15.10   **APPENDIX 10 – Platform**

World Aquatics Degree of difficulty – Formula and components

Note: Degree of Difficulty (DD) is calculated by adding:

A + B + C + D + E = DD

A. Somersaults

	Somersault(s)										
Level	**0**	**½**	**1**	**1½**	**2**	**2½**	**3**	**3½**	**4**	**4½**	**5½**
5 m	0.9	1.1	1.2	1.6	2.0	2.4	2.7	3.0	-	-	-
7½ m	1.0	1.3	1.3	1.5	1.8	2.2	2.3	2.8	3.5	3.5	-
10 m	1.0	1.3	1.4	1.5	1.9	2.1	2.5	2.7	3.5	3.5	4.5

B. Flight Position For flying dives add fly position (E) to either (B) or (C) Position

	0 – 1 Somersault					1½ – 2 Somersaults					2½ Somersaults				
	Fwd	**Back**	**Rev**	**Inw**	**Arm**	**Fwd**	**Back**	**Rev**	**Inw**	**Arm**	**Fwd**	**Back**	**Rev**	**Inw**	**Arm**
C = Tuck	0.1	0.1	0.1	-0.3	0.1	0	0	0	0.1	0	0	0.1	0	0.2	0.1
B = Pike	0.2	0.2	0.2	-0.2	0.3	0.1	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.5	0
A = Str	0.3	0.3	0.3	0.1	0.4	0.4	0.5	0.6	0.8	0.5	0.6	0.7	0.6	-	-
D = Free	0.1	0.1	0.1	-0.1	0	0	-0.1	-0.1	0.2	0	0	-0.1	-0.2	0.4	0
E = Fly	0.2	0.1	0.1	0.4	-	0.2	0.2	0.2	0.5	-	0.3	0.3	0.3	0.7	-

	3 – 3½ Somersaults					4 – 4½ Somersaults					5½ Som
	Fwd	**Back**	**Rev**	**Inw**	**Arm**	**Fwd**	**Back**	**Rev**	**Inw**	**Arm**	**Fwd**
C = Tuck	0	0	0	0.3	0.2	0	0.1	0.3	0.4	0.3	0
B = Pike	0.3	0.3	0.3	0.6	0.4	0.4	0.4	0.6	0.7	0.5	-
A = Str	-	-	-	-	-	-	-	-	-	-	-
D = Free	0	0	0	-	-	-	-	-	-	-	-
E = Fly	0.4	-	-	-	-	-	-	-	-	-	-

Seven of the above components have negative values. Dashes indicate dives that currently are not possible.

C. Twists

Group	½ Twist ½ – 1 Som.	½ Twist 1½ – 2 Som.	½ Twist 2½ Som.	½ Twist 3 – 3½ Som.	1 Twist	1½ Twists ½ – 2 Som.	1½ Twists 2½ – 3½ Som.	2 Twists	2½ Twists ½ – 2 Som.	2½ Twists 2½ – 3½ Som.	3 Twists	3½ Twists ½ – 2 Som.	3½ Twists 2½ – 3½ Som.	4 Twists	4½ Twists ½ – 2 Som.	4½ Twists 2½ – 3½ Som.
Forward	0.4	0.4	0.4	0.4	0.6	0.8	0.8	1.0	1.2	1.2	1.5	1.6	1.6	1.9	2.0	2.0
Back	0.2	0.4	0	0	0.4	0.8	0.6	0.8	1.2	1.0	1.4	1.7	1.5	1.8	2.1	1.9
Reverse	0.2	0.4	0	0	0.4	0.8	0.6	0.8	1.2	1.0	1.4	1.7	1.5	1.8	2.1	1.9
Inward	0.2	0.4	0.2	0.4	0.4	0.8	0.8	0.8	1.2	1.2	1.5	1.6	1.6	1.9	2.0	2.0
Arm. Forw.	0.4	0.5	0.5	0.4	1.2	1.3	1.3	1.5	1.7	1.7	1.9	2.1	2.1	2.3	2.5	2.5
Arm. Back / Rev	0.4	0.5	0.5	0.5	1.2	1.3	1.3	1.3	1.7	1.7	1.9	2.1	2.1	2.3	2.5	2.5

Dives with ½ somersault and twists can only be executed in positions A, B, or C,

Dives with 1 or 1½ somersaults and twists can only be executed in position D,

Dives with 2 or more somersaults and twists can only be executed in positions B or C,

Armstand dives with 1, 1½, or 2 somersaults and one or more twists can only be executed in position D, and

Armstand dives with 2½ or more somersaults and twist can only be executed in positions B or C

D. Approach Forward-, Back-, Reverse-, Inward-, and Twisting Groups

Level	Forward ½ – 3½ Soms.	Forward 4 – 5½ Soms.	Back ½ – 3 Soms.	Back 3½ – 4½ Soms.	Reverse ½ – 2 Soms.	Reverse 2½ – 3 Soms.	Reverse 3½ – 4½ Soms.	Inward ½ – 1 Soms.	Inward 1½ – 4½ Soms.
5 m	0	0.5	0.2	0.5	0.3	0.4	0.6	0.6	0.5
7.5 m	0	0.3	0.2	0.3	0.3	0.4	0.4	0.3	0.3
10 m	0	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.2

E. Approach Armstand Group (Does not apply to armstand dives with twists).

Level	Armstand Forward With 0 - 2 Soms.	Armstand Forward with more than 2 Soms	Armstand Back with 0 - ½ Soms.	Armstand Back With 1 - 4 Soms.	Armstand Reverse With 0 - ½ Som.	Armstand Reverse With 1 – 4 Soms.	Armstand Inward with 0-2 Soms.	Armstand Inward with more than 2 Soms.
5m/7.5m/10m	0.2	0.4	0.2	0.4	0.3	0.5	0.3	0.5

F. Unnatural Entry (does not apply to twisting dives)

Group	½ Som.	1 Som.	1½ Som.	2 Som.	2½ Som.	3 Som.	3½ Som.	4 Som.	4½ Som.	5½ Som.
Forward / Inward	-	0.1	-	0.2	-	0.2	-	0.0	-	-
Back / Reverse	0.1	-	0.2	-	0.3	-	0.4	-	0.4	0.0
Armstand Back / Reverse	-	0.1	-	0.2	-	0.2	-	0.3	-	-
Armstand Forward/Inward	0.1	-	0.2	-	0.3	-	0.4	-	0.4	0.0

A value indicates the diver does not see the water before the entry. The component is the same at all levels.

(–) indicates the diver does see the water before the entry. The component is the same at all levels.

Examples

Dive	Pos	Height	A	B	C	D	E	DD
307	B	10	2.7	0.3	0.0	0.3	0.4	3.7
307	C	10	2.7	0.0	0.0	0.3	0.4	3.4
5371	B	10	2.7	0.3	0.0	0.3	0.0	3.3
5371	B	10	2.1	0.3	1.5	0.2	0.0	4.1

Dive	Pos	Height	A	B	C	D	E	DD
309	B	10	3.5	0.6	0.0	0.3	0.4	4.8
309	C	10	3.5	0.3	0.0	0.3	0.4	4.5
5371	C	10	27	0.0	0.0	0.3	0.0	3.0
6247	D	10	1.9	0.0	2.1	0.0	0.0	4.0