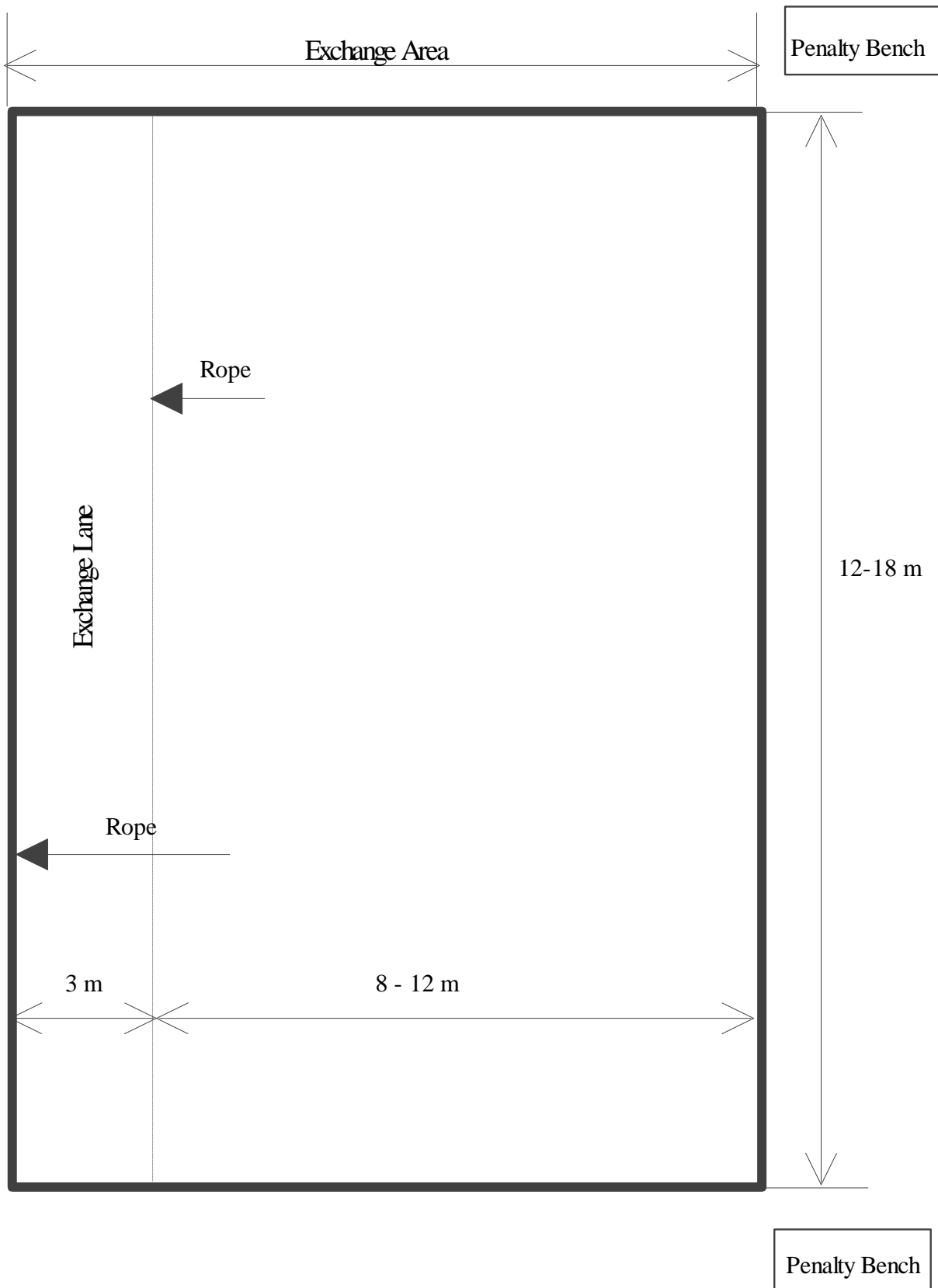
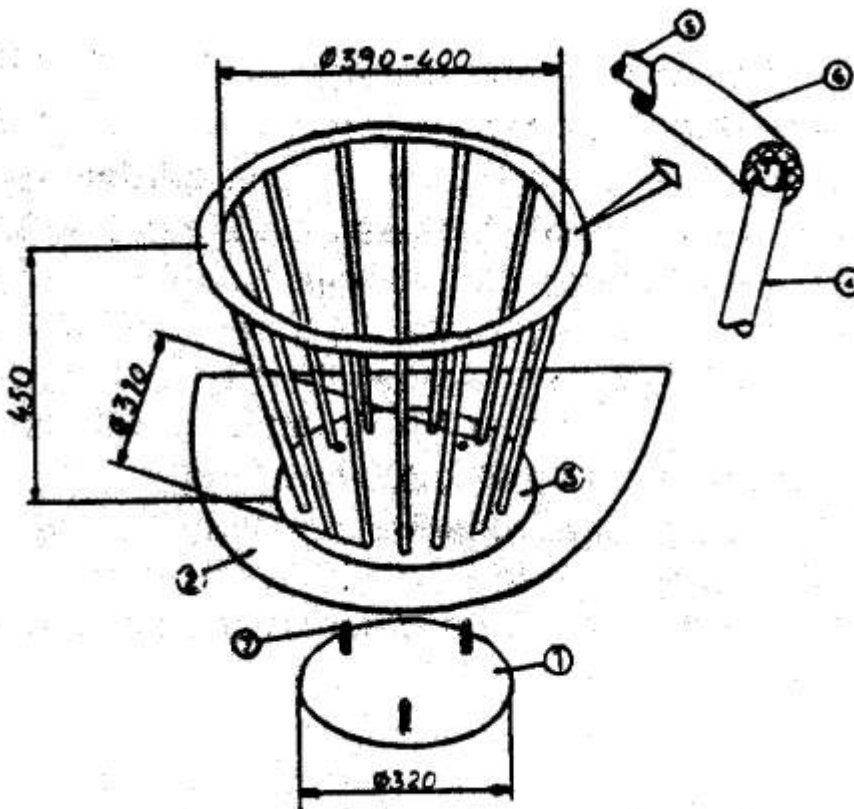


APPENDIX 1 : Playing area



APPENDIX 2 : GOAL

POSITION	AMOUNT	DESCRIPTION	MATERIAL
1	1	DISC, 320 X 1,5 MM.	STAINLESS ST.
2	1	DISC, R=700, T=5	RUBBER
3	1	DISC, 320 X 5 MM.	STAINLESS ST.
4	16	STEEL BAR 10X455	STAINLESS ST.
5	1	ROUND STEEL BAR 10X1350 MM.	STAINLESS ST.
6	1	SOFT PAD	NEOPRENE
7	3	STUD BOLT M10X25	STAINLESS ST.
8	3	NUT M10X25	STAINLESS ST.



ALTERNATIVE FIXING METHOD FOR BASKET IS TO HAVE A HOLE IN THE BOTTOM OF THE BASKET. THE BASKET IS THEN FIXED TO A PERMANENT THREAD IN THE POOL BOTTOM. THIS FIXING METHOD GUARANTEES THAT THE BASKET STAYS IN POSITION.

APPENDIX 3 : Filling instructions

Filling and Handling Instructions for Underwater Rugby Balls

Circumference: 520 -540 mm (for men), 500-520 for women
Negative buoyancy: 1000 - 1250 mm/s

Status: 1995

Equipment necessary to fill balls :

- 1 football pump - plastic if available -
- 1 basketball filler needle (2mm dia x app. 30 mm long)
alternative : Spraying pump e.g. garden spray -qualified to operate at 3 bar -. A brass tube 2mm dia x 30 mm long must be soldered into the spray-jet opening *. Such tubes can be bought in any supermarket for building materials. Or ask at any butcher shop to get their usual liquid-injection pump loaned and connect a hose adapter with the filling needle.
- 1 brass tube 2mm dia x 200mm long *
(* tubes to be rounded on one edge before use)
- 1800 gr kitchen salt.
- 1 container with app. 5 l water heated up to app. 50°C

Filling Procedure :

- o Completely dissolve the salt before filling it into the spraying pump. During filling operation ball must be put into cold water to maintain plastic shell elasticity.
- o Insert (soaped) filling needle carefully into ball valve. Press out all remaining air. Fill football pump with salt water and press into ball. Repeat process until circumference has reached 570 mm. This fatiguing procedure is not necessary when applying the „alternatives“. After 24 hrs insert one end luted 200mm tube -ball valve down-.Push through and allow remainder of air to escape. Also drain saltwater until circumference of 520-540 mm is reached.
"Gurgling" must not be heard any more!
A filled ball weighs app. 3000gr +/- 20gr.

Surface Treatment - to improve grip-

- o Rub the dry surface with emery paper 600 until no shine is visible when held against sun.
Carefully cut away all fringes.

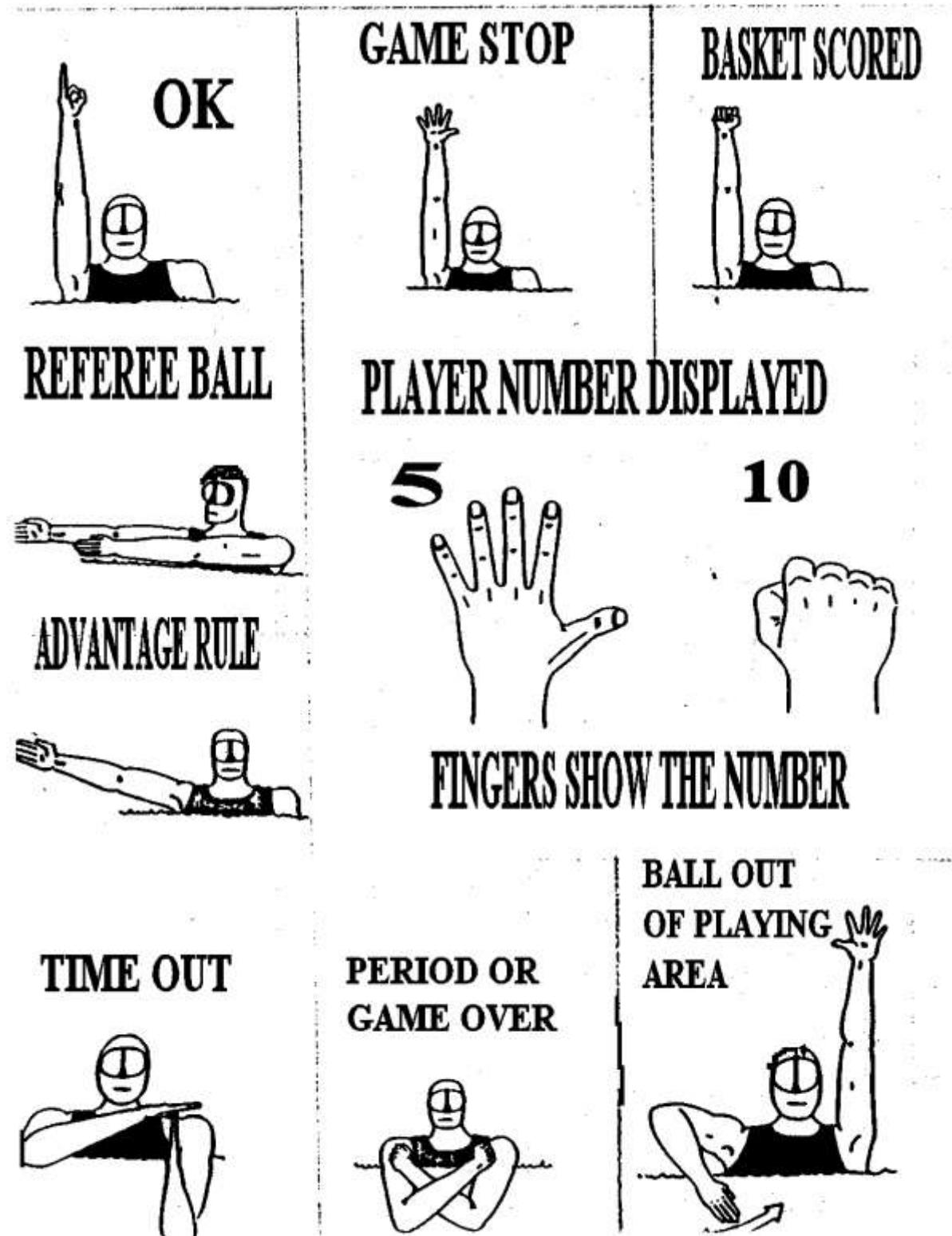
Attention : Use of more coarse grained emery paper renders the ball unserviceable !

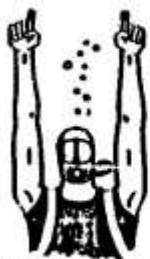
- o The pentagons faded due to rubbing can be restored by using EDDING 800 waterproof crayon. Ball will be ready for use after a drying time of 12 hrs. Repainting is not applicable to red balls.

Handling and Care:

To maintain its roundness the ball must be hanged up in a net! From time to time or before start of the seasonal competitions ball must be thoroughly cleaned -with soap or similar-. Repainting of pentagons also could be advisable after a longer period of use.

APPENDIX 4 : HAND SIGNALS OF THE REFEREES





**SURFACE REFEREE
STOPPED GAME**

**WATER REFEREE
STOPPED GAME**



FREE THROW



**PLAYER
GRABBING
BASKET**



**TWO MINUTE
PENALTY**

**STRANGLING
HOLD**



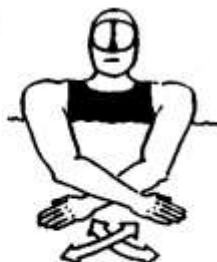
**PENALTY
THROW**



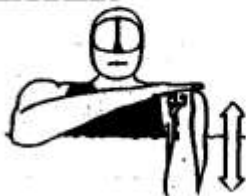
**GRABBING
PLAYERS
EQUIPMENT**



**BASKET NOT
ACCEPTED**



**PUSHING OR
PULLING
PLAYER**



**VIOLENT
PLAYING**



**HOLDING
PLAYER
WITHOUT
BALL**



APPENDIX 5 : Signals

Situation		A long, continuous sound	Repeated, short signals	Two long, continuous sounds	Visual
Audible					
Starting play		X			
Stopping play			X		
Goal scoring				X	A closed fist is raised.
Infringements of rules	Free Throw		X		A flat hand is raised and the Referee points towards the team which infringed the rule.
	Time Penalty		X		Points to the player receiving the penalty then to the penalty bench.
	Penalty Throw		X		The referee points towards the end of the playing area where the penalty throw shall be carried out.
Free Throw start		X			
Penalty Throw start		X			
Referee Ball start		X			
Continue playing					Repeated pointing of the arm in the direction of play to continue
Advantage rule					
End of Penalty	Ten seconds				One arm is raised
	Zero seconds				The arm is lowered (full time)
Incorrect exchange					A blue or white flag is raised

APPENDIX 6 : Procedure for Rules Changes

- A. Rule suggestions will be discussed at the general meeting of the commission every 2 years, during the Zone or world Championships (WC) . The rule suggestions will be written down at the meeting.
- B. Further rule suggestions can be sent to the rules director up to 7 month after the meeting. They must be in English.
- C. 11 month after the meeting all suggestions will be put together by the rules director and sent out to all federations who participated in the previous meeting. It is intended that each federation discusses all new rule suggestions, and possibly try them out in their national system.
- D. Not later than 19 month after the meeting, a written response from each federation shall be sent to the rules director so that suggestions for alteration in wording and/or meaning and/or comments concerning the proposed rule changes are recorded on paper. Only those changes sent out per paragraph C can be commented upon. No new rules can be suggested at this stage.
- E. Not later than 20 month after the meeting the final rule suggestions will be sent to the participating federations. A copy of each nations response will be attached. These rule suggestions will then be voted on at the coming Zone/WC, 24 months after the previous meeting. Only minor changes in wording can be accepted for discussion before voting on the rule changes. The original meaning must not be altered.
A simple majority is required for acceptance of new proposals. New rule suggestions will also be discussed at the meeting. They can be voted on at the next meeting 24 months later.
- F. The rules can be applied immediately after acceptance. The national federations must comply with the rules by July 1st the following year.

APPENDIX 7 : Rules change flow chart

