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## Appendix B.1.1. Planning New Venues – Survey Procedure

### A. Survey of the horizontal start line, of each intermediate timing point and of the finish line

An official survey of the racing course must be provided by an authorised company to identify the accurate locations of the start line, of each intermediate timing point and of the finish line. All points must be marked through a permanent survey marker on the ground at both sides of the course.

The Start & Finish lines must be set exactly 2,000m apart and must be square and parallel.

These points have to be positioned to an accuracy of better than + or – 20mm.

The Intermediate 500m, 1000m and 1500m timing lines must be set exactly at 500m intervals and must be square and parallel.

The racing lanes must be surveyed and be parallel and perpendicular to the start and the finish lines.

### B. Survey of the vertical wires in the Aligners Hut, at each intermediate Timing point and in the Finish Tower.

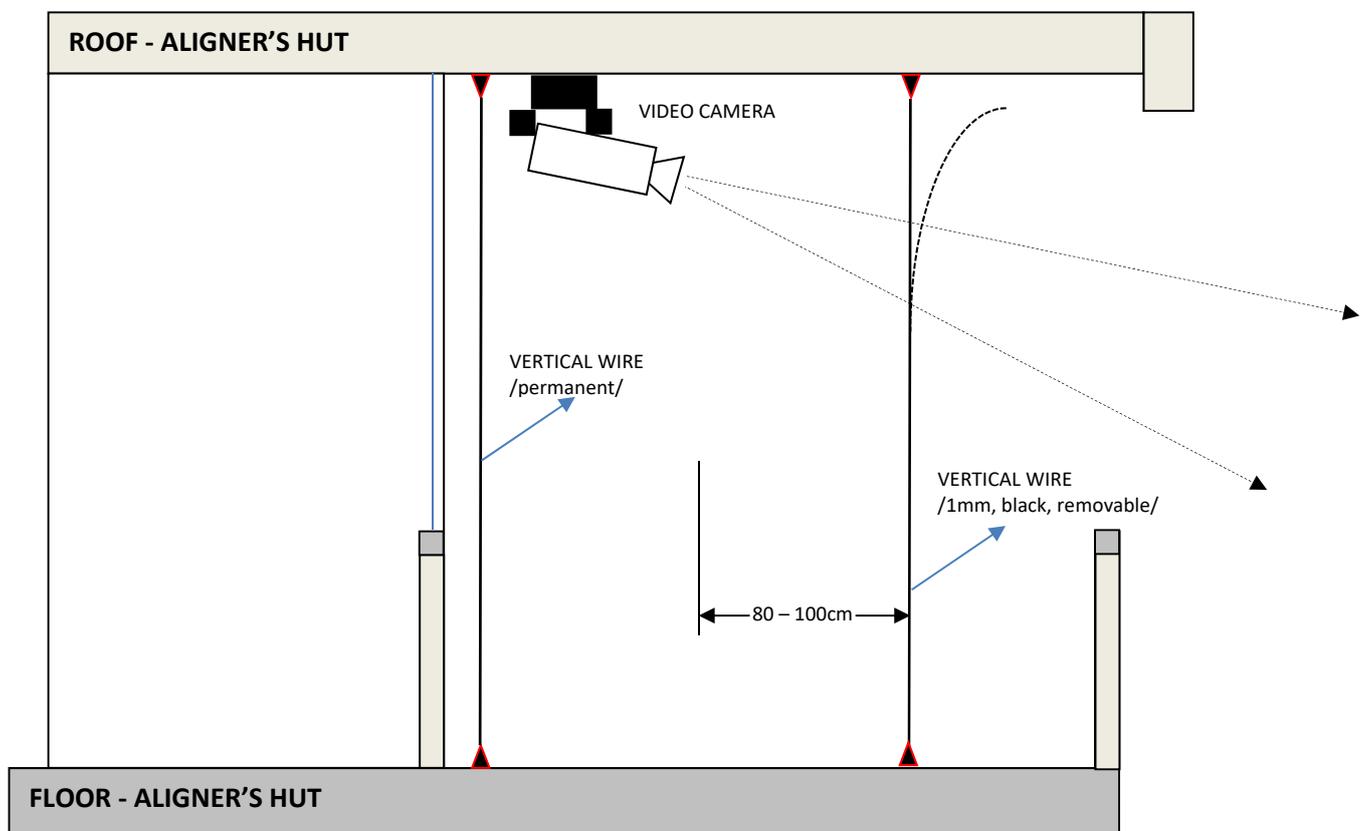
Each end of the vertical wires must be marked with a permanent survey marker as shown in the drawing below.

#### B.1. Aligner's Hut

There shall be installed two vertical wires – one permanent behind the video camera and one removable in front of the video camera. The vertical wires must be exactly in line with the horizontal start line. They should be maximum 1 mm thick and of black colour.

When looking through the vertical wires towards the sight marker at the opposite side of the course, they all have to be in one line.

See the drawing below.



▲ = Survey Marker

SIDE VIEW

## B.2. Finish Tower

### Option 1 – Photo-Finish Cameras on different level to Jury & Timing Seats

There shall be installed two vertical wires – either:

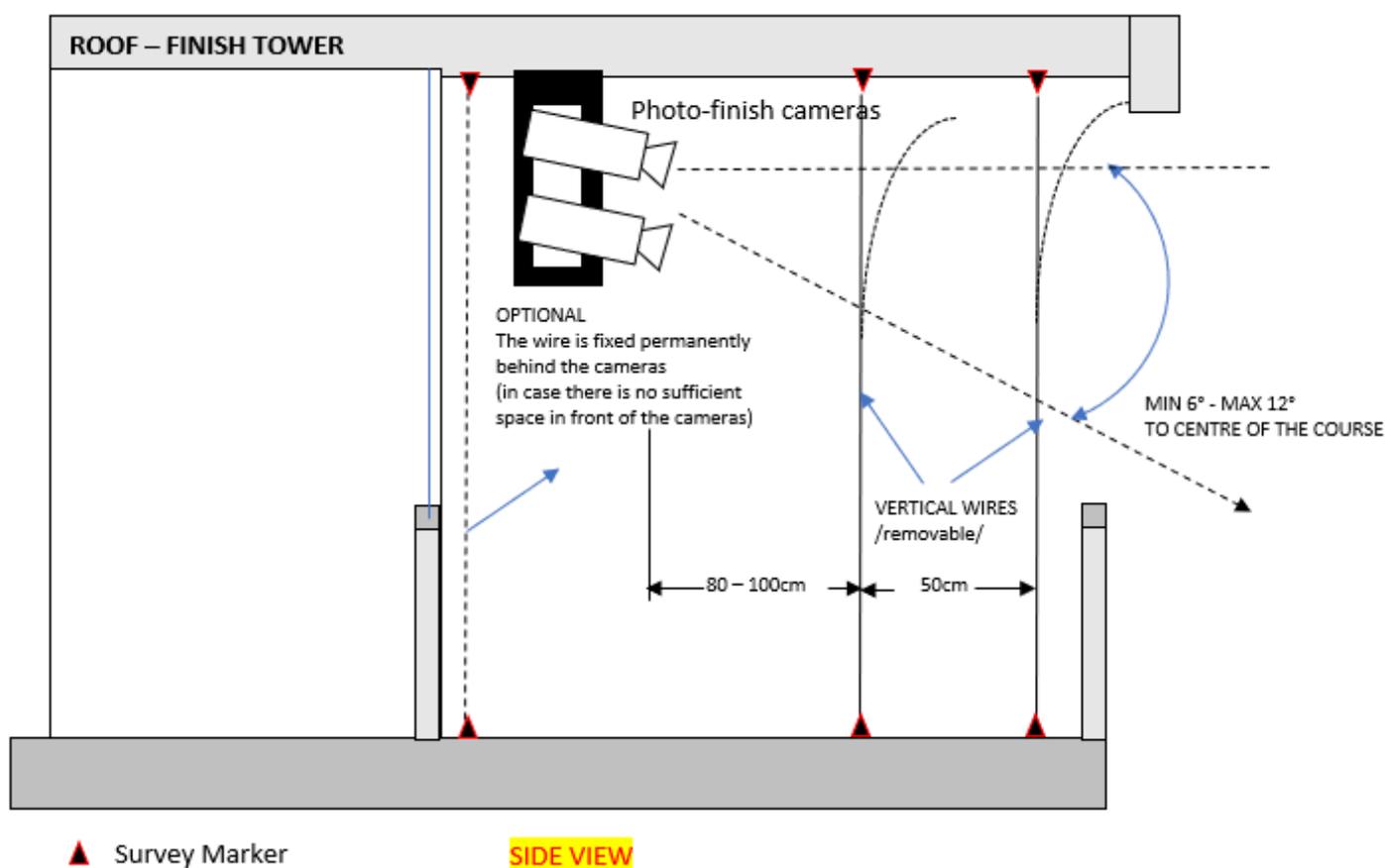
- both removable in front of the photo-finish cameras; or
- one in front of the photo-finish cameras (removable) and the second one (permanent) behind the photo-finish cameras.

The wire in front of the photo-finish cameras must be at a distance minimum 80 cm (preferable 100cm) in front of the photo-finish cameras.

A separate vertical wire (permanent) must be installed at the Jury & Timing level of the finish tower.

When looking through the vertical wires towards the sight marker at the opposite side of the course, they must be all in one line.

See the drawing below.



### Option 2 – Photo-Finish Cameras on same level as Jury & Timing Seats

There shall be installed two vertical wires:

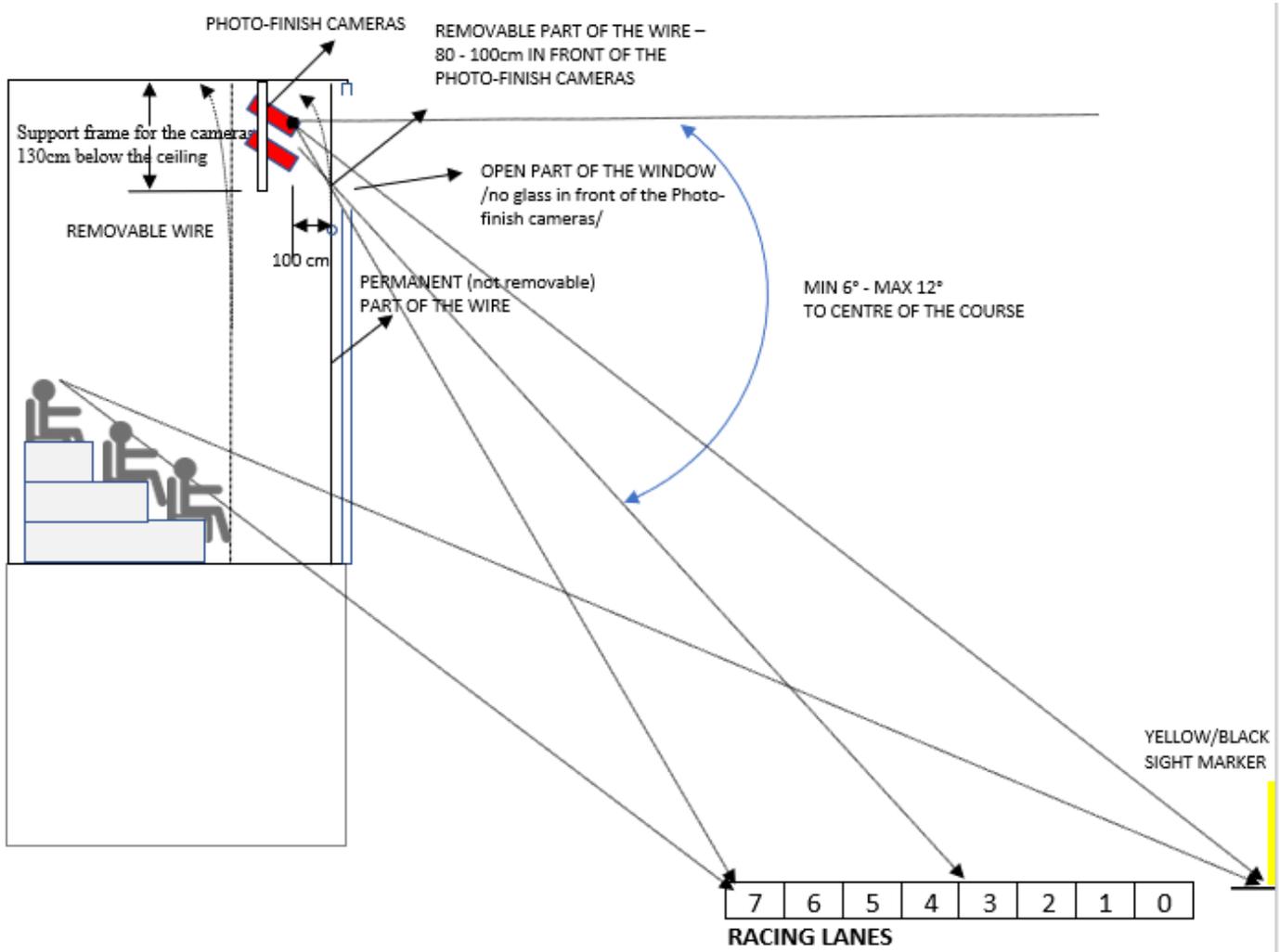
- one behind the cameras, removeable or permanent (depending on the available space)
- one at a distance of 80 – 100cm in front of the photo-finish cameras, which should be divided in two sections:
  - o The upper part of the wire, which is in front of the video cameras, has to be removed before racing and should be easily fixed back again in order for the position of the camera to be checked at any time.
  - o The Judges at the finish and Timing officials should be able to use the lower part of the wire by sighting against the finish line marker on the far side of the course at all times during the regatta.

The vertical wires must be exactly in line with the horizontal finish line.

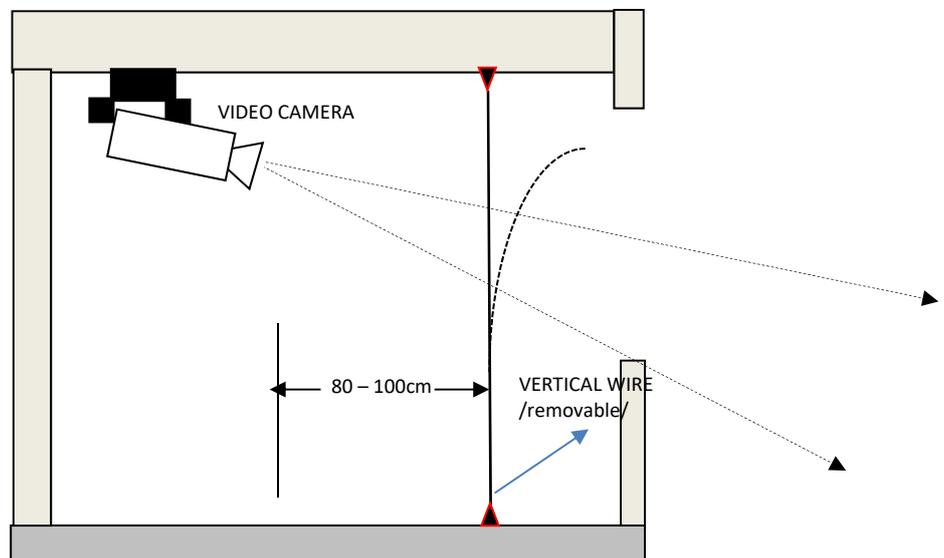
When looking through the vertical wires towards the sight marker at the opposite side of the course, they must be all in one line.

There should be no glass in front of the Photo-finish cameras.

See the drawing below.



### B.3. Timing Huts



▲ Survey Marker

SIDE VIEW

### **C. Sight Markers**

The line where this colour change occurs from black to yellow shall be the sight line.

Each end of the sight line must be marked with a permanent survey marker.

The sight line shall be exactly vertical down its full height and shall be consistent with the survey certificate.

### **D. Survey certificate**

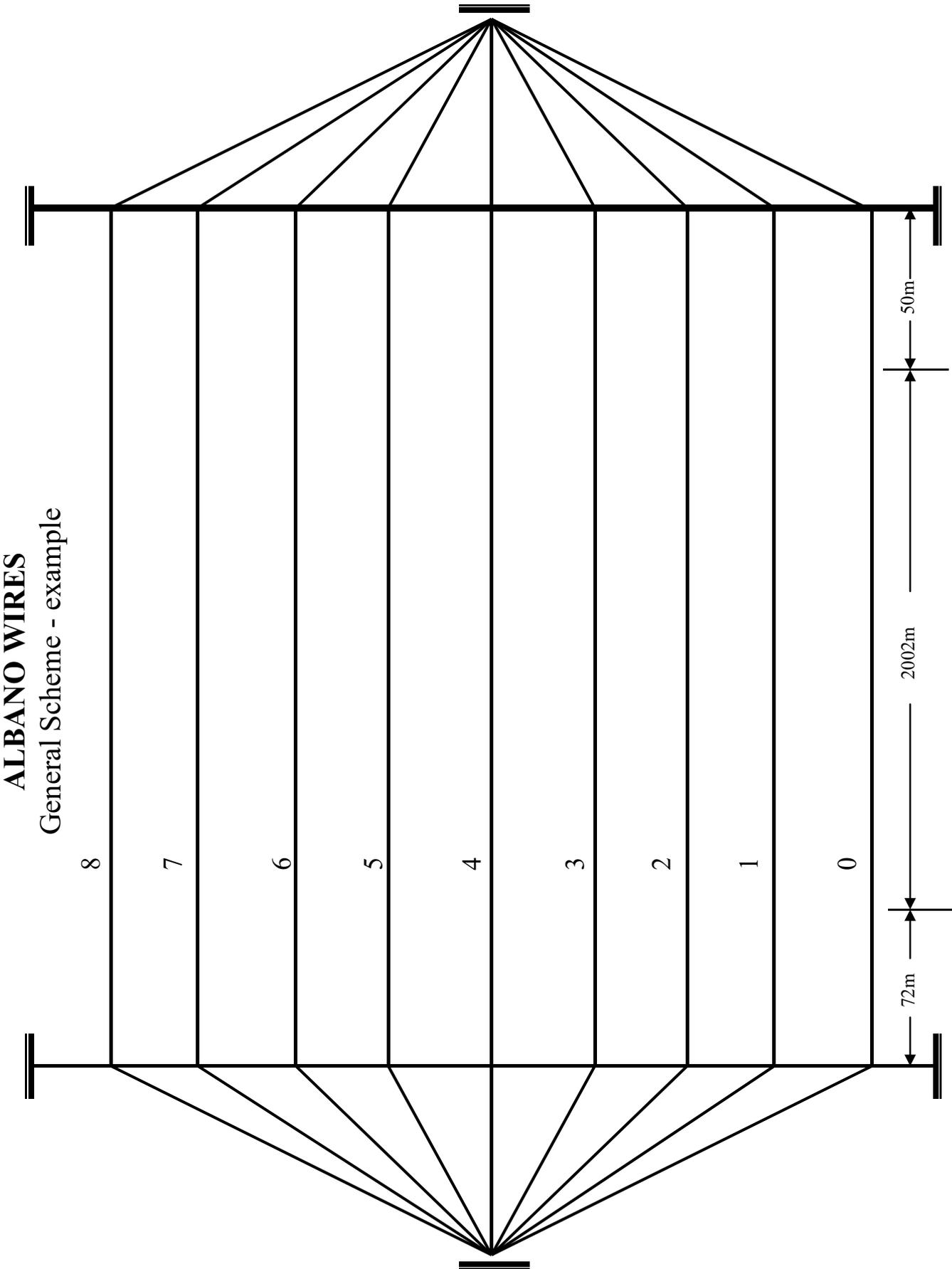
An official survey certificate of the racing course must be provided by an authorised company and must show the coordinates and accurate locations of all survey markers as listed above.

The survey certificate should be showing the following additional information:

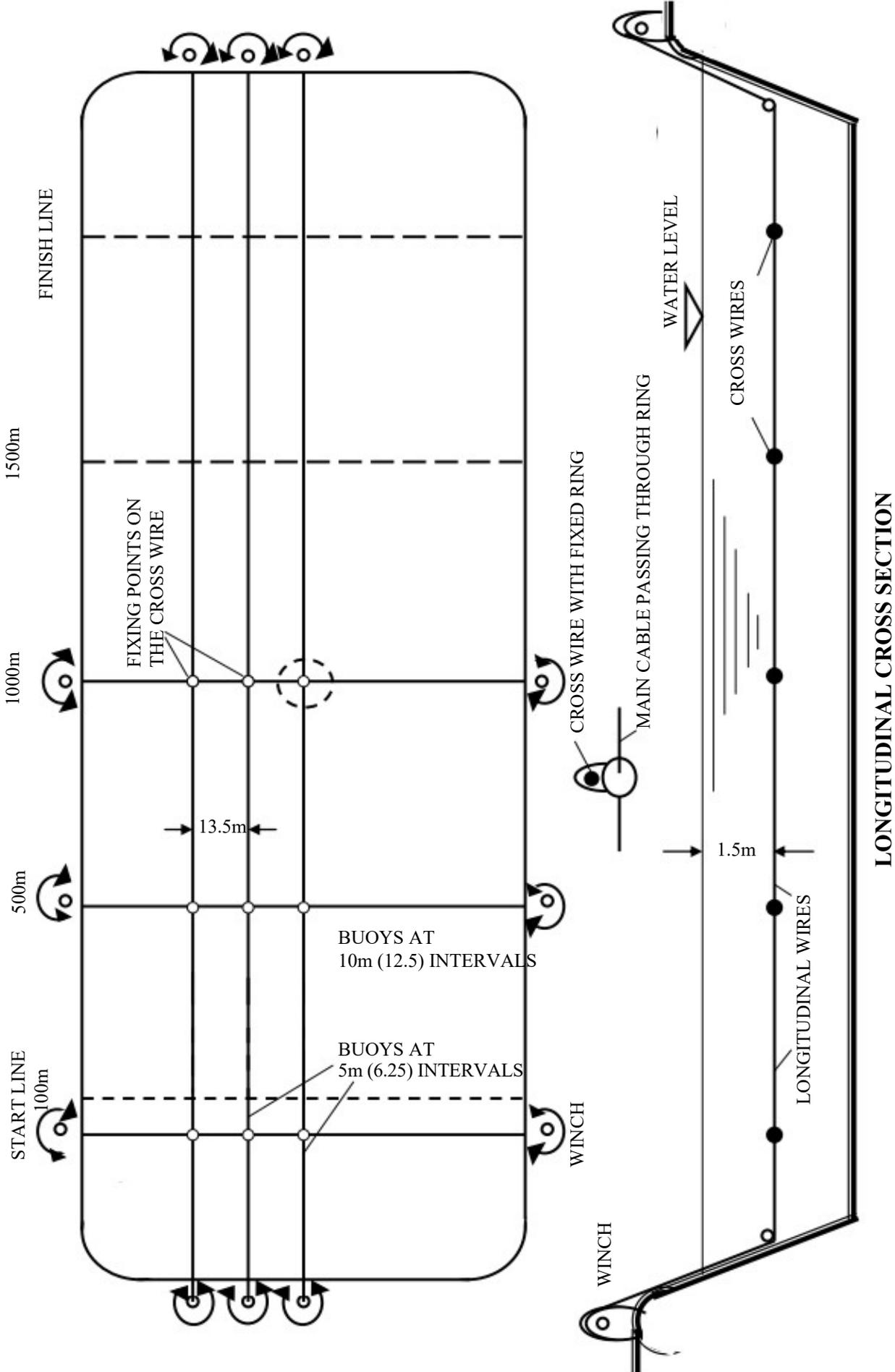
- the equipment that has been used for the survey
- declare the allowance / tolerance for the measurement of the 2000m distance
- declare the allowance / tolerance for the measurement of the vertical lines in the aligner's hut and in the finish tower.



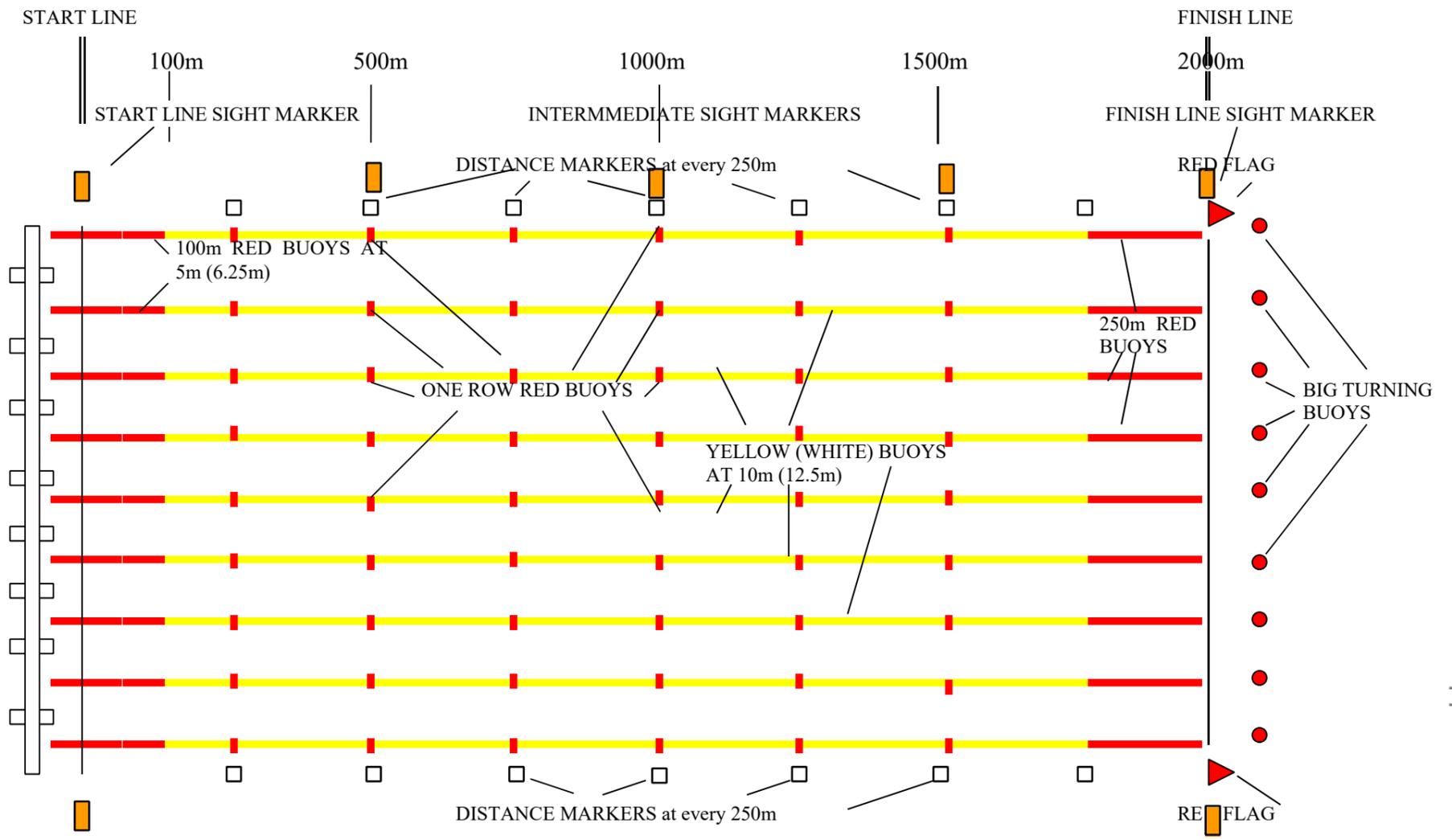
Appendix B.2.2. Albano Wires and Buoys



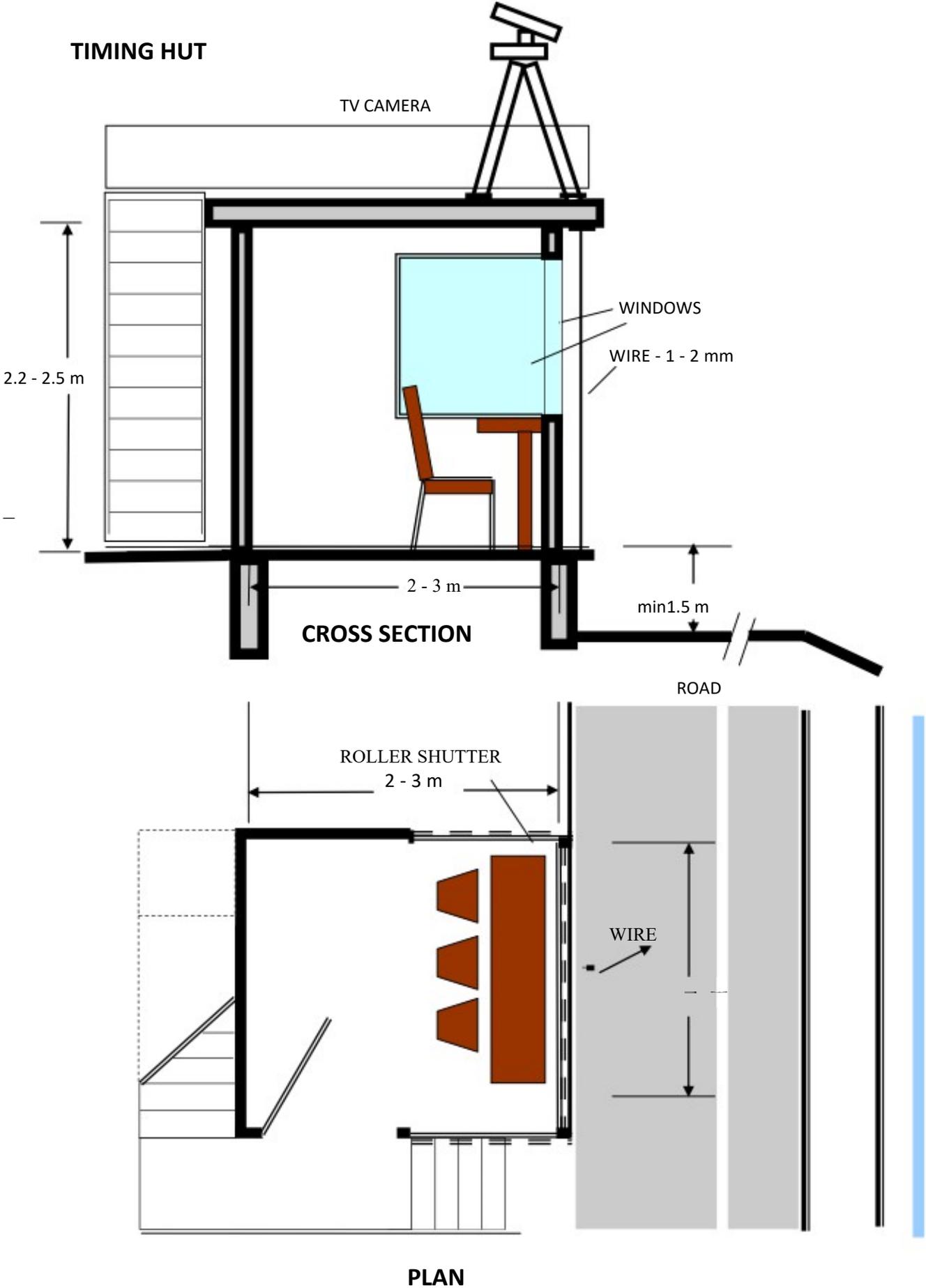
# ALBANO WIRES



# THE ALBANO SYSTEM OF BUOYS



### Appendix B.2.3. Intermediate Timing Positions



## Appendix B.2.4. Bubble line

# Bubble Finish Model “Amsterdam 2014”

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 document version: 2015-01-26

For the World Rowing Championships 2014 in Amsterdam, the organisation developed a bubbling finish line. The bubble finish was constructed with the experiences from earlier experiments at the Hollandbeker rowing regatta and with input from FISA.

The result was a lightweight, easy to use system that resulted in a straight line of evenly distributed bubbles over the complete width of the rowing course.



## Requirements

There are a number of requirements the bubble finish had to fulfil:

- secure
  - no intervention with rowing regatta
  - no intervention with any other activities on the water (umpire boats, camera boats)

- no interventions with regular timekeeping (by umpires and photo finish technology)
- generating nice bubbles over the full width of the course (evenly distributed)
- generating a straight line
- easy to use

## Principle

A garden hose is perforated with small holes. The hose is attached to a steel wire. The hose and wire are rolled out over the longitudinal wires of the Albano system (on top of the wires).

The steel wire is secured at one end of the course under water and stretched out at the other side of the course.

The bubble line is weighted down at regular intervals to keep it submerged. The hose is filled with air by a compressor.

## Garden hose

A standard model garden hose from the hardware store was used. The hose had a diameter of 12mm (1/2").

The hose had been perforated with 1mm holes every 30cm. It is *not* important that the holes are located at the same side of the hose. The different locations of the holes is overruled by the upbubbling behaviour of the air bubbles.

To provide good pressure through the full length of the line, the line has been separated in two sections, one section for the first half of the course and the second section for the second half of the course. The second section is fed with air through a blind (without holes) hose that covers the first half of the course.



## Fixation

The garden hose was attached to a steel wire (5mm, galvanised steel wire).

The steel wire was secured at one side of the course at a depth of about 1m under the water.

At the other side of the course the line is again fixed at a depth of about 1m.

To get the line straight it is tensioned with the use of a ratchet tie-down strap.

The complete bubble line was then rolled out over the longitudinal wires of the Albano system.

The bubble line was weighted down with 2kg (steel weights) at the center of every lane.

The bubble line thus only rested on the albano wires. It was not fixed in any way to the albano wires.

Normally, the Albano system is well balanced between the uplift of the buoys and the weight of the steel wire. Although the bubble finish is very lightweight, it adds to the weight of the system causing the buoys to submerge more than they normally

would do. It could be necessary to add extra buoys to the system in the area of the bubble finish. Filling the system with air reduces the weight of the bubble line, so the situation has to be assessed during operation.

## Deployment

Initial deployment of the line took about 30 minutes. Removal of the line was done within 15 min.

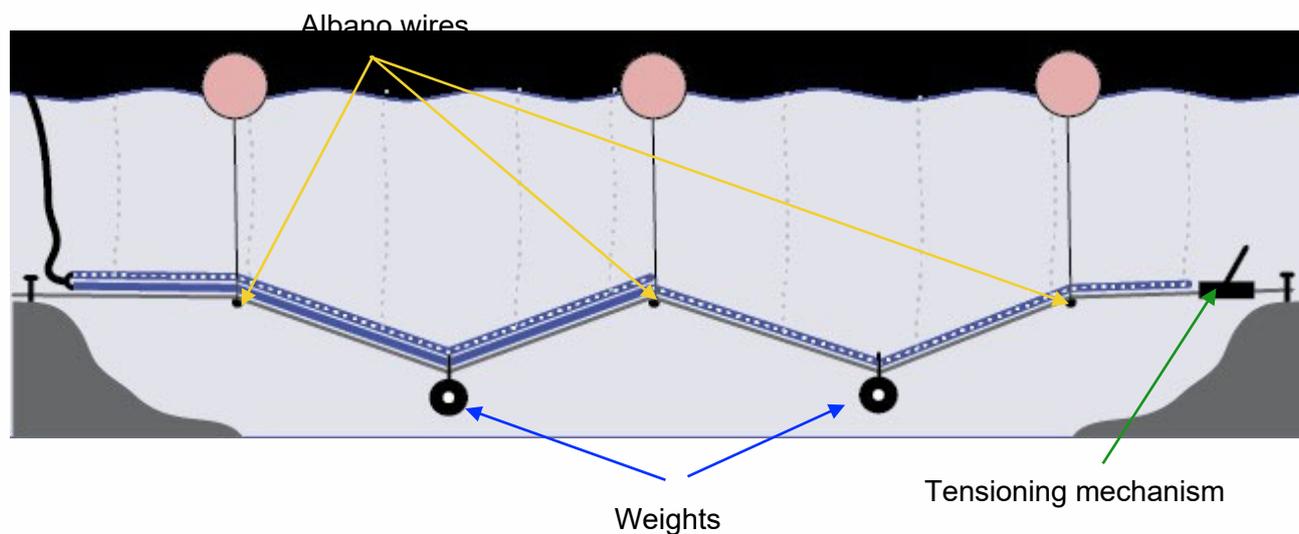
Only fixing the line at each end and tensioning it had to be done in the water. The rest of the deployment was carried out from a working boat.

To deploy the line it was first fixed at one side. Then it was rolled out over the width of the course with a workboat. At the center of every lane, the 2kg of weight had been attached.

At the other side, the line has first been stretched out manually as far as possible. Then the ratchet strap has been deployed to tighten it down.

The line was located approximately 80 cm behind the finish line to not disturb the operation of the photo finish and to keep the view clear for the umpires on the finish line.

The depth of the bubble line has to be controlled before the course is opened again to give clear way for all types of vessels that are operating on the water.



## Operation

The bubble finish has been filled with air with a standard model construction site compressor.

By controlling the compressor's outflow, the bubbling intensity can be regulated.

In Amsterdam, the opening was barely open, which is indicating that the compressor has been over dimensioned.

When the bubble finish was not used, the hose filled itself with water. When the compressor was turned on, the water is pressed out of the hose.

Although placed 80cm behind the finish line, the bubbles may wander depending on wind and current. Depending on the situation the result has to be checked with time keeping to not disturb any of their processes.

## Caveats/Optimisations

The specifications of the line resulted on well educated and safe guesses not the result of thorough calculation and well-founded engineering work. The result proved them to be workable very well. There are some caveats to the whole system and there is a potential for optimisation.

- The compressor has been over dimensioned. It would save money and diesel to get a compressor that is utilised more optimally.
- There are probably electrically powered compressors that run more silent and are environmental friendlier. However, the compressor has to be able to run for the complete time of races. Not all smaller devices will be able to do this. Compressors from a DIY-stores will probably not stand the constant load.
- The garden hose is not made to be put under high pressures. The compressor used in Amsterdam is probably able to deliver enough pressure to blow up the pipe which could be hazardous.
- The bubble line has been designed to consist of two parts to deliver good pressure of the full width, however, we did not notice any drop off in bubble quality towards the end of the two sections. It could be enough to design the whole line as one section.
- Compared to other rowing tracks, the Bosbaan in Amsterdam is rather narrow. So It might be that the final result might behave slightly different at other tracks.

If you have made any new experiences or gained new insights, let me know, then I can adjust the guide: [patrick.mast@gmx.de](mailto:patrick.mast@gmx.de)

## Pictures



The bubble finish in action. (note: the bubble finish was straight, the buoys have not been properly aligned)



The connection point of the pressured air. Here the two sections of the bubble finish split out.



The two bubble finish hoses attached to the steel wire.

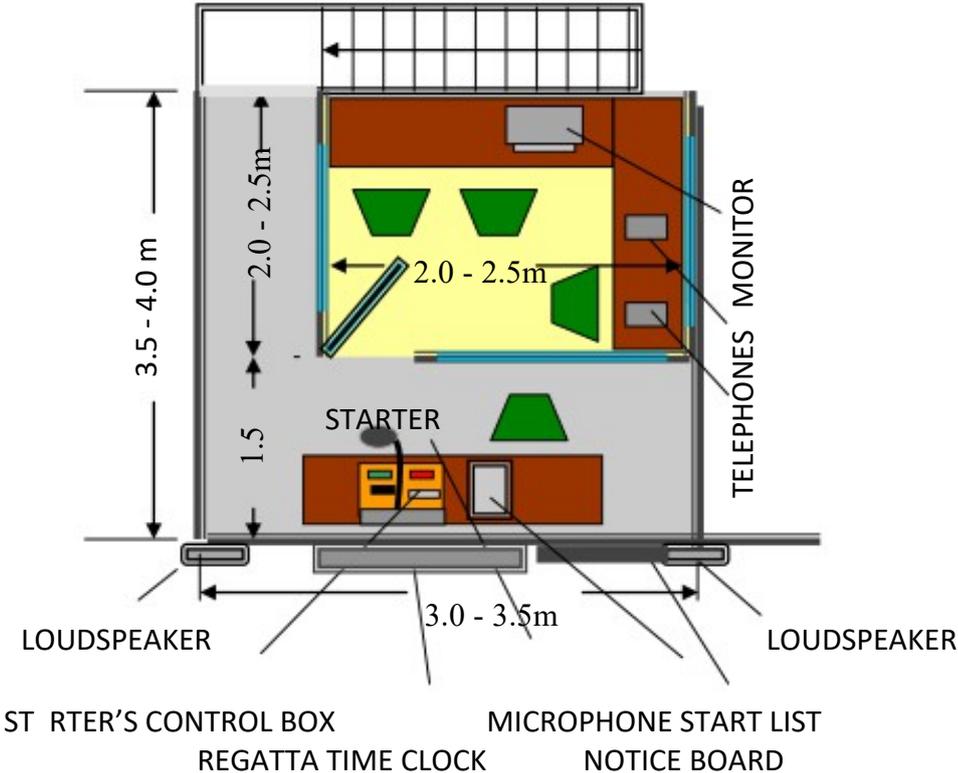
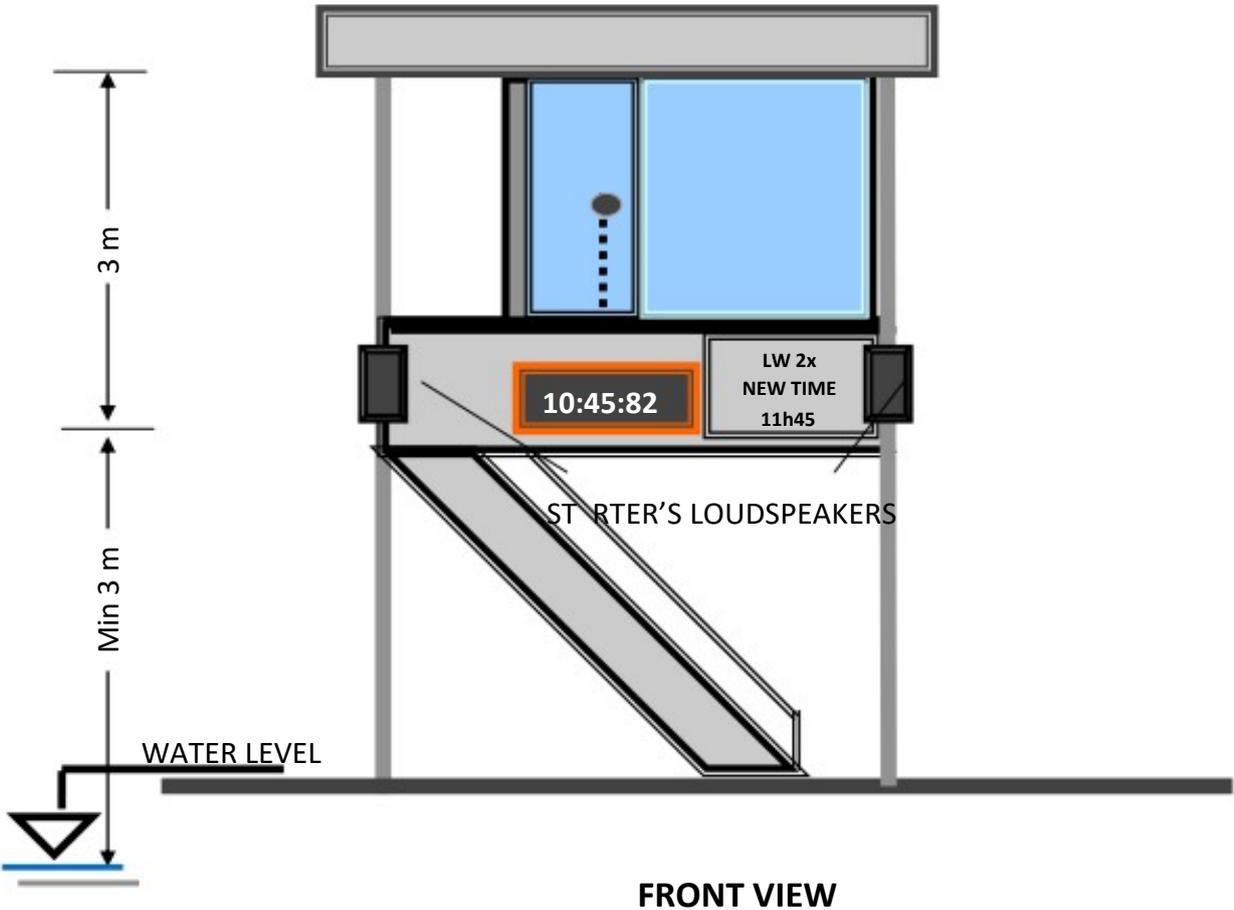


The compressor used to operate the bubble finish.



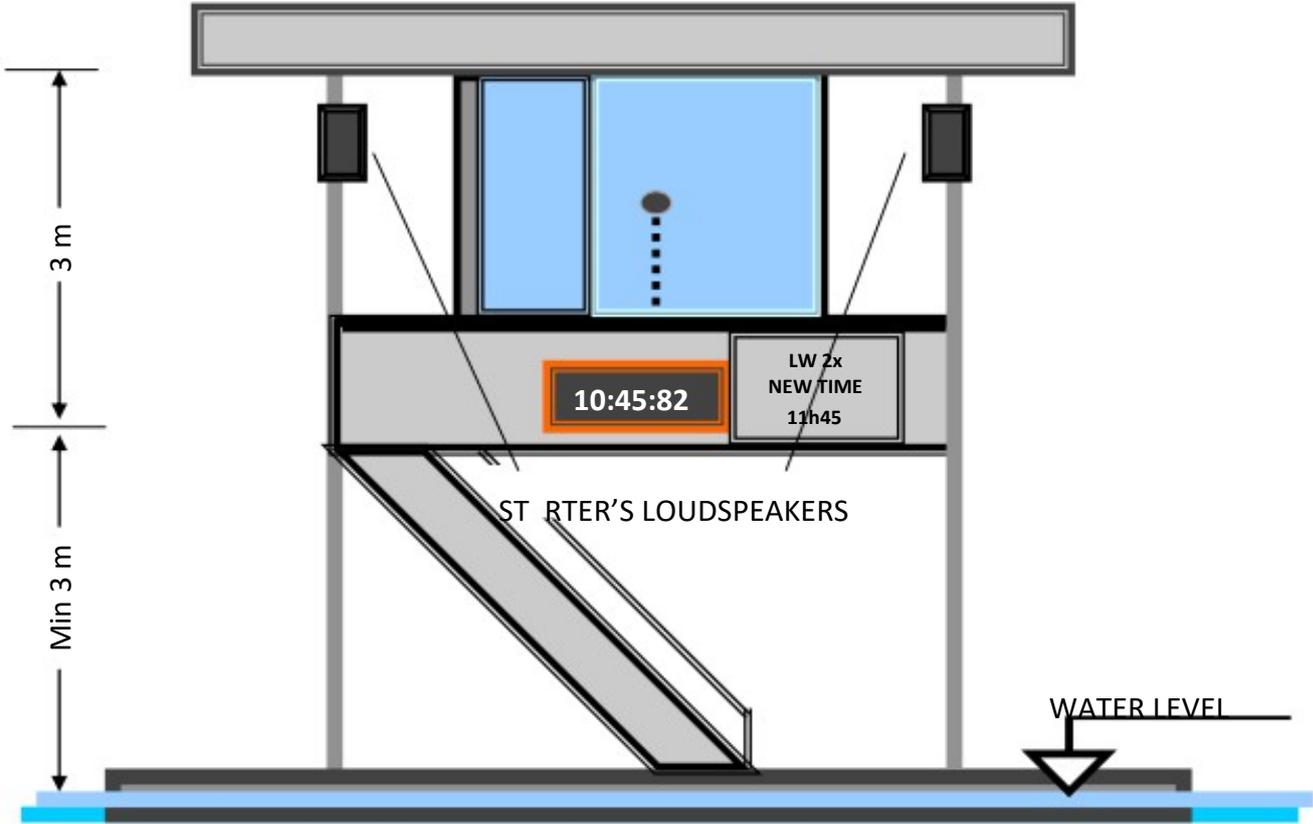
The tensioning mechanism used.

Appendix B.3.1.a. Start Tower on land

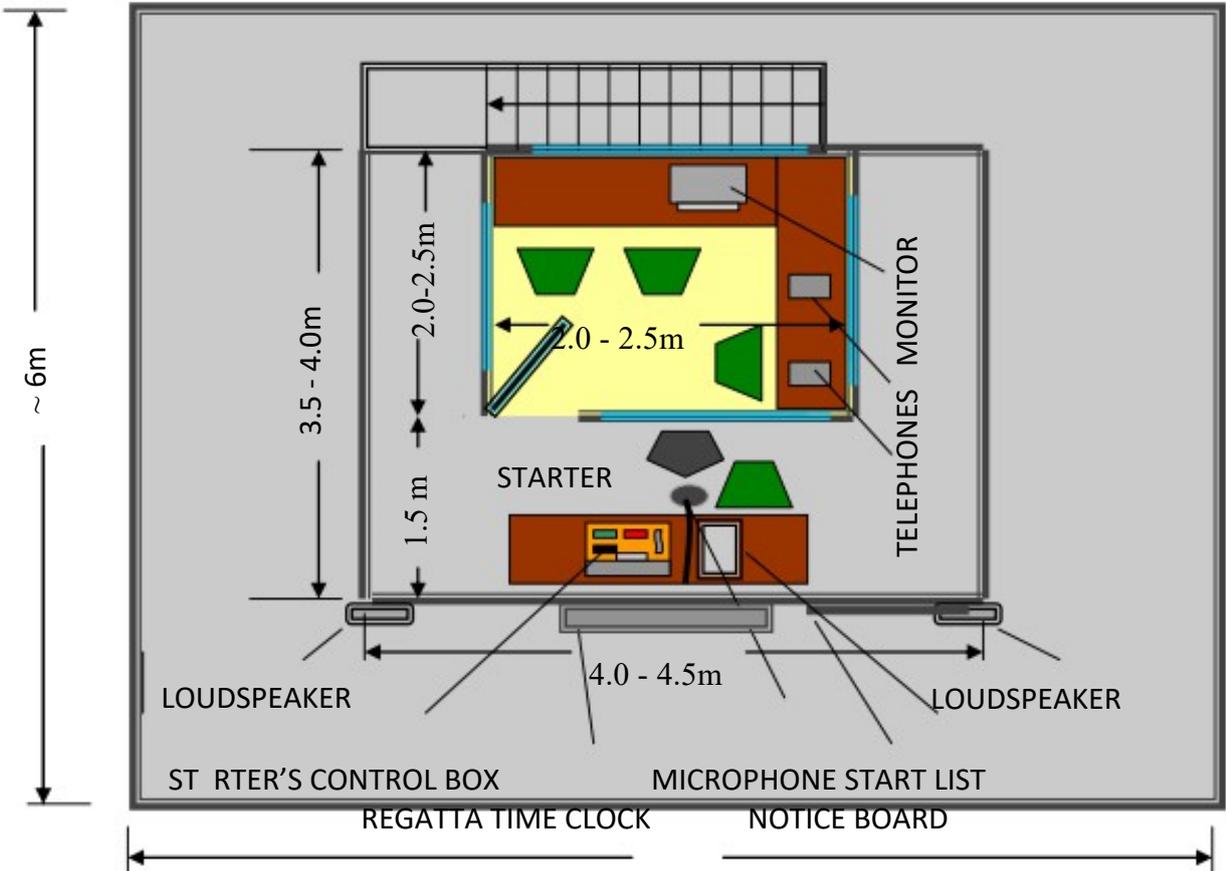


**PLAN**

Appendix B.3.1.b. Start Tower floating

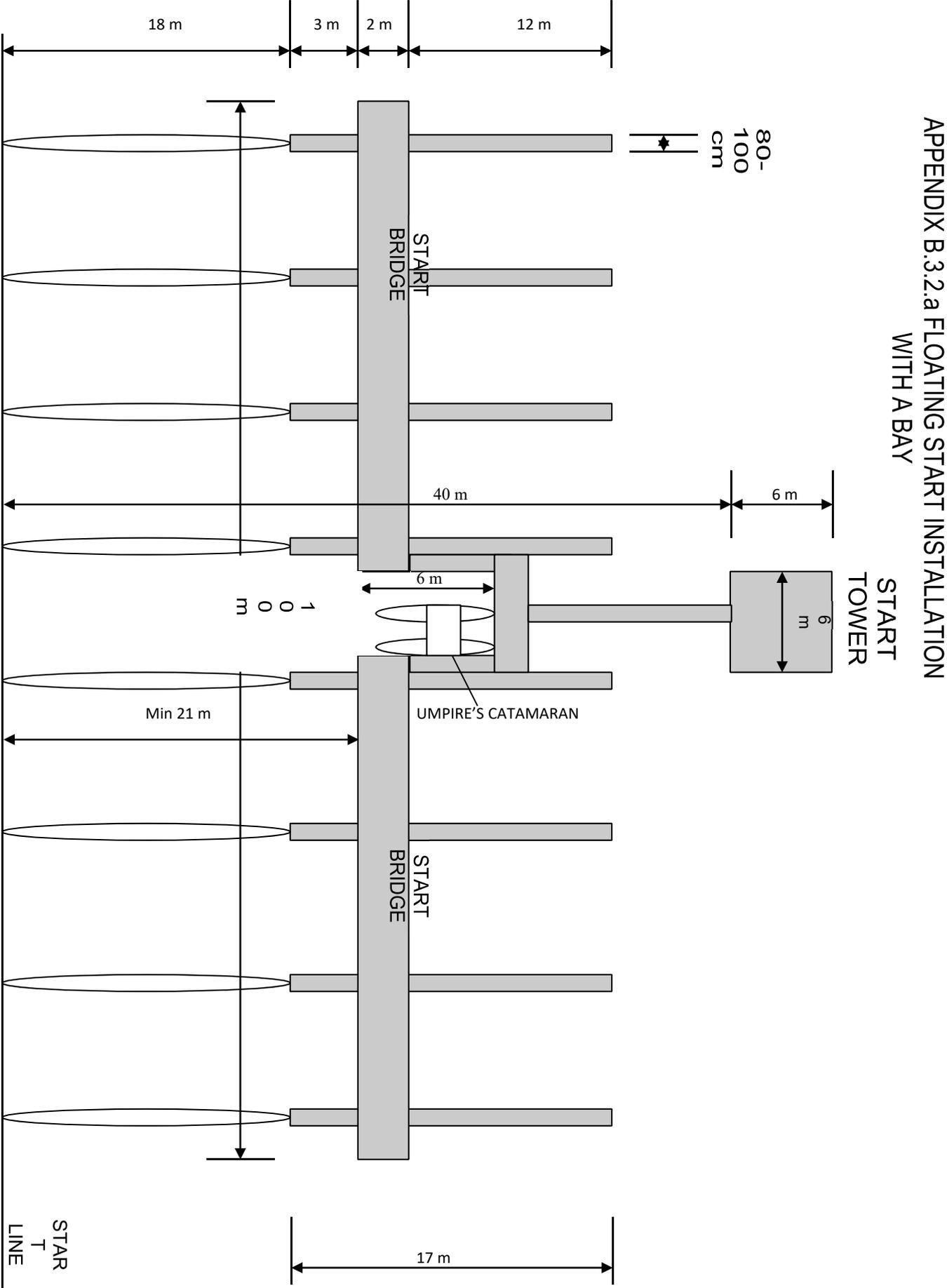


FRONT VIEW



PLAN

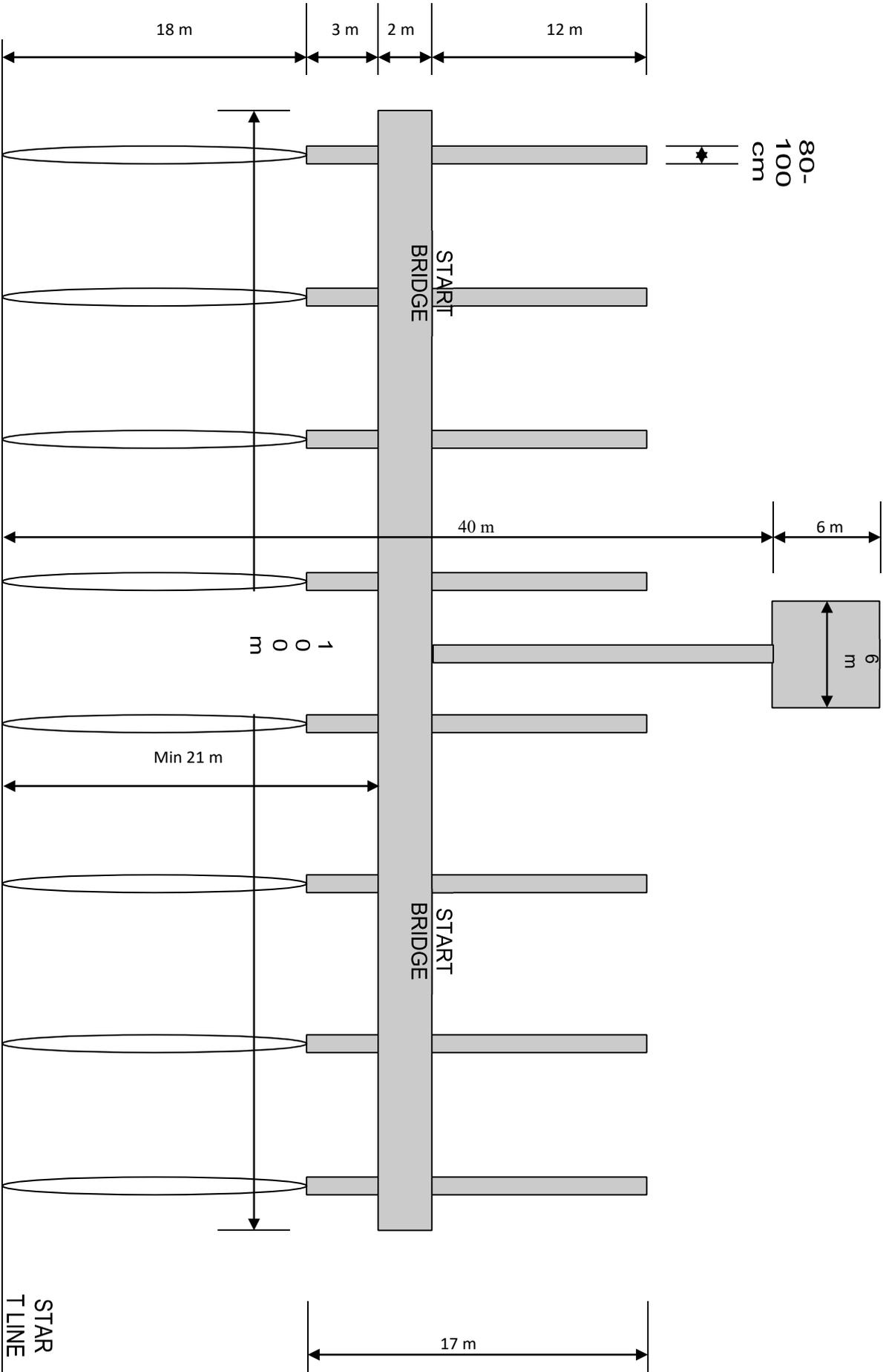
Appendix B.3.2.a. Start Installation with a bay



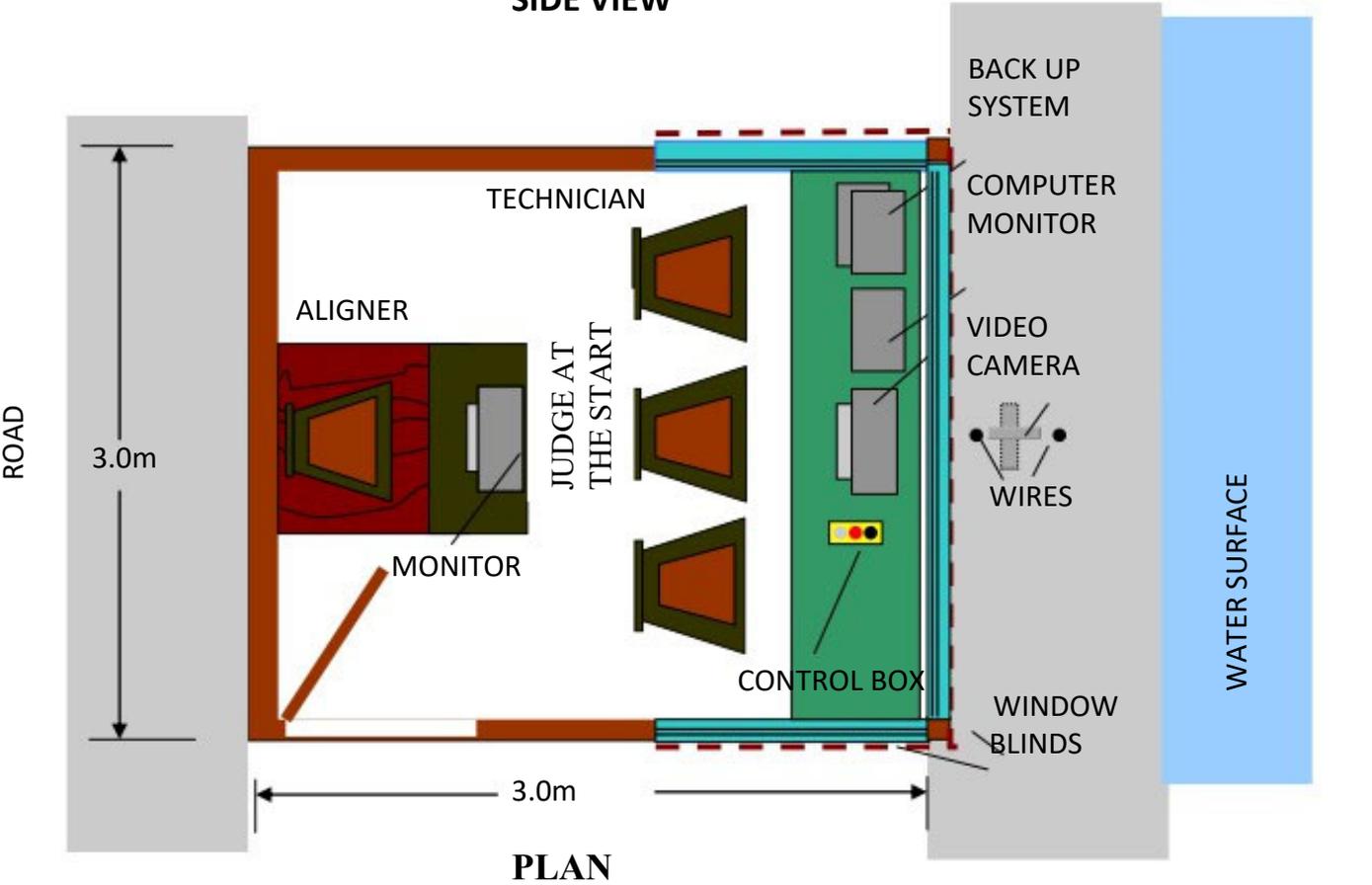
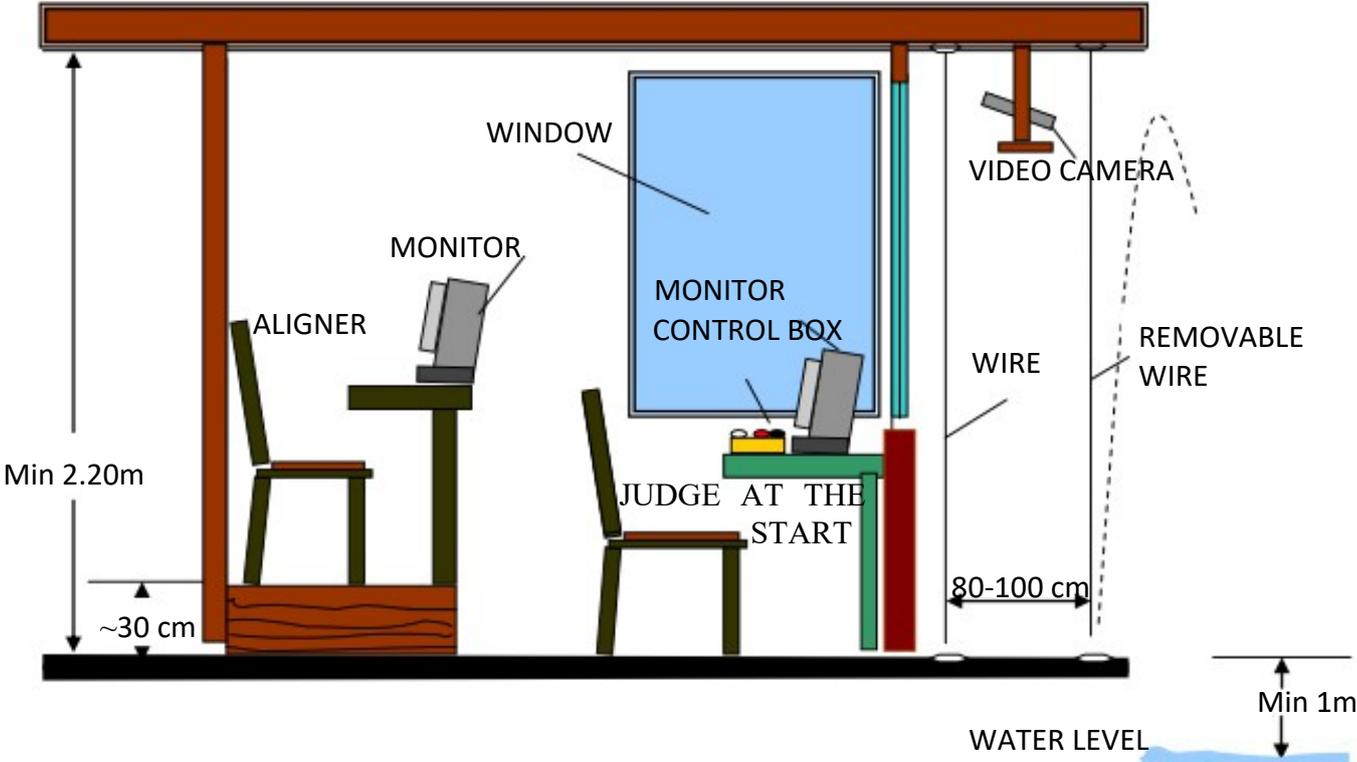
APPENDIX B.3.2.a FLOATING START INSTALLATION WITH A BAY

Appendix B.3.2.b. Start Installation without a bay

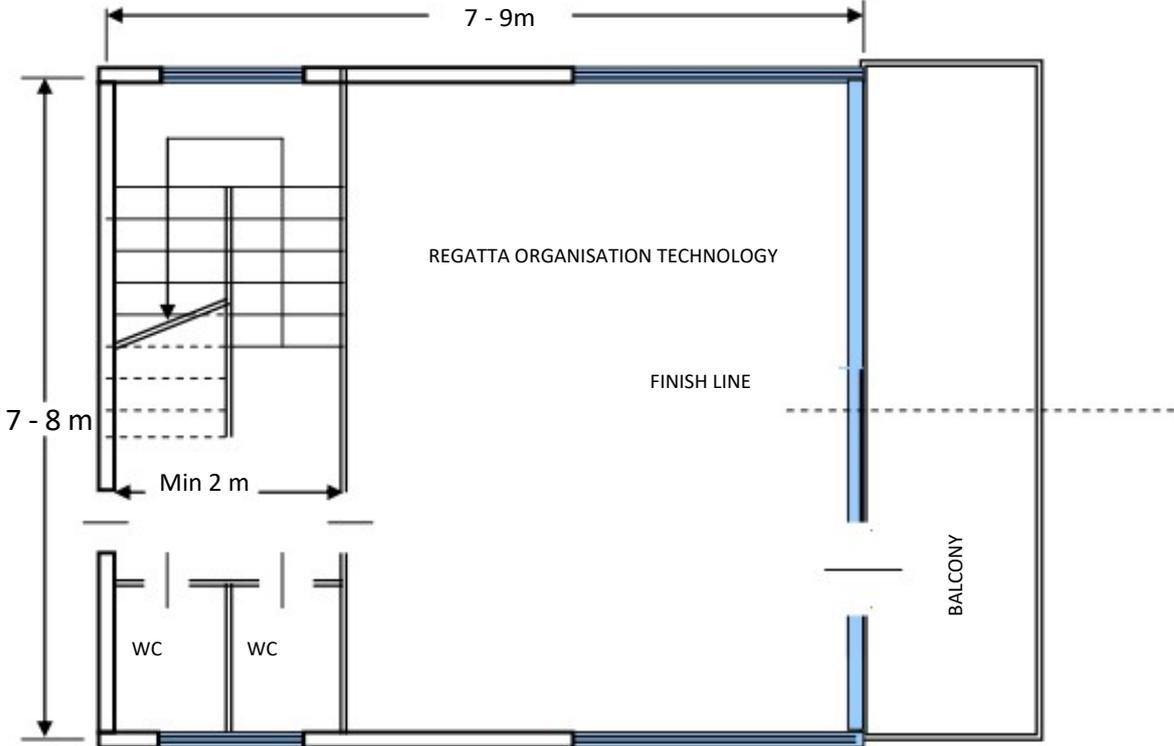
APPENDIX B.3.2.b FLOATING START INSTALLATION WITHOUT A BAY



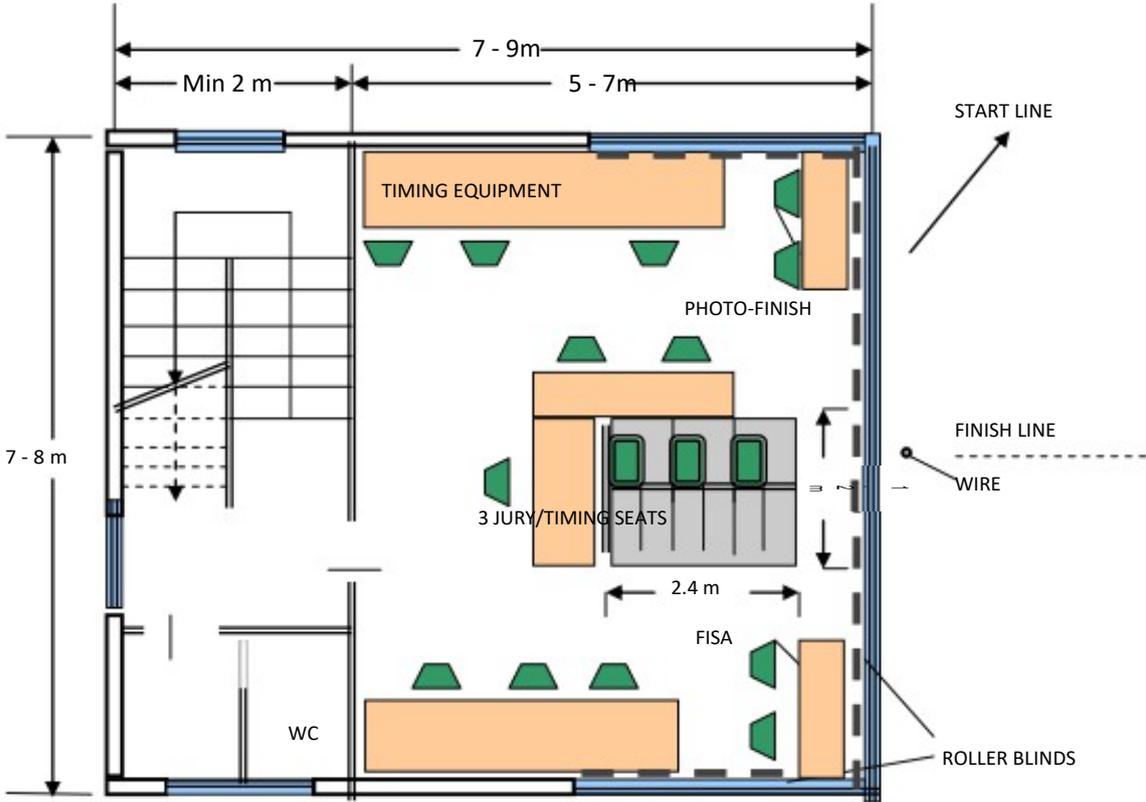
### Appendix B.3.3. Aligner Hut



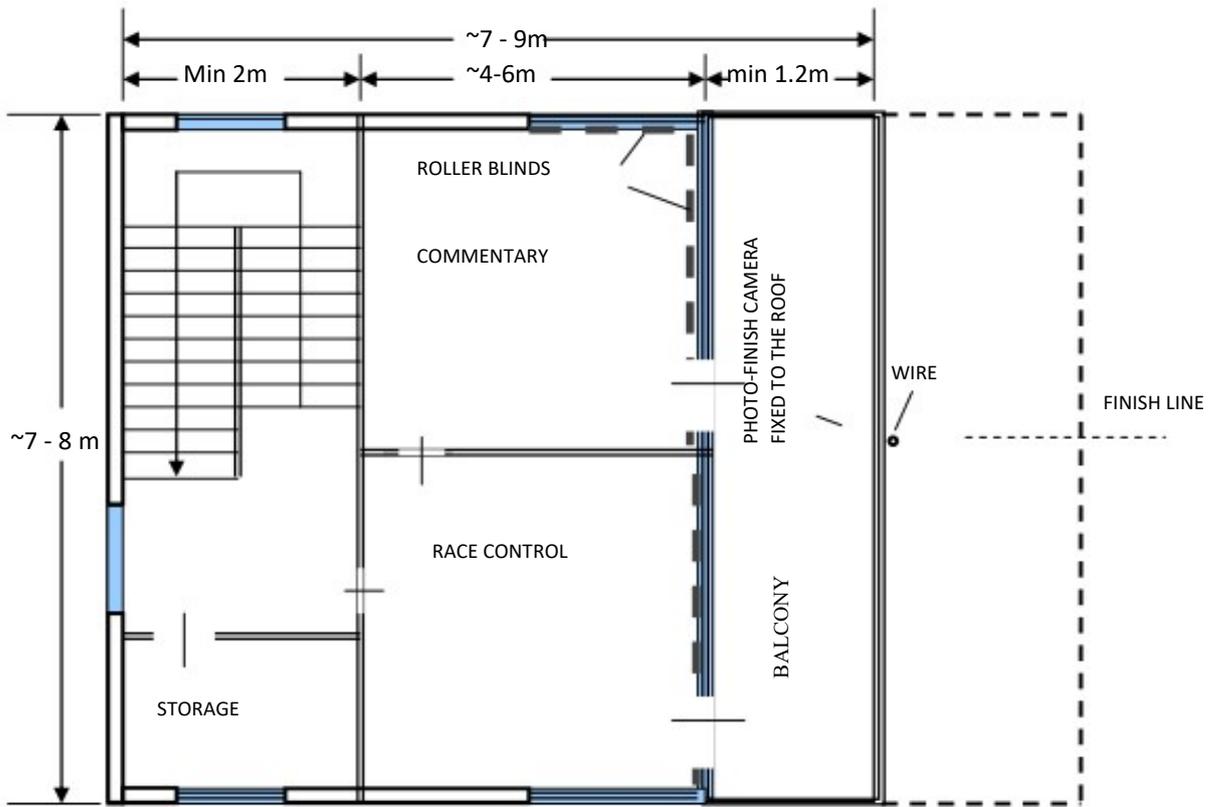
Appendix B.4.1.a. Finish Tower



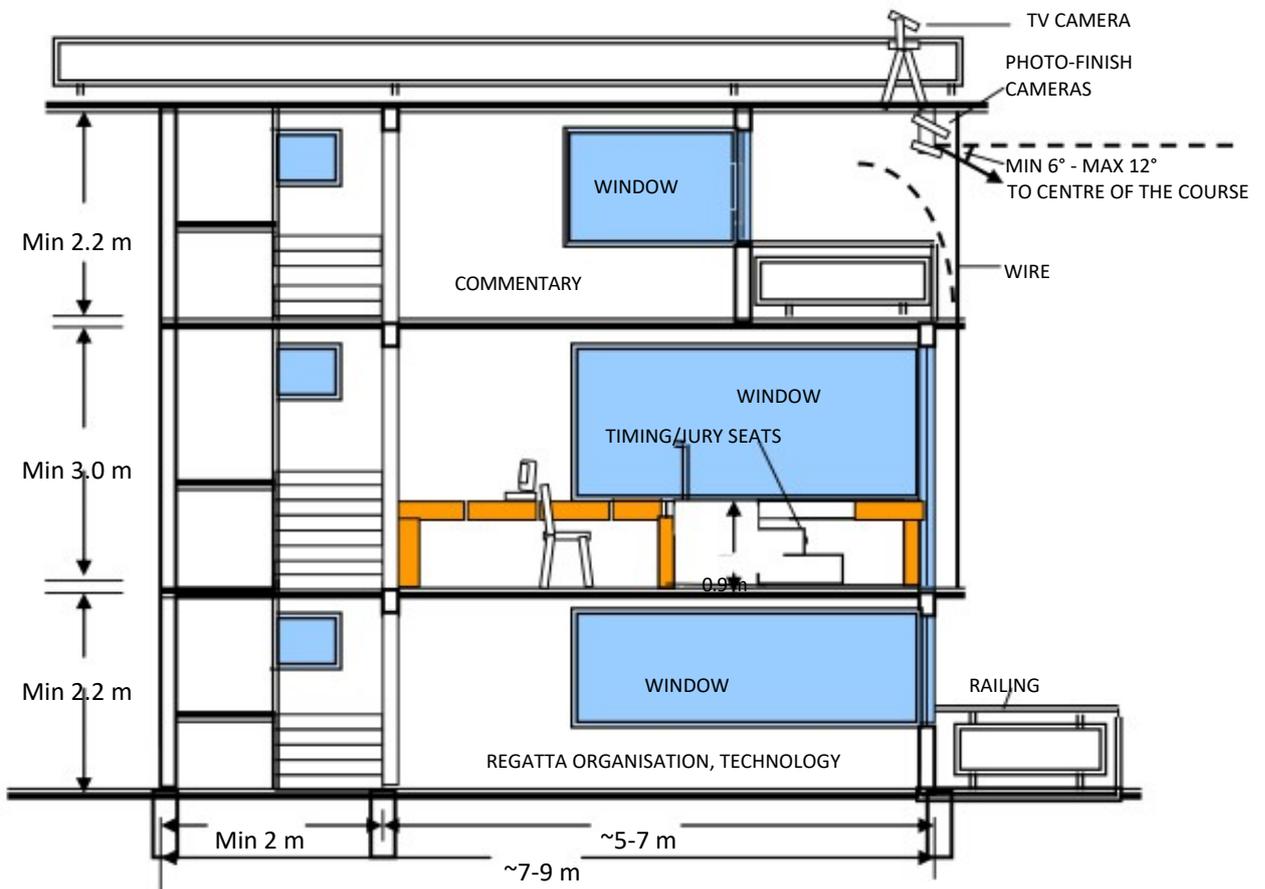
GROUND FLOOR PLAN



FIRST FLOOR PLAN



**SECOND FLOOR PLAN**



**CROSS SECTION**



**Appendix B.5.3. Media Start Lists**

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RWC III Lucerne, Switzerland

09 - 11 July 2010

11

**MEDIA START LIST**

**W4x**

(Event)

**Women's Quadruple Sculls - Heat 1**

**H1**

**FRI 09 JUL 2010**

**Race 52**

World Best Time: <b>GER</b>	KOEPPEN/ BORON/ RUTSCHOW/ SORGERS	Duisburg (GER) 1996	<b>6:10.80</b>
World Champion: <b>UKR</b>	SPIRIUKHOVA/ KOLESNIKOVA/ KOZHENKOVA/ DEMENTIEVA	Poznan (POL) 2009	World Champ'ships <b>6:18.41</b>

Lane	NOC Code	Pos	Name	Date of Birth
1	<b>NED</b>	(b)	WIELAARD Kirsten	26 JUN 1989
		(2)	VEENHOVEN Jacobine	30 JAN 1984
		(3)	BOUW Carline	14 DEC 1984
		(s)	de HAAN Annemiek	15 JUL 1981
2	<b>UKR</b>	(b)	KOZHENKOVA Anastasiia	19 JAN 1986
		(2)	KOLESNIKOVA Tetiana	09 AUG 1977
		(3)	TARASENKO Kateryna	06 AUG 1987
		(s)	DEMENTIEVA Yana	23 OCT 1978
3	<b>BLR</b>	(b)	PRYVALAVA Natallia	19 FEB 1987
		(2)	KUKHTA Tatsiana	13 JUN 1990
		(3)	BICHYK Yuliya	01 APR 1983
		(s)	BONDARAVA Nina	30 JUN 1986
4	<b>GBR</b>	(b)	VERNON Annabel	01 SEP 1982
		(2)	RODFORD Beth	28 DEC 1982
		(3)	WATKINS Anna	13 FEB 1983
		(s)	GRAINGER Katherine	12 NOV 1975
5	<b>CHN2</b>	(b)	PAN Feihong	17 JUL 1989
		(2)	WANG Xinnan	12 JUL 1989
		(3)	LIU Tingting	08 SEP 1990
		(s)	YAN Shimin	24 AUG 1987

**Qualification Rules:** 1-2 to Final A, Remainder to Repechage (1-2->FA, 3..->R)

**Note:** Boats not moving on to the next round of races shall be ranked last in the overall event placing.

**Legend:**

(b)	bow	(2)-(3)	seat	(s)	stroke
H	Heat	R	Repechage	Q	Quarterfinal
S	Semifinal	F	Final		

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FISA Data Service

data processing by SWISS TIMING

Report Created THU 8 JUL 2010 / 18:49

**Appendix B.5.3. Start Lists by Name**

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RWC III Lucerne, Switzerland

09 - 11 July 2010

11

**START LIST**

**W4x**

(Event)

**Women's Quadruple Sculls - Heats**

**H**

**Races 52,53**

World Best Time: <b>GER</b> KOEPPEN/ BORON/ RUTSCHOW/ SORGERS	Duisburg (GER) 1996	<b>6:10.80</b>
World Champion: <b>UKR</b> SPIRIUKHOVA/ KOLESNIKOVA/ KOZHENKOVA/ DEMENTIEVA	Poznan (POL) 2009	World Champ'ships <b>6:18.41</b>

Lane 1                      Lane 2                      Lane 3                      Lane 4                      Lane 5                      Lane 6

**Race 52 / 13:06 / Heat 1**

<b>NED</b>	<b>UKR</b>	<b>BLR</b>	<b>GBR</b>	<b>CHN2</b>
(b) WIELAARD K.	KOZHENKOVA A.	PRYVALAVA N.	VERNON A.	PAN F.
(2) VEENHOVEN J.	KOLESNIKOVA T.	KUKHTA T.	RODFORD B.	WANG X.
(3) BOUW C.	TARASENKO K.	BICHYK Y.	WATKINS A.	LIU T.
(s) de HAAN A.	DEMENTIEVA Y.	BONDARAVA N.	GRAINGER K.	YAN S.

**Race 53 / 13:12 / Heat 2**

<b>USA</b>	<b>CHN1</b>	<b>NZL</b>	<b>GER</b>	<b>SUI</b>
(b) CARLE S.	JIN Z.	PATERSON F.	OPPELT B.	NAUNHEIM R.
(2) SHUMWAY M.	TIAN L.	FEATHERY E.	BAER C.	FIECHTER N.
(3) KALMOE M.	DUAN J.	TWINING P.	MANKER T.	HAUSER K.
(s) BERTKO K.	ZHANG Y.	TRAPPITT L.	RICHTER J.	ERNST M.

**Qualification Rules:** 1-2 to Final A, Remainder to Repechage (1-2->FA, 3..->R)

**Note:** Boats not moving on to the next round of races shall be ranked last in the overall event placing.

**Legend:**

(b)	bow	(2)-(3)	seat	(s)	stroke
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FISA Data Service

data processing by SWISS TIMING

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**Appendix B.5.3. Summary Start List**

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RWC III Lucerne, Switzerland

09 - 11 July 2010

## START LIST SUMMARY

SAT 10 JUL 2010

Race	Start	Event		Round	Lanes						Qualification Rules
		Code	Number		1	2	3	4	5	6	
112	8:30	LW1x	[17]	Semifinal A/B 1	CAN	BRA	GER1	AUT	GBR	SWE2	1-3->FA, 4..->FB
113	8:36	LW1x	[17]	Semifinal A/B 2	NED	SWE1	GRE	ITA	JPN2	IRL	1-3->FA, 4..->FB
114	8:42	LM1x	[18]	Semifinal A/B 1	GER3	NZL	NED	JPN2	SVK	FRA1	1-3->FA, 4..->FB
115	8:48	LM1x	[18]	Semifinal A/B 2	TUR2	GER2	HUN	ITA	GRE	DEN	1-3->FA, 4..->FB
116	8:54	LM2-	[20]	Semifinal A/B 1	CHN	NED	FRA1	GBR	DEN	ITA	1-3->FA, 4..->FB
117	9:00	LM2-	[20]	Semifinal A/B 2	SUI	FRA2	CHI	GER	CAN	HKG	1-3->FA, 4..->FB
118	9:06	LM4x	[22]	Repechage	ARG	GER2	DEN	IRL	GER1	BRA	1-4->FA, 5..->FB
119	9:12	M1x	[7]	Final F	MDA	TUR	ITA				
120	9:18	LW1x	[17]	Final E	HKG	VEN	JPN4				
121	9:24	LM1x	[18]	Final E	TUR3	SUI2	CHI	FIN	BEL3	COL	
122	9:30	M2x	[4]	Final E	URU	BLR	HKG				
123	9:36	LM4-	[10]	Final E	IRQ	INA					
124	9:42	M1x	[7]	Final E	MON	IRQ	SUI2	ARG	CHI	CRO	
125	9:48	LW1x	[17]	Final D	DEN2	FRA	DEN4	DEN1	POL	PAR	
126	9:54	LM1x	[18]	Final D	IRL	VEN1	TUR1	JPN1	BUL	BEL1	
127	10:00	M2-	[2]	Final D	EGY2	FRA1					
128	10:06	LM2x	[9]	Final D	NED	URU	VEN	IND			
129	10:12	M4-	[5]	Final D	CHN2	ARG2	ARG1	IND			
130	10:18	LW2x	[8]	Final D	CUB	ARG	FRA	HUN	POR		
131	10:24	M2x	[4]	Final D	BEL	DEN	GER	USA2	CRO	KOR	
132	10:30	LM4-	[10]	Final D	DEN2	CHN	AUT	IND	TUR	CHI	
133	10:36	W1x	[6]	Final D	ARG	CHN1					
134	10:42	M1x	[7]	Final D	GRE	FIN2	AUS	BEL2	IND	AUT	



RWC III Lucerne, Switzerland

09 - 11 July 2010

## START LIST SUMMARY

SAT 10 JUL 2010

Race	Start	Event		Round	Lanes						Qualification Rules
		Code	Number		1	2	3	4	5	6	
135	10:48	LW1x	[17]	Final C	SUI	DEN3	USA	ZAM	JPN1	AUS	
136	10:54	LM1x	[18]	Final C	GER1	NOR2	SUI1	HKG	FRA3	AUT	
137	11:00	LM2-	[20]	Final C	INA	JPN1	IRL	JPN2	BRA		
138	11:06	M2-	[2]	Final C	EGY1	CUB	CZE	AUS	FRA2	IRL	
139	11:12	W2x	[3]	Final C	FIN	RUS	DEN1	KOR			
140	11:18	LM2x	[9]	Final C	HUN	RUS	FRA1	POL	SLO	CUB	
141	11:24	M4-	[5]	Final C	CHN1	NED	GER2	POL	ITA	BLR	
142	11:30	LW2x	[8]	Final C	IRL	SWE	GER2	ITA	SUI2	RUS	
143	11:36	M2x	[4]	Final C	GRE	BRA	ARG	AUS	EST2	CHN	
144	11:42	LM4-	[10]	Final C	POL	ARG	USA	RSA	ESP	CAN	
145	11:48	W1x	[6]	Final C	FIN	CHI	CHN2	GER2	EST	IRL	
146	11:54	M1x	[7]	Final C	GBR2	EST	CHN	RSA	FIN1	NZL2	
147	12:00	W4-	[15]	Race for Lanes		GER	IND	CHN			1..->FA
148	12:06	M2+	[16]	Race for Lanes	ITA	AUS					1..->FA
149	12:12	LM8+	[19]	Race for Lanes	ITA	NED					1..->FA
150	13:30	W2-	[1]	Repechage 1	CHN2	CHN1	AUS1	AUS2	RSA		1-2->FA, 3..->FB
151	13:36	W2-	[1]	Repechage 2	CRO	FRA	USA2	GER1	GBR		1-2->FA, 3..->FB
152	13:42	M2-	[2]	Semifinal A/B 1	RSA	ITA	GBR1	GRE1	SRB1	NED	1-3->FA, 4..->FB
153	13:48	M2-	[2]	Semifinal A/B 2	GER2	USA	GRE2	NZL	GBR2	GER1	1-3->FA, 4..->FB
154	13:54	W2x	[3]	Semifinal A/B 1	DEN2	BLR	GBR1	USA1	CZE	CHN	1-3->FA, 4..->FB
155	14:00	W2x	[3]	Semifinal A/B 2	FRA	ITA	AUS	GER	USA2	CAN	1-3->FA, 4..->FB
156	14:06	LM2x	[9]	Semifinal A/B 1	AUT	NOR	NZL	CAN	CHN1	CHN2	1-3->FA, 4..->FB
157	14:12	LM2x	[9]	Semifinal A/B 2	GRE	ITA1	GER	GBR	USA	POR	1-3->FA, 4..->FB



RWC III Lucerne, Switzerland

09 - 11 July 2010

## START LIST SUMMARY

SAT 10 JUL 2010

Race	Start	Event		Round	Lanes						Qualification Rules
		Code	Number		1	2	3	4	5	6	
158	14:18	M4-	[5]	Semifinal A/B 1	SLO	NZL1	SRB	GBR	FRA	GER1	1-3->FA, 4..->FB
159	14:24	M4-	[5]	Semifinal A/B 2	CAN	CZE	USA1	NZL2	USA2	AUS	1-3->FA, 4..->FB
160	14:30	LW2x	[8]	Semifinal A/B 1	JPN	NED	BEL	GBR	POL	ESP	1-3->FA, 4..->FB
161	14:36	LW2x	[8]	Semifinal A/B 2	CHN	AUS	GER1	CAN	GRE	SUI1	1-3->FA, 4..->FB
162	14:42	M2x	[4]	Semifinal A/B 1	ITA2	FRA	EST1	NOR	CZE	CUB	1-3->FA, 4..->FB
163	14:48	M2x	[4]	Semifinal A/B 2	SLO	SUI	NZL	GBR	USA1	POL	1-3->FA, 4..->FB
164	14:54	LM4-	[10]	Semifinal A/B 1	CZE	FRA	SUI	GBR	DEN1	AUS2	1-3->FA, 4..->FB
165	15:00	LM4-	[10]	Semifinal A/B 2	JPN	ITA	GER	NED	AUS1	SRB	1-3->FA, 4..->FB
166	15:06	W4x	[11]	Repechage	SUI	NZL	CHN1	CHN2	NED	BLR	1-2->FA, 3..->FB
167	15:12	M4x	[12]	Semifinal A/B 1	BLR	RUS	GER	GBR	ITA	NZL	1-3->FA, 4..->FB
168	15:18	M4x	[12]	Semifinal A/B 2	UKR	POL	CRO	AUS	USA	CHN	1-3->FA, 4..->FB
169	15:24	W8+	[13]	Repechage	BLR	RUS	NED	CHN	POL		1-2->FA, 3..->FB
170	15:30	W1x	[6]	Semifinal A/B 1	NZL2	USA	RUS	BLR	LTU	POL	1-3->FA, 4..->FB
171	15:36	W1x	[6]	Semifinal A/B 2	GER1	BEL	SWE	CZE	CAN	GBR	1-3->FA, 4..->FB
172	15:42	M1x	[7]	Semifinal A/B 1	NED	NOR	NZL1	CZE	SUI1	CUB	1-3->FA, 4..->FB
173	15:48	M1x	[7]	Semifinal A/B 2	GER2	CAN	BEL1	GBR1	LTU	SWE	1-3->FA, 4..->FB
174	15:54	M8+	[14]	Repechage 1	EST	CHN	AUS	POL	NED		1-2->FA, 3..->FB
175	16:00	M8+	[14]	Repechage 2	TUR	USA	GBR	ITA			1-2->FA, 3..->FB
176	16:06	LW1x	[17]	Final B							
177	16:12	LM1x	[18]	Final B							
178	16:18	LM2-	[20]	Final B							
179	16:24	LM4x	[22]	Final B							
180	16:40	LW1x	[17]	Final A							
181	16:50	LM1x	[18]	Final A							
182	17:00	LM2-	[20]	Final A							



RWC III Lucerne, Switzerland

09 - 11 July 2010

## START LIST SUMMARY

SAT 10 JUL 2010

Race	Start	Event		Round	Lanes						Qualification Rules
		Code	Number		1	2	3	4	5	6	
183	17:10	W4-	[15]	Final A							
184	17:20	M2+	[16]	Final A							
185	17:30	LM4x	[22]	Final A							
186	17:40	LM8+	[19]	Final A							

**Note:** Boats not moving on to the next round of races shall be ranked last in the overall event placing.

**Legend:**

W2-	Women's Pair	M2-	Men's Pair	W2x	Women's Double Sculls
M2x	Men's Double Sculls	M4-	Men's Four	W1x	Women's Single Sculls
M1x	Men's Single Sculls	LW2x	Lightweight Women's Double Sculls	LM2x	Lightweight Men's Double Sculls
LM4-	Lightweight Men's Four	W4x	Women's Quadruple Sculls	M4x	Men's Quadruple Sculls
W8+	Women's Eight	M8+	Men's Eight	W4-	Women's Four
M2+	Men's Coxed Pair	LW1x	Lightweight Women's Single Sculls	LM1x	Lightweight Men's Single Sculls
LM8+	Lightweight Men's Eight	LM2-	Lightweight Men's Pairs	LM4x	Lwt. Men's Quadruple Sculls
H	Heat	R	Repechage	Q	Quarterfinal
S	Semifinal	F	Final		

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### **Appendix B.5.3. Result list with names**

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RWC III Lucerne, Switzerland

09 - 11 July 2010

**7**  
(Event)

**RESULTS**  
**Men's Single Sculls - Semifinal A/B 2**  
**SAT 10 JUL 2010**

**M1x**  
**SA/B 2**  
**Race 173**

World Best Time: <b>NZL</b> DRYSDALE Mahe	WCH Poznan, Poland (POL) 2009	<b>6:33.35</b>
World Champion: <b>NZL</b> DRYSDALE Mahe	Poznan (POL) 2009	World Champ'ships <b>6:33.35</b>

Rank	Lane	NOC Code	Name	500m	1000m	1500m	2000m	Qual. Code
1	4	<b>GBR1</b>	(b) <b>CAMPBELL Alan</b>	1:41.34	3:27.02 1:45.68	5:12.63 1:45.61 0.25	<b>6:55.18</b> <b>1:42.55</b>	FA
2	2	<b>CAN</b>	(b) <b>HOWARD Malcolm</b>	DNA	DNA	DNA	<b>6:56.27</b> <b>1.09</b>	FA
3	6	<b>SWE</b>	(b) <b>KARONEN Lassi</b>	1:42.66 1.32	3:27.78 1:45.12 0.76	5:12.38 1:44.60	<b>6:56.45</b> <b>1:44.07</b> <b>1.27</b>	FA
4	5	<b>LTU</b>	(b) <b>GRISKONIS Mindaugas</b>	1:43.60 2.26	3:31.23 1:47.63 4.21	5:15.88 1:44.65 3.50	<b>6:56.73</b> <b>1:40.85</b> <b>1.55</b>	FB
5	1	<b>GER2</b>	(b) <b>NOLTE Falko</b>	1:43.97 2.63	3:32.99 1:49.02 5.97	5:23.76 1:50.77 11.38	<b>7:22.61</b> <b>1:58.85</b> <b>27.43</b>	FB
6	3	<b>BEL1</b>	(b) <b>MAEYENS Tim</b>	1:42.48 1.14	3:29.87 1:47.39 2.85	5:37.16 2:07.29 24.78	<b>7:54.75</b> <b>2:17.59</b> <b>59.57</b>	FB

**Qualification Rules:** 1-3 to Final A, Remainder to Final B (1-3->FA, 4...->FB)

**Note:** Boats not moving on to the next round of races shall be ranked last in the overall event placing.

**Legend:**

(b)	bow			
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**Appendix B.5.3. Results Summary by Event**

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**17**  
(Event)

**RESULTS SUMMARY BY EVENT**  
**Women's Lightweight Single Sculls**

**LW1x**

As of 10 JUL 2010

Race	Date	Round	Rank						Qualification Rules
			1	2	3	4	5	6	

Heats								
1	09 JUL 2010	1	<b>GER1</b> 7:49.63	<b>BRA</b> 7:50.22	<b>JPN2</b> 7:55.07	<b>AUS</b> 7:58.85	<b>FRA</b> 8:10.38	1-3->Q, 4..->Q OR FE
2	09 JUL 2010	2	<b>AUT</b> 7:57.54	<b>SWE2</b> 7:59.84	<b>DEN3</b> 8:08.10	<b>DEN1</b> 8:13.92	<b>VEN</b> 8:38.52	1-3->Q, 4..->Q OR FE
3	09 JUL 2010	3	<b>IRL</b> 7:56.17	<b>JPN1</b> 7:58.86	<b>SUI</b> 8:02.36	<b>ZAM</b> 8:06.15	<b>HKG</b> 8:13.50	1-3->Q, 4..->Q OR FE
4	09 JUL 2010	4	<b>GRE</b> 7:58.36	<b>CAN</b> 8:03.08	<b>DEN4</b> 8:07.84	<b>PAR</b> 8:11.46		1-3->Q, 4..->Q OR FE
5	09 JUL 2010	5	<b>GBR</b> 7:53.01	<b>USA</b> 7:54.39	<b>NED</b> 7:57.34	<b>POL</b> 7:58.28		1-3->Q, 4..->Q OR FE
6	09 JUL 2010	6	<b>SWE1</b> 8:00.93	<b>ITA</b> 8:02.00	<b>DEN2</b> 8:03.02	<b>JPN4</b> 8:13.92		1-3->Q, 4..->Q OR FE

Quarterfinals									
71	09 JUL 2010	1	<b>AUT</b> 7:49.91	<b>JPN2</b> 7:50.58	<b>CAN</b> 7:53.70	<b>USA</b> 7:54.40	<b>SUI</b> 8:01.20	<b>POL</b> 8:04.92	1-3->SA/B, 4->FC, 5->?, 6..->FD
72	09 JUL 2010	2	<b>ITA</b> 7:48.29	<b>BRA</b> 7:50.58	<b>IRL</b> 7:51.44	<b>DEN3</b> 8:02.13	<b>DEN4</b> 8:02.94	<b>FRA</b> 8:04.38	1-3->SA/B, 4->FC, 5->?, 6..->FD
73	09 JUL 2010	3	<b>GER1</b> 7:51.93	<b>SWE1</b> 7:55.55	<b>NED</b> 7:58.49	<b>JPN1</b> 8:04.54	<b>DEN1</b> 8:06.04	<b>PAR</b> 8:15.61	1-3->SA/B, 4->FC, 5->?, 6..->FD
74	09 JUL 2010	4	<b>GRE</b> 7:45.64	<b>GBR</b> 7:49.83	<b>SWE2</b> 7:53.38	<b>ZAM</b> 7:57.72	<b>AUS</b> 7:58.74	<b>DEN2</b> 8:11.41	1-3->SA/B, 4->FC, 5->?, 6..->FD

Semifinals									
112	10 JUL 2010	A/B 1	<b>GER1</b> 7:50.83	<b>GBR</b> 7:53.57	<b>BRA</b> 7:54.63	<b>AUT</b> 8:00.73	<b>CAN</b> 8:03.22	<b>SWE2</b> 8:18.29	1-3->FA, 4..->FB
113	10 JUL 2010	A/B 2	<b>GRE</b> 7:54.34	<b>IRL</b> 7:55.71	<b>ITA</b> 7:56.21	<b>JPN2</b> 7:56.29	<b>SWE1</b> 7:59.27	<b>NED</b> 8:17.52	1-3->FA, 4..->FB

Finals									
120	10 JUL 2010	E	<b>HKG</b> 8:12.48	<b>JPN4</b> 8:19.81	<b>VEN</b> 8:50.00				
125	10 JUL 2010	D	<b>POL</b> 7:59.13	<b>DEN4</b> 8:03.27	<b>FRA</b> 8:04.84	<b>PAR</b> 8:06.82	<b>DEN1</b> 8:11.40	<b>DEN2</b> 8:14.25	
135	10 JUL 2010	C	<b>USA</b> 7:48.57	<b>SUI</b> 7:56.42	<b>ZAM</b> 7:58.31	<b>JPN1</b> 8:02.20	<b>AUS</b> 8:07.46	<b>DEN3</b> 8:11.53	
176	10 JUL 2010	B	<b>CAN</b> 7:54.88	<b>AUT</b> 7:55.91	<b>JPN2</b> 7:57.55	<b>SWE1</b> 7:57.81	<b>SWE2</b> 7:59.19	<b>NED</b> 8:10.17	
180	10 JUL 2010	A	<b>GER1</b> 7:48.92	<b>GRE</b> 7:50.69	<b>BRA</b> 7:53.16	<b>GBR</b> 7:57.47	<b>ITA</b> 7:58.14	<b>IRL</b> 8:04.60	



**17**  
(Event)

**RESULTS SUMMARY BY EVENT**  
**Women's Lightweight Single Sculls**

**LW1x**

As of 10 JUL 2010

**Participating Crew**

<b>AUS</b> (b)FENGER Ingrid	<b>AUT</b> (b)TAUPE-TRAER Michaela	<b>BRA</b> (b)BELTRAME Fabiana	<b>CAN</b> (b)PRESTON Sheryl	<b>DEN1</b> (b)ESPERSEN Mia
<b>DEN2</b> (b)GOTTLIEB Marie	<b>DEN3</b> (b)THOMSEN Anne	<b>DEN4</b> (b)OLSEN Helene	<b>FRA</b> (b)RIBEIL Coralie	<b>GBR</b> (b)DENNIS Andrea
<b>GER1</b> (b)DRAEGER Marie-Louise	<b>GRE</b> (b)TSIAVOU Alexandra	<b>HKG</b> (b)LEE Ka Man	<b>IRL</b> (b)MCCROHAN Siobhan	<b>ITA</b> (b)BELLO Erika
<b>JPN1</b> (b)FUKUMOTO Atsumi	<b>JPN2</b> (b)WAKAI Eri	<b>JPN4</b> (b)BANDO Satoko	<b>NED</b> (b)FRENKEN Marie-Anne	<b>PAR</b> (b)MOSQUEIRA Gabriela
<b>POL</b> (b)DERESZ Weronika	<b>SUI</b> (b)WASER Eliane	<b>SWE1</b> (b)KARLSSON Sara	<b>SWE2</b> (b)KNEJP Kristina	<b>USA</b> (b)SARBANIS Meghan
<b>VEN</b> (b)ISLAS Roxana	<b>ZAM</b> (b)Van DEVENTER Antonia			

**Note:** Names of crew are as entered in their last race. Boats not moving on to the next round of races shall be ranked last in the overall event placing.

**Legend:**

(b)	bow				
H	Heat	R	Repechage	Q	Quarterfinal
S	Semifinal	F	Final		

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### **Appendix B.5.3. Daily Results Summary**

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RWC III Lucerne, Switzerland

09 - 11 July 2010

## DAILY RESULTS SUMMARY

SAT 10 JUL 2010

Race	Start Time	Event		Round	Rank						Qualification Rules
		Code	Number		1	2	3	4	5	6	
112	8:30	LW1x	[17]	Semifinal A/B 1	<b>GER1</b>	<b>GBR</b>	<b>BRA</b>	<b>AUT</b>	<b>CAN</b>	<b>SWE2</b>	1-3->FA, 4..->FB
					7:50.83	7:53.57	7:54.63	8:00.73	8:03.22	8:18.29	
113	8:36	LW1x	[17]	Semifinal A/B 2	<b>GRE</b>	<b>IRL</b>	<b>ITA</b>	<b>JPN2</b>	<b>SWE1</b>	<b>NED</b>	1-3->FA, 4..->FB
					7:54.34	7:55.71	7:56.21	7:56.29	7:59.27	8:17.52	
114	8:42	LM1x	[18]	Semifinal A/B 1	<b>NZL</b>	<b>NED</b>	<b>SVK</b>	<b>FRA1</b>	<b>GER3</b>	<b>JPN2</b>	1-3->FA, 4..->FB
					7:10.23	7:11.24	7:12.18	7:14.20	7:30.97	7:35.25	
115	8:48	LM1x	[18]	Semifinal A/B 2	<b>ITA</b>	<b>HUN</b>	<b>GRE</b>	<b>GER2</b>	<b>TUR2</b>	<b>DEN</b>	1-3->FA, 4..->FB
					7:09.96	7:10.11	7:11.15	7:11.76	7:15.35	7:16.41	
116	8:54	LM2-	[20]	Semifinal A/B 1	<b>FRA1</b>	<b>NED</b>	<b>GBR</b>	<b>DEN</b>	<b>CHN</b>	<b>ITA</b>	1-3->FA, 4..->FB
					6:44.13	6:45.64	6:46.16	6:48.64	6:54.03	7:01.45	
117	9:00	LM2-	[20]	Semifinal A/B 2	<b>CAN</b>	<b>FRA2</b>	<b>CHI</b>	<b>GER</b>	<b>SUI</b>	<b>HKG</b>	1-3->FA, 4..->FB
					6:46.27	6:46.49	6:47.36	6:49.02	6:54.36	7:14.14	
118	9:06	LM4x	[22]	Repechage	<b>DEN</b>	<b>GER2</b>	<b>IRL</b>	<b>GER1</b>	<b>BRA</b>	<b>ARG</b>	1-4->FA, 5..->FB
					6:08.60	6:09.43	6:09.99	6:10.63	6:11.13	6:12.14	
119	9:12	M1x	[7]	Final F	<b>TUR</b>	<b>MDA</b>	<b>ITA</b>				
					7:32.41	7:53.63	DNS				
120	9:18	LW1x	[17]	Final E	<b>HKG</b>	<b>JPN4</b>	<b>VEN</b>				
					8:12.48	8:19.81	8:50.00				
121	9:24	LM1x	[18]	Final E	<b>TUR3</b>	<b>FIN</b>	<b>BEL3</b>	<b>SUI2</b>	<b>CHI</b>	<b>COL</b>	
					7:20.53	7:21.10	7:22.34	7:23.37	7:30.39	7:39.43	
122	9:30	M2x	[4]	Final E	<b>HKG</b>	<b>URU</b>	<b>BLR</b>				
					6:46.17	6:55.07	DNS				
123	9:36	LM4-	[10]	Final E	<b>INA</b>	<b>IRQ</b>					
					6:26.80	6:34.07					
124	9:42	M1x	[7]	Final E	<b>CHI</b>	<b>CRO</b>	<b>ARG</b>	<b>MON</b>	<b>SUI2</b>	<b>IRQ</b>	
					7:12.51	7:13.45	7:14.15	7:16.90	7:18.76	7:33.70	
125	9:48	LW1x	[17]	Final D	<b>POL</b>	<b>DEN4</b>	<b>FRA</b>	<b>PAR</b>	<b>DEN1</b>	<b>DEN2</b>	
					7:59.13	8:03.27	8:04.84	8:06.82	8:11.40	8:14.25	
126	9:54	LM1x	[18]	Final D	<b>BUL</b>	<b>JPN1</b>	<b>VEN1</b>	<b>IRL</b>	<b>BEL1</b>	<b>TUR1</b>	
					7:15.81	7:19.21	7:19.66	7:20.83	7:21.82	7:28.18	
127	10:00	M2-	[2]	Final D	<b>FRA1</b>	<b>EGY2</b>					
					6:44.08	7:02.41					
128	10:06	LM2x	[9]	Final D	<b>NED</b>	<b>IND</b>	<b>URU</b>	<b>VEN</b>			
					6:36.22	6:43.92	7:01.67	BUW			
129	10:12	M4-	[5]	Final D	<b>ARG1</b>	<b>CHN2</b>	<b>IND</b>	<b>ARG2</b>			
					6:09.17	6:11.41	6:13.99	6:15.11			
130	10:18	LW2x	[8]	Final D	<b>FRA</b>	<b>HUN</b>	<b>ARG</b>	<b>CUB</b>	<b>POR</b>		
					7:16.33	7:17.44	7:17.99	7:23.00	7:25.82		
131	10:24	M2x	[4]	Final D	<b>USA2</b>	<b>DEN</b>	<b>CRO</b>	<b>BEL</b>	<b>KOR</b>	<b>GER</b>	
					6:27.50	6:31.68	6:34.80	6:35.94	6:36.40	DNS	
132	10:30	LM4-	[10]	Final D	<b>CHN</b>	<b>AUT</b>	<b>IND</b>	<b>CHI</b>	<b>DEN2</b>	<b>TUR</b>	
					6:08.91	6:08.95	6:11.24	6:15.66	6:19.14	6:22.23	

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RWC III Lucerne, Switzerland

09 - 11 July 2010

## DAILY RESULTS SUMMARY

SAT 10 JUL 2010

Race	Start Time	Event		Round	Rank						Qualification Rules				
		Code	Number		1	2	3	4	5	6					
133	10:36	W1x	[6]	Final D	<b>CHN1</b>	<b>ARG</b>									
					8:03.38	8:04.74									
134	10:42	M1x	[7]	Final D	<b>GRE</b>	<b>AUT</b>	<b>BEL2</b>	<b>FIN2</b>	<b>AUS</b>	<b>IND</b>					
					7:03.75	7:05.26	7:06.65	7:07.24	7:12.93	7:24.09					
135	10:48	LW1x	[17]	Final C	<b>USA</b>	<b>SUI</b>	<b>ZAM</b>	<b>JPN1</b>	<b>AUS</b>	<b>DEN3</b>					
					7:48.57	7:56.42	7:58.31	8:02.20	8:07.46	8:11.53					
136	10:54	LM1x	[18]	Final C	<b>SUI1</b>	<b>FRA3</b>	<b>HKG</b>	<b>NOR2</b>	<b>GER1</b>	<b>AUT</b>					
					7:05.30	7:09.02	7:10.95	7:11.06	7:12.93	7:16.96					
137	11:00	LM2-	[20]	Final C	<b>JPN2</b>	<b>JPN1</b>	<b>IRL</b>	<b>BRA</b>	<b>INA</b>						
					6:50.55	6:50.90	6:51.18	7:06.94	7:12.72						
138	11:06	M2-	[2]	Final C	<b>CUB</b>	<b>CZE</b>	<b>IRL</b>	<b>FRA2</b>	<b>AUS</b>	<b>EGY1</b>					
					6:39.17	6:39.86	6:44.52	6:48.80	6:56.86	6:59.75					
139	11:12	W2x	[3]	Final C	<b>DEN1</b>	<b>FIN</b>	<b>KOR</b>	<b>RUS</b>							
					7:12.10	7:12.22	7:17.53	7:22.49							
140	11:18	LM2x	[9]	Final C	<b>FRA1</b>	<b>HUN</b>	<b>SLO</b>	<b>CUB</b>	<b>POL</b>	<b>RUS</b>					
					6:30.22	6:30.57	6:32.32	6:35.92	6:41.00	6:41.56					
141	11:24	M4-	[5]	Final C	<b>POL</b>	<b>BLR</b>	<b>ITA</b>	<b>CHN1</b>	<b>NED</b>	<b>GER2</b>					
					6:01.41	6:03.27	6:04.52	6:04.78	6:06.29	6:07.14					
142	11:30	LW2x	[8]	Final C	<b>ITA</b>	<b>GER2</b>	<b>SWE</b>	<b>SUI2</b>	<b>RUS</b>	<b>IRL</b>					
					7:12.29	7:14.58	7:16.48	7:17.26	7:18.21	7:18.39					
143	11:36	M2x	[4]	Final C	<b>ARG</b>	<b>AUS</b>	<b>EST2</b>	<b>CHN</b>	<b>BRA</b>	<b>GRE</b>					
					6:22.82	6:23.87	6:25.12	6:29.19	6:35.25	6:38.84					
144	11:42	LM4-	[10]	Final C	<b>USA</b>	<b>RSA</b>	<b>CAN</b>	<b>ESP</b>	<b>ARG</b>	<b>POL</b>					
					6:06.56	6:08.01	6:08.65	6:10.98	6:12.02	6:12.36					
145	11:48	W1x	[6]	Final C	<b>GER2</b>	<b>EST</b>	<b>CHN2</b>	<b>IRL</b>	<b>FIN</b>	<b>CHI</b>					
					7:48.52	7:51.57	7:51.92	7:53.15	8:01.18	8:02.95					
146	11:54	M1x	[7]	Final C	<b>CHN</b>	<b>GBR2</b>	<b>RSA</b>	<b>FIN1</b>	<b>NZL2</b>	<b>EST</b>					
					7:06.96	7:08.18	7:08.45	7:11.37	7:18.72	7:21.76					
147	12:00	W4-	[15]	Race for Lanes	<b>CHN</b>	<b>GER</b>	<b>IND</b>								1.->FA
					7:04.68	7:27.87	7:43.07								
148	12:06	M2+	[16]	Race for Lanes	<b>CANCELLED</b>										
149	12:12	LM8+	[19]	Race for Lanes	<b>CANCELLED</b>										
150	13:30	W2-	[1]	Repechage 1	<b>AUS1</b>	<b>AUS2</b>	<b>CHN1</b>	<b>RSA</b>	<b>CHN2</b>						1-2->FA, 3.->FB
					7:14.72	7:16.01	7:23.28	7:40.62	7:41.38						
151	13:36	W2-	[1]	Repechage 2	<b>USA2</b>	<b>GER1</b>	<b>CRO</b>	<b>FRA</b>	<b>GBR</b>						1-2->FA, 3.->FB
					7:20.19	7:23.48	7:25.03	7:40.57	DNS						
152	13:42	M2-	[2]	Semifinal A/B 1	<b>GBR1</b>	<b>ITA</b>	<b>GRE1</b>	<b>NED</b>	<b>SRB1</b>	<b>RSA</b>					1-3->FA, 4.->FB
					6:29.26	6:34.02	6:35.89	6:48.15	6:55.38	7:02.40					
153	13:48	M2-	[2]	Semifinal A/B 2	<b>NZL</b>	<b>GER1</b>	<b>GRE2</b>	<b>USA</b>	<b>GER2</b>	<b>GBR2</b>					1-3->FA, 4.->FB
					6:27.78	6:31.90	6:32.99	6:39.11	6:42.93	6:43.45					

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Race	Start Time	Event		Round	Rank						Qualification Rules
		Code	Number		1	2	3	4	5	6	
154	13:54	W2x	[3]	Semifinal A/B 1	<b>GBR1</b>	<b>USA1</b>	<b>CZE</b>	<b>CHN</b>	<b>BLR</b>	<b>DEN2</b>	1-3->FA, 4..->FB
					6:53.87	6:55.97	6:59.90	7:06.84	7:13.14	7:20.37	
155	14:00	W2x	[3]	Semifinal A/B 2	<b>AUS</b>	<b>GER</b>	<b>USA2</b>	<b>ITA</b>	<b>CAN</b>	<b>FRA</b>	1-3->FA, 4..->FB
					6:54.17	6:58.32	6:59.56	7:10.95	7:15.08	7:18.80	
156	14:06	LM2x	[9]	Semifinal A/B 1	<b>NZL</b>	<b>CHN1</b>	<b>CAN</b>	<b>AUT</b>	<b>NOR</b>	<b>CHN2</b>	1-3->FA, 4..->FB
					6:24.72	6:27.53	6:29.95	6:32.32	6:33.11	6:34.65	
157	14:12	LM2x	[9]	Semifinal A/B 2	<b>GBR</b>	<b>ITA1</b>	<b>GER</b>	<b>POR</b>	<b>GRE</b>	<b>USA</b>	1-3->FA, 4..->FB
					6:23.02	6:26.01	6:30.24	6:33.47	6:36.69	6:39.19	
158	14:18	M4-	[5]	Semifinal A/B 1	<b>GBR</b>	<b>NZL1</b>	<b>FRA</b>	<b>GER1</b>	<b>SRB</b>	<b>SLO</b>	1-3->FA, 4..->FB
					5:51.99	5:53.75	5:54.20	5:55.78	5:57.84	6:06.39	
159	14:24	M4-	[5]	Semifinal A/B 2	<b>AUS</b>	<b>NZL2</b>	<b>USA1</b>	<b>CZE</b>	<b>USA2</b>	<b>CAN</b>	1-3->FA, 4..->FB
					5:56.30	5:56.77	5:57.79	5:58.91	6:01.37	6:01.38	
160	14:30	LW2x	[8]	Semifinal A/B 1	<b>GBR</b>	<b>BEL</b>	<b>POL</b>	<b>NED</b>	<b>ESP</b>	<b>JPN</b>	1-3->FA, 4..->FB
					7:09.72	7:10.59	7:12.90	7:17.17	7:19.52	7:24.83	
161	14:36	LW2x	[8]	Semifinal A/B 2	<b>GER1</b>	<b>GRE</b>	<b>AUS</b>	<b>CAN</b>	<b>CHN</b>	<b>SUI1</b>	1-3->FA, 4..->FB
					7:01.60	7:02.02	7:02.27	7:04.86	7:13.24	7:21.03	
162	14:42	M2x	[4]	Semifinal A/B 1	<b>FRA</b>	<b>EST1</b>	<b>CZE</b>	<b>NOR</b>	<b>CUB</b>	<b>ITA2</b>	1-3->FA, 4..->FB
					6:15.23	6:17.32	6:19.13	6:21.57	6:24.78	6:29.72	
163	14:48	M2x	[4]	Semifinal A/B 2	<b>GBR</b>	<b>NZL</b>	<b>SUI</b>	<b>USA1</b>	<b>SLO</b>	<b>POL</b>	1-3->FA, 4..->FB
					6:13.20	6:14.09	6:15.15	6:17.96	6:25.99	6:26.21	
164	14:54	LM4-	[10]	Semifinal A/B 1	<b>GBR</b>	<b>DEN1</b>	<b>SUI</b>	<b>CZE</b>	<b>AUS2</b>	<b>FRA</b>	1-3->FA, 4..->FB
					5:58.80	5:59.22	6:00.01	6:02.77	6:04.60	6:05.68	
165	15:00	LM4-	[10]	Semifinal A/B 2	<b>ITA</b>	<b>SRB</b>	<b>NED</b>	<b>GER</b>	<b>AUS1</b>	<b>JPN</b>	1-3->FA, 4..->FB
					5:57.91	5:58.00	5:58.25	5:58.33	5:59.27	6:08.95	
166	15:06	W4x	[11]	Repechage	<b>CHN1</b>	<b>NZL</b>	<b>SUI</b>	<b>NED</b>	<b>CHN2</b>	<b>BLR</b>	1-2->FA, 3..->FB
					6:25.32	6:27.41	6:30.26	6:32.82	6:33.36	6:34.84	
169	16:54	W8+	[13]	Repechage	<b>NED</b>	<b>CHN</b>	<b>RUS</b>	<b>POL</b>	<b>BLR</b>		1-2->FA, 3..->FB
					6:15.92	6:17.42	6:21.49	6:24.20	6:27.34		
170	17:00	W1x	[6]	Semifinal A/B 1	<b>BLR</b>	<b>RUS</b>	<b>LTU</b>	<b>USA</b>	<b>POL</b>	<b>NZL2</b>	1-3->FA, 4..->FB
					7:36.92	7:38.69	7:39.23	7:40.69	8:03.59	8:12.95	
171	17:06	W1x	[6]	Semifinal A/B 2	<b>CZE</b>	<b>SWE</b>	<b>GBR</b>	<b>CAN</b>	<b>BEL</b>	<b>GER1</b>	1-3->FA, 4..->FB
					7:36.44	7:39.28	7:42.28	7:42.30	7:51.75	8:05.61	
172	17:12	M1x	[7]	Semifinal A/B 1	<b>CZE</b>	<b>NZL1</b>	<b>NOR</b>	<b>CUB</b>	<b>SUI1</b>	<b>NED</b>	1-3->FA, 4..->FB
					6:55.54	6:57.35	6:57.45	7:04.49	7:26.49	7:42.34	
173	17:18	M1x	[7]	Semifinal A/B 2	<b>GBR1</b>	<b>CAN</b>	<b>SWE</b>	<b>LTU</b>	<b>GER2</b>	<b>BEL1</b>	1-3->FA, 4..->FB
					6:55.18	6:56.27	6:56.45	6:56.73	7:22.61	7:54.75	
174	17:24	M8+	[14]	Repechage 1	<b>AUS</b>	<b>POL</b>	<b>CHN</b>	<b>NED</b>	<b>EST</b>		1-2->FA, 3..->FB
					5:34.99	5:35.62	5:38.54	5:39.48	5:47.69		
175	17:30	M8+	[14]	Repechage 2	<b>GBR</b>	<b>USA</b>	<b>ITA</b>	<b>TUR</b>			1-2->FA, 3..->FB
					5:37.30	5:39.03	5:41.77	5:53.25			
176	17:36	LW1x	[17]	Final B	<b>CAN</b>	<b>AUT</b>	<b>JPN2</b>	<b>SWE1</b>	<b>SWE2</b>	<b>NED</b>	
					7:54.88	7:55.91	7:57.55	7:57.81	7:59.19	8:10.17	

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## DAILY RESULTS SUMMARY

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Race	Start Time	Event		Round	Rank						Qualification Rules
		Code	Number		1	2	3	4	5	6	
177	17:42	LM1x	[18]	Final B	<b>GER2</b>	<b>GER3</b>	<b>FRA1</b>	<b>DEN</b>	<b>TUR2</b>	<b>JPN2</b>	
					7:09.00	7:10.55	7:12.92	7:17.01	7:22.64	7:34.18	
178	17:48	LM2-	[20]	Final B	<b>CHN</b>	<b>DEN</b>	<b>GER</b>	<b>SUI</b>	<b>ITA</b>	<b>HKG</b>	
					6:47.29	6:48.53	6:49.23	6:49.94	6:57.32	7:05.25	
179	17:54	LM4x	[22]	Final B	<b>ARG</b>	<b>BRA</b>					
					6:07.92	6:08.48					
180	18:10	LW1x	[17]	Final A	<b>GER1</b>	<b>GRE</b>	<b>BRA</b>	<b>GBR</b>	<b>ITA</b>	<b>IRL</b>	
					7:48.92	7:50.69	7:53.16	7:57.47	7:58.14	8:04.60	
181	18:20	LM1x	[18]	Final A	<b>HUN</b>	<b>NED</b>	<b>ITA</b>	<b>GRE</b>	<b>NZL</b>	<b>SVK</b>	
					7:10.86	7:13.54	7:14.04	7:18.62	7:19.86	7:19.98	
182	18:30	LM2-	[20]	Final A	<b>FRA1</b>	<b>CAN</b>	<b>FRA2</b>	<b>GBR</b>	<b>CHI</b>	<b>NED</b>	
					6:43.35	6:44.39	6:45.45	6:47.88	6:48.44	6:53.19	
183	18:40	W4-	[15]	Final A	<b>USA</b>	<b>GER</b>	<b>CHN</b>	<b>IND</b>			
					6:47.87	6:54.07	6:56.24	7:27.25			
184	18:50	M2+	[16]	Final A	<b>AUS</b>	<b>ITA</b>					
					7:26.88	7:34.51					
185	19:00	LM4x	[22]	Final A	<b>ITA</b>	<b>GER1</b>	<b>FRA</b>	<b>GER2</b>	<b>DEN</b>	<b>IRL</b>	
					6:30.06	6:32.67	6:32.80	6:35.12	6:35.46	6:42.42	
186	19:10	LM8+	[19]	Final A	<b>ITA</b>	<b>NED</b>					
					6:43.33	6:53.05					

**Note:** Boats not moving on to the next round of races shall be ranked last in the overall event placing.

### Legend:

BUW	Boat under weight	DNS	Did not start		
W2-	Women's Pair	M2-	Men's Pair	W2x	Women's Double Sculls
M2x	Men's Double Sculls	M4-	Men's Four	W1x	Women's Single Sculls
M1x	Men's Single Sculls	LW2x	Lightweight Women's Double Sculls	LM2x	Lightweight Men's Double Sculls
LM4-	Lightweight Men's Four	W4x	Women's Quadruple Sculls	W8+	Women's Eight
M8+	Men's Eight	W4-	Women's Four	M2+	Men's Coxed Pair
LW1x	Lightweight Women's Single Sculls	LM1x	Lightweight Men's Single Sculls	LM8+	Lightweight Men's Eight
LM2-	Lightweight Men's Pairs	LM4x	Lwt. Men's Quadruple Sculls		
H	Heat	R	Repechage	Q	Quarterfinal
S	Semifinal	F	Final		

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## Appendix B.5.4. Distribution system

### TEAMS

	Distribution	Quantity
<b>Timetable</b>	In the Information centre	<b>Up to 100</b> In 1 tray labelled: "Timetables"
	On the Notice boards at the venue	
	On the Notice boards at the hotels	
<b>Entries by Event</b>	In the Information centre	<b>Up to 100</b> In 1 tray labelled: "Entries by Event"
	On the Notice boards at the venue	
	On the Notice boards at the hotels	
<b>Entry List by Event (with names)</b>	In the Information centre	<b>1 set</b> In 1 tray labelled: "Entries by Event" with names
	On the Notice boards at the venue	
<b>Entry List by Country and Event (with names)</b>	In the Information centre	<b>1 set</b> In 1 tray labelled: <b>Entry List by Country and Event (with names)</b>
<b>Start Lists Summary</b>	In the Information centre Delivered immediately after the last race of the racing session.	<b>Up to 100 - 150</b> In 1 tray labelled: <b>"Start Lists Summary"</b>
	On the Notice boards at the venue	
	On the Notice boards at the hotels	
<b>Start Lists (with names)</b>	In the Information centre Delivered immediately after the last race of the respective Event.	<b>1 list (for each event)</b> In a dedicated tray for each Event. Labelled with the respective Event code. For example "M1x".
	On the Notice boards at the venue	
<b>Results Lists (detailed)</b>	In the Information centre Delivered immediately after each race	Number adjusted to the number of participating crews in the respective event. In a dedicated trays, labelled with the respective race number and event code. For example "M1x - Race N° 56". The number of the trays calculated according to the number of the races.

	On the Notice boards at the venue	
	<b>Distribution</b>	<b>Quantity</b>
<b>Results Lists Summary</b>	In the Information centre Delivered immediately after the last race of the racing session.	<b>Up to 100</b> In 1 tray labelled: "Results Lists Summary"
	On the Notice boards at the venue	
	On the Notice boards at the hotels	

#### International Jury (Control Commission)

	Distribution	Quantity
Timetable	In the Information Centre, or in the Jury meeting room or in the FISA office On the Notice boards at the hotels	<b>25</b> In 1 tray labelled: "Timetables"
<b>Start Lists Summary</b>	In the Information Centre, or in the Jury meeting room or in the FISA office. Delivered after the last race of the racing session. On the Notice boards at the hotels	<b>25</b> In 1 tray labelled: "Start Lists Summary"
<b>Start Lists (with names)</b>	In the Information Centre, or in the Jury meeting room or in the FISA office Delivered after the last race of the racing session.	<b>5 sets</b> In 1 tray labelled: "Start Lists (with names)"
<b>Results Lists (detailed)</b>	In the Information Centre, or in the Jury meeting room or in the FISA office. Delivered at the end of each racing session	<b>5 sets</b> In 1 tray labelled: "Results Lists (detailed)"
<b>Results Lists Summary</b>	In the Information Centre, or in the Jury meeting room or in the FISA office Delivered at the end of each racing session On the Notice boards at the hotels	<b>5</b> In 1 tray labelled: "Results Lists Summary"

#### FISA Council & Commissions

	Distribution	Quantity
Timetable	In the FISA office On the Notice boards at the hotels	<b>25</b> In 1 tray labelled: "Timetables"
<b>Entries by Event</b>	In the FISA office	<b>5</b> In 1 tray labelled: "Entries by Event"

	On the Notice boards at the hotels	
	<b>Distribution</b>	<b>Quantity</b>
<b>Entry List by Event (with names)</b>	In the FISA office	<b>5 sets</b> In 1 tray labelled: "Entry List by Event (with names)"
<b>Entry List by Country and Event (with names)</b>	In the FISA office	<b>2 sets</b> In 1 tray labelled: "Entry List by Country and Event (with names)"
<b>Start Lists Summary</b>	In the FISA office Delivered after the last race of the racing session.	<b>20</b> In 1 tray labelled: " <b>Start Lists Summary</b> "
	On the Notice boards at the hotels	
<b>Start Lists (with names)</b>	In the FISA office Delivered after the last race of the racing session.	<b>5</b> In 1 tray labelled: " <b>Start Lists (with names)</b> "
<b>Results Lists (detailed)</b>	In the FISA office. Delivered after the last race of the racing session.	<b>5 sets</b> In 1 tray labelled: " <b>Results Lists (detailed)</b> "
<b>Results Lists Summary</b>	In the FISA office Delivered after the last race of the racing session.	<b>5</b> In 1 tray labelled: " <b>Results Lists Summary</b> "
	On the Notice boards at the hotels	

## Media

The number of copies of the respective lists to be discussed with the Organising Committee Media Officer and FISA.

	<b>Distribution</b>	<b>Quantity</b>
<b>Timetable</b>	Printed in the Media Centre On the Notice boards at the hotels	In 1 tray labelled: "Timetables"
<b>Start Lists Summary</b>	Printed in the Media Centre Delivered after the last race of the racing session.	In 1 tray labelled: " <b>Start Lists Summary</b> "
	On the Notice boards at the hotels	
<b>Start Lists (with names)</b>	Printed in the Media Centre Delivered immediately after the last race of the respective Event.	In 1 tray labelled: " <b>Start Lists (with names)</b> " In a dedicated tray for each Event. Labelled with the respective Event code. For example "M1x".
<b>Media Start Lists (with names)</b>	Printed in the Media Centre Delivered immediately after the	In a dedicated tray for each Event. Labelled with the respective Event

	last race of the respective Event.	code. For example "M1x".
	<b>Distribution</b>	<b>Quantity</b>
<b>Results Lists (detailed)</b>	Printed in the Media Centre. Delivered after the end of each race	In a dedicated trays, labelled with the respective race number and event code. For example "M1x - Race N° 56". The number of the trays is calculated according to the number of the races.
<b>Results Lists Summary</b>	Printed in the Media Centre. Delivered at the end of each racing session On the Notice boards at the hotels	In 1 tray labelled: " <b>Results Lists Summary</b> "

**Hard copies of Start lists must be personally delivered to:**

- **Doping Control** - 1 set of copies of the Start Lists (with names) of all the races stapled together in race order and 1 copy of each Start List Summary. One copy of each result list (with the names) immediately after each race.
- **Boat Weighing** - 1 copy of each Start List Summary. 1 copy of each result list (with the names) immediately after each race.
- **Athlete Weighing** - 3 sets of copies of the Start Lists (with names) of all the races stapled together in race order and 3 copies of each Start List Summary
- **Race Commentary** - 6 (8) sets of copies of the Media Start Lists (with names) of all the races stapled together in race order and 6 copies of each Start List Summary - single sided. To be provided in the Press centre in a separate tray.

VIP & Sponsors

Summary Start and Results Lists - delivered at the VIP areas

\*Number depends on the number of attending VIPs

**Spectators**

Summary Start and Results Lists - for sale or for free at the Information booths.

Displayed on the Information boards in spectators areas

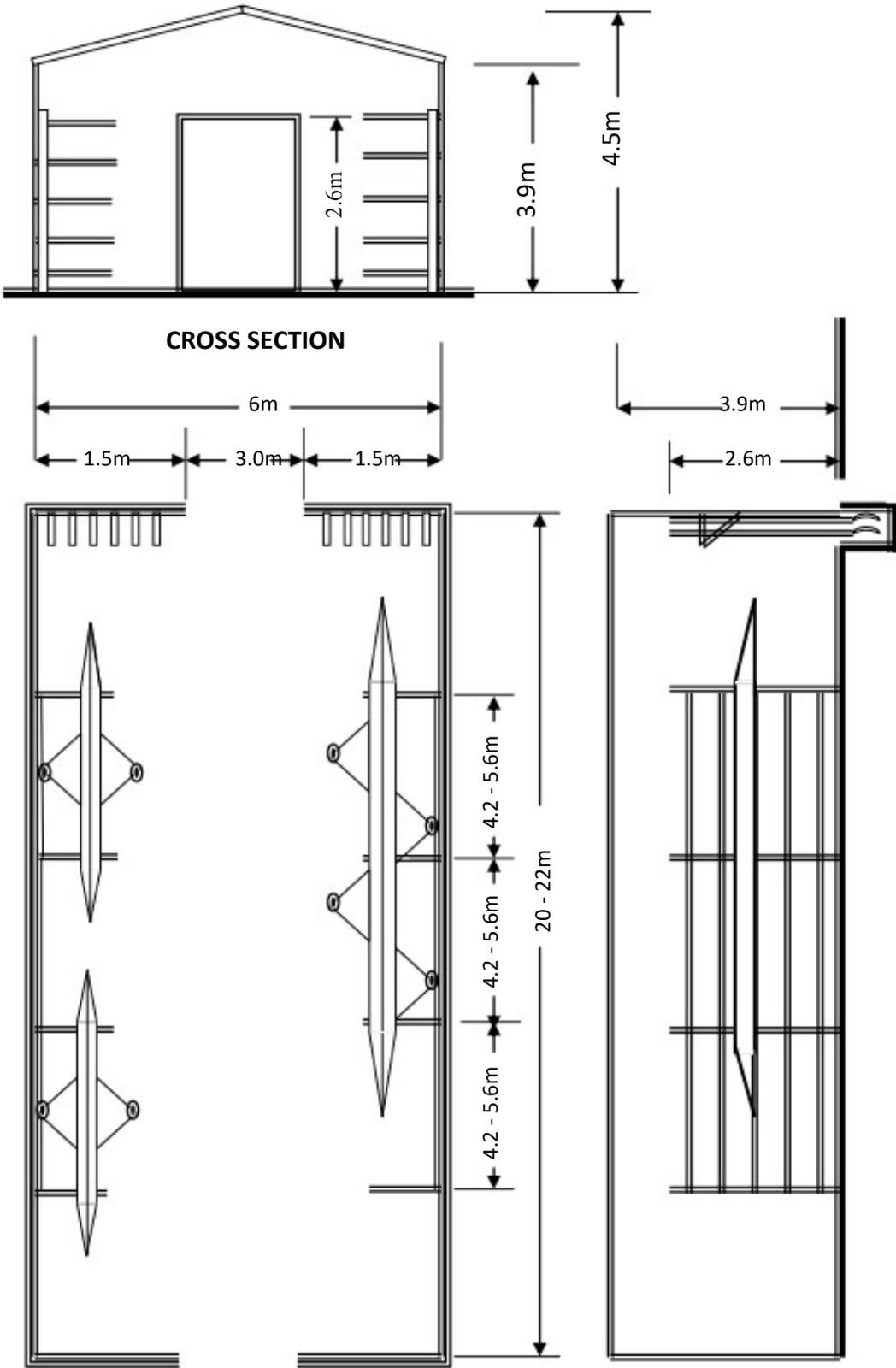
Note:

- All lists can be copied double sided (one side colour side and the other with no logo). Exception - the Media Start Lists for the Race commentators, for the TV & Radio commentators must single sided.
- All sets must be stapled.

Appendix B.7.2.a. Boat Storage

**BOAT STORAGE**

OPTION 1

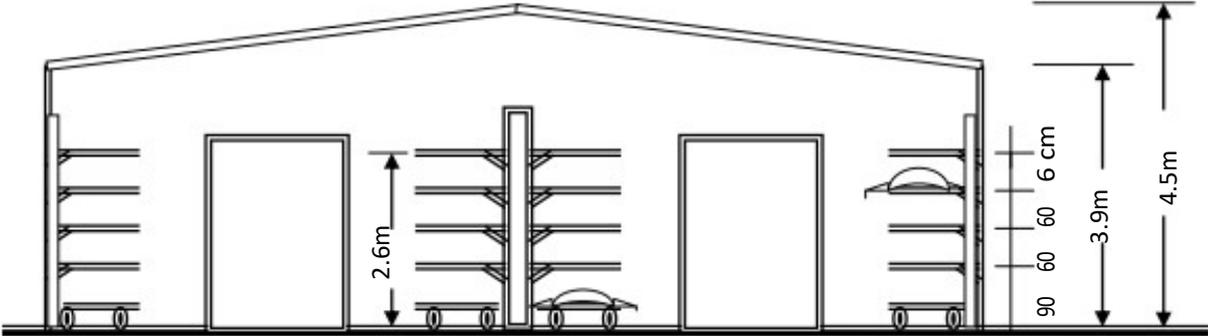


PLAN

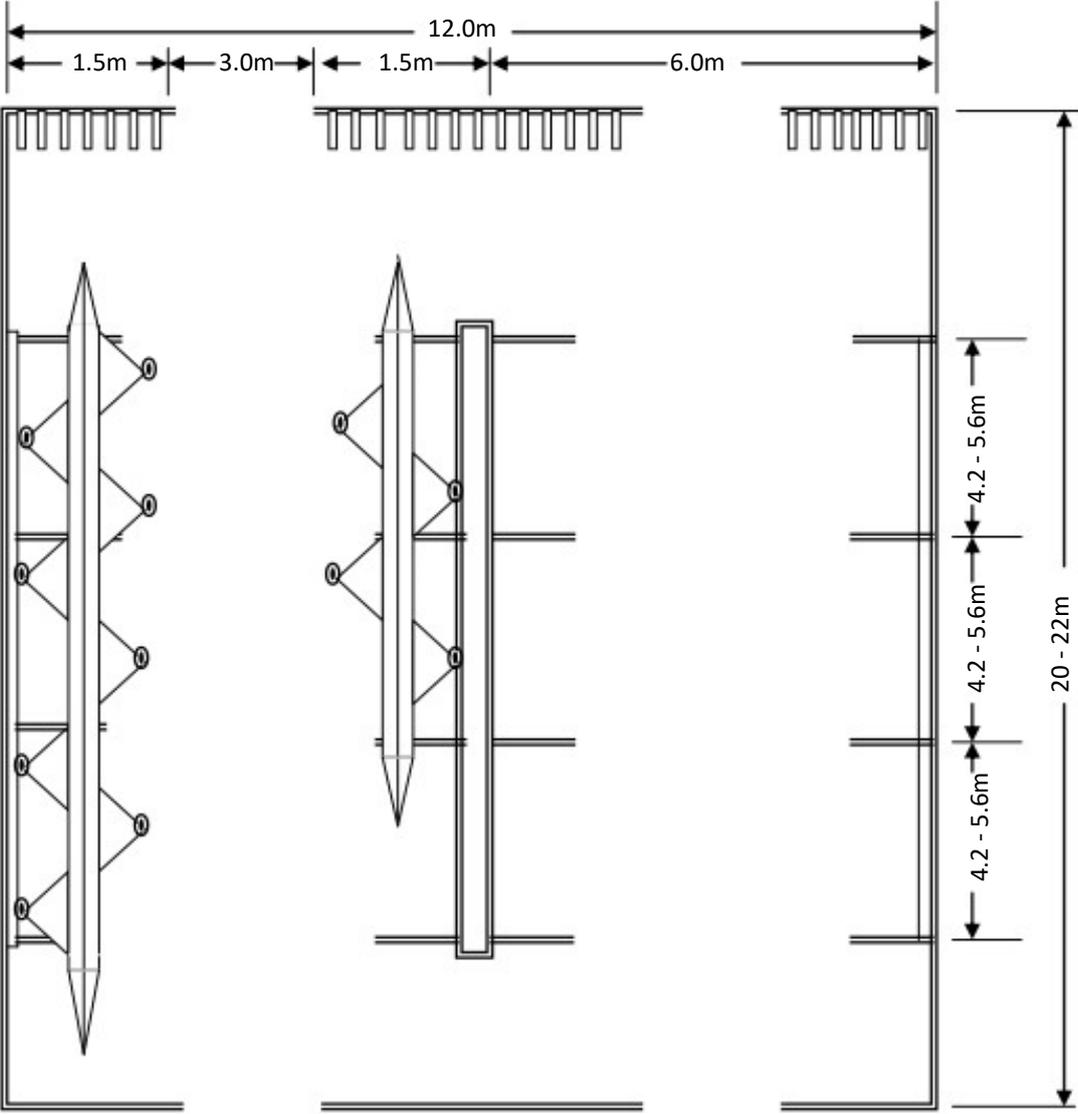
LONGITUDINAL SECTION

# BOAT STORAGE

## OPTION 2



CROSS SECTION



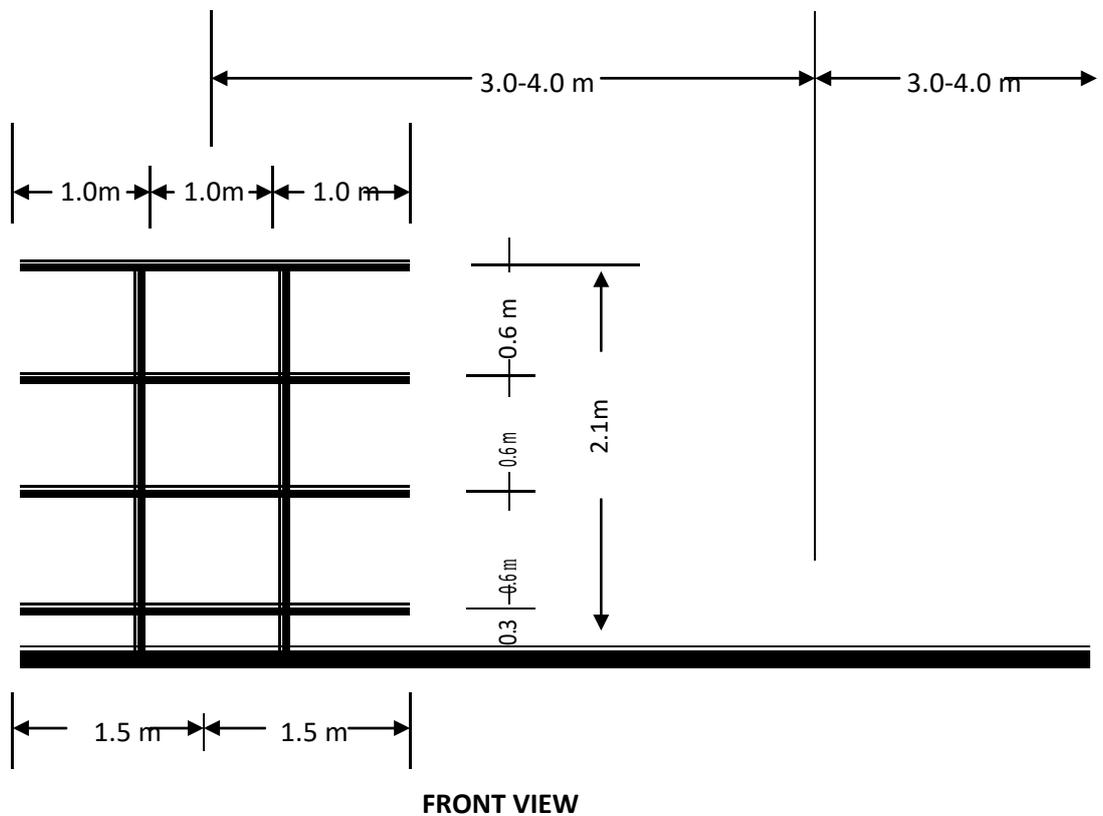
PLAN

**RECOMMENDED MEASUREMENTS**

**Boat Racks**

- Units for Eights - 3 supporting racks set 4.2 m apart (or 5.6 m apart).
- Units for Fours - 3 supporting racks set 4.2 m apart (or 5.6 m apart).
- Units for Pairs - 2 supporting racks set 2.8 m apart.  
- Alternatively the Pairs and Doubles can also be placed on racks 4.2 m apart but they will then need a V-shaped support under the bow section.
- Units for Singles - 2 supporting racks set 2.8 m/4.2 m.
- Vertical distance - The vertical distance between racks should be 60 cm.

**TEMPORARY BOAT STORAGE (outdoor)**

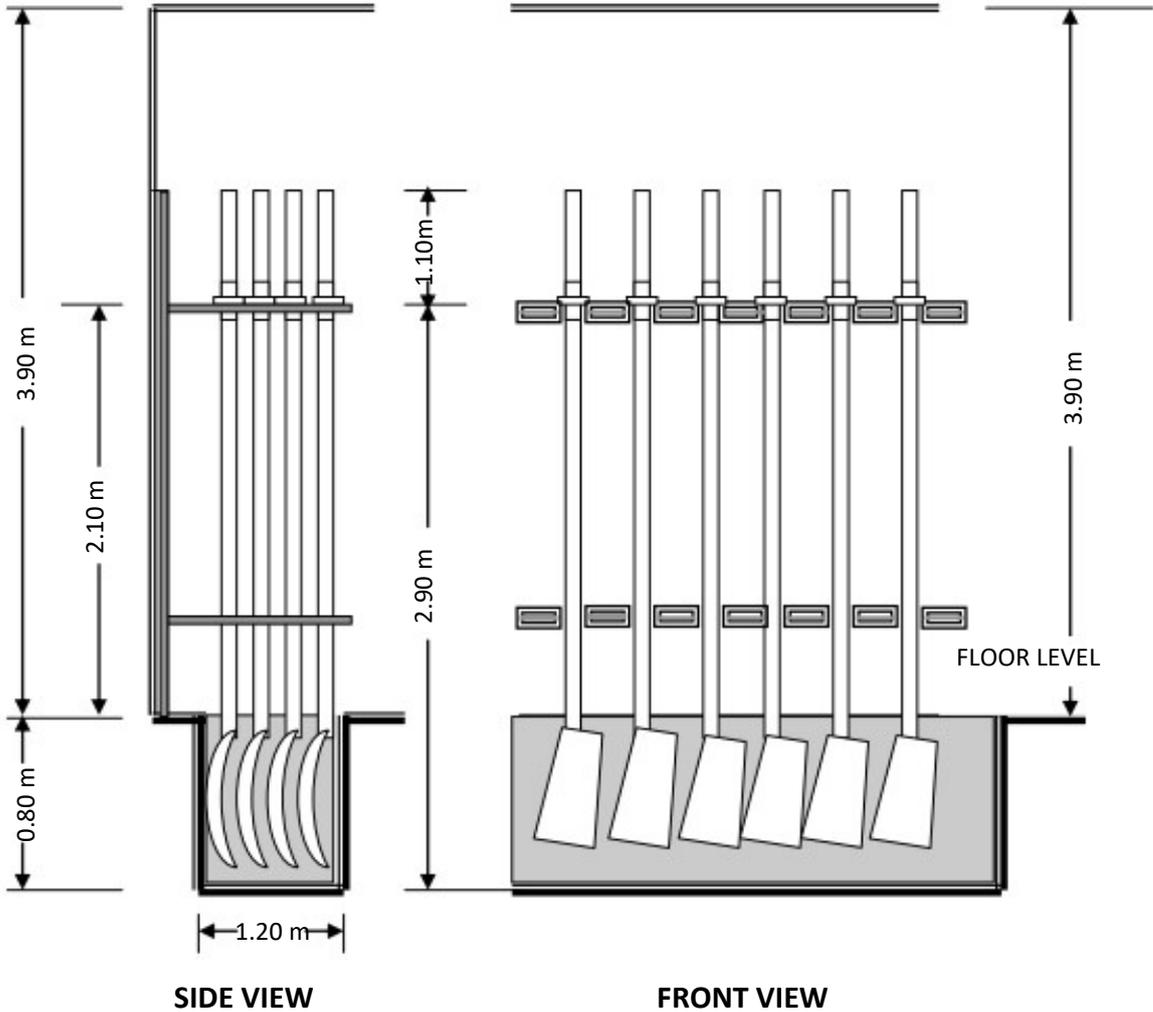


Space between the units - ideally 8m between the centres of the racks to allow for a boat to be set on trestles between the units and to be rigged.  
The minimum distance between the centres of the racks could be 6m (ideally 8m).

Appendix B.7.2.b. Oar Racks

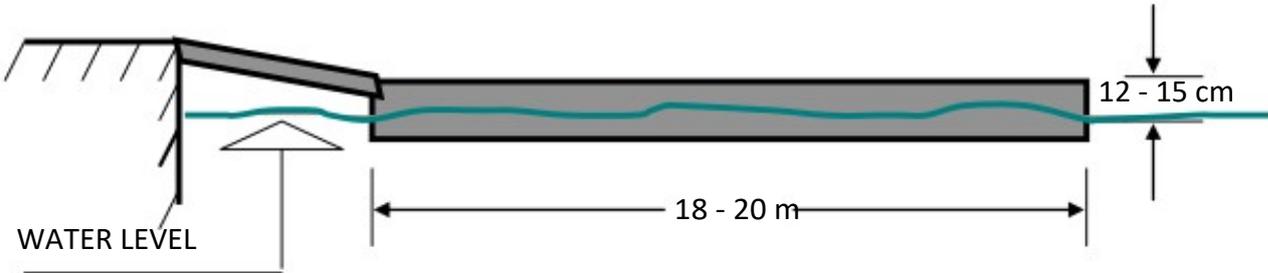
**OAR RACKS**

RECOMMENDED MEASUREMENTS  
INDOOR OAR RACKS

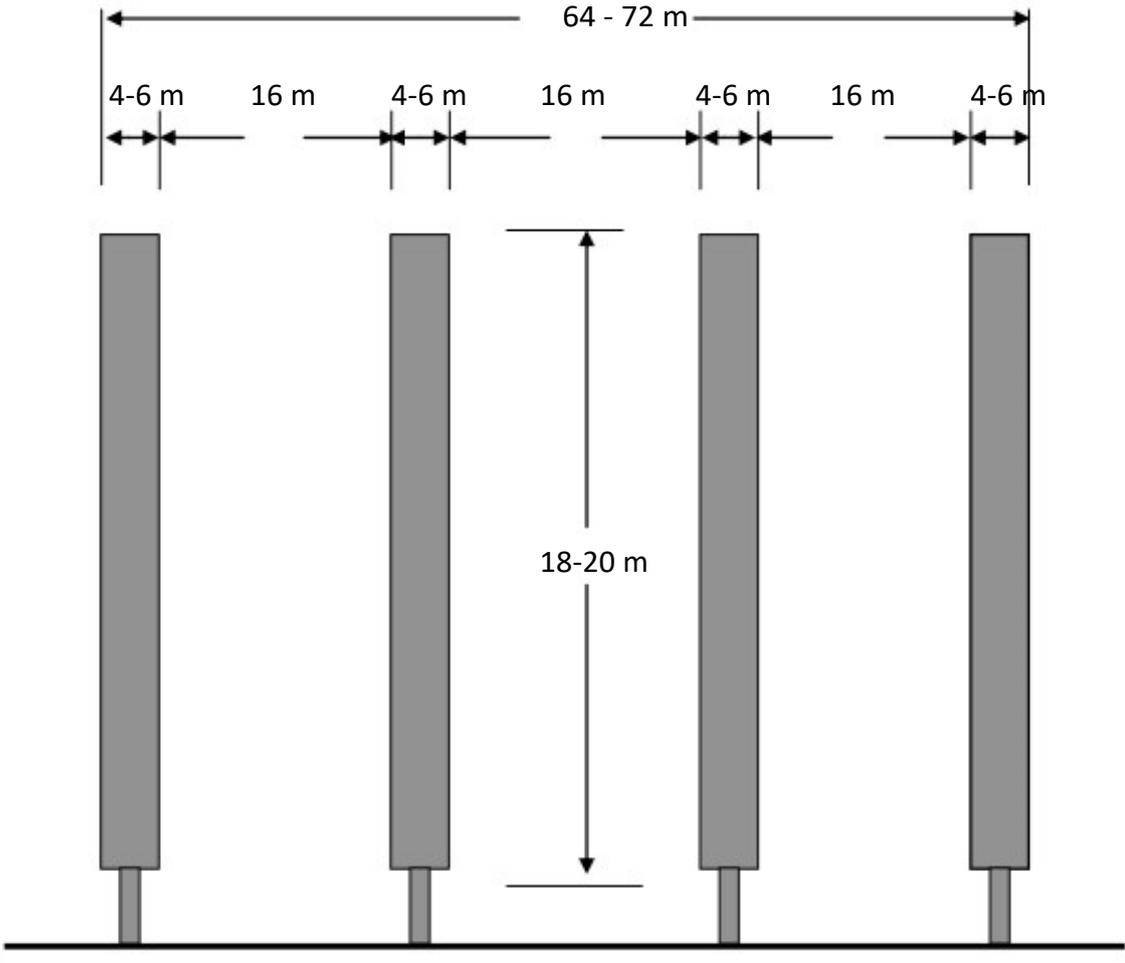


BLADES STORED BELOW FLOOR LEVEL

**Appendix B.7.5. Boat Pontoons**



**SIDE VIEW**

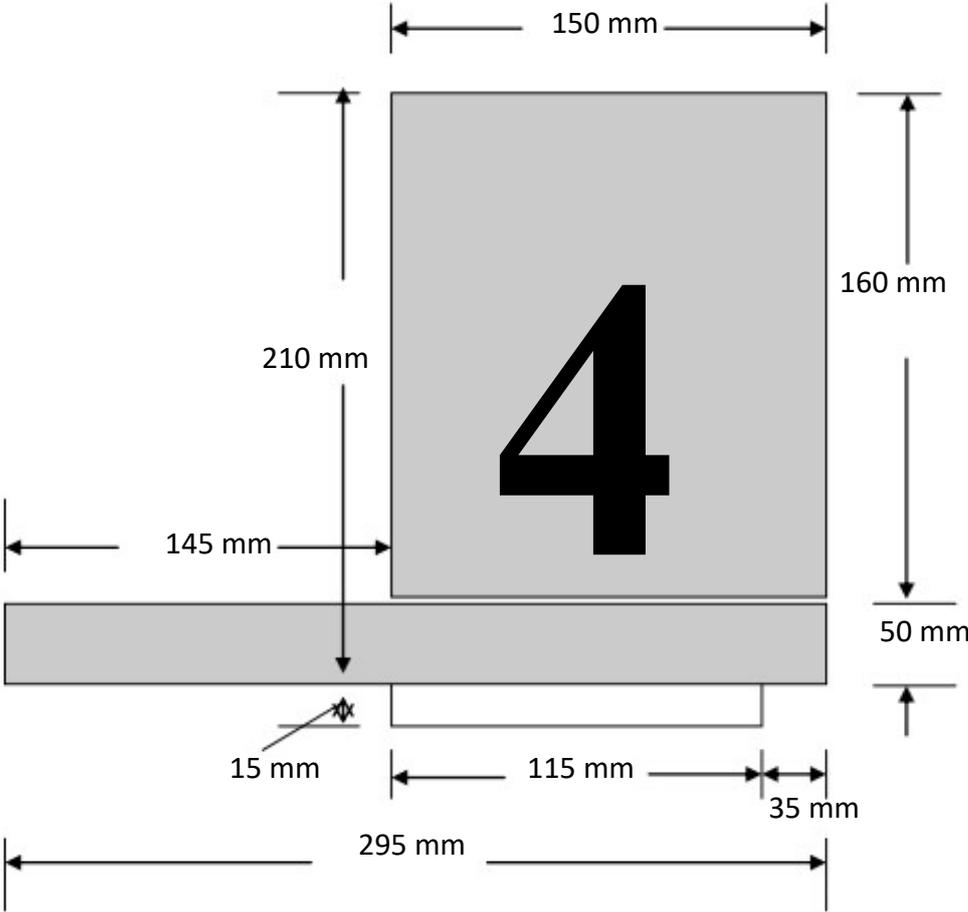


**PLAN**

**Appendix B.7.6.a. Bow number**

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**BOW NUMBER**



**Appendix B.7.6.b. Team Identification Form**

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Bled, Slovenia  
8 - 10 May, 2015

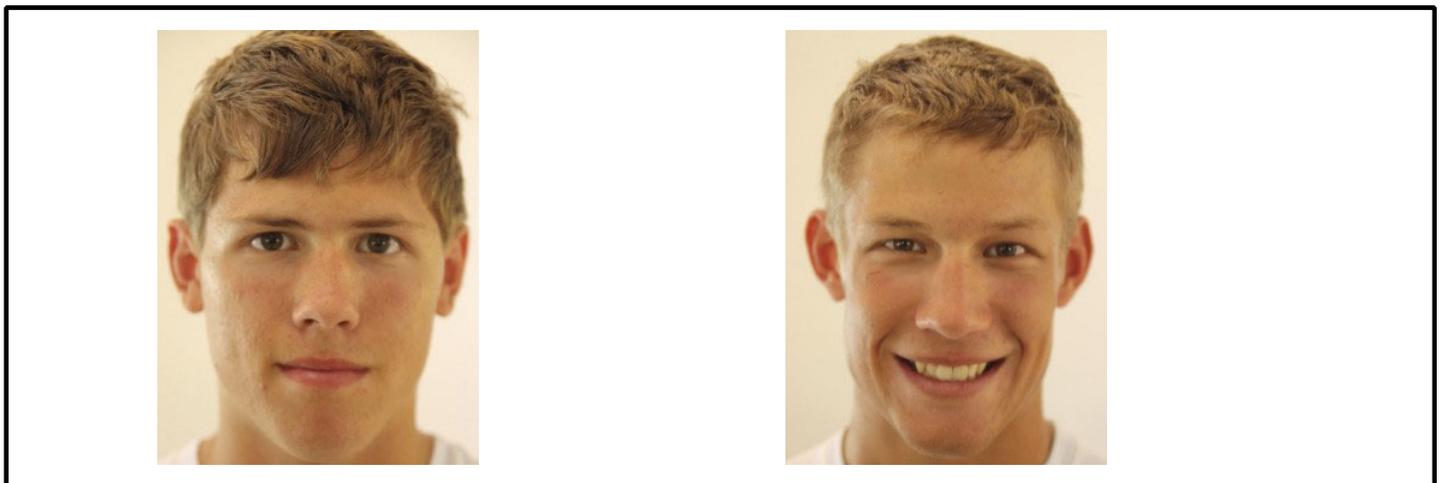
WRC I Bled, Slovenia

09 - 10 May

**9**  
(Event)

**LM2x**

# AUT



Seat	Family (Last) Name	Given (First) Name	H	R	Q	SF	F
Bow	SIEBER	Paul					
Stroke	SIEBER	Bernhard					
Average Weight							
Official's Signature							

INTERNET Service: [www.worldrowing.com](http://www.worldrowing.com)  
FISA Data Service

Page 1 of 1  
data processing by

Report Created SAT 09 MAY 2015 / 12:52:32



**Appendix B.7.6.c. Crew Change Form**

---



N°

City, Country \_\_\_\_\_ Date: dd mm yy

### Crew Change Form

- Reason for Change:
- Withdrawal       Change of Rower(s)       Medical Substitution       Change in Seating Position(s) of Rower(s)       Spelling

(See the latest edition of the Rule Book)

Boat Class \_\_\_\_\_ Event No: \_\_\_\_\_

National Federation: \_\_\_\_\_

	Entered Crew		File Code	Changed Crew		File Code
	Family (last) Name	Given (first) Name		Family (last) Name	Given (first) Name	
b						
2						
3						
4						
5						
6						
7						
8						
c						

Signature: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ year

Name (printed): \_\_\_\_\_

[IF MEDICAL SUBSTITUTION]

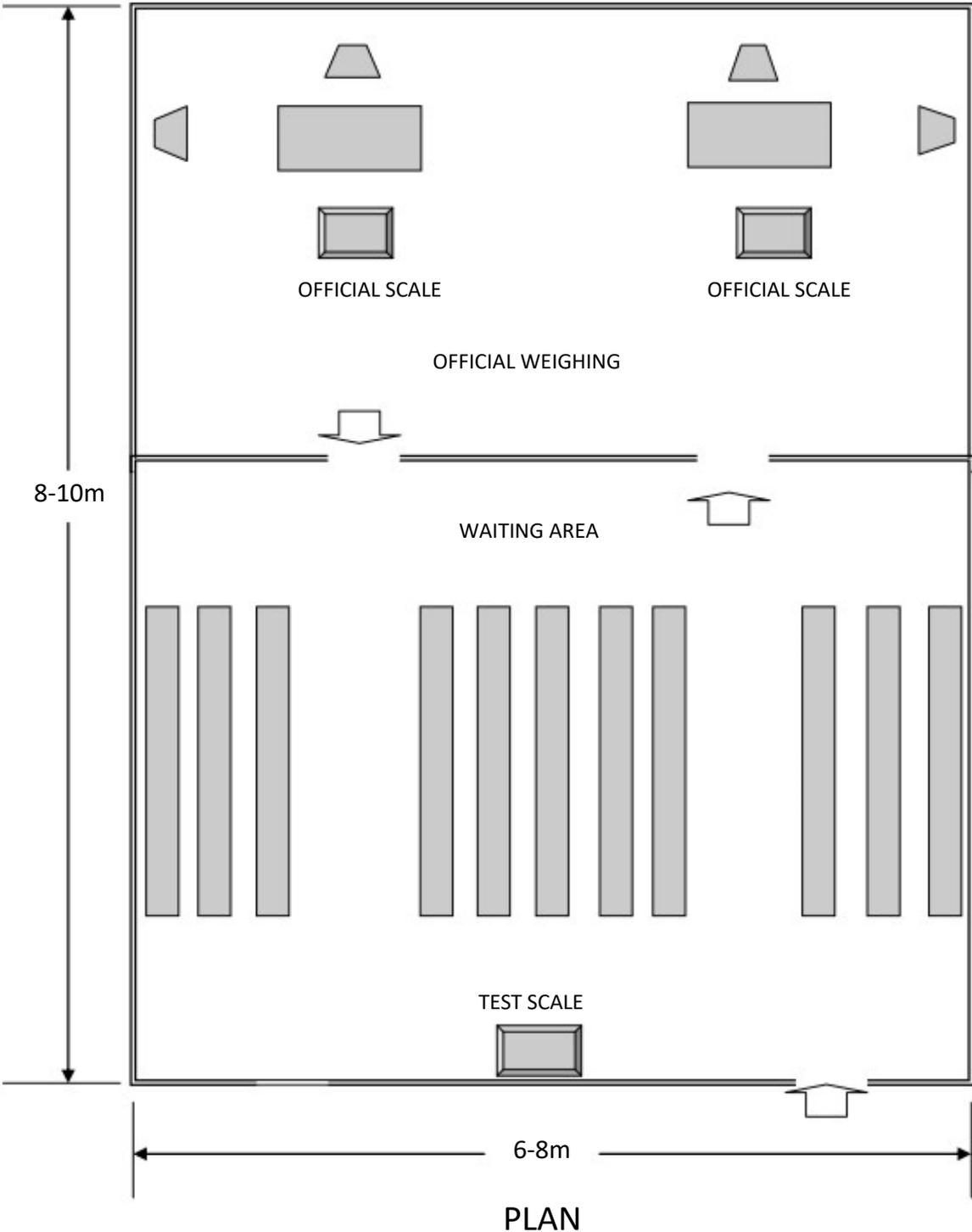
Confirmed by FISA Doctor (signature): \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ year

FISA Regatta Office Receipt by (signature): \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_ year

Forward to:  FISA Regatta Office  Finish Tower  Media Centre  Database

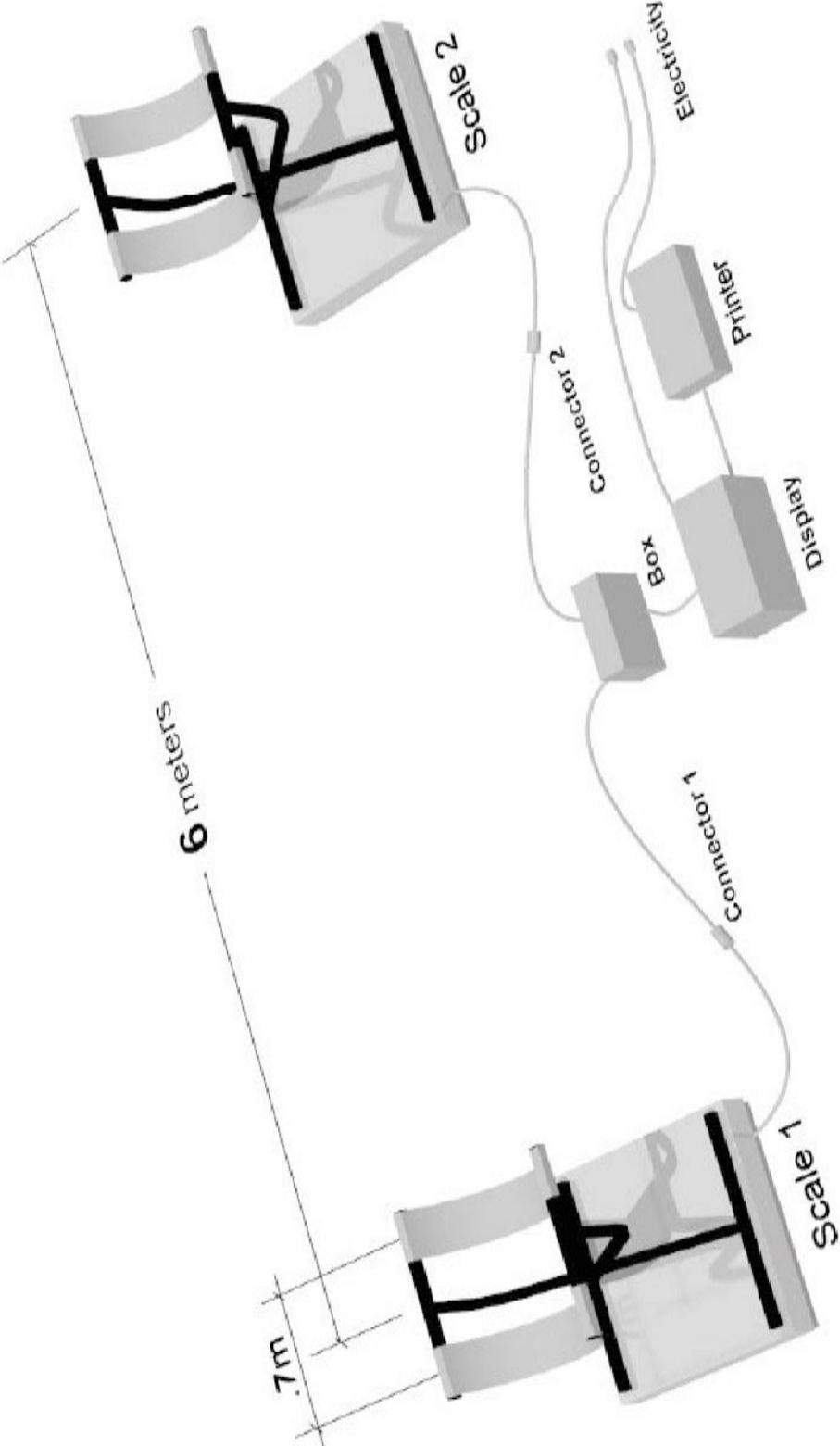
Appendix B.7.7. Athlete Weighing

**ATHLETE WEIGHING**



**Appendix B.7.8.b. Diagram - Installation of boat scales**

**BOAT WEIGHING  
Installation of the FISA Boat Scales**



### Appendix B.7.8.c. Instructions for Installation of the FISA Boat Scales

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## INSTRUCTIONS FOR INSTALLATION OF THE FISA BOAT SCALES

The FISA BOAT SCALE(S) will arrive at the regatta-course complete packed and transported in three large black boxes which include the Athlete weighing scales.

#### The parts for the FISA boat scales are:

2 scales (Mettler-Toledo)

1 box, to which both scales are connected (detachable connectors)

1 display, connected with the box above

1 Printer, (not connected)

2 boat trestles for the boat scales

Three calibrated test-weights(20 kg, 20 kg, 10 kg)

Documents and scale information

different cables and connections

Cover for the cables

One hex (allen) wrench

Unpack and check

The combination for all the locks can be obtained from FISA

Please unpack everything inside the box very carefully because most of the parts are connected with each other!

Please take off the covers of the scales while putting all parts outside of the box.

Please check that all needed parts are complete.

Please clean if necessary all the parts.

Installation of the FISA boat scales

With the stainless steel platforms off find the four hex head bolts in each scale

Use the hex wrench to REMOVE the bolts and tape them to the box or scale for use when repacking

Plug in all cables and set up according to the installation diagram

Put the trestles on the scales

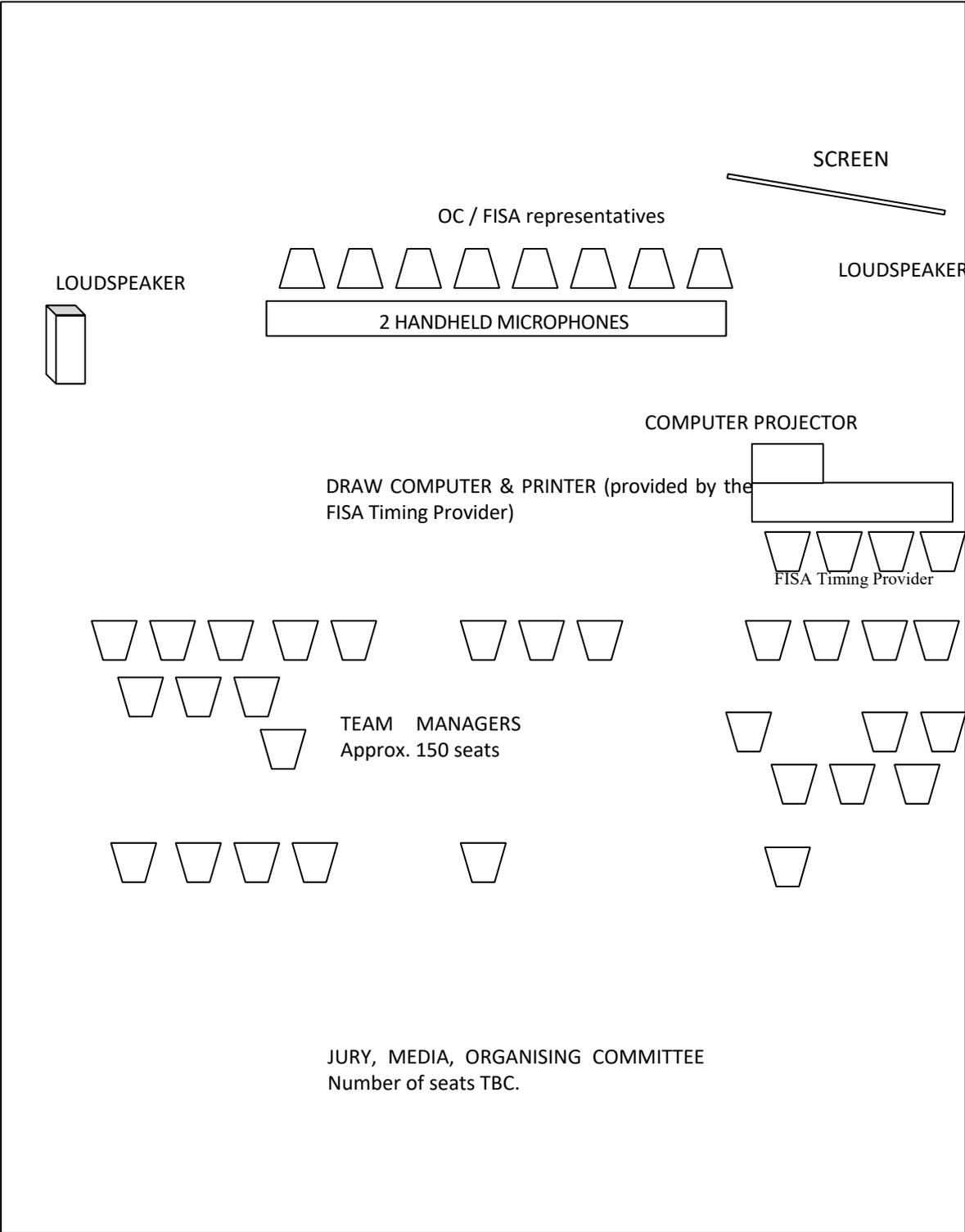
Switch on the display and the printer and push the button to zero the scales and do the check with the 2 20 kg-test-weights

The scale will say 40 kg, and they are ready for use

If other than 40 kg shows on the display call the contact-number and inform the FISA Office: external help will be necessary.

**Appendix B.8.2. Team Managers Meeting and Draw Room Layout**

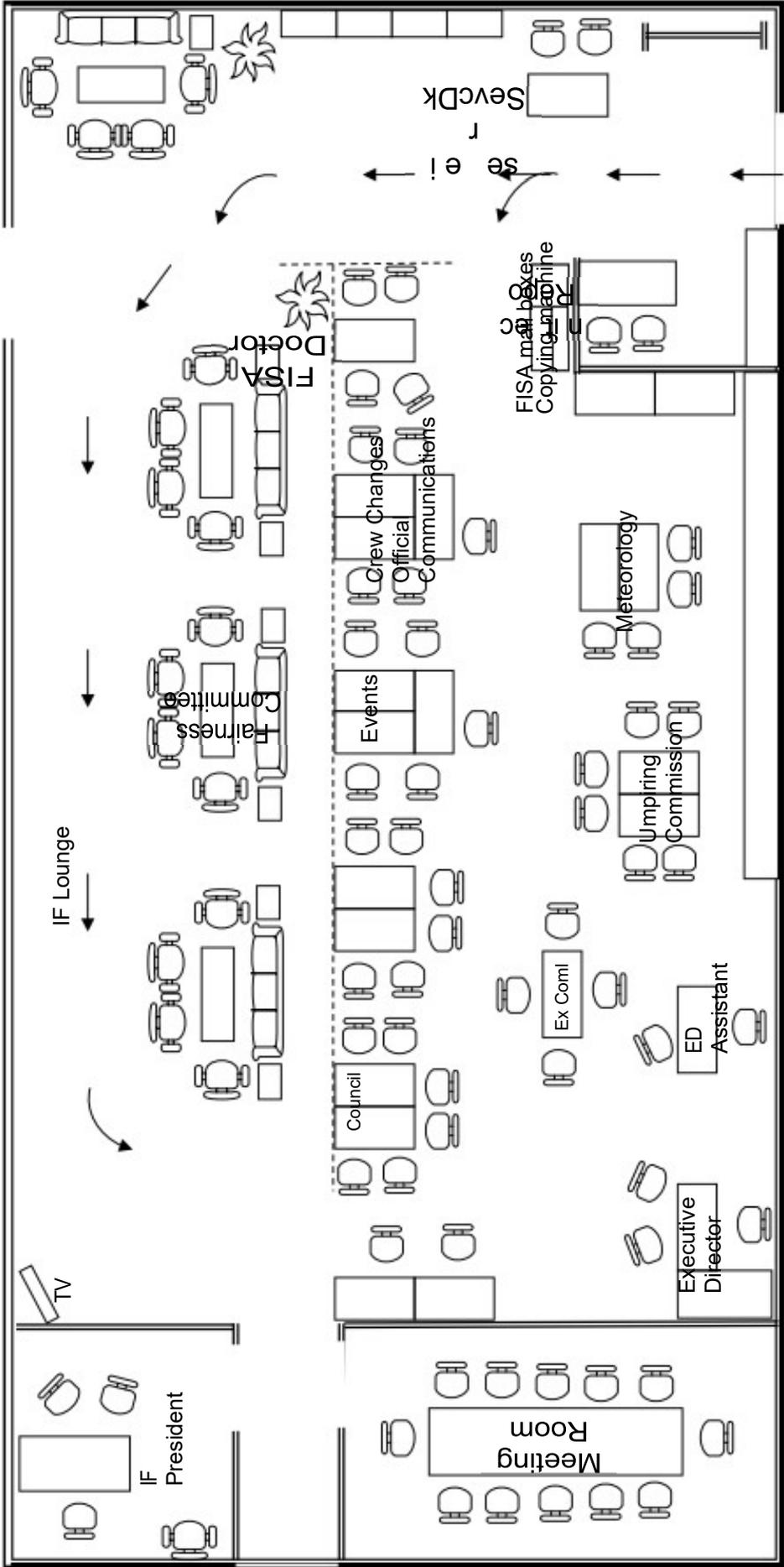
**TEAM MANAGERS MEETING & DRAW ROOM**



**EQUIPMENT:**

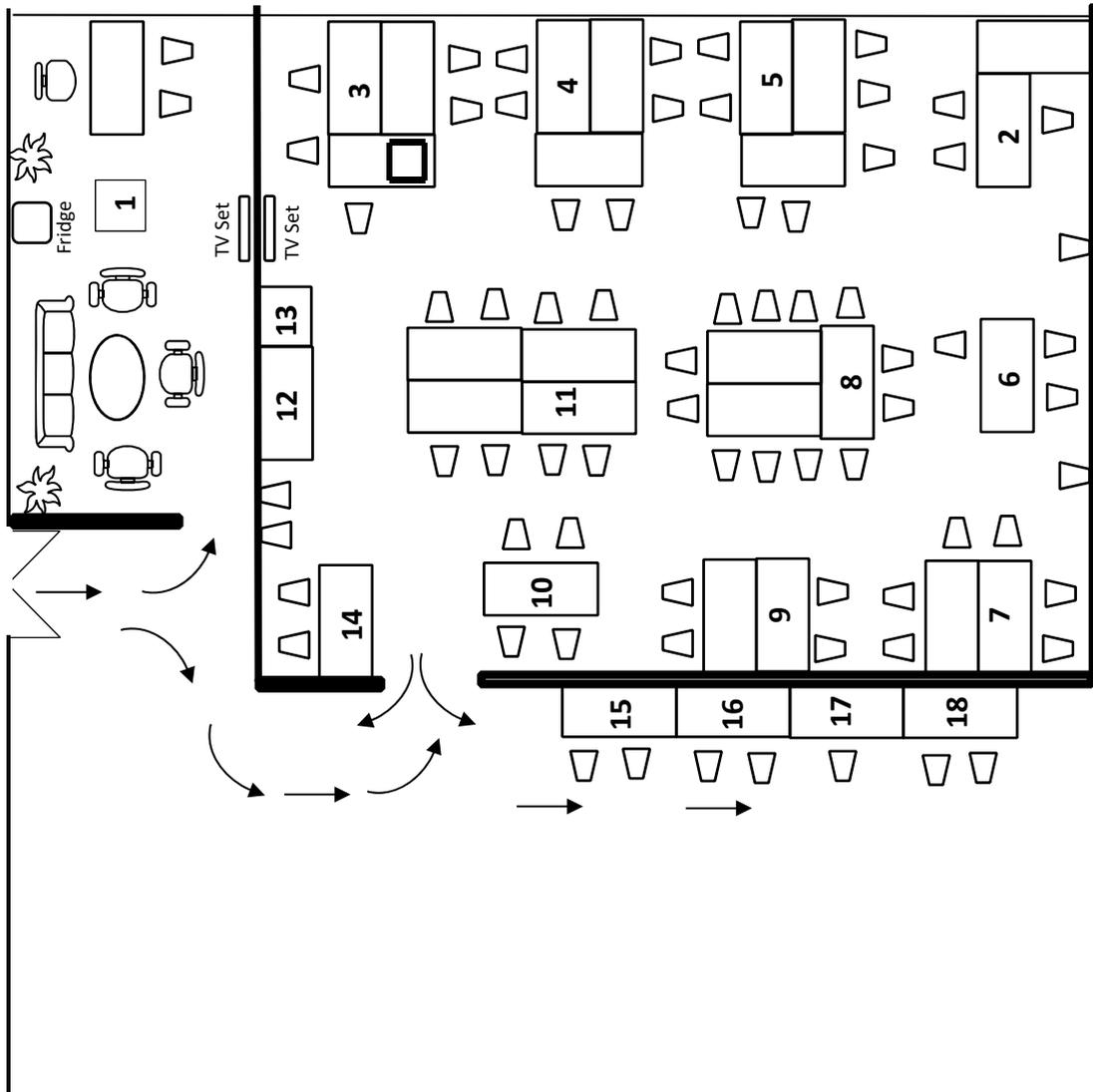
- Seats for up to 150 people (120 at World Cup regattas, Junior and U23 Championships, European Championships).
- A table, to seat up to ten people, at the front of the room.
- Computer projector (provided by the OC)
- A table for the Draw technicians' computer & printer and for the computer projector.
- A minimum of two microphones (hand held) and a good Public-Address system.
- A large screen for the computer projector.
- The Draw Computer (provided by the FISA Timing & Results Data provider) connected to the computer projector.
- Printer (provided by the FISA Timing & Results Data provider) and 200 sheets of paper.
- A fast-speed copying machine to allow for duplication of the Draw immediately after the Draw procedure has finished. If the copying centre is in close proximity the copying of the start lists could be carried out there.
- A sufficient quantity of blank (with logos) paper in close proximity to the copying machine.
- Electrical supply (sufficient extensions) for the entire equipment in the room.

Appendix B.8.5. FISA Work Area & Equipment London 2012



## Appendix B.8.5. FISA Work Area & Equipment

### FISA WORK AREA - GENERIC LAYOUT PLAN

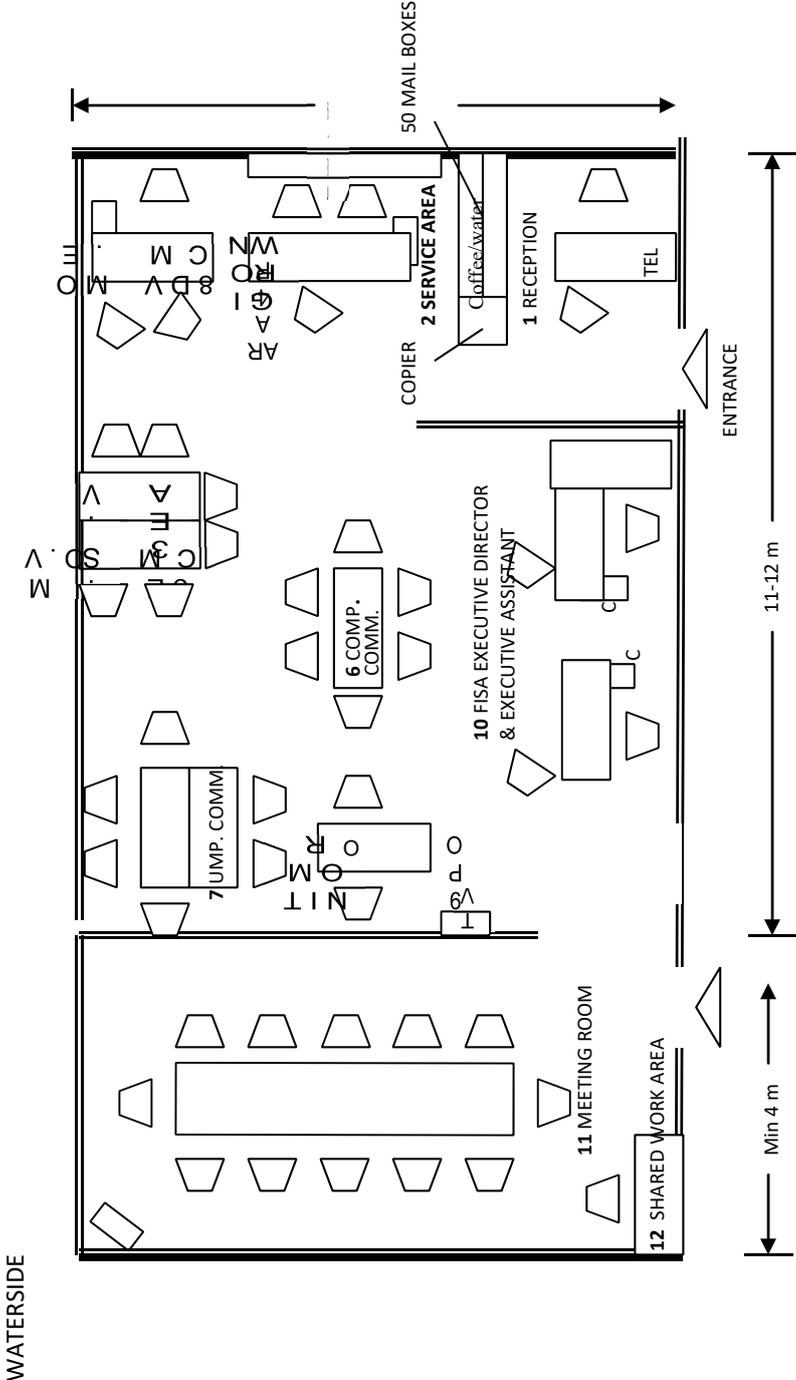


#### LEGEND

1. President
  2. Executive Director
  3. Crew Changes/Official Comm
  4. Events Commission and TDs
  5. Competitive, Athletes, Fairness
  6. Marketing/Hospitality
  7. Umpiring Commission
  8. Para-Rowing Commission
  9. Development/Environmental/Equipment
  10. Medical Commission/Anti-d.
  11. General Use/Meetings
  12. Mailboxes/Start&Results Lists
  13. Scan/Copy/Print machine  
Wireless use
  14. Reception -2 OC staff
  15. Meteorological Service
  16. - 18 - OC
- Total number of tables: 32  
 Total number of chairs: 74  
 Arm-chairs: 3  
 Sofa: 1  
 Fridge: 1  
 TV sets: 2  
 Tea table: 1

Appendix B.8.5. FISA Work Area & Equipment updated March 2013

GENERIC LAYOUT PLAN - FISA OFFICE AREA & EQUIPMENT



**OFFICE FURNITURE & EQUIPMENT FOR FISA**

The following furniture and equipment is required to be provided for the FISA work areas:

FURNITURE	EQUIPMENT
<b>1. RECEPTION</b>	
<ul style="list-style-type: none"> <li>- 1 Table</li> <li>- 3 Chairs</li> </ul>	<ul style="list-style-type: none"> <li>- Telephone - outside line</li> </ul>
<b>2. SERVICE AREA</b>	
<ul style="list-style-type: none"> <li>- Mail Boxes - IF Officials, Future OCs - mail boxes structure for up to 60 mail boxes)</li> <li>- 1 table (approx. 2m long) - for the Start/Results distribution</li> <li>- Refreshments &amp; Coffee machine</li> </ul>	<ul style="list-style-type: none"> <li>- 1 Copying machine</li> </ul>
<b>3. EVENTS ASSISTANT</b>	
<ul style="list-style-type: none"> <li>- 1 Table</li> <li>- 2 Chairs</li> </ul>	<ul style="list-style-type: none"> <li>- Telephone - outside line (local)</li> <li>- 1 Telephone - connected to a Tel/fax unit</li> <li>- Internet line (<del>LAN</del> or wirelessWifi)</li> <li>- Electrical extensions</li> </ul>
<b>4. PARA ROWING COMMISSION</b>	
<ul style="list-style-type: none"> <li>- 1 tables</li> <li>- 3 - 4 chairs</li> <li>- 1 Office Cabinet (lockable)</li> </ul>	<ul style="list-style-type: none"> <li>- Internet line (<del>LAN</del> cabled, 2 connectionsWifi)</li> <li>- Electrical extension</li> </ul>
<b>5. EVENTS COMMISSION</b>	
<ul style="list-style-type: none"> <li>- 1 table</li> <li>- 4 Chairs</li> <li>- 1 Office Cabinet (lockable)</li> </ul>	<ul style="list-style-type: none"> <li>- Telephone - outside line (local)</li> <li>- Internet line (<del>LAN</del> or wirelessWifi)</li> <li>- Electrical extensions</li> </ul>
<b>6. COMPETITIVE COMMISSION</b>	
<ul style="list-style-type: none"> <li>- 1 table</li> <li>- 4 - 5 Chairs</li> </ul>	<ul style="list-style-type: none"> <li>- Internet line (<del>LAN</del> or wirelessWifi)</li> <li>- Electrical extensions</li> </ul>

FURNITURE	EQUIPMENT
<b>7. UMPIRING COMMISSION</b>	
- 1 large table - 4 chairs	- Electrical extension - Internet line (Wifi)
<b>8. DEVELOPMENT COMMISSION</b>	
- 1 table - 2 chairs	- Internet line (Wifi) - Electrical extensions
<b>9. FISA PROMOTION/MARKETING DIRECTOR</b>	
- 1 table - 2 chairs	- Internet line (LAN and Wifi) - Electrical extension
<b>10. FISA EXECUTIVE DIRECTOR &amp; EXECUTIVE ASSISTANT</b>	
- 2 tables - 4 Chairs - Office Cabinet (lockable)	- 1 Telephone - outside line (international) - Internet line (Wifi) - Printer - Electrical extensions
<b>11. COUNCIL &amp; COMMISSIONS MEETING</b>	
- 1 large table or 4 smaller tables put together - 15 Chairs	- Internet line (Wifi) - Electrical extensions - TV set
<b>12. SHARED WORK AREA</b>	
- Computer, connected to Internet - Printer	- Internet line (Wifi) - Electrical extensions
<b>13. CREW CHANGE</b>	
- 1 table - 2 chairs	- Internet line (Wifi for Crew Change computer, LAN for Swiss Timing laptop) - Swiss Timing printer and LAN connection - Electrical extensions

**Note:** The tables must be minimum 0.6 x 1.2m.

The Reception to be operated by an OC volunteer during all the times the venue is officially open.

## **Appendix B.9.2. Basic Medications for the Regatta Medical Centre**

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(This list does not include those drugs and equipment that should be available for life saving emergencies or basic first aid. The list is intended for use by teams who have no doctor travelling with them and would only be prescribed by the appointed regatta doctor)

### **Allergic disorders**

Cetirizine tablets

### **Central nervous system**

Prochlorperazine

Zopiclone

### **Ear Nose & Oropharynx**

Betamethasone / Neomycin drops

Beclomethasone nasal spray

Cerumenolytic drops

### **Endocrine**

Hydrocortisone 1% injection

Triamcinolone injection

### **Eye**

Betamethasone drops

Betamethasone/Neomycin drops

Chloramphenicol ointment

Cromoglycate drops

### **Gastrointestinal**

Antacid tablets

Metaclopramide

Ranitidine

Lansoprazole

Senna

Lactulose

Loperamide

Electrolyte replacement

Betamethasone/lignocaine ointment

### **Genito-Urinary**

Clotrimazole cream

Clotrimazole/hydrocortisone cream

Clotrimazole pessaries  
Ciprofloxacin

**Infections**

Amoxicillin  
Erythromycin  
Flucloxacillin  
Metronidazole  
Azithromycin  
Aciclovir cream

**Musculo-Skeletal**

Ibuprofen  
Diclofenac

**Pain**

Aspirin  
Codeine  
Paracetamol  
Tramadol injection  
Sumatriptan

**Respiratory System**

Beclamethasone inhaler  
Salbutamol inhaler  
Sodium Cromoglycate inhaler

**Skin**

Hydrocortisone cream  
Betamethasone cream  
Miconazole cream  
Miconazole/Hydrocortisone cream

## Appendix B.9.7. Rescue Provisions

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### RECOMMENDED TRAINING AND DRESS REHEARSAL

Before a FISA Regatta or Championship, provisions for rescue and medical services have to be made which are described in **Section B.9. Medical Facilities and Services** of the FISA Manual. Furthermore, the recommendations for rescue operations in **Appendix B.9.7.** of the FISA Manual should be studied carefully.

### REVIEW OF RESCUE SERVICES AND MEDICAL SERVICES

Before start of the official races the FISA Regatta Doctor will check all rescue and medical facilities. The Director of the Rescue services and the Medical Director will present the necessary information.

For this review the following should be provided (in English):

#### General

- Plan of the course with location of the facilities
- Telephone list of the responsible functions
- Radio communication
- List of hospitals and rescue services

#### Organization plan of rescue services

- Shift plans
- Personal and qualifications
  - Ambulances
  - Rescue boats
  - Jet skis
  - Rescue teams
- Emergency plan (lightening, serious weather conditions, personal injury),
- Disaster plan (fire, terrorist attack, panic)
- Rescue provisions for disabled Athletes

#### Organization plan of Medical services

- Shift plans
- Personal and qualifications
  - Medical doctors
  - Ambulances
  - First aid teams
  - Nurses and Physiotherapy

#### Technical

- Rescue center
  - Radio communication
  - Stretchers

Rescue boats

Personal

Safety equipment

Ambulances and transport

Personal

Equipment

Infusions

Monitoring

Defibrillator

Medical Center

Rooms

Separate waiting areas for Athletes and visitors

Examination room

Treatment rooms

Physiotherapy

Air conditioning

Equipment

Water supply, crushed ice

Medication according to FISA list

Infusion (type and quantity)

Resuscitation: Defibrillator, R-Kit, oxygen

Stretchers

Hygiene

Disinfection plan

Washing and cleaning

Information

Copy of anti doping code, regulations, and list of banned substances

Actual FISA forms

Anti-Doping-Centre

Entrance control

Waiting area

Sealed containers of Athlete drinks

Rooms for control procedure

Toilettes (male / female) for sampling

Alarming and information

Alarm plan

Water accidents

Pontoon collapses

Boat house

Visitor area

Watch at finish area

Disaster and evacuation plan

Signs identifying first aid and medical center, information on emergency calls

Teams and rowers

Visitors

## First aid posts

- Number and personal
- First aid for visitors
- Position of AED's (automatic external defibrillators)

## DRESS REHEARSAL OF RESCUE SERVICES

In a dress rehearsal before the Start of the races the FISA medical delegate will check the rescue in practice. The heads of the Rescue services and the Medical Director will present the necessary information and the staff and Volunteers for the dress rehearsal should be present. The volunteer to be rescued should wear a life-jacket.

Some of the following exercise will tested and should be practiced prior to the dress rehearsal:  
rescue of a rower from a single scull boat

- a) high speed approach and appropriate lowering of boat speed as the boat is approached
- b) talking or signaling to the rower
- c) in case of inappropriate response or emergency proceed with rescue
- d) approach boat from bow
- e) rescue from the back

rescue of a rower in position 3 or 2 from a four

- a) high speed approach and appropriate lowering of boat speed as the boat is approached
- b) talking or signaling to the rower
- c) in case of inappropriate response, or emergency proceed with rescue
- d) approach boat from the side
- e) rescue from the side or from the back

rescue of a person from the water

- a) high speed approach and appropriate lowering of boat speed as the person is approached
- b) rescue from the back
- c) use of back board if the Athlete is unconscious or if there is any concern of neck or spine injury
- d) first aid treatment
- e) inform Director of Medical Services about the injury
- f) transport to Medical Center

movement of rescue boats at the Finish line

- a) Monitor rowers and movement of the water
- b) Follow the incoming boats
- c) Watch faces of rowers from middle distance
- d) Return to base position

collapse of a rower at the pontoon

- a) sound rescue alarm
- b) cool the rower with water, if necessary
- c) if possible walk rower to increase venous return
- d) if problems persist -> Trendelenburg's position
- e) If no recovery within 1-2 minutes> transport on stretcher to ambulance or to medical centre
- f) transport Athlete to medical center
- g) inform Medical Director

boat accident at the Start with injury

- a) high speed approach and appropriate lowering of boat speed near the boat
- b) talk or signal to the rower
- c) in case of inappropriate response or emergency proceed with rescue
- d) approach boat
- e) rescue from the back
- f) use of back board if the Athlete is unconscious or if there is any concern of neck or spine injury
- g) first aid treatment
- h) inform Medical Services about injury
- i) transport to Medical Center

rescue of a disabled Athlete

- a) arms only or arms and trunk Athlete
- Serious consideration must be taken to all Adaptive Athletes due to their special either inherited or acquired injuries. Therefore most of the Athletes can not cooperate appropriately during the rescue procedure due to their one or two paralytic either lower or (less frequently) partially upper extremities. All rescue team members must be experienced regarding the rapid release of the "Strapping" system -- even at the very rear situation when the boat is turned over. The rescue team should be able to assist the Athletes to be seated stably in their boat and to stabilise their upper body to their backrest.

boat accident in the warm up area

- a) as 6., with rapid notification or alarm

traffic accident in the boat house area with injury

- a) as 6., with rapid notification or alarm

transport of a person within the course

- a) alarm and notify Medical Center
- b) information

alarm by a umpire

emergency at the grand stand

- a) alarm and notify Medical Center

- b) approach to the patient (vital signs)
- c) shock position
- d) request additional medical help
- e) transport to medical center for Spectators

**Primary tasks of paramedics on finish line and boat landing pontoon:**

1. Monitor rowers and movement on the water

2. Prevention and treatment of collapse

On the water:

- a) Encourage movement of the rower to increase of venous return
- b) Encourage the rower to sit up and lean forward
- c) Encourage the rower to cool with water, if necessary

On the pontoon:

- a) Cool the rower with water, if necessary
- b) If possible walk rower to increase venous return
- c) If problems persist -> Trendelenburg's position
- d) If no recovery within 1-2 minutes> transport on stretcher to ambulance

Inform Medical Director

Transport Athlete to medical center

**Transport of rescued rowers:**

The rowers are rescued by the first rescue boat as determined by the rescue plan and as trained by the teams before.

The second rescue boat or jury boats care for the boat, if necessary and transport the boat outside of the course.

Rowers rescued from the boat to the pontoon area are transported with the Ambulance to the Medical Center.

FISA Medical delegate and the Team are to be informed immediately in case of a rescue.

All rowers rescued must be seen by a Medical Doctor of the Medical Service and if, available, by the national Team Doctor.

Basic medical data to be recorded are blood pressure, heart rate and tympanal temperature.

If the rower does not recover prior to arrival in the Medical center, an i.v. infusion of 1 L Ringer lactate solution (or appropriate solution) should be provided within 15 min.

If the rower does not recover within 30 minutes or if the condition or severity of symptoms is worsening the rower has to be transported by ambulance to the Hospital.