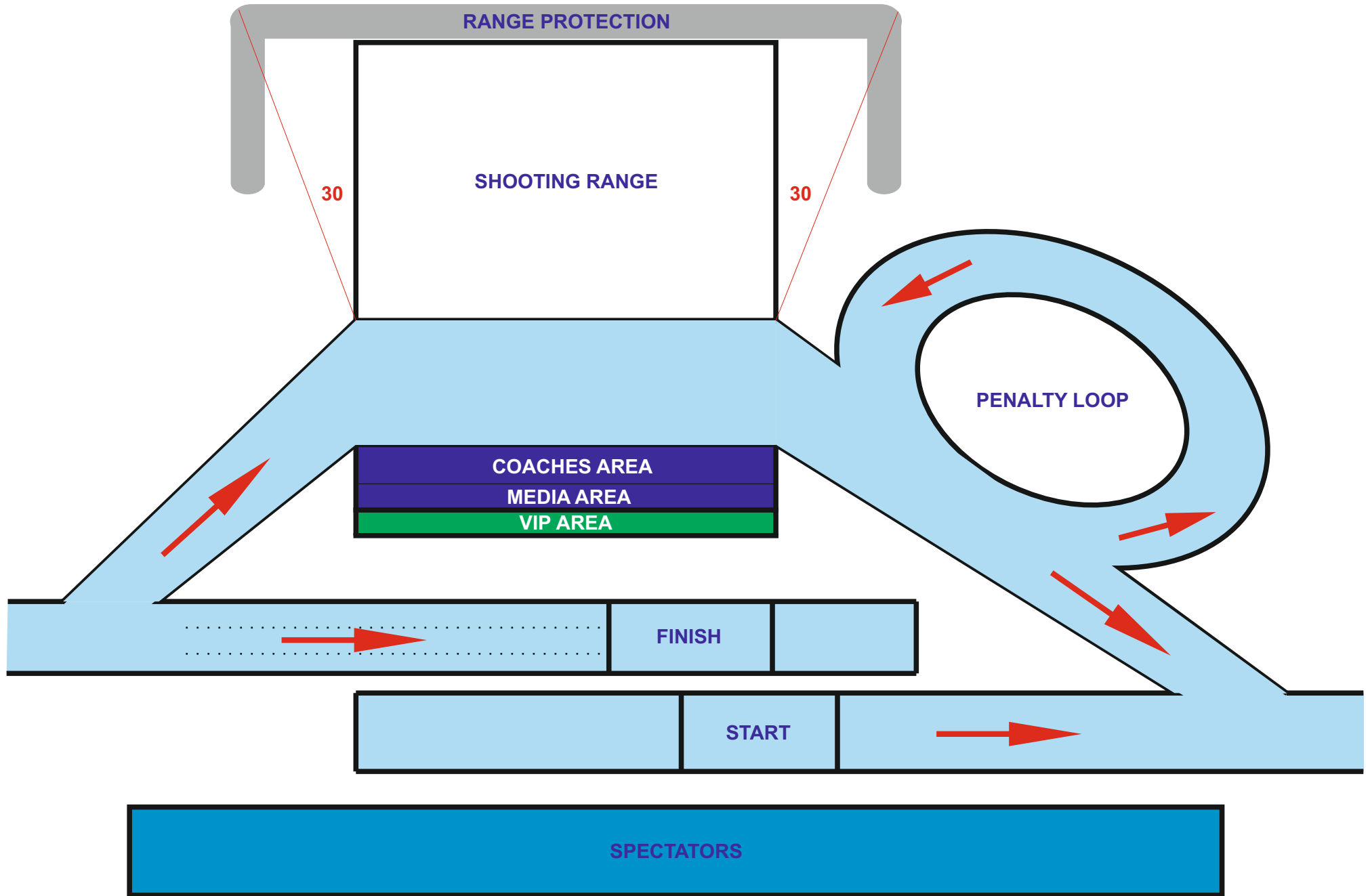
LOGISTIC COMMITTEE CHART



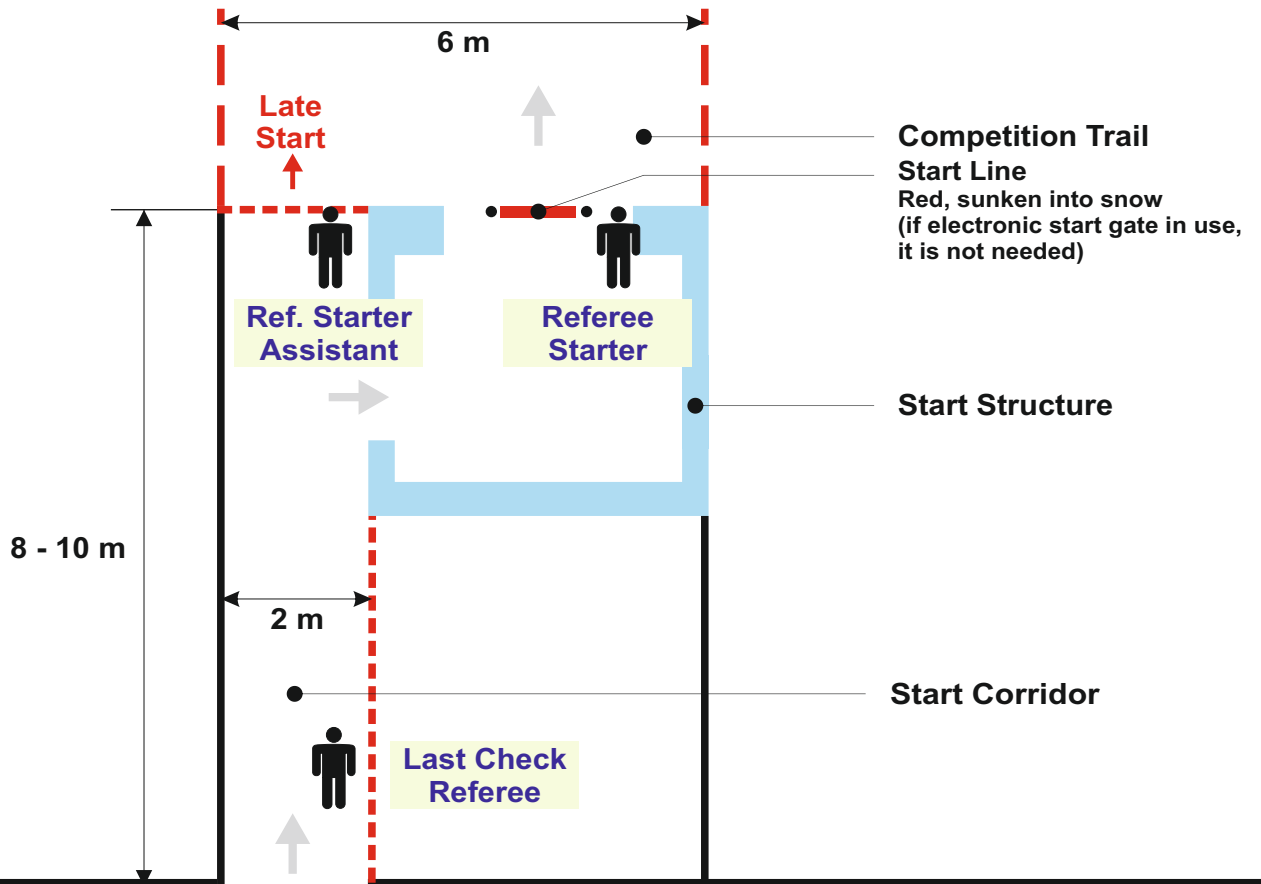
COMPETITION COMMITTEE CHART



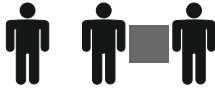
BIATHLON STADIUM



SINGLE START AREA



Transponders
Referees



Course Info board
Showing the course
in use

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



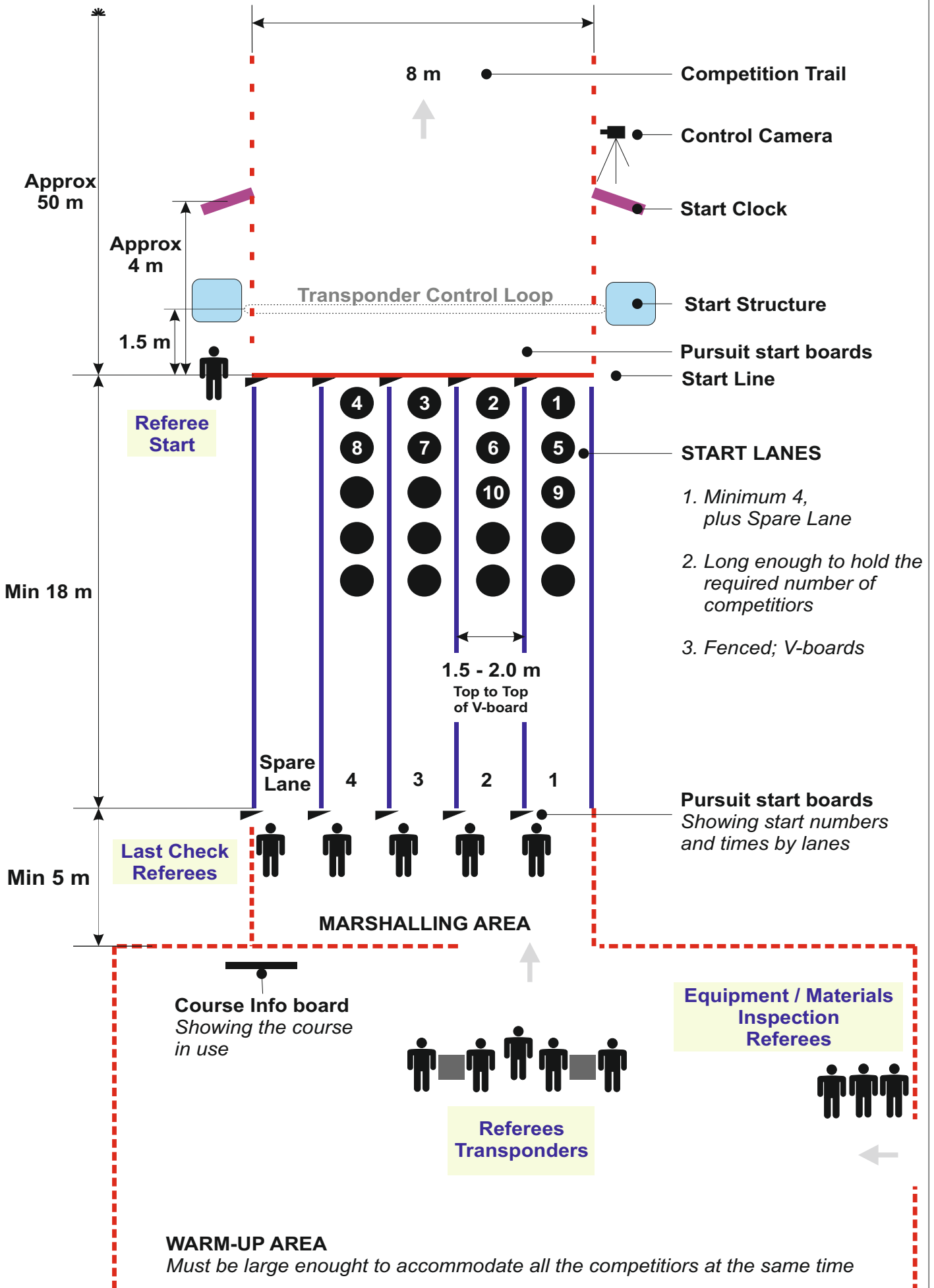
Clothes
Transport
Officials



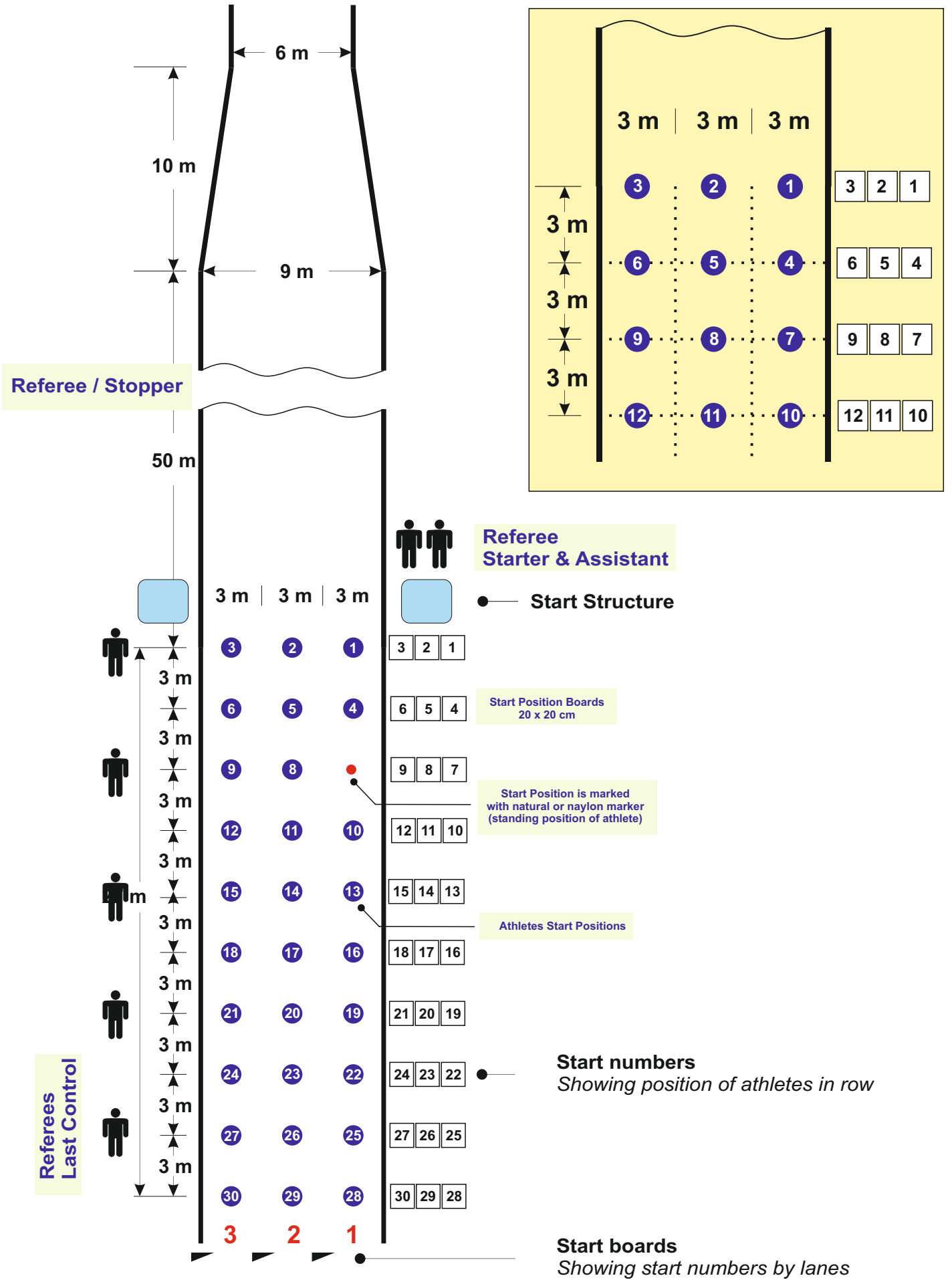
Equipment / Materials
Inspection
Referees



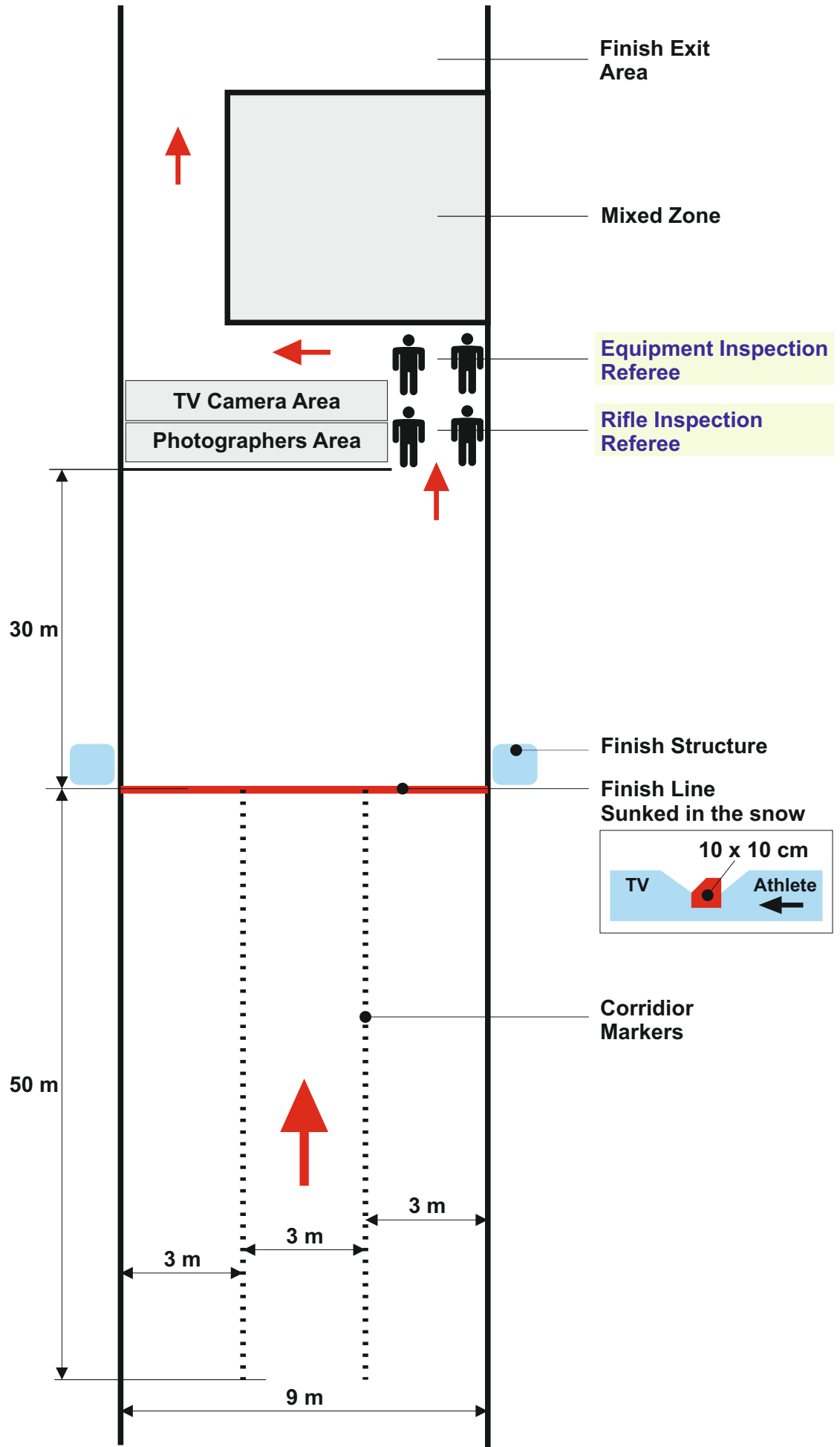
PURSUIT START AREA



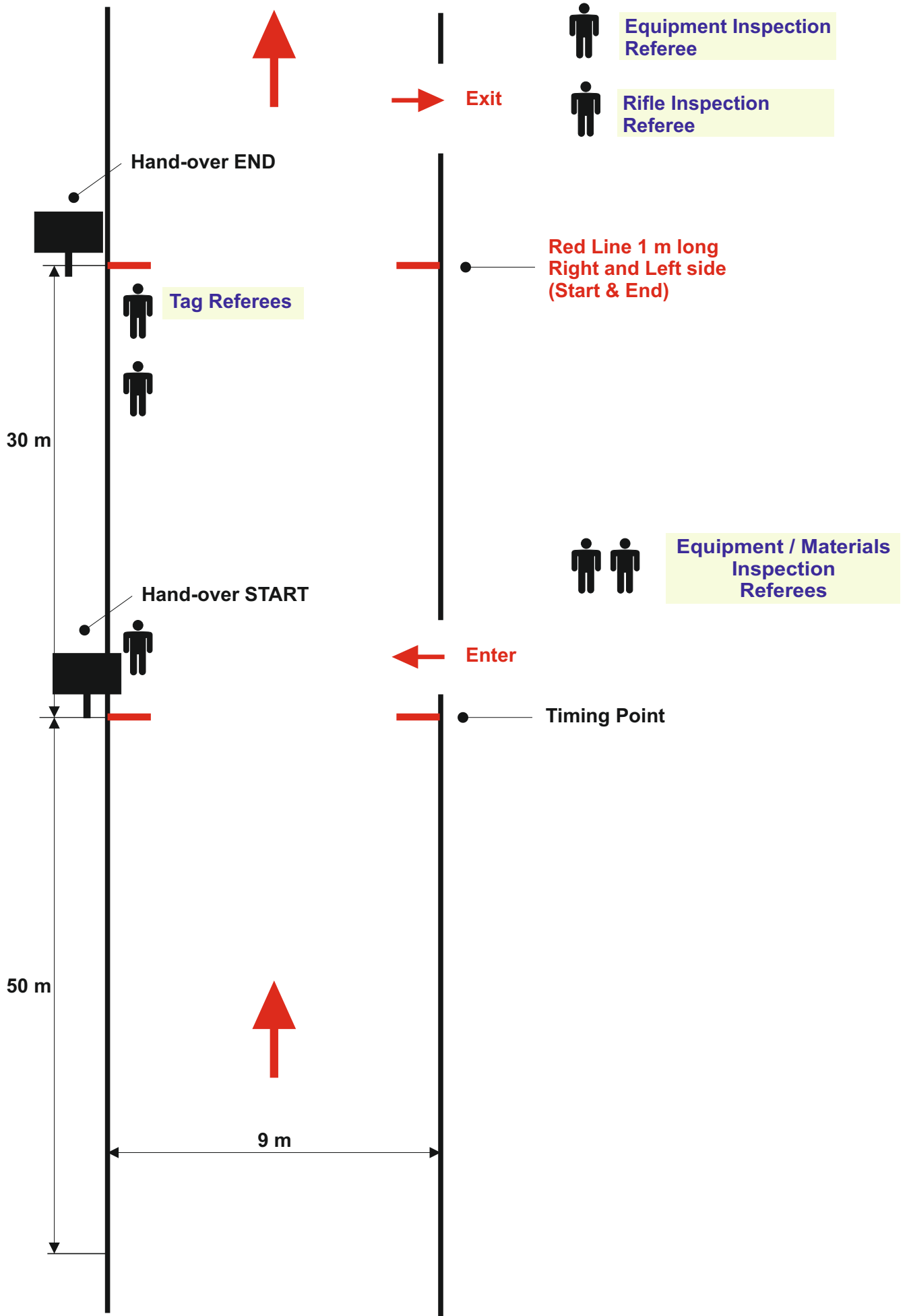
MASS / RELAY START AREA



FINISH AREA



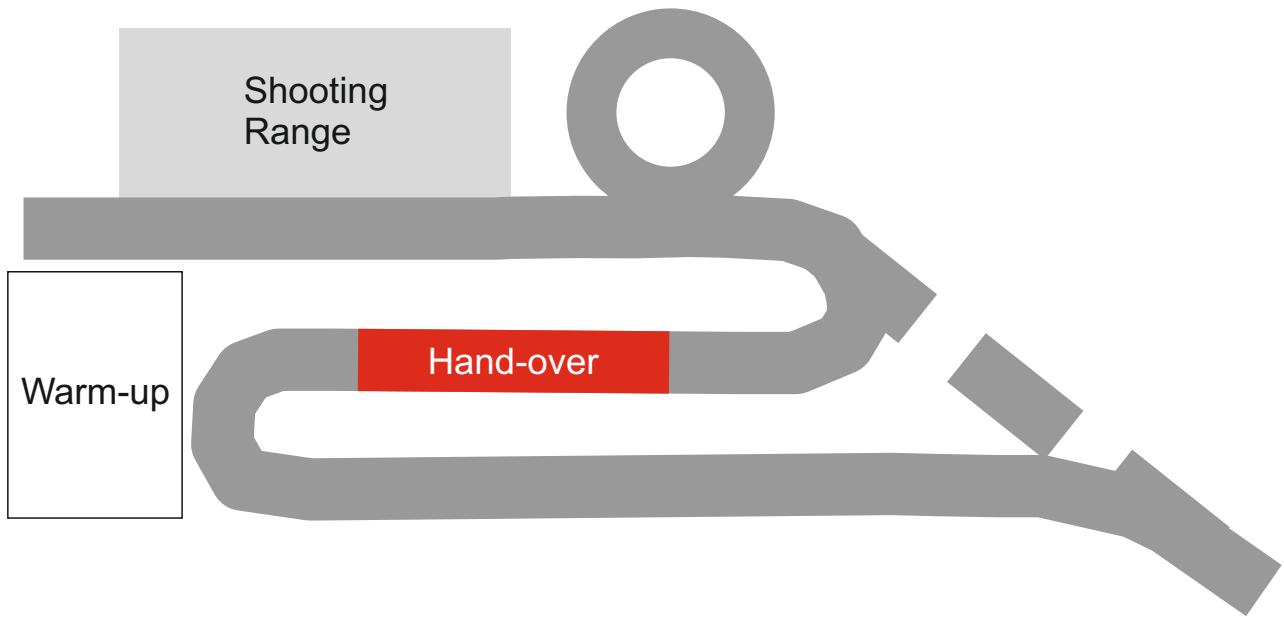
RELAY HAND-OVER ZONE



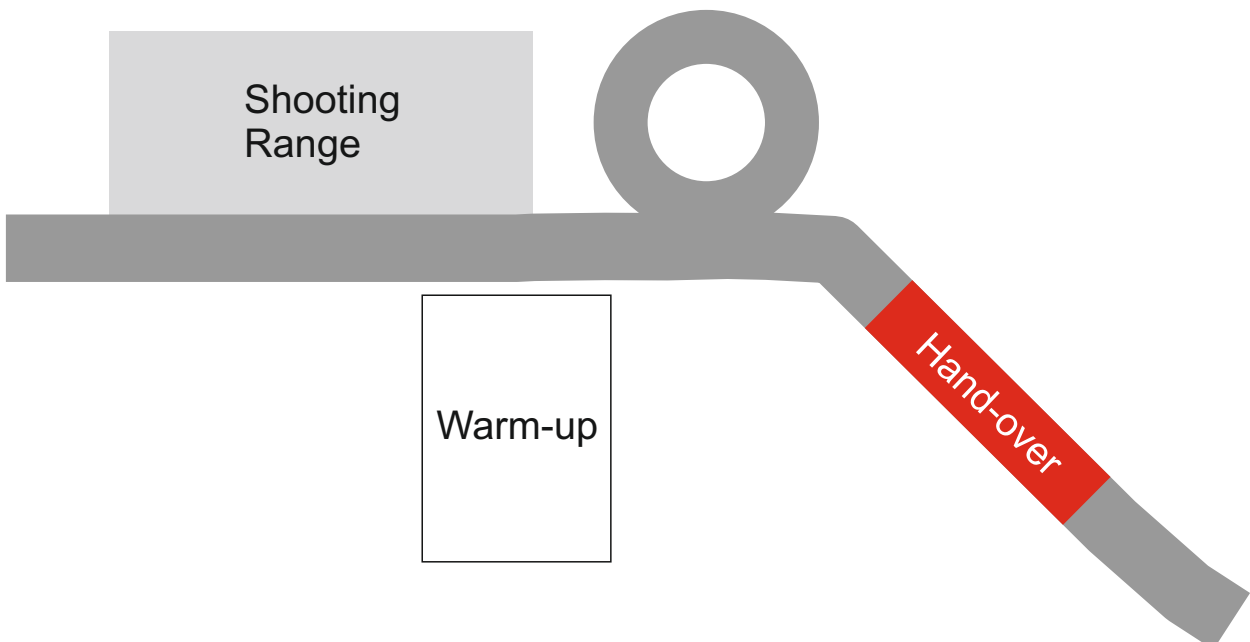
SINGLE MIXED RELAY SET-UP

* Set-up of Single Mixed Relay stadium varies from venue to venue.
When planning, all possibilities have to be considered
(penalty loop, warm-up zone, hand over zone, start, finish, length of course)

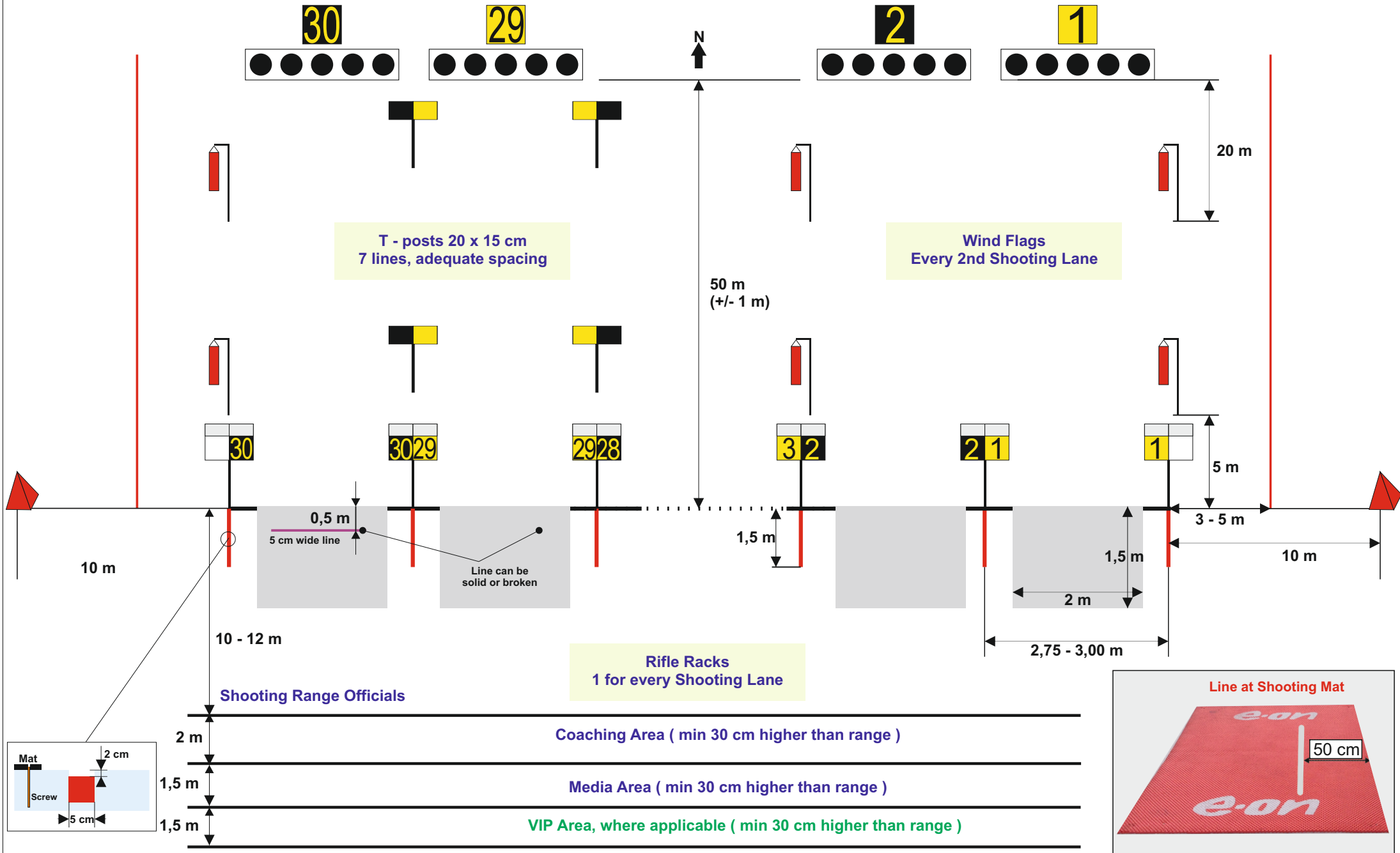
a) Hand-over zone in the middle of stadium (additional course)



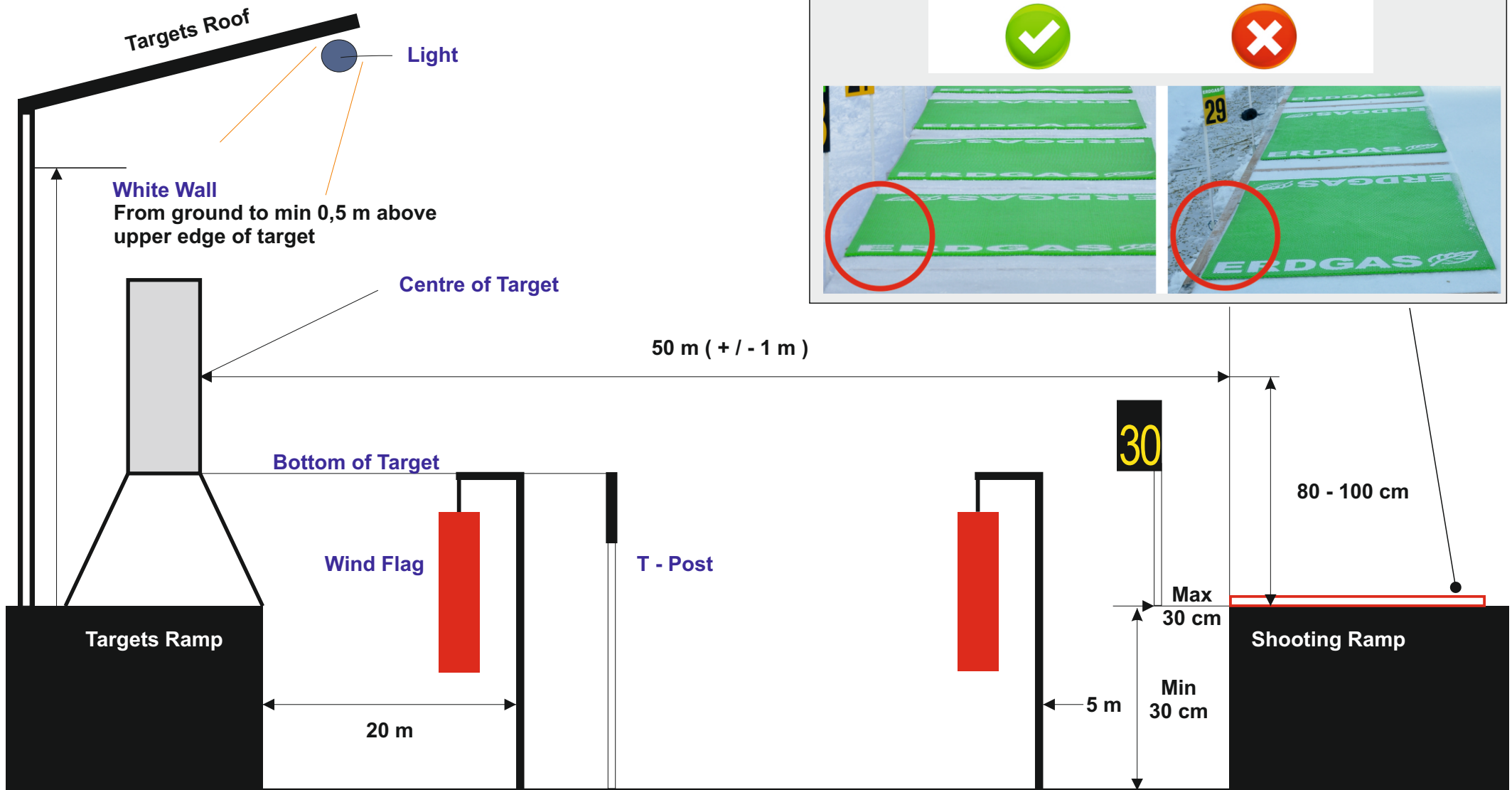
b) Hand-over zone right after penalty loop (original course)



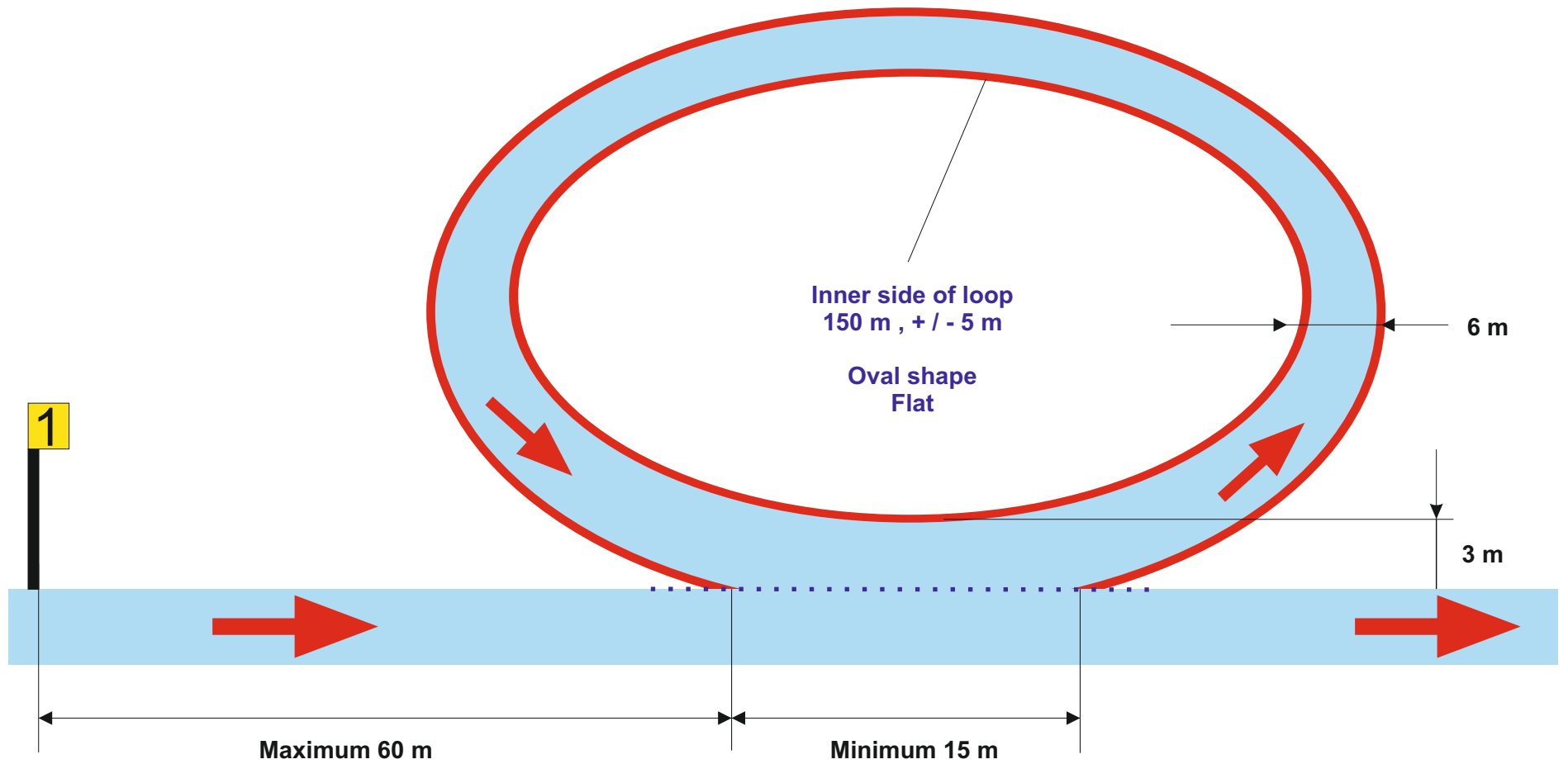
SHOOTING RANGE - Top view



SHOOTING RANGE - Side view



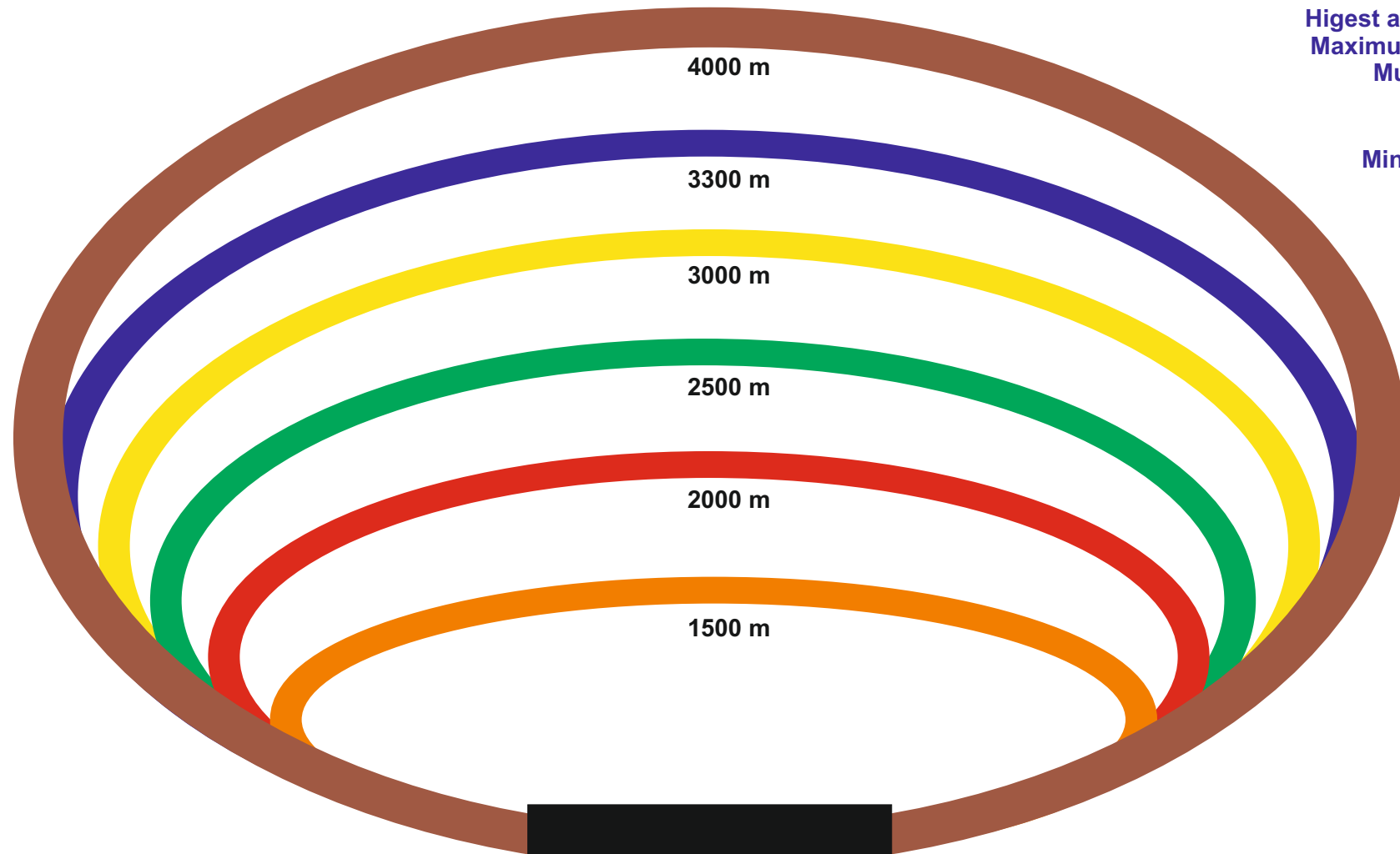
PENALTY LOOP



COURSES

Minimum width 6 m
Highest altitude point 1800 m
Maximum climb grade 25%
Mumimum uphill 50 m







Minimum width of roller
ski course 3.5 m



BIATHLON
STADIUM

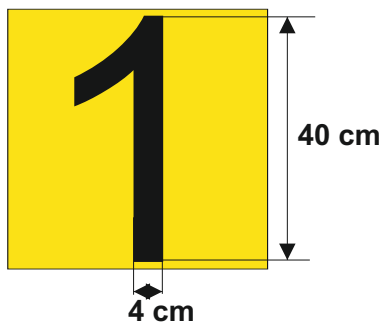
Warm-up loop
400 m / close to stadium

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	150 - 250 m	
WOMEN / MEN						
MIXED RELAY	W 2 x 6,000 m	5,880 m	6,300 m	2,000 m	150 - 250 m	
	M 2 x 7,500 m	7,350 m	7,875 m	2,500 m	200 - 300 m	
SINGLE MIXED RELAY	W 1 x 6,000 m M 1 x 7,500 m	5,880 m 7,350 m	6,300 m 7,875 m	1,500 m 1,500 m		

SHOOTING RANGE MARKINGS 1

COLOR: black/yellow or other contrasting colors as app. by the IBU

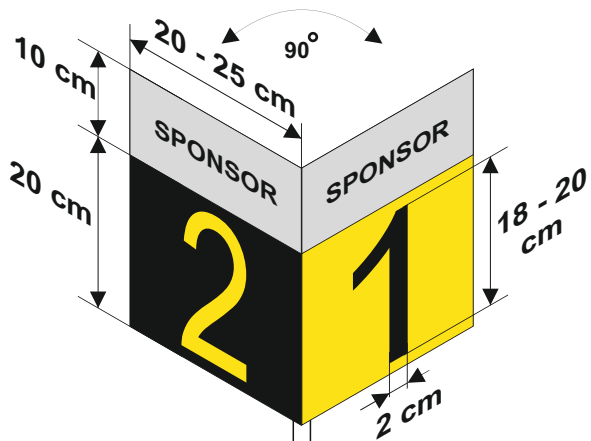


TARGET NUMBER

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

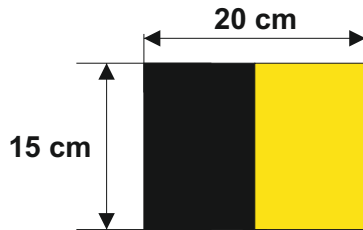
STAND / PRONE MARK



SHOOTING RANGE MARKINGS 2

COLOR: black/yellow or other contrasting colors as app. by the IBU

T - POST LANE MARKERS



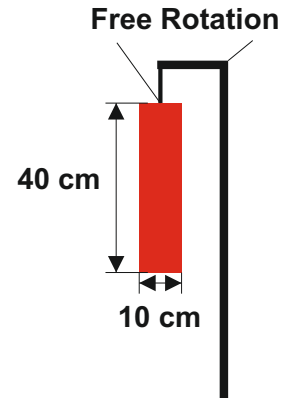
POST

White

7 lines
between ramp and target



WIND FLAG



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

COLOR: contrasting colors

60 x 30 cm

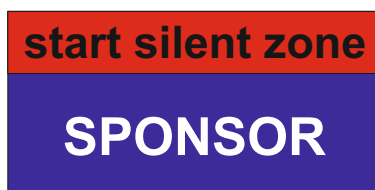


60 x 30 cm

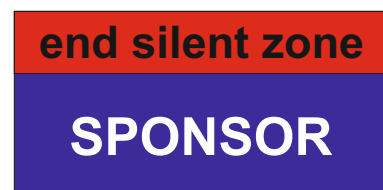


RANGE MARKINGS WC & WCH

60 x 30 cm



60 x 30 cm



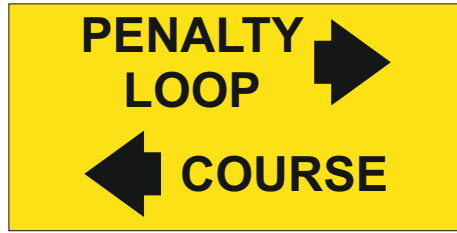
COURSE MARKINGS 1

COLOR: contrasting colors

60 x 30 cm



60 x 30 cm



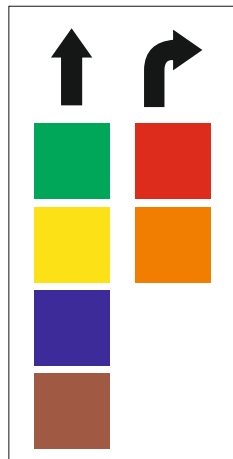
60 x 30 cm



60 x 30 cm

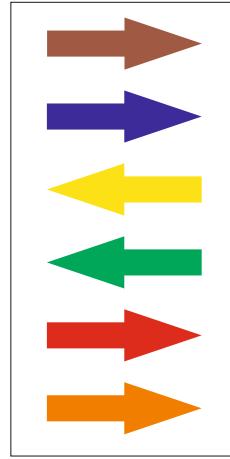


30 x 60 cm



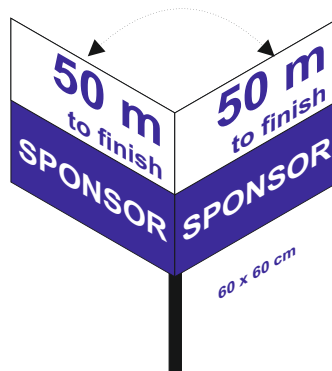
Course Crossings A

30 x 60 cm



Course Crossings B

COURSE MARKINGS WC & WCH



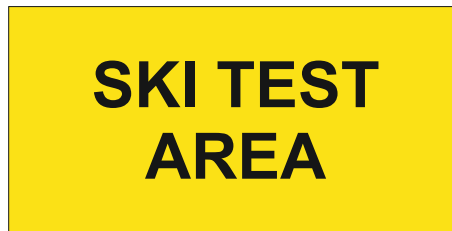
DIVERSE MARKINGS / DIRECTIONS

COLOR: contrasting colors

60 x 30 cm



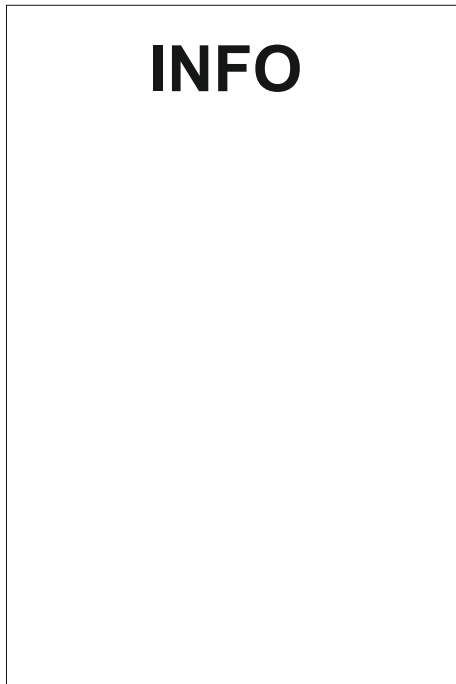
60 x 30 cm



60 x 30 cm



60 x 90 cm



60 x 30 cm



15 x 90 cm



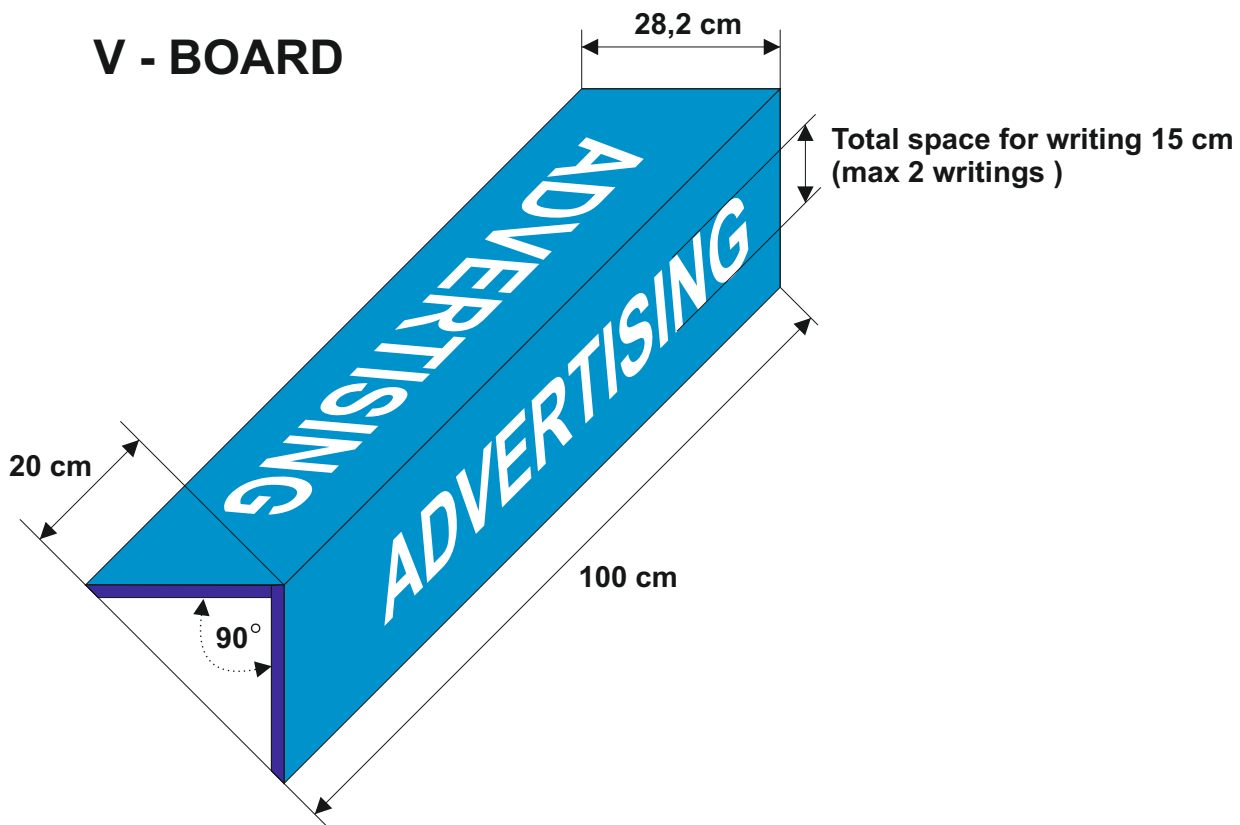
30 x 15 cm



30 x 15 cm



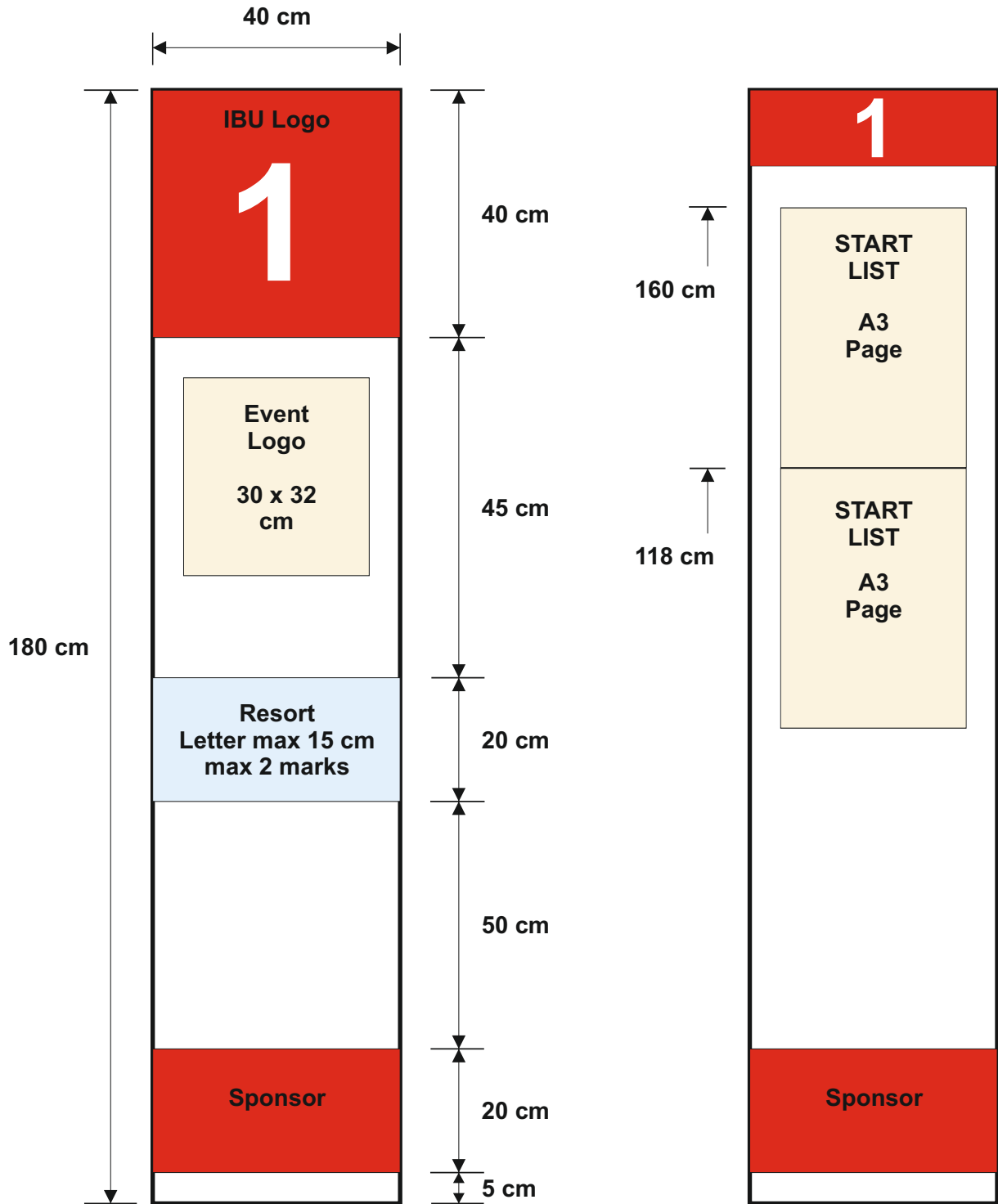
V - BOARD



PURSUIT START BOARD - Start Line

FRONT SIDE

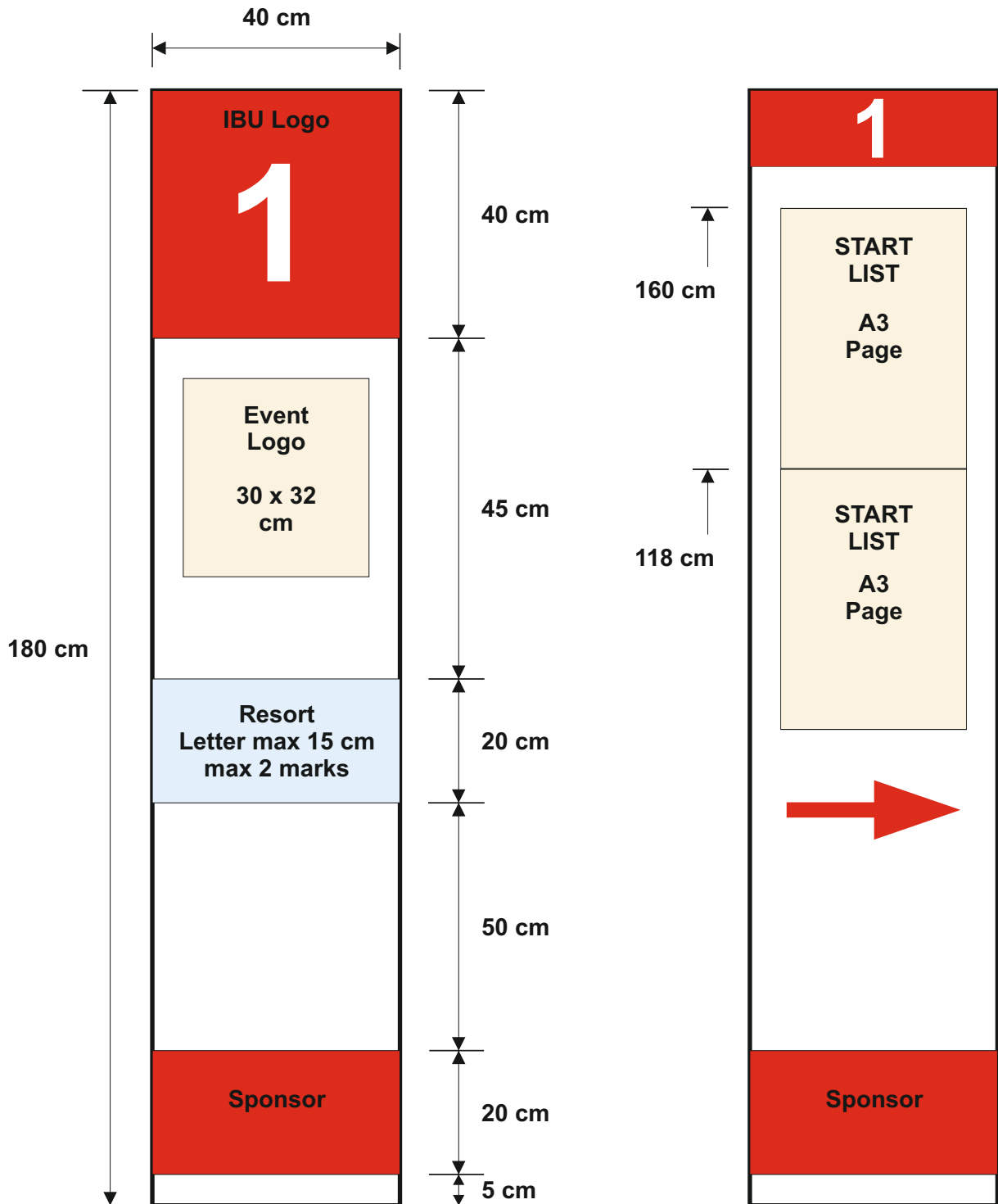
BACK SIDE



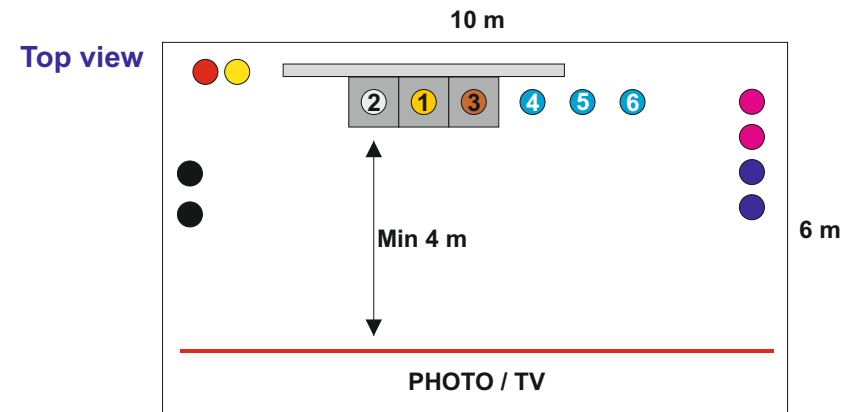
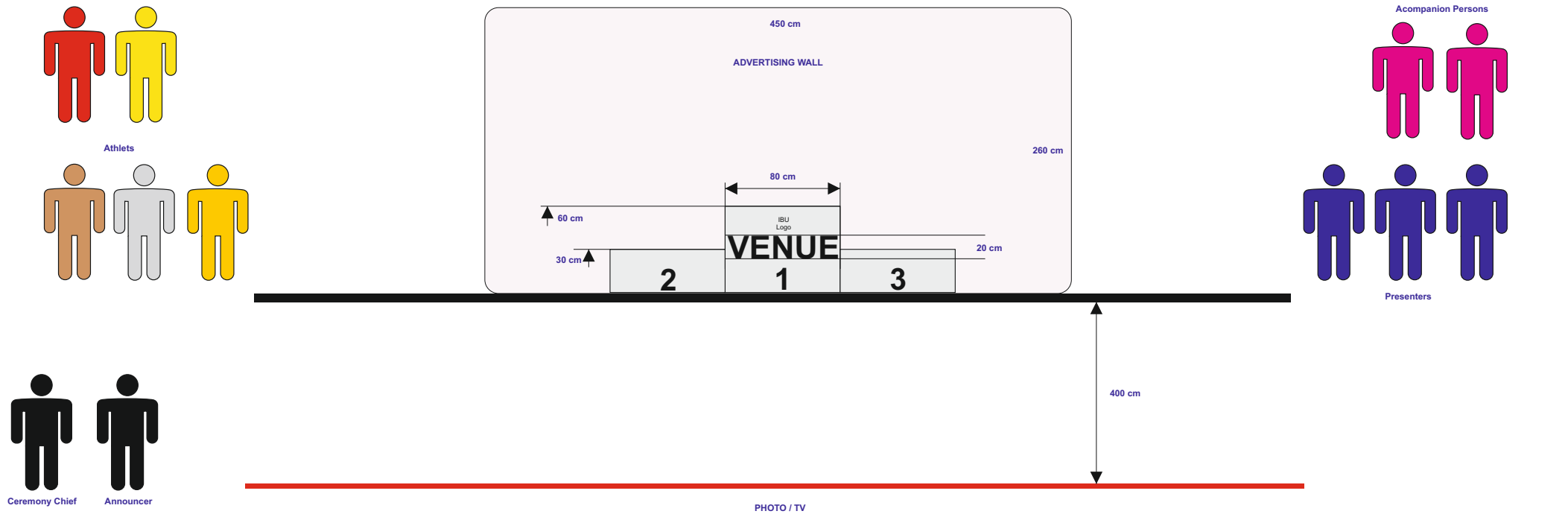
PURSUIT START BOARD - Lane Entrance

FRONT SIDE

BACK SIDE

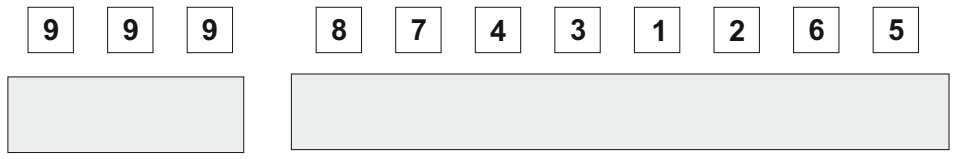


FLOWER CEREMONY AREA (set-up depending on stadium layout)

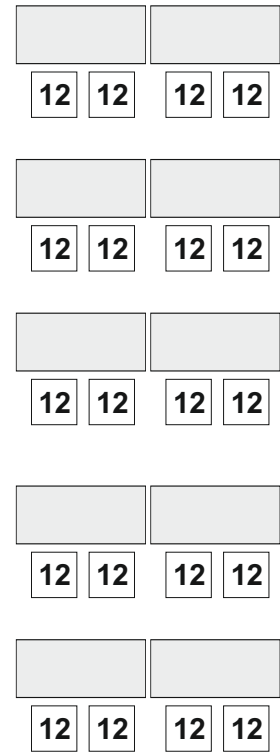
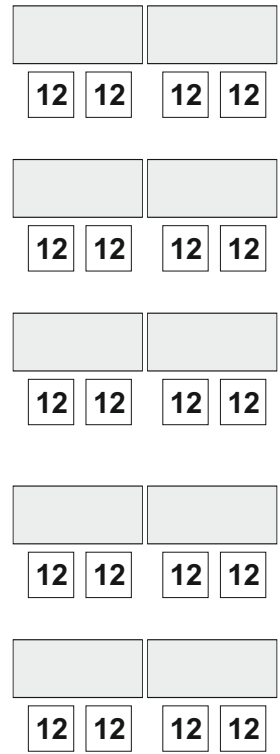
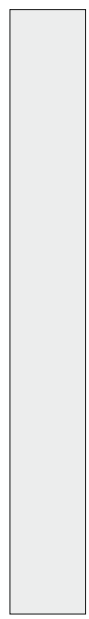


TCs MEETING ROOM

Screen

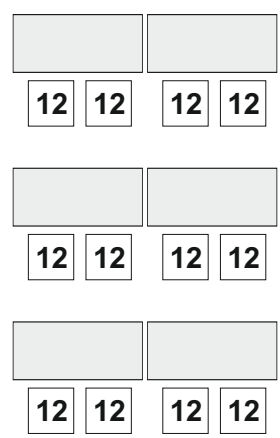


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- 14

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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	○ X ○ ○ X	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	○ X ○ ○ ○	1	One shot not fired!	
			3-SPARES							
			🕒		29					

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							○ ○ ○ ○ ○		
			3-SPARES							
			🕒							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							○ ○ ○ ○ ○		
			3-SPARES							
			🕒							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							○ ○ ○ ○ ○		
			3-SPARES							
			🕒							

BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							○ ○ ○ ○ ○		
			3-SPARES							
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BIB NO.	X	LANE	SHOTS FIRED					X - MISSES	MISSES	COMMENTS PENALTIES
	PRONE <input type="checkbox"/> STAND							○ ○ ○ ○ ○		
			3-SPARES							
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