

FISA Manual

2018 Amendments

Point	2017 Wording	Marked up with Proposed Amendment	Explanation
A.6	NA	<p>Water Quality FISA’s water guidelines are intended to protect the public health and safety of rowers at FISA competition venues, but also have in mind the long-term development of safe and healthy environments for sport and recreation. These guidelines are subsidiary to global water quality guidelines such as the WHO-water quality guidelines (e.g. <i>WHO Guidelines for Safe Recreational Water Environments</i>, 2003) or local legal regulations.</p> <p>The Guidelines include values for specific parameters used to monitor water quality, e.g. of faecal contamination, and values for physical and aesthetic objectives. The document also outlines a management approach for safe water quality.</p> <p>The human health risks associated with recreational water activities is different for different water activities. According the WHO, secondary contact is defined as recreational activity in which only the limbs are regularly wetted and in which greater contact (including swallowing water) is unusual. Because a lower degree of water exposure can be expected at most times, values for primary contact can be exceeded for secondary contact. According to the mentioned guidelines, primary contact activities are swimming (this includes bathing/wading for the purposes of this document), waterskiing and windsurfing. Secondary contact activities are rowing, canoeing or fishing—in natural waters through intentional or incidental immersion.</p> <p>Appendix A.6. – Water Quality Testing Guidelines</p>	New section added to include the new Water Quality Testing Guidelines
Appendix A.6	NA	addition of Water Quality Testing Guidelines	New section added to include the new Water Quality Testing Guidelines

<p>B.1.1</p>	<p>Artificial Courses (Channels)</p> <p>Second channel</p> <ul style="list-style-type: none"> ○ For major rowing events (World Rowing Championships and Olympic Games) it is recommended that a second channel is provided, parallel to the main course. This channel is used as “warming up” and “cooling down” areas and for crew access to the starting area. It is recommended that the width is of 64 meters (four lanes x 13.5m plus 5m of a clear strip of water between the lanes and the bank on both sides). The span of the bridge beyond the finish line connecting the island created between the main course and the warming up lake (depending on the location of the launching pontoons) is recommended to be between 25 and 50m. The 50m space is needed when there is two-way traffic of boats under the bridge. ○ For Olympic Games the second channel is used by both rowing and canoeing. For rowing it will be used as “warming up” and “cooling down” areas and for canoeing it will be used for training during the rowing regatta. In addition to the rowing warming up & cooling down areas a canoeing training course shall be provided, a minimum of 1000m long with a width of 36m (4 lanes x 9m). 	<p>Artificial Courses (Channels)</p> <p>Second channel</p> <ul style="list-style-type: none"> ○ For major rowing events (World Rowing Championships and Olympic Games) it is recommended that a second channel is provided, parallel to the main course. This channel is used as “warming up” and “cooling down” areas and for crew access to the starting area. It is recommended that the width is of 64 meters (four lanes x 13.5m plus 5m of a clear strip of water between the lanes and the bank on both sides). The span of the bridge beyond the finish line connecting the island created between the main course and the warming up lake (depending on the location of the launching pontoons) is recommended to be between 25 and 50m. The 50m space is needed when there is two-way traffic of boats under the bridge. <p style="color: red;">In exceptional cases and with the approval of FISA, at venues with limited space the width of the second channel may be reduced to a minimum of 50m (two lanes x 20m plus a clear strip of water between the lanes and the bank on both sides).</p> <ul style="list-style-type: none"> ○ For Olympic Games the second channel is used by both rowing and canoeing. For rowing it will be used as “warming up” and “cooling down” areas and for canoeing it will be used for 	<p>Additions to match what is currently allowed in reality.</p>
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		<p>training during the rowing regatta. In addition to the rowing warming up & cooling down areas a canoeing training course shall be provided, a minimum of 1000m long with a width of 36m (4 lanes x 9m).</p> <p>In exceptional cases and with the approval of FISA and the International Canoe Federation, at venues with limited space the width of the canoeing training course could be reduced e.g. two or three lanes of 9m.</p>	
B.1.1	<p>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.</p>	<p>Immediately prior to a World Rowing Championships and Olympic Games As a new official survey of the start line, intermediate timing positions and of the finish line must be carried out by an authorised survey company in the presence of the FISA Technical Delegate. At all other World Rowing events, including the European Rowing Championships, a survey of the start and finish lines must be carried out every 5 years, or at any time when construction works at the regatta venue take place.</p> <p>The authorised company must then provide before the first day of racing an official survey certificate of the racing course must be provided by an authorised company and must showing the coordinates and accurate locations of all survey markers as listed above and in the FISA survey guidelines. above.</p>	<p>Attempting to place a specific time frame on how often a new survey must be completed, and that intermediate timing points are less important in terms of the survey (except for World Championships and Olympic Games).</p>
Appendix B.1.1	<p>B.2 Finish Tower There shall be installed two removable vertical wires – both in front of the photo-finish cameras.</p>	<p>B.2 Finish Tower Option 1 – Photo-Finish Cameras on different level to Jury & Timing Seats There shall be installed two removable vertical wires – both in front of the photo-finish cameras.</p>	<p>Specification of procedure if Jury and timing seats are on the same level of the Finish Tower as the Photo Finish Cameras eg. Sarasota and Varese.</p>

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	<p>The vertical wires must be exactly in line with the horizontal finish line. They should be maximum 2 mm thick and of black colour.</p> <p>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.</p> <p>See the drawing below.</p> <p>There shall be installed a permanent (not removable) wire for the Judges at the finish and Timing officials to use by sighting against the finish line marker on the far side of the course at all times.</p>	<p>The vertical wires must be exactly in line with the horizontal finish line. They should be maximum 2 mm thick and of black colour.</p> <p>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.</p> <p>See the drawing below.</p> <p>There shall be installed a permanent (not removable) wire for the Judges at the finish and Timing officials to use by sighting against the finish line marker on the far side of the course at all times.</p> <p>Option 2 – Photo-Finish Cameras on same level as Jury & Timing Seats</p> <p>There shall be installed two vertical wires – one completely removeable and one which shall have a permanent part (for the use of the Jury) and a part 100cm in front of the photo-finish cameras which is removable.</p> <p>The vertical wires must be exactly in line with the horizontal finish line. They should be maximum 2 mm thick and of black colour.</p> <p>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.</p> <p>See the drawing below.</p>	
<p>B.2.1</p>	<p>Length of Water Body</p> <p>The minimum length of water body necessary to contain the standard course is 2,172m (22m + 2000m +150m). Ideally there should be 22 metres behind the start line + 2000 metres for the racing course + 200 metres beyond the finish line = 2222m. Depending on</p>	<p>Length of Water Body</p> <p>The minimum length of water body necessary to contain the standard course is 2,17220m (220m + 2000m + 1500m). Ideally there should be 22 metres behind the start line + 2000 metres for the racing course + 200 metres beyond the finish line = 2222m.</p>	<p>Change to match Rules</p>

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	the design concept for some venues, in special cases (with the approval of FISA) the space beyond the finish line may need to be as short as 90m.	Depending on the design concept for some venues, in special cases (with the approval of FISA) the space beyond the finish line may need to be as short as 90m.	
B.2.1	<p>Course Dimensions</p> <p>Width</p> <p>The standard international course shall be at least 108m wide i.e.</p> $= 13.5m + (6 \text{ lanes} \times 13.5m) + 13.5m = 108m.$ <p>The minimum recommended width of the course for regattas for all World Rowing events shall be at least 135m i.e.</p> $= 13.5m + (8 \text{ lanes} \times 13.5m) + 13.5m = 135m.$ <p>This width is a minimum and is only acceptable if a low-level TV road is provided alongside the full length of the course.</p> <p>The ideal recommended width of the course for Olympic and Paralympic Games shall be 162 m i.e.</p> $= 27m + (8 \text{ lanes} \times 13.5m) + 27m = 162m.$ <p>This width allows for traffic movements of boats beside the racing lanes and for TV coverage from the water.</p> <p>In exceptional cases (with the approval of FISA) the width of the lanes could be 12.5m, and therefore the ideal recommended width of the course:</p> $= 15m + (8 \text{ lanes} \times 12.5m) + 15m = 130m.$	<p>Course Dimensions</p> <p>Width</p> <p>The standard international course shall be at least 1085m wide i.e.</p> $= 13.55m + (6 \text{ lanes} \times 132.5m) + 13.55m = 1085m.$ <p>The minimum recommended width of the course for regattas for all World Rowing events shall be at least 13516m i.e.</p> $= 13.58m + (8 \text{ lanes} \times 132.5m) + 13.58m = 13516m.$ <p>This width is a minimum and is only acceptable if a low-level TV road is provided alongside the full length of the course and a return channel is provided as described in the FISA Manual.</p> <p>The ideal recommended width of the course for a World Rowing Championships, World Rowing Cup, Olympic and Paralympic Games shall be at least 16250m i.e.</p> $= 275m + (8 \text{ lanes} \times 132.5m) + 275m = 16250m.$ <p>This width allows for traffic movements of boats beside the racing lanes and for TV coverage from the water where there is no suitable TV road.</p> <p>In exceptional cases (with the approval of FISA) the width of the lanes could be 12.5m, and therefore the ideal recommended width of the course:</p> $= 15m + (8 \text{ lanes} \times 12.5m) + 15m = 130m.$	Change to match the updated Rules around lane width

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<p>B.2.1</p>	<p>Depth</p> <p>For a standard international course the depth of water must be at least 3 metres throughout all racing lanes at the shallowest point if the depth over the course is unequal. For a new course it is recommended that the minimum depth should be 3.5 metres.</p> <p>A number of old, artificial courses were constructed with an even depth of 2 metres. As long as they remain with an equal depth at all points on the course then they can still be accepted as a standard international course.</p> <p>The depth of water in the warming up lake must be at least 1.5 metres.</p>	<p>Depth</p> <p>For a standard international course the depth of water must be at least 32 metres throughout all racing lanes if the depth of the course is equal at all points, at the shallowest point or 3m at the shallowest point-if the depth over the course is unequal. A course depth of 2m represents the minimum competition requirements. A depth greater than 2m may be required to allow for aquatic plant growth. However given the varying nature of this across the world it is recommended that this is studied on an individual basis for each course.For a new course it is recommended that the minimum depth should be 3.5 metres.</p> <p>A number of old, artificial courses were constructed with an even depth of 2 metres. As long as they remain with an equal depth at all points on the course then they can still be accepted as a standard international course.</p> <p>The depth of water in the warming up lake must be at least 1.5 metres.</p>	<p>Change to match FISA Rules.</p>
<p>B.2.1</p>	<p>Width of the Lanes:</p> <p>The lanes shall be buoyed according to the Albano system. These lanes must be straight and of the same width over their whole length. The width of each lane shall be 13.5m, however in special circumstances the width of each lane may be reduced to 12.5m with the approval of FISA.</p>	<p>Width of the Lanes:</p> <p>The lanes shall be buoyed according to the Albano system. These lanes must be straight and of the same width over their whole length. The width of each lane shall be no less than 132.5m, and no more than 15m and all lanes on the course shall be of identical width. however in special circumstances the width of each lane may be reduced to 12.5m with the approval of FISA. The Executive Committee</p>	<p>Change to match new FISA Rules.</p>

		may approve a minimum lane width of 12m in exceptional circumstances.	
B.2.2	<p>Wires</p> <p>Longitudinal wires</p> <ul style="list-style-type: none"> ○ The buoys are attached to longitudinal wires – recommended 3–4 mm diameter stainless steel (inox) cables, fixed 1.5m below the water surface. The accurate positions of the longitudinal wires are provided through the special girdles fixed to the cross-wires. The longitudinal wires pass through these girdles and are anchored to the bank at both ends of the course if the banks are close to the course. If the banks are far away from the course then the wires are fixed at both sides of the course, beyond the Start and Finish lines. ○ On lakes where land-based advertising banners would be (in FISA’s opinion) too distant from the television cameras, an additional wire of 8 mm diameter (or 2 wires x 4mm), fixed outside the racing lanes (minimum 20m away) will be required for supporting the advertising banners. 	<p>Wires</p> <p>Longitudinal wires</p> <ul style="list-style-type: none"> ○ The buoys are attached to longitudinal wires – recommended 3–4 mm diameter stainless steel (inox or Kevlar) cables, fixed 1.5m below the water surface. The accurate positions of the longitudinal wires are provided through the special girdles fixed to the cross-wires. The longitudinal wires pass through these girdles and are anchored to the bank at both ends of the course if the banks are close to the course. If the banks are far away from the course then the wires are fixed at both sides of the course, beyond the Start and Finish lines. ○ On lakes where land-based advertising banners would be (in FISA’s opinion) too distant from the television cameras, an additional wire of 8 mm diameter (or 2 wires x 4mm, separated by approximately 1m but anchored to the same end-points), fixed outside the racing lanes (minimum 20m away) will be required for supporting the advertising banners, at the cost of the OC. <ul style="list-style-type: none"> ○ Toblerone cables should be put in place from beyond the Start and Finish, so as to go through those locations 	<p>Inclusion of reference to Kevlar cables. Update of requirements for cable for advertising banner tobleron.</p>

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		<ul style="list-style-type: none"> ○ These cables should ideally be fixed to prevent any side-movement (across the course) but not too tightly so as to create breaking tension. 	
B.2.2	<p>Buoys</p> <p>In the Start Zone – the first 100 meters - buoys should be at 5m intervals beginning from the Start Bridge, and at 10m (preferred) or at 12.5 m intervals throughout the remainder of the course. The surface of the buoys shall be pliant (not hard) and shall be of such material and design that when struck by an oar or boat they will deflect easily and not cause damage or undue interference to the boat or crew.</p>	<p>Buoys</p> <p>In the Start Zone – the first 100 meters - buoys should be at 5m intervals beginning from the Start Bridge, and at 10m (preferred) or at 12.5 m intervals throughout the remainder of the course. The surface of the buoys shall be pliant (not hard) and shall be of such material and design that when struck by an oar or boat they will deflect easily and not cause damage or undue interference to the boat or crew.</p>	<p>The intervals depend on the diameter of the wires: 3mm wire – 12.5m intervals, 4mm wire – 10m intervals (heavier wire, recommended at open lakes, by strong side winds)</p>
B.2.2	<p>Advertising Banners</p> <ul style="list-style-type: none"> ○ At World Rowing events advertising banners may be installed at different locations around the racing course. ○ FISA usually provides the advertising banners. The OC shall provide 4 helpers, sufficient land-space (accessible by car and with easy access to the water) and 1 (2 if required by FISA) boats for the installation and servicing of the advertising banners and their supporting inflatable structures, if the banners are floating). The same help and support is necessary after the last race for the dismantling of the banners. During the racing days the OC shall provide 	<p>Advertising Banners</p> <ul style="list-style-type: none"> ○ At World Rowing Cup, senior World Rowing Championships and European Rowing Championship events advertising banners may are required to be installed at different locations around the racing course. FISA will pay for the production cost of FISA Partners, and the OC shall pay for the production cost of the Local Partner banners. ● Locations: <ul style="list-style-type: none"> ○ For FISA Partners at Start, 500m, 1000m, 1500m and Finish ○ For Local Partners at 250m, 750m, 1250m and 1750m. If on water the 	<p>Change to match current practise.</p>

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	<p>1 – 2 helpers and 1 (2) boats for maintenance of these installations (if on water).</p>	<p>toblerones for Local Partner banners must be hired from FISA.</p> <ul style="list-style-type: none">○ FISA will prepare the signage plan. However, taking into consideration wind-speed and direction as well as the length and anchoring of the cables, the FISA contractors responsible for the advertising banners (in consultation with FISA and the OC) will recommend the number of toblerones/banners that can be safely affixed at any one point. In the case of potentially strong winds, it might be that the recommendation is for positions other than those listed above in order to reduce wind-surface area at certain exposed points.● Banner dimensions:<ul style="list-style-type: none">● Advertising banners front (in view of TV cameras): 8m long x 2m high.● Advertising banners back (if on the back of toblerones): 7.4m long x 2.45m high● Timing point banners: 2m or 3m long x 2m high○ FISA usually provides the FISA advertising banners and the contracted professional company to install them. The OC shall	
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		<p>provide 4 helpers, sufficient land-space (accessible by car and with easy ramp access to the water) and 1 (2 if required by FISA) boats for the installation and servicing of the advertising banners and their supporting inflatable structures (if the banners are floating). The same help and support is necessary after the last race for the dismantling of the banners.</p> <p>During the racing days the OC shall provide 1—2 helpers and 1 (2) boats for maintenance of these installations (if on water).</p> <ul style="list-style-type: none"> ○ If banners are located on scaffolding on the land, the installation may be undertaken by local OC volunteers, under the direction and oversight of the FISA contracted company. ○ Any on land scaffolding for advertising banners must be strong and sturdy enough to support banners of 8m long x 2m high, in additional the timing point banners. FISA will prepare the signage plan. 	
<p>B.2.3</p>	<p>Course Installations Intermediate Timing Positions</p>	<p>Course Installations Intermediate Timing Positions</p>	<p>Timing Positions – update with new accuracy requirements of intermediate timing points</p>

	<p>Location – placed exactly on the lines of the intermediate distances at the 500m, 1000m, 1500m marks; 15m – 75m away from the nearest lane (special cases to be considered)</p> <p>There must be a clear view of the course. Alternative positions could be:</p> <ul style="list-style-type: none"> ○ Floating – minimum 15m away from the nearest lane and with no or minimum movement to ensure accuracy of timing. ○ fixed on piles to the bed of the lake or canal ○ anchored by wires and anchors to the bottom of the lake or canal ○ attached to individual cables across the lake or canal (not to the Albano system of cables) ○ On land – placed on a platform. On artificial courses – behind the road alongside the course, so as not to block the view of the TV vehicle as it passes the position. <p>Construction and Dimensions – temporary or permanent</p> <ul style="list-style-type: none"> ○ A covered platform minimum 2m x 3m, with the exception of the Olympic Games (3m x 3m). ○ The floor of the timing point must be minimum 1.5 m above water level (if floating) or above the ground (if on land). 	<p>Location – placed exactly on the lines of the intermediate distances at the 500m, 1000m, 1500m marks; 15m – 75m away from the nearest lane (special cases to be considered)</p> <p>There must be a clear view of the course. Alternative positions could be:</p> <ul style="list-style-type: none"> ○ Floating – minimum 15m away from the nearest lane and with no or minimum movement to ensure accuracy of timing. ○ fixed on piles to the bed of the lake or canal ○ anchored by wires and anchors to the bottom of the lake or canal in such a way as to allow no or minimum movement of the platform ○ attached to individual cables across the lake or canal (not to the Albano system of cables) in such a way as to allow no or minimum movement of the platform ○ On land – placed on a platform. On artificial courses – behind the road alongside the course, so as not to block the view of the TV vehicle as it passes the position. <p>Construction and Dimensions – temporary or permanent</p> <ul style="list-style-type: none"> ○ A covered platform minimum 2m x 3m, with the exception of the Olympic Games (3m x 3m). 	<p>Sight markers - Update to new Swiss Timing requirements where base of the Start and Finish sight board must be on the water's edge and visible to the cameras.</p>
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	<ul style="list-style-type: none"> ○ Protection against wind and rain must be provided and internal blinds to limit the glare of the sun. ○ If television cameras are to be installed on the top of the timing points the design and structure should be considered. The roof has to be designed accordingly. ○ For Olympic Games all the intermediate timing positions must be minimum 9 m². ○ If the course is going to be used for canoeing regattas the timing huts at the 1000m, the 1500m and the 1800m marks will also serve as start towers for canoeing. They have, therefore, to be larger – 3m x 3m (as per Olympic Games requirements) and with two levels (upper and lower). <p>Should video cameras (provided by the FISA Official Timing provider) be used at the Intermediate Timing points, then the appropriate support structure for the video cameras must be provided by the Organising Committee at each of the intermediate points. A vertical wire must be installed, minimum 1 meter in front of the video camera. See the enclosed examples.</p> <p>Equipment</p> <ul style="list-style-type: none"> ○ Vertical sight wire, colour black (1 mm diameter) 	<ul style="list-style-type: none"> ○ The floor of the timing point must be minimum 1.5 m above water level (if floating) or above the ground (if on land). ○ Protection against wind and rain must be provided and internal blinds to limit the glare of the sun. ○ If television cameras are to be installed on the top of the timing points the design and structure should be considered. The roof has to be designed accordingly. ○ For Olympic Games all the intermediate timing positions must be minimum 9 m². ○ If the course is going to be used for canoeing regattas the timing huts at the 1000m, the 1500m and the 1800m marks will also serve as start towers for canoeing. They have, therefore, to be larger – 3m x 3m (as per Olympic Games requirements) and with two levels (upper and lower). ○ Accuracy of sighting wire for intermediate distance mark – the required level of accuracy for intermediate timing marks is not as high as for start line and finish line. However, the marks should be accurate and the following requirements should be met:- <ul style="list-style-type: none"> (1) The vertical wire marking the intermediate distance point should be aligned with the distance marker on the 	
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	<ul style="list-style-type: none"> ○ Radio and telephone (or other “fixed line”) communication to the timing officials in the Finish Tower to be provided by the Organising Committee ○ The timing system equipment to be provided by the Official Timing provider. ○ Uninterrupted Electrical Power supply ○ Tables, chairs ○ WC <p>Operation</p> <ul style="list-style-type: none"> ○ Three officials (1 NTO and 2 timing volunteers) are required in each intermediate timing position to take the intermediate times – one timing volunteer pushes the timing button, the NTO calls the numbers of the crews as they cross the intermediate distance line, the other timing volunteer enters through the timing keyboard the boat numbers in the correct ranking order in the timing system and writes down the order of the crews. ○ Note: If the Official Timing Provider provides a new timing technology (video camera) at each intermediate timing position, then the NTO and the 2 timing volunteers are not required at the intermediate timing positions. ○ The timing officials in the intermediate timing positions must be very proficient. It is strongly 	<p style="color: red;">opposite side of the course. (On an open lake course, or where it is not possible to erect a distance marker on the opposite side, then two parallel wires in line with the intermediate mark and between 80cm and 100cm apart inside the intermediate timing point may be used instead);</p> <p style="color: red;">(2) The intermediate distance point should be indicated by a permanent survey mark on the ground. For intermediate points it is not required to provide an updated survey;</p> <p style="color: red;">(3) In order to ensure the vertical wire is correct, it should be exactly in line with the survey mark and should be checked with a plumb bob or similar device to ensure it is exactly vertical.</p> <p>Should video cameras (provided by the FISA Official Timing provider) be used at the Intermediate Timing points, then the appropriate support structure for the video cameras must be provided by the Organising Committee at each of the intermediate points. A vertical wire must be installed, minimum 1 meter in front of the video camera. See the enclosed examples.</p> <p>Equipment</p> <ul style="list-style-type: none"> ○ Vertical sight wire, colour black (1 mm diameter) 	
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	<p>recommended that the same “team” should remain unchanged (as much as possible) throughout the regatta in these positions.</p> <p>Sight Markers</p> <p>At the Start Line</p> <ul style="list-style-type: none"> ○ Sight marker – fixed as close as possible to the water edge, on the opposite side of the course to the Aligner’s Hut exactly on the start line. If the opposite bank is too far away, the marker can be fixed on a structure very firmly fixed in the water – such structure should not have any movement under any conditions. ○ Dimensions – 150 – 200 cm height, 100 - 150 cm wide. If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the Aligner above the banners. ○ The marker should be painted in two vertical halves, one bright yellow (direction of start) and one black (direction of finish). The precise vertical position where the colour changes from black to yellow shall be the start line. The line where this colour change occurs shall be exactly vertical down its full height and shall be consistent with the survey certificate described in B.1.1, Section “SURVEY”. <p>See the enclosed example photos.</p>	<ul style="list-style-type: none"> ○ Radio and telephone (or other “fixed line”) communication to the timing officials in the Finish Tower to be provided by the Organising Committee ○ The timing system equipment to be provided by the Official Timing provider. ○ Uninterrupted Electrical Power supply ○ Tables, chairs ○ WC <p>Operation</p> <ul style="list-style-type: none"> ○ Three officials (1 NTO and 2 timing volunteers) are required in each intermediate timing position to take the intermediate times – one timing volunteer pushes the timing button, the NTO calls the numbers of the crews as they cross the intermediate distance line, the other timing volunteer enters through the timing keyboard the boat numbers in the correct ranking order in the timing system and writes down the order of the crews. ○ Note: If the Official Timing Provider provides a new timing technology (video camera) at each intermediate timing position, then the NTO and the 2 timing volunteers are not required at the intermediate timing positions. In such case, security measures should be put in place to 	
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	<p>Intermediate Points (500m, 1000m, 1500m):</p> <ul style="list-style-type: none"> ○ At each intermediate point, it is required to have a clear sight marker, identical to that used at the Start, for reference by the intermediate timing officials and situated only on the opposite side of the course to the intermediate timing position. ○ If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the timing officials above the banners. <p>At the Finish Line</p> <ul style="list-style-type: none"> ○ Sight marker – fixed on the opposite side of the course to the Finish Tower, exactly on the Finish line. If the opposite bank is too far away, then the marker must be placed on a structure very firmly fixed in the water – such structure should not have any movement under any conditions. ○ Dimensions – 150 – 200 cm height, 100 - 150 cm wide. The marker should be painted in two vertical halves, one bright yellow (direction of start) and one black (direction of finish). Where the colour changes from black to yellow shall be the finish line. The line where this colour change occurs shall be exactly vertical down its full height. 	<p style="color: red;">ensure no interference with the cameras after they have been calibrated.</p> <ul style="list-style-type: none"> ○ The timing officials in the intermediate timing positions must be very proficient. It is strongly recommended that the same “team” should remain unchanged (as much as possible) throughout the regatta in these positions. <p>Sight Markers</p> <p>At the Start Line</p> <ul style="list-style-type: none"> ○ Sight marker – firmly fixed (unable to be twisted) as close as possible to at the water’s edge at the surveyor’s mark, on the opposite side of the course to the Aligner’s Hut exactly on the start line. If the opposite bank is too far away, the marker can be fixed on a structure very firmly fixed in the water – such structure should not have any movement under any conditions. ○ Dimensions – 150 – 200 cm height, 100–150 cm a minimum of 40cm wide (20cm for each vertical half). No advertising banners should be placed in front of the sight marker as the base of the line must be visible to the aligning camera. If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the Aligner above the banners. 	
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	<ul style="list-style-type: none">○ Recommended maximum distance from the course – 50 meters.○ If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the Finish judge above the banners.	<ul style="list-style-type: none">○ The marker should be painted in two vertical halves, one bright yellow (direction of start) and one black (direction of finish). The precise vertical position where the colour changes from black to yellow must be determined through the survey marks at each end if the line, which shall be in line with the start line. The line where this colour change occurs shall be exactly vertical down its full height and shall be consistent with the survey certificate described in B.1.1, Section “SURVEY”. See the enclosed example photos. <p>Intermediate Points (500m, 1000m, 1500m):</p> <ul style="list-style-type: none">○ At each intermediate point, it is required to have a clear sight marker, identical to that used at the Start, for reference by the intermediate timing officials and situated only on the opposite side of the course to the intermediate timing position.○ If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the timing officials above the banners. <p>At the Finish Line</p> <ul style="list-style-type: none">○ Sight marker – firmly fixed (unable to be twisted) on the opposite side of the course to the Finish Tower at the water’s edge, exactly on the Finish line. If the opposite bank is too	
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		<p>far away, then the marker must be placed on a structure very firmly fixed in the water – such structure should not have any movement under any conditions.</p> <p>Dimensions – 150 – 200 cm height, 100–150 cm a minimum of 40cm wide (20cm for each vertical half). The marker should be painted in two vertical halves, one bright yellow (direction of start) and one black (direction of finish). Where the colour changes from black to yellow shall be the finish line. The line where this colour change occurs shall be exactly vertical down its full height. The precise vertical position where the colour changes from black to yellow must be determined through the survey marks at each end of the line, which shall be in line with the finish line.</p> <ul style="list-style-type: none"> ○ Recommended maximum distance from the course – 50 meters. ○ No advertising banners should be placed in front of the sight marker as the base of the line must be visible to the photo-finish cameras. If advertising banners are placed in front of the site marker then at least 50 cm of the site marker should be visible to the Finish judge above the banners. 	
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<p>B.2.3</p>	<p>Bubble Line</p> <p>The bubble line is a requirement only for the Olympic Games and the World Rowing Championships. The bubble line is optional for World Rowing Cups, World Rowing Under 23 and Junior Championships, and European Rowing Championships.</p>	<p>Bubble Line</p> <p>The bubble line is a requirement only for the Olympic and Paralympic Games, and the World Rowing Championships, U23 and Junior Championships, and the European Rowing Championships. The bubble line is optional but recommended for World Rowing Cups, World Rowing Under 23 and Junior Championships, and European Rowing Championships.</p>	<p>Change to reflect requirements of SEAP bid documents</p>
<p>B.2.4</p>	<p>Traffic Rules for Training</p> <p>Traffic Rules for training should separate Para-rowing crews from other crews.</p>	<p>Traffic Rules for Training</p> <p>Traffic Rules for training should separate Para-rowing PR1 and PR2 para crews from other crews. PR3 crews can train in either para rowing or able-bodied lanes. Please refer to the FISA Para Rowing Manual for more information.</p>	<p>Change to current practises.</p>
<p>B.2.4</p>	<p>Marshals</p> <ul style="list-style-type: none"> ○ In the cases where the warm-up and cool-down is carried out on the racing course, marshals should also be stationed at the 1000 metres, at the 1250 metres mark and near the Finish line to make sure that the boats are warming up and cooling down in the correct lanes as shown on the traffic rules and that there is no overlap between warming up and cooling down boats. Note: These positions may vary depending on the course and must be discussed with the Technical Delegate. 	<p>Marshals</p> <ul style="list-style-type: none"> ○ In the cases where the warm-up and cool-down is carried out on the racing course, marshals should also be stationed at the 100m, at the 250m (the end of the Warming Up zone before the start zone), 1000 metres (the end of the Warming Up zone), at the 1250 metres mark (the end of the cooling down zone), and approximately 15m to 20m after near the Finish line. The marshals should to make sure that the boats are not entering in the racing lanes when a race is approaching, turning at the correct locations in the warming up and cooling down zones and the crews are using in the correct lanes as shown on 	<p>Additions to be clearer and more specific on the locations of the marshals.</p>

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		the traffic rules and that there is no overlap between warming up and cooling down boats. Note: These positions may vary depending on the course and must be discussed with the Technical Delegate.	
B.3.1	<p>THE START TOWER</p> <p>EQUIPMENT IN THE START TOWER</p> <p>A white board for visual display to crews any alterations in the racing programme - facing the crews, visible for at least 100m, and thick markers for clear, easily visible writing</p>	<p>THE START TOWER</p> <p>EQUIPMENT IN THE START TOWER</p> <p>A white board for visual display to crews any alterations in the racing programme - facing the crews, visible for at least 100m over the entire start area, and thick markers for clear, easily visible writing</p>	Update to more realistic expectation for the writing on the board
B.3.2	The start fingers should slide in tunnels (ideally covered), constructed in the bank behind the Start area.	<p>The start fingers should slide freely in tunnels (ideally covered), constructed in the bank behind the Start area. It is recommended that each start finger should move independently of each other to allow for correct alignment of different lengths of boats within a race.</p> <p>It is vital that regardless of its construction the Start structure allow the shortest boats (around 6m for a para-rowing 1x) and longest boats (around 18m) to be correctly aligned on the Start line.</p>	Specifying that Start bridges/fingers must be able to accommodate shorter para boats alignment on the Start line. Include recommendation that each finger should move independently.
B.3.4	<p>The Aligners Hut</p> <p>Vertical Wire – marking the start line, maximum 1 mm thick and colour black. This wire has to be fixed absolutely firmly and taught, placed between the start line video camera and the start line and fixed in two sections:</p>	<p>The Aligners Hut</p> <p>Vertical Wires – marking the start line, maximum 1 mm thick and colour black. This These wires has have to be fixed absolutely firmly and taught.; placed between the start line video camera and the start line and fixed in two sections:</p>	Update and clarification on current practises.

	<ul style="list-style-type: none"> ○ The upper part of the wire (which is immediately in front of the start line video camera) is used for checking the exact correct position of the video camera. It then 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. ○ The Aligner and the Judge at the Start should be able to use the lower part of the wire at all times by sighting against the start marker on the far side of the course during the start procedure as a check and as a back up to the video picture. <p>Option: Two vertical wires are placed at a distance approximately 80-100 cm from each other, in line with the Start line, fixed between the roof and the floor in front of the Aligner's Hut. The video camera is placed between them (See Appendix B.3.3. "Aligner's Hut").</p> <p>After it has been proved that the video camera is in the correct position the front wire has to be removed.</p> <p>Note: The vertical wires, which will be constructed in the Aligner's hut in front and behind the video camera, must be exactly in line with the horizontal start line.</p>	<ul style="list-style-type: none"> ○ The upper part of The wire (which is immediately in front of the start line video camera) is used for checking the exact correct position of the video camera. It then 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. ○ The Aligner and the Judge at the Start should be able to use the lower part of the wire at all times by sighting against the start marker on the far side of the course during the start procedure as a check and as a back up to the video picture. <p>Option: Two vertical wires (a removable and a permanent) are placed at a distance approximately 80-100 cm from each other, in line with the Start line, fixed between the roof and the floor in front of the Aligner's Hut. The video camera is placed between them (See Appendix B.3.3. "Aligner's Hut"). The removable wire in front of the video camera has to be placed at a distance of approximately 80cm-100cm in front of the video camera.</p> <p>After it has been proved that the video camera is in the correct position the front wire has to be removed.</p> <p>The Aligner and the Judge at the Start should be able to use the permanent wire which is fixed behind the video camera, at all times by sighting against the start marker on the far side of the</p>	
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		<p>course during the start procedure as a check and as a back up to the video picture.</p> <p>Note: The vertical wires, which will be constructed in the Aligner’s hut in front and behind the video camera, must be exactly in line with the horizontal start line.</p>	
B.4.1	<p>The Finish Tower</p> <p>Location</p> <p>Exactly on the finish line, as close as possible to the course but not less than 27m from the racing lanes, not obstructing the view from the grandstands towards the finish line.</p>	<p>The Finish Tower</p> <p>Location</p> <p>Exactly on the finish line, as close as possible to the course but not lessmore than 27m70m from the racing lanes, not obstructing the view from the grandstands towards the finish line.</p>	Change to reflect what is allowed in reality
B.4.1	<p>FINISH TOWER</p> <p>Equipment</p> <p>Wire – marking the finish line, maximum 2 mm thick and black colour.</p> <p>Has to be vertical and fixed absolutely firmly and tight, positioned between the photo-finish video cameras and the horizontal finish line, and divided in two (vertical) sections:</p> <ul style="list-style-type: none"> ○ 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. ○ The Judges at the finish and Timing officials should be able to use the lower part of the wire 	<p>FINISH TOWER</p> <p>Equipment</p> <p>Wire – marking the finish line, maximum 2 mm thick and black colour. There are two options:</p> <p>Option 1 – Photo-Finish Cameras on different level to Jury & Timing Seats There shall be installed two vertical wires – either:</p> <ul style="list-style-type: none"> - 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. <p>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.</p>	Changes to reflect the different situations where cameras may or may not be on the same floor as the Judges/Timing seats.

	<p>by sighting against the finish line marker on the far side of the course at all times during the regatta.</p> <p>The vertical wires, which will be constructed in the Finish tower in front of the photo-finish cameras and in front of the timing officials, must be exactly in line with the horizontal finish line.</p>	<p>A separate vertical wire (permanent) must be installed at the Jury & Timing level of the finish tower.</p> <p>When looking through the vertical wires towards the sight marker at the opposite side of the course, they must be all in one line.</p> <p>Option 2 – Photo-Finish Cameras on same level as Jury & Timing Seats</p> <p>There shall be installed two vertical wires:</p> <ul style="list-style-type: none"> - 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: <p>Has to be vertical and fixed absolutely firmly and tight, positioned between the photo-finish video cameras and the horizontal finish line, and divided in two (vertical) sections:</p> <ul style="list-style-type: none"> 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 	<p>-----</p>
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		<p>finish line marker on the far side of the course at all times during the regatta.</p> <p>The vertical wires, which will be constructed in the Finish tower in front of the photo-finish cameras and in front of the timing officials, 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.</p> <p>There should be no glass in front of the Photo-finish cameras.</p> <p>See the drawings in Appendix B.1.1.</p>	
B.4.2	<p>Sport Presentation Equipment</p> <p>A Media Information System (MIS) monitor (provided by Official FISA Timing Provider)</p> <ul style="list-style-type: none"> o This must be linked to the timing/results system. 	<p>Sport Presentation Equipment</p> <p>AMedia Information System (MIS) monitors (minimum of 1 for each commentary position) (provided by Official FISA Timing Provider for the Tower Announcer and by FISA for Race commentators). This is a web-based application; wifi internet should be provided where possible in stationary commentary positions.</p> <p>This must be linked to the timing/results system.</p>	Update to current situation
B.4.4	<p>Flag Poles</p> <p>For World Rowing Championships, European Rowing Championships, Under 23 and Junior World Rowing Championships – up to 6 Flag Poles: up to 3 flag poles for the FISA flag, the national flag and a local flag if</p>	<p>Flag Poles</p> <p>For World Rowing Championships, European Rowing Championships, Under 23 and Junior World Rowing Championships – a minimum of 5 up to 6 Flag Poles: up to 3 flag poles for the FISA flag, the national flag and a local flag if appropriate, plus 3 for the Victory Ceremony of the winning crews.</p>	Change to be more clear on the minimum number required

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	appropriate, plus 3 for the Victory Ceremony of the winning crews.		
B.5.5	<p>For non-televised World Rowing events - (World Rowing U23 and Junior Championships Championships)</p> <p>A scoreboard (minimum 8 lines) must be provided for the spectators in the main grandstand area.</p>	<p>For non-televised World Rowing events - (World Rowing U23 and Junior Championships Championships)</p> <p>A scoreboard (minimum 8 lines) must be provided for the spectators in the main grandstand area. If no video production is made a big screen must still be provided to show live racing results and start lists. If a video production is required the big screen must be able to support the showing of racing footage.</p>	Update to current practises and technology.
B.5.6.1	<p>TELEPHONES</p> <p>An extensive telephone system needs to be provided for World Rowing events. All telephone lines must be installed and in operation minimum 4 days before the first racing day.</p> <p><i>Regatta Organisation</i></p> <p>Cable telephone lines interconnecting the Start Tower, the Aligner's Huts, Intermediate Timing Positions at each 500 meters, each level of the Finish Tower, the Control Commission, the Medical Centre, the Media Centre, and the Administration (FISA and the Organising Committee) to be provided by the OC.</p> <p><i>Start Area</i></p> <p>An entirely independent communication – radio, headphones or a telephone line - must be provided between the Starter and Judge at the Start. At the</p>	<p>TELEPHONES</p> <p>An extensive telephone system needs to be provided for World Rowing events. This could involve physical telephone lines, mobile phones that are located in a specific location, or a combination of the two. All telephones lines must be installed and in operation a minimum of 4 days before the first racing day.</p> <p><i>Regatta Organisation</i></p> <p>Cable telephone lines interconnecting the Start Tower, the Aligner's Huts, Intermediate Timing Positions at each 500 meters, or mobile phones interconnecting the Start Tower, the Aligner's Huts, Intermediate Timing Positions at each 500 meters, each level of the Finish Tower, the Control Commission, the Medical Centre, the Media Centre, and the Administration (FISA and the Organising Committee) to be provided by the OC.</p>	

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<p>World Rowing events this is provided by the Official FISA Timing Provider.</p> <p><i>Finish Tower</i></p> <p>Ground floor – 1 telephone line on the regatta organisation circuit</p> <p>First (Jury/Timing) floor:</p> <ul style="list-style-type: none"> ○ 1 telephone line on the regatta organisation circuit ○ 1 international telephone line for the Timing and Data processing ○ High speed Internet Connection for the Timing and Data processing, minimum 3 Mbit upload speed. <p>Second Floor (commentary and regatta organisation) - 1 telephone line on the regatta organisation circuit</p> <p><i>General</i></p> <p>Telephone lines for:</p> <p>The Organising Committee offices</p> <p>The Team Facilities and services:</p> <ul style="list-style-type: none"> ○ Team Information Centre, ○ Medical facilities, ○ Team Transport and Accommodation services, ○ Accreditation Centre. 	<p><i>Start Area</i></p> <p>An entirely independent communication – radio, headphones or a telephone line - must be provided between the Starter and Judge at the Start. At the World Rowing events this is provided by the Official FISA Timing Provider.</p> <p><i>Finish Tower</i></p> <p>Ground floor – 1 telephone line on the regatta organisation circuit</p> <p>First (Jury/Timing) floor:</p> <ul style="list-style-type: none"> ○ 1 telephone line or mobile phone permanently located in the floor on the regatta organisation circuit ○ 1 international telephone line for the Timing and Data processing ○ High speed Internet Connection for the Timing and Data processing, minimum 3 Mbit upload speed. <p>Second Floor (commentary and regatta organisation) - 1 telephone line or mobile phone permanently located in the floor on the regatta organisation circuit</p> <p><i>General</i></p> <p>Telephone lines or mobile phones permanently located in the following positions for:</p> <p>The Organising Committee offices</p> <p>The Team Facilities and services:</p>	
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<p><i>Copying Centre(s)</i></p> <ul style="list-style-type: none"> ○ 1 telephone line on the regatta organisation circuit, ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Control Commission</i></p> <ul style="list-style-type: none"> ○ 1 telephone line on the regatta organisation circuit, ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Media</i></p> <p>Media Centre</p> <ul style="list-style-type: none"> ○ Network LAN line for the printer of the FISA Timing Contract Partner ○ 1 computers for the media information desk for all World Rowing connected to internet and connected to printers <p>FISA Media Workspace</p> <ul style="list-style-type: none"> ○ 1 x international telephone line ○ 1 x telephone line on the regatta organisation circuit <p>Media Grandstand</p> <p>If the media centre is at far distance from the media grandstand a telephone line connected to the regatta</p>	<ul style="list-style-type: none"> ○ Team Information Centre, ○ Medical facilities, ○ Team Transport and Accommodation services, ○ Accreditation Centre. <p><i>Copying Centre(s)</i></p> <p>○ 1 telephone line on the regatta organisation circuit,</p> <ul style="list-style-type: none"> ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Control Commission</i></p> <ul style="list-style-type: none"> ○ 1 telephone line or mobile phone permanently located on the regatta organisation circuit, ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Media</i></p> <p>Media Centre</p> <ul style="list-style-type: none"> ○ Network LAN line for the printer of the FISA Timing Contract Partner ○ 1 computer for the media information desk for all World Rowing connected to internet and connected to printers <p>FISA Media Workspace</p> <p>○ 1 x international telephone line</p>	
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	<p>organisation circuit must be provided at the media grandstand.</p> <p>Note:</p> <p>The requirements for the media centre and for the media grandstand vary according to the layout. The requirements as described above apply for cases where only one media facility is provided e.g. the media grandstand is functioning as a media centre as well.</p> <p>When the media centre and media grandstand are provided as separate facilities, then the total number of lines can be spread across the two facilities.</p> <p><i>FISA Offices</i></p> <ul style="list-style-type: none"> ○ 1 telephone line ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Telephone Lists</i></p> <p>Upon the arrival of the first FISA representatives, the following telephone lists shall be provided:</p> <p>Of all telephone numbers on the Regatta organisation circuit</p> <p>Of all mobile telephone numbers of the key OC officials</p> <p>The contact numbers of all Team Managers. These should be collected by the OC at the Information centre, at the Accreditation centre or at the Team Managers Meetings before the first racing day.</p>	<ul style="list-style-type: none"> ○ 1 x telephone line or mobile phone permanently located on the regatta organisation circuit <p>Media Grandstand</p> <p>If the media centre is at far distance from the media grandstand a telephone line or permanently located mobile phone connected to the regatta organisation circuit must be provided at the media grandstand.</p> <p>Note:</p> <p>The requirements for the media centre and for the media grandstand vary according to the layout. The requirements as described above apply for cases where only one media facility is provided e.g. the media grandstand is functioning as a media centre as well. When the media centre and media grandstand are provided as separate facilities, then the total number of lines can be spread across the two facilities.</p> <p><i>FISA Offices</i></p> <ul style="list-style-type: none"> ○ 1 telephone line ○ Network LAN line for the printer of the FISA Timing Contract Partner <p><i>Telephone Lists</i></p> <p>Upon the arrival of the first FISA representatives, the following telephone lists shall be provided:</p>	
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	<p>Note: In addition there would be requests for telephone lines for the TV and Radio commentators. These are usually provided by the local Host Broadcaster.</p>	<p>Of all telephone numbers for telephone lines or mobile phones located around the venue on the Regatta organisation circuit</p> <p>Of all mobile telephone numbers of the key OC officials</p> <p>Of all mobile telephone sim cards provided for FISA and who those numbers are allocated to</p> <p>The contact numbers of all Team Managers. These should be collected by the OC at the Information centre, at the Accreditation centre or at the Team Managers Meetings before the first racing day.</p> <p>Note: In addition there would be requests for telephone lines for the TV and Radio commentators. These are usually provided by the local Host Broadcaster.</p>	
B.5.6.2	<p>RADIOS (WALKIE-TALKIES)</p> <p>A detailed plan of the radio requirements and their distribution should be prepared in advanced and agreed with FISA.</p> <p>The number of radios depends upon the course (a natural lake or a course on an artificial channel), and the number of control points necessary to ensure the safe and smooth operation of the event.</p> <p>The TV trailers and equipment usually cause serious problems with the reception of radio signals and this has to be taken into consideration.</p>	<p>RADIOS (WALKIE-TALKIES)</p> <p>A detailed plan of the radio requirements and their distribution should be prepared in advanced and agreed with FISA.</p> <p>The number of radios depends upon the course (a natural lake or a course on an artificial channel), and the number of control points necessary to ensure the safe and smooth operation of the event.</p> <p>The TV trailers and equipment usually cause serious problems with the reception of radio signals and this has to be taken into consideration.</p>	<p>Update to require each Umpire catamaran to have easy access to the FISA radio channel, and requiring radios for television catamaran drivers to have headsets.</p>

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	<p>Radios (with at least three separate channels) must be provided for:</p> <ul style="list-style-type: none"> ○ FISA ○ 25 radios shall be provided for FISA. ○ The Regatta Controller from the Organising Committee should also be on the FISA channel. ○ The radios must be available 48 hours before the first racing day. ○ The FISA radios must be capable of communication between the boathouse area, the Finish Tower and the area behind the start (up to 3000m distance). ○ Medical and Rescue service – for each medical and rescue point. The radios should be distributed as follows: <ul style="list-style-type: none"> ○ Chief Medical Officer (1) ○ Medical Centre (1) ○ Rescue Boat Controller (1) ○ Rescue Boats (5) ○ First Aid Control (1) ○ Ambulances (2) ○ Organising Committee (1) ○ First Aid posts (1 for each post) 	<p>Radios (with at least three separate channels) must be provided for:</p> <ul style="list-style-type: none"> ○ FISA ○ 25 radios shall be provided for FISA. ○ The Regatta Controller from the Organising Committee should also be on the FISA channel. ○ The radios must be available 48 hours before the first racing day. ○ The FISA radios must be capable of communication between the boathouse area, the Finish Tower and the area behind the start (up to 3000m distance). ○ One headset should be provided for each television and commentary catamaran that will be in operation during the event. ○ Medical and Rescue service – for each medical and rescue point. The radios should be distributed as follows: <ul style="list-style-type: none"> ○ Chief Medical Officer (1) ○ Medical Centre (1) ○ Rescue Boat Controller (1) ○ Rescue Boats (5 1 for each rescue boat) ○ First Aid Control (1) 	
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	<ul style="list-style-type: none"> ○ Organising Committee <p>In addition to the radios for the key members of the OC there shall be provided radios for each Umpiring catamaran and each television and commentary catamaran, and able to be switched between the FISA channel and the Organising Committee channel.</p>	<ul style="list-style-type: none"> ○ Ambulances (2) ○ Organising Committee (1) ○ First Aid posts (1 for each post) ○ Organising Committee ○ Umpiring Catamarans <ul style="list-style-type: none"> ○ A minimum of 1 radio for each Umpiring Catamaran shall be provided, which should primarily be for the use of the Umpire on the FISA channel. If there is a requirement for the boat driver to have easy access to the Organising Committee channel an additional radio should be provided. <p>In addition to the above and radios for the key members of the OC there shall be provided radios for each Umpiring catamaran and each television and commentary catamaran, and able to be switched between the FISA channel and the Organising Committee channel.</p>	
B.5.6.5	<p>Mobile Phones</p> <p>The Organising Committee should provide 20 compatible sim cards.</p>	<p>Mobile Phones</p> <p>The Organising Committee should provide 30 compatible sim cards for the World Rowing Championships, and 20 compatible sim cards for all other World Rowing events.</p>	Clarification over the number of sim cards required for the World Rowing Championships.
B.5.6.6	<p>Internet</p>	<p>Internet</p>	

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		The latest Broadband requirements document is available from FISA on request. Free wifi should be available throughout the venue at all World Rowing events.	
B.6.5	<p>Number of Rescue Boats</p> <p>During training</p> <p>Marshal and rescue can be in the same boat.</p> <p>Minimum 1 boat during quiet training periods.</p> <p>2 or 3 boats during busy training periods.</p> <p>During racing</p> <p>Minimum 5 boats during racing. Minimum 6 boats during racing when the warming up area is away from the racing course.</p>	<p>Number of Rescue Boats</p> <p>During training</p> <p>Marshal and rescue can be in the same boat.</p> <p>Minimum 1 2 boats during quiet training periods.</p> <p>2 or 3 boats during busy para-rowing shared training periods.</p> <p>During racing</p> <p>Minimum 5 boats during racing. Minimum 6 boats during racing when the warming up area and cooling down area is away from the racing course (extra boat in the warming up and cooling down area). Minimum 8 boats during para-racing if the warming up and cooling down area is away from the racing course (5 boats on the racing course and 3 boats in the warming up and cooling down area).</p>	Updating minimum requirements
B.7.5	<p>BOAT PONTOONS</p> <p>For rowing – there must be 4 separate pontoons, placed perpendicular to the bank in front of the rowing boathouses and the boat racks.</p> <p>If Para-rowing events are included in the event a fifth pontoon accessible for wheelchairs must be provided.</p>	<p>BOAT PONTOONS</p> <p>For rowing – there must be 4 separate pontoons, placed perpendicular to the bank in front of the rowing boathouses and the boat racks.</p> <p>If Para-rowing events are included in the event ideally a fifth pontoon accessible for wheelchairs must be provided. This fifth pontoon, or any other pontoon being used for para athletes, must be accessible for</p>	

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		wheelchairs and athletes with mobility devices. It must have a non-slip surface and should not have any cracks or ridges which may make the use of a mobility device difficult.	
B.7.9	<p>Para-Rowing Classification Required when Para-rowing events are included in the event programme. Classification for athletes with physical disability is carried out at the venue and suitable facilities must be provided. Classification for visually impaired athletes will normally be carried out at a separate facility (e.g. hospital) and arrangements should be made in cooperation with the Para-rowing Commission.</p>	<p>Para-Rowing Classification Required when Para-rowing events are included in the event programme (unless informed otherwise by the FISA Classification Coordinator). Classification for athletes with physical disability is carried out at the venue and suitable facilities must be provided. Classification for visually impaired athletes will normally be carried out at a separate facility (e.g. hospital) and arrangements should be made in cooperation with the Para-rowing Commission-FISA Classification Coordinator.</p>	Update to current procedure.
B.7.9	<p>CLASSIFICATION EVALUATION ROOM Closed room where the actual classification of athletes takes place. Requirements</p> <ul style="list-style-type: none"> ○ Shall be organised close to the boathouse and team facilities. ○ There shall be approximately 40m2 available <p>Equipment</p> <ul style="list-style-type: none"> ○ Medical bench ○ Pillow ○ Chairs (5 – 6) ○ Table (1m x 2m) - 2 	<p>CLASSIFICATION EVALUATION ROOM Closed room where the actual classification of athletes takes place. Requirements</p> <ul style="list-style-type: none"> ○ Shall be organised close to the boathouse and team facilities. ○ There shall be approximately 40m2 available, which can be divided in to two rooms dependant on the amount of classifications that are required to be performed in a day. <p>Equipment</p> <ul style="list-style-type: none"> ○ Medical bench/massage table 	Based on experience in Plovdiv, where around 36m2 was sufficient for two evaluation rooms. The two rooms were required given the high number of classifications that needed to be done in one day. Updates to equipment required.

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	<ul style="list-style-type: none"> ○ Electrical power ○ Normal rowing ergometers (2) ○ Rowing Ergometers with fixed para-rowing seat and strapping (2) ○ Antiseptic cleaning wipes 	<ul style="list-style-type: none"> ○ Pillow ○ Chairs (5 – 6) ○ Table (1m x 2m) - 2 ○ Electrical power ○ Normal rowing ergometers (2) ○ Rowing Ergometers with fixed para-rowing seat, with and without a seat back, and strapping (2) ○ Antiseptic cleaning wipes 	
B.7.9	<p>CLASSIFICATION ADMINISTRATION ROOM Area for preparation and processing of classification.</p> <p>Requirements</p> <ul style="list-style-type: none"> ○ Shall be organised next to or very close to classification room(s) ○ There shall be approximately 40m2 available. <p>Equipment</p> <ul style="list-style-type: none"> ○ Table (1m x 2m) ○ 6 chairs ○ Telephone line ○ Access to fax, copier and printer ○ Internet access 	<p>CLASSIFICATION ADMINISTRATION ROOM Area for preparation and processing of classification.</p> <p>Requirements</p> <ul style="list-style-type: none"> ○ Shall be organised next to or very close to classification evaluation room(s) ○ There shall be approximately 40m2 24m2 available. <p>Equipment</p> <ul style="list-style-type: none"> ○ Table (1m x 2m) ○ 6 chairs ○ Telephone line ○ Access to fax, scanner, copier and printer 	40m2 not needed for this area. Updates to equipment required.

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		<ul style="list-style-type: none"> ○ Internet access ○ Electrical power outlet 	
B.7.9	<p>CLASSIFICATION WAITING AREA Area immediately next to administration and/or classification areas, for athletes & team officials waiting for classification</p> <p>Requirements</p> <ul style="list-style-type: none"> ○ There shall be approximately 25m² available <p>Equipment</p> <ul style="list-style-type: none"> ○ Table (1m x 2m) ○ 6 – 8 chairs ○ Telephone line ○ WC in close proximity ○ Internet access 	<p>CLASSIFICATION WAITING AREA Area immediately next to administration and/or classification areas, for athletes & team officials waiting for classification</p> <p>Requirements</p> <ul style="list-style-type: none"> ○ There shall be approximately 25m² available <p>Equipment</p> <ul style="list-style-type: none"> ○ Table (1m x 2m) ○ 6 – 8 chairs ○ Telephone line ○ WC in close proximity ○ Internet access ○ Electrical outlet 	Update to equipment required.
B.7.10	<p>B.7.10 ERGOMETERS For Olympic Games, World Rowing Championships, World Rowing Cup regattas, World Rowing U23 and Junior Championships, and European Rowing Championships there shall be 20 Ergometers available for the rowers. The Ergometers shall be placed in an area (120 – 150m²) protected from the sun and rain. Disinfectant sprays and wipes must be provided in the ergometer area together with disposal bins.</p>	<p>B.7.10 ERGOMETERS ATHLETE WARM-UP EQUIPMENT The following warm-up equipment and area should be made available to athletes:</p> <ul style="list-style-type: none"> - Olympic Games, World Rowing Championships, World Rowing Cups where para events are offered: 30 ergometers and 10 stationary bikes. The area provided should be 180m² to 250m². - European Rowing Championships, World Rowing U23 and Junior Championships, 	Increasing the number of ergometers required and adding requirement for stationary bikes. Specification that the ergometers provided must be from companies regularly used by teams, and any machines from additional companies must be in addition to the number specified in the Manual.

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	<p>If para-rowing events are included in the event programme, an additional 2 - 3 rowing Ergometers with fixed para-rowing seats shall be provided.</p>	<p>World Rowing Cups where no para events are offered: 20 ergometers and 10 stationary bikes. The area provided should be 120m2 to 150m2.</p> <ul style="list-style-type: none"> - If para-rowing events are included in the event programme, an additional 2 - 3 rowing Ergometers with fixed para-rowing seats shall be provided. <p>For Olympic Games, World Rowing Championships, World Rowing Cup regattas, World Rowing U23 and Junior Championships, and European Rowing Championships there shall be 20 Ergometers available for the rowers.</p> <p>The Ergometers equipment shall be placed in an area (120—150m2) protected from the sun and rain and well-ventilated (air-conditioned if the conditions require it).</p> <p>The Ergometers provided should mirror the current usage by the national teams in terms of both the brands of machine and the proportionate distribution between brands; this is so that they can use machines that are familiar to them when preparing for their events. Currently the approved machines are Concept 2 and RP3; FISA will advise on the appropriate proportions. If ergometers outside of those companies are provided they should be in addition to the numbers specified above.</p> <p>If multiple ergometer areas are provided the Concept 2/RP3 ergometers must be in the area most convenient to the athletes.</p> <p>Disinfectant sprays and wipes must be provided in the ergometer area together with disposal bins.</p>	
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<p>B.7.13.1</p>	<p>TENTS OWNED BY TEAMS</p> <p>Space should be available for tents that are brought by the Teams - near to the boathouse area (for 10 – 12 tents).</p>	<p>TENTS OWNED BY TEAMS</p> <p>Space should be available for tents that are brought by the Teams - near to the boathouse area (for 10 – 12 tents). Space should be anticipated for up to 20 tents of around 50m2 each. Teams wanting space additional to this should be encouraged to make separate arrangements outside of the accredited area. A dedicated area should be identified and allocated for team’s ice baths. This area should include a safe access point for electricity for the ice baths, and a suitable location for draining of the water. The draining location should include a drain or piping that allows water to be removed from the ice baths without creating mud or wet ground in the surrounding area. If there is no suitable area on the venue this should be clearly communicated to teams to allow them to make separate arrangements off-site.</p> <ul style="list-style-type: none"> ○ An area for ice baths is not required for the U23 and Junior Championships. <p>OCs are encouraged to have a booking system for team tents and ice baths to allow proper planning and laying out of space. Additionally, it is recommended that OCs have a ‘rate card’ system in place to make it clear to teams how much they must pay if requesting their own electricity or other amenities in their team tents and ice baths.</p>	<p>Attempting to be relevant to the current situation where teams bring more and more bigger tents, and including ice baths as they hadn’t been mentioned previously.</p>
<p>B.7.13.2</p>	<p>Athlete ‘Kiss and Cry’ Zone</p> <p>Requirements</p>	<p>Athlete ‘Kiss and Cry’ Zone</p> <p>Requirements</p>	<p>Snacks, drinks and television sets not required.</p>

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	To be provided with umbrellas or a large tent, chairs, tables, simple snacks, fruit and drinks. Two - three television sets.	To be provided with umbrellas or a large tent, chairs, tables simple snacks, fruit and drinks. Two - three television sets.	
B.7.14	COACHES VIEWING ON ARTIFICIAL COURSES (CHANNELS) The Organising Committee should arrange for a bicycle service to be available for Teams and coaches to hire (60 – 100 bicycles).	COACHES VIEWING ON ARTIFICIAL COURSES (CHANNELS) The Organising Committee should arrange for a bicycle hire service to be available for Teams and coaches to hire (60 – 100 bicycles). If a bicycle hire service is provided a minimum of five bicycles should be provided for use by FISA at no charge.	Updated to include the provision of free bikes for FISA use during the event.
Appendix B.8.5	OFFICE FURNITURE & EQUIPMENT FOR FISA The following furniture and equipment are required to be provided for the FISA work areas: <ul style="list-style-type: none"> - Internet line (LAN or wireless) - Electrical extension 	OFFICE FURNITURE & EQUIPMENT FOR FISA The following furniture and equipment are required to be provided for the FISA work areas: <ul style="list-style-type: none"> - Internet line (LAN or wirelessWiFi) - Electrical extension 	This is abbreviated from a larger table – specifying that Wifi, not LAN connection is required in the FISA Office, except for the FISA Marketing Director during a broadcast event and for the Swiss Timing laptop and printer.
B.8.6	N/A	Team Managers Work Space Facilities Team Managers provide a vital service to the smooth running of an event by providing the link between FISA, the OC and the teams. As such it is recommended that a workplace for Team Managers is provided (required for the World Rowing Championships), which also alleviates the pressures of Team Managers using the Media Centre as a workplace. Requirements:	Additional section to include in the list of Offices and Meeting Rooms a work place for Team Managers.

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		<ul style="list-style-type: none"> ○ A room with sufficient tables and chairs for workplaces for 20 to 30 Team Managers ○ Electrical power supply for Team Managers laptops ○ Wi-Fi connection sufficient for all individuals working in the room ○ Ideally, a supply of water, tea and coffee for Team Managers <p>If no such work space is possible the Team Managers Meeting Room could potentially be used for this purpose, depending on the individual venue situation.</p>	
<p>B.9.5.1</p>	<p>MASSAGE EQUIPMENT</p> <p>Men – up to 10 massage tables (up to 30-40m²)</p> <p>Women – up to 7 massage tables (up to 30m²)</p> <p>Benches, clothes hooks.</p> <p>Disinfectant sprays and wipes</p> <p>A plentiful supply of paper towels (by the roll).</p> <p>Large plastic bins with strong disposable plastic bin bags for the disposal of waste.</p>	<p>MASSAGE EQUIPMENT</p> <p>Men – up to 10 minimum of 4 massage tables (up to 30-40m²220m²) for the World Rowing Championships, minimum of 3 for all other World Rowing events.</p> <p>Women – up to 7 minimum of 4 massage tables (up to 30m²220m²) for the World Rowing Championships, minimum of 3 for all other World Rowing events.</p> <p>Benches, clothes hooks.</p> <p>Disinfectant sprays and wipes</p> <p>A plentiful supply of paper towels (by the roll).</p>	<p>Reducing numbers based on low usage in recent years</p>

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		Large plastic bins with strong disposable plastic bin bags for the disposal of waste.	
B.10.2	<p>MEDIA CENTRE</p> <p>FACILITIES REQUIREMENTS</p> <p>FISA will assist in the design of the layout of the Media Centre. Plans of previous centres are available from FISA.</p> <p>Size:</p> <ul style="list-style-type: none"> ○ Olympic & Paralympic Games: 600m2 ○ World Rowing Championships: 400m2 ○ World Rowing Cup: 300m2 ○ World Rowing U23 Championships: 200m2 ○ World Rowing Junior Championships: 200m2 ○ European Rowing Championships: 300m2 <p>Note: It is possible to propose a model where a single fully covered and equipped grandstand replaces the separate media centre. In this case, a telecoms cabin, WC, proper area for results service and catering area must be installed at close proximity.</p> <p>The media centre must offer the following numbers of tabled work stations:</p> <ul style="list-style-type: none"> ○ World Rowing Championships: 150, fully equipped with cabled internet access ○ World Rowing U23 Championships: 30, 20 equipped with cabled internet access 	<p>MEDIA CENTRE</p> <p>FACILITIES REQUIREMENTS</p> <p>FISA will assist in the design of the layout of the Media Centre. Plans of previous centres are available from FISA.</p> <p>Size:</p> <ul style="list-style-type: none"> ○ Olympic & Paralympic Games: 600m2400m2 ○ World Rowing Championships: 400m2300m2 ○ World Rowing Cup: 300m2200m2 ○ World Rowing U23 Championships: 200m2150m2 ○ World Rowing Junior Championships: 200m2150m2 ○ European Rowing Championships: 300m2200m2 <p>Note: It is possible to propose a model where a single fully covered and equipped grandstand replaces the separate media centre. In this case, a telecoms cabin, WC, proper area for results service and catering area must be installed at close proximity. Weather and the time of year should be taken in to consideration if this model is to be proposed, including high and low temperatures.</p>	Updated on advice from FISA Comms team to current requirements

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	<ul style="list-style-type: none"> ○ World Rowing Junior Championships: 30, 20 equipped with cabled internet access ○ World Rowing Cups and European Rowing Championships: 60-90, 50 equipped with cabled internet access <p>Each workplace must measure a minimum of 80 cm wide for each position (desks and chairs). All tabled work stations must be supplied with:</p> <ul style="list-style-type: none"> ○ access to an individual electrical power outlet ○ adequate number of extension cables ○ Internet connection (wired or wireless) ○ Power adapters should be made available on loan or for sale by the OC. 	<p>The media centre must offer the following numbers of tabled work stations:</p> <ul style="list-style-type: none"> ○ World Rowing Championships: 150, fully equipped with cabled internet access ○ World Rowing U23 Championships: 30, 20 equipped with cabled internet access ○ World Rowing Junior Championships: 30, 20 equipped with cabled internet access ○ World Rowing Cups: 60-90, 30 equipped with cabled internet access (World Rowing Cup I typically should be smaller than World Rowing Cup III) ○ European Rowing Championships: 50, 30 equipped with cabled internet access <p>Each workplace must measure a minimum of 80 cm 100cm wide for each position (desks and chairs). All tabled work stations must be supplied with:</p> <ul style="list-style-type: none"> ○ access to an individual electrical power outlet ○ adequate number of extension cables ○ Internet connection (wired or and wireless, including a dedicated WiFi for the Media Centre with password) <p>Power adapters should be made available on loan or for sale by the OC.</p>	
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		It is encouraged to provide a water refill station to reduce the provision of single use plastic water bottles. Additionally, plastic packaging on food should be avoided wherever possible.	
B.10.3	<p>MEDIA GRANDSTAND</p> <p>FACILITY REQUIREMENTS</p> <p>The Media Grandstand must contain the following numbers of seats:</p> <ul style="list-style-type: none"> ○ World Rowing Championships: 100 tabled seats plus 6 – 8 tables for persons with disabilities, each with a helper. ○ World Rowing U23 Championships: 30 tabled seats ○ World Rowing Junior Championships: 30 tabled seats ○ World Rowing Cups and European Rowing Championships: 50 tabled seats 	<p>MEDIA GRANDSTAND</p> <p>FACILITY REQUIREMENTS</p> <p>The Media Grandstand must contain the following numbers of seats:</p> <ul style="list-style-type: none"> ○ World Rowing Championships: 100 tabled seats plus 6 – 8 tables for persons with disabilities, each with a helper. ○ World Rowing U23 Championships: 3020 tabled seats ○ World Rowing Junior Championships: 3020 tabled seats ○ World Rowing Cups: 3020 - 5040 tabled seats (World Rowing Cup I typically should be smaller than World Rowing Cup III) ○ European Rowing Championships: 5030 tabled seats 	Updated on advice from FISA Comms team to current requirements
B.10.5	<p>MEDIA ACCREDITATION FORM</p> <p>The system allows for fax generation which can be sent (signed and stamped) for validation if requested by the OC.</p>	<p>MEDIA ACCREDITATION FORM</p> <p>The system allows for fax generation which can be sent (signed and stamped) for validation if requested by the OC.</p>	Removal of reference to faxes

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<p>B.10.7</p>	<p>MEDIA SOCIAL ACTIVITIES</p> <p>Members of the media should be invited to take part in a media outing or specific media gathering (drinks). Due to long working hours the outing should take place close to the regatta venue.</p> <p>A sign-up sheet should be made and placed in the media centre.</p>	<p>MEDIA SOCIAL ACTIVITIES</p> <p>For the World Rowing Championships, European Championships, Juniors and U23s, members of the media should be invited to take part in a media outing or specific media gathering (drinks). Due to long working hours the outing should take place close to or at the regatta venue.</p> <p>A sign-up sheet or registration system should be made and placed in the media centre.</p> <p>Please see section C.7.2 for further detail on Social Events.</p>	<p>Clarification of which events this should take place at, and referring to more detail in the Social Events section.</p>
<p>B.11.3</p>	<p>NA</p>	<p>Editing of Video Clips for Television and Social Media</p> <p>At all FISA televised events (World Rowing Championships, European Rowing Championships and World Rowing Cups) a suitable room or container must be provided for the editing of video footage for clips to be used on social media and television broadcasts.</p> <ul style="list-style-type: none"> - Requirements: - Lockable room or container (10sqm or more) with air-conditioning/heating according to the local weather conditions - 2 to 3 tables and a minimum of 4 chairs - Normal electricity supply (220v) 	<p>Addition of requirements for video editing room</p>

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		<ul style="list-style-type: none"> - Dedicated cabled internet line with min. 20Mbit/second upload bandwidth - The room or container must be available from the morning of the first day of racing, until the evening of the last day of racing. 	
B.12.1	<p>Grandstands</p> <ul style="list-style-type: none"> o National Federations Presidents – up to 150 seats (OCs shall provide two free grandstand seats per National Federation plus the option for additional tickets to be purchased). o FISA Family – approximately 500-1000 seats at a World Rowing Championships; 300 seats for U23 and Junior Championships 	<p>Grandstands</p> <ul style="list-style-type: none"> o National Federations Presidents – up to 150 a minimum of 100 seats for the World Rowing Championships; a minimum of 50 seats for the European Rowing Championships, U23 and Junior Championships (OCs shall provide two free grandstand seats per National Federation plus the option for additional tickets to be purchased). The Presidents Grandstand is not required for World Rowing Cups. o FISA Family – approximately 500 a minimum of 1000 seats at a World Rowing Championships; 300750 seats for U23 and Junior Championships and 500 seats at a European Rowing Championships. 	Change to match requirements in the SEAP bid documents.
C.1.2	<p>Event Programme</p> <ul style="list-style-type: none"> o FISA and the Organising Committee will decide upon the official Opening Date for the Regatta Venue and supervised training on the water. 	<p>Event Programme</p> <ul style="list-style-type: none"> o FISA and the Organising Committee will decide upon the official Opening Date for the Regatta Venue and supervised training on the water. 	Change to reflect SEAP bid documents

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	<ul style="list-style-type: none"> ○ At World Rowing Championship regattas the Venue shall be officially opened four days before the first racing day. ○ At World Rowing Cup regattas and European Rowing Championships, the Venue shall be officially opened two days before the first racing day. 	<ul style="list-style-type: none"> ○ At World Rowing Championship regattas the Venue shall be officially opened four days before the first racing day. ○ At World Rowing U23 and Junior Championships the Venue shall be officially opened three days before the first racing day. ○ At World Rowing Cup regattas and European Rowing Championships, the Venue shall be officially opened two days before the first racing day. 	
C.1.2	<ul style="list-style-type: none"> ○ On-site Meteorological service desk: This is the best option for providing real-time weather information. On-site specialist with direct access to weather forecasting computer. Fairness Committee, President of Jury and Technical Delegates can discuss developing weather trends directly with the official concerned. This is mandatory for the World Rowing Championships, Olympic and Paralympic regattas, but at other World Rowing events the requirement will be subject to the risk of adverse weather as decided by FISA. 	<p>On-site Meteorological service desk: This is the best option for providing real-time weather information. On-site specialist with direct access to weather forecasting computer. Fairness Committee, President of Jury and Technical Delegates can discuss developing weather trends directly with the official concerned. This is mandatory for the World Rowing Championships, Olympic and Paralympic regattas, World Rowing Cups and European Rowing Championships, but at other World Rowing events the requirement is recommended and will be subject to the risk of adverse weather as decided by FISA.</p>	Change to reflect SEAP bid documents
C.2.3	<p>WEBSITE</p> <p>FISA requires that the Organising Committee establishes and maintains a website for the Championships. The terms under which the website</p>	<p>WEBSITE</p> <p>FISA requires that the Organising Committee establishes and maintains a website for the Championships/World Cup. The terms under which the</p>	Inclusion of World Cups, and specification that event websites cannot directly post start lists and results, but should rather link back to the FISA website.

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	<p>should be maintained are explained in the Website Agreement. Please contact FISA to receive the appropriate Website Agreement for the specified event/year, which is signed at the time of the bid.</p> <p>In principle, the website should include - at a minimum</p> <ul style="list-style-type: none"> - all of the information contained in the Bulletins. - The website must include a link to the FISA website, www.worldrowing.com, and should display on all pages the official Championships logo. - Note that organisations bidding to host a World Championships may establish a website during the bid phase. The terms under which this website should be set up and maintained are also provided in the Website Agreement. 	<p>website should be maintained are explained in the Website Agreement. Please contact FISA to receive the appropriate Website Agreement for the specified event/year, which is signed at the time of the bid.</p> <p>In principle, the website should include - at a minimum</p> <ul style="list-style-type: none"> - all of the information contained in the Bulletins. - The website must include a link to the FISA website, www.worldrowing.com, and should display on all pages the official Championships or World Cup logo. - Note that organisations bidding to host a World Championships may establish a website during the bid phase. The terms under which this website should be set up and maintained are also provided in the Website Agreement. - The website should link to the FISA website for start lists and results, but should not directly post such competition information. Any exception to this can only come by FISA approval and on an individual basis. 	
C.4.3	<p>ACCREDITATION</p> <p>OPERATION</p> <p>Preparation before the Championships</p> <ul style="list-style-type: none"> ○ The Accreditation Guidelines are explained in the FISA Information Bulletin that is sent to all National Federations by end of February of the year concerned. 	<p>ACCREDITATION</p> <p>OPERATION</p> <p>Preparation before the Championships</p> <ul style="list-style-type: none"> ○ The Accreditation Guidelines are explained in the FISA Information Bulletin that is sent to all National Federations by end of February of the year concerned. 	<p>Updating to current practise, and adding minimum standard around the lanyard.</p>

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	<ul style="list-style-type: none"> ○ For the World Rowing Championships, European Rowing Championships, World Rowing Under 23 and Junior Championships, the Official FISA Timing Provider and FISA will prepare the accreditation cards and transport them together with the needed equipment to the venue at least two days before the opening day of the accreditation centre. The Organising Committee should provide 10-12 volunteers for the accreditation centre operation and appoint an accreditation manager. They all should be available at least two days before the official opening of the accreditation centre and until the draw. After the draw 3-4 volunteers are sufficient. 	<ul style="list-style-type: none"> ○ For the World Rowing Championships, European Rowing Championships, World Rowing Under 23 and Junior Championships, the Official FISA Timing Provider and FISA will prepare provide the accreditation cards and transport them together with the needed equipment to the venue at least two days before the opening day of the accreditation centre. The Organising Committee should provide 10-12 volunteers for the accreditation centre operation and appoint an accreditation manager. They all should be available at least two days before the official opening of the accreditation centre and until the draw. After the draw 3-4 volunteers are sufficient. ○ FISA retains the rights for the lanyards for the World Rowing Championships. For all other World Rowing events FISA reverts the rights for the lanyard to the OC, pending design and quality of the lanyard approval by FISA. ○ As a minimum standard all lanyards shall have a safety clip or latch, to allow the lanyard to quickly unclip if caught on something and prevent strangulation of the wearer. 	
C.7.2	<p>SOCIAL EVENTS REQUIREMENTS</p> <p>As a guide the following events should form the basis of the minimum social programme at World Rowing Events:</p>	<p>SOCIAL EVENTS REQUIREMENTS</p> <p>As a guide the following events should form the basis of the minimum social programme at World Rowing Events:</p>	Complete re-write of the Social Events to clarify current situation.

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	<p>After the Draw and before the first racing day (except for World Rowing Cups & European Rowing Championships) – simple welcome and introduction drink for FISA, Jury and OC –approximately 40 - 60 persons.</p> <p>The first racing day or the day thereafter – dinner for FISA, Commissions and OC –approximately 100 persons (World Rowing Championships. Juniors and U23).</p> <p>At each World Rowing events there should be a gathering for the National Federation leaders and OC officials, Jury and FISA which allows them to discuss and exchange views (with drink and food). The format and timing should be agreed with FISA.</p> <p>On the day before the last day of Finals – “Nations Dinner” for approximately 250 – 400 persons.</p> <p>During the Championships at suitable days there are recommended functions to be considered for the Media and the Jury.</p> <p>On the last Finals day – an optional Farewell Function for all teams and international and national officials and volunteers – approximately 2000 persons.</p> <ul style="list-style-type: none"> ○ A very relaxed and informal event. ○ The OC should offer soft drinks or non-alcoholic beer. ○ The function is recommended to be organised at the venue, approximately 1 hour 	<p>World Rowing Championships, Juniors and U23: After the Draw and before the first racing day – simple welcome and introduction drink for FISA, Jury and OC – approximately 40 - 60 persons.</p> <p>World Rowing Championships, Juniors and U23: A dinner or outing for FISA Executive Committee, Council, Commissions and staff, and members of the OC – approximately 100 persons.</p> <p>World Rowing Championships, European Championships, Juniors and U23: A dinner or outing for the Jury and NTOs – approximately 40 - 60 persons. This should include the representatives from the FISA Umpiring Commission.</p> <p>In some situations it may be appropriate for the Jury Outing to be combined with the Media Outing. This should be confirmed with FISA ahead of time.</p> <p>World Rowing Championships, European Championships, Juniors and U23: A dinner or outing for the Media in attendance at the event. A registration process for the dinner or outing for media should be set up on the Media Office. This should include invitations for the members of the FISA Communications team in attendance at the event, in addition to the FISA commentators and sports presentation team.</p> <p>For the European Championships, Juniors and U23, this dinner or outing should be in an easily accessible location to the venue to allow media to attend directly from the venue. If this is not possible a suitable</p>	
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	<p>after the finish of the last race with a duration of maximum 2 hours so the athletes can return to the hotel in time for dinner. This function can be in the form of a simple grill party or just some snacks, and sandwiches or local light foods.</p> <ul style="list-style-type: none"> ○ Special attention should be paid to the security of the function. ○ OCs wishing to organise an athletes function in any form other than described above must discuss this well in advance with FISA and must obtain FISA’s prior approval. <p>If a Congress is staged in conjunction with the Championships, the evening before the Congress (usually Sunday evening) – reception for FISA and NF Delegates – approximately 200 persons.</p> <p>Congress Lunch (or Dinner) for FISA, National Federation Delegates and other participants – approximately 200 persons.</p> <p>OCs are encouraged to provide information about cultural or other national or local events happening at the time of the Championships in the closest town or areas and which might be of interest to visitors and promote the host country or city.</p> <p>It is essential that all social events are carefully planned, a list of invitations is prepared and an efficient distribution system is carried out.</p>	<p>alternative would be to offer drinks and snacks in the Media Office or somewhere else on the venue one day during the Championships after the close of racing.</p> <p>World Rowing Championships only: A gathering between FISA Executive Committee and Council members, OC Board and host NF Board members to allow them to discuss and exchange views (with drink and food). The format and timing should be agreed with FISA.</p> <p>Each World Rowing event (World Rowing Championships, European Championships, World Cups, Juniors and U23s): On the day before the last day of Finals the “Nations Dinner” should be held for approximately 250 – 400 persons. Each competing NF should receive two complimentary tickets to this Dinner, regardless of whether they have booked their accommodation through the OC or not. Additional tickets to the Dinner may be offered to the NFs for purchase. FISA Executive Committee, Council and Commission members should be invited. It is optional for the OC to invite FISA Staff and Contractors (such as Swiss Timing, commentators and sports presentation).</p> <p>It is recommended that the Nations Dinner for World Cups is a more casual event – as an example, an open-air barbeque would be appropriate.</p> <p>World Rowing Championships: Congress Lunch for FISA, National Federation Delegates and other participants – approximately 200 persons.</p>	
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		<p>OCs are encouraged to provide information about cultural or other national or local events happening at the time of the Championships in the closest town or areas and which might be of interest to visitors and promote the host country or city.</p> <p>It is essential that all social events and invitation lists are carefully planned and communicated to FISA, and an efficient distribution system is carried out.</p>	
D.3.1.1	<p>TRANSPORTATION AND PARKING SERVICES</p> <p>TEAMS</p> <p>GENERAL</p> <p>The quality of the travel and transport arrangements for the Teams is one of the key parameters for judging the success of any major FISA event.</p> <p>There should be an official Transport Office at the venue.</p> <p>The Transport Office should, ideally, be located near to the Teams' drop off area and bus parking area.</p> <p>The Transport Office should be manned from the opening time of the course until the closing time of the course each day.</p> <p>If the Transport Office is too far away from the boathouse area, the transportation service could be organised in the Information Centre in the boathouse area. It must be in direct communication with the Despatch office.</p>	<p>TRANSPORTATION AND PARKING SERVICES</p> <p>TEAMS</p> <p>GENERAL</p> <p>The quality of the travel and transport arrangements for the Teams is one of the key parameters for judging the success of any major FISA event.</p> <p>There should be an official Transport Office at the venue.</p> <p>The Transport Office should, ideally, be located near to, or as part of, the Team Information Centre.</p> <p>The Transport Office should be manned from the opening time of the course until the closing time of the course each day.</p> <p>If the Transport Office is too far away from the boathouse area, the transportation service could be organised in the Information Centre in the boathouse area. It must be in direct communication with the Despatch office.</p>	<p>Making clear that transport services for teams are not required at World Cups.</p>

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	<p>The Transport Office should be equipped with telephones, radios, timetables, lists of local car hire companies, etc.</p> <p>Rest facilities should be provided for the drivers.</p> <p>There shall be foreseen provision of transport for para athletes e.g. specialist/dedicated vehicles for non-transferable athletes.</p>	<p>The Transport Office should be equipped with telephones, radios, timetables, lists of local car hire companies, etc.</p> <p>Rest facilities should be provided for the drivers.</p> <p>For events where para racing is offered, there shall be foreseen provision of transport for para athletes e.g. specialist/dedicated vehicles for non-transferable athletes.</p> <p>For World Rowing Cup regattas, the provision of a transport service for teams is optional, and if provided should be at the team's own expense. If a transport service for teams is not provided a clear plan for parking and team bus drop offs should be formed and communicated. Even if no transport service is provided for teams at a World Rowing Cup, the transport services for FISA personnel is still required.</p> <p>For World Rowing Cup regattas where para racing is offered, availability of vehicles able to transport para athletes should be considered regardless of whether a transport service is offered to teams. For example, to ensure that there are suitable vehicles available for teams to hire.</p>	
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