

v. 30.09.2022



ACRO A CODE ORDER :

Group/Subgroup - Construction - Direction - Position 1/Position 2 - Rotation - Bonus

1. In a code, first add the letter indicating the **group/subgroup**:

AJ	Group A (airborne) – Subgroup Jump
AW	Group A (airborne) – Subgroup Throw

2. The second part of the code is for Construction:

	2	3	4	5
Throw from surface	Simple throw	Simple throw (6-9 base swimmers)	Jump from shoulders (stack type)	Jump from shoulders (small type)
Surf	Thr	Thr	Shou	Sho
0.5	0.9	0.9	1.25	1.0
6		8	9	10
Jump from hands	Jump from feet (stack type/6-9 base)	Jump from square ("basket")	Jump from 2 formations	Jump from two supports + "spotter"
Hand	Feet	Sq	2Form	2Sup'
1.35	1.35	1.35	1.3	1.3
	12	13		
"triple" throw	Jump from 3 pairs	Stack + spotter	Throw from surface (small)	Jump from feet (stack type/small)
Tripl	3Pair	Sť'	surf	feet
1.35	1.0	1.3	0.5	1.1

3. The next part of a Group A code is the **Direction** of the airborne action:

		No.			
Upwards	Forwards (no som/tw - just twist 180° or som 0,5, handspring or cartwheel)	Backwards	Forwards (with 1+ somersault or 1+ twist or both)	Sideways	Reverse
Up	Forw	Back	FORW	Side	Rev
0.05	0.05	0.1	0.15	0.2	0.2

4. The next part of the Group A code indicates the **Positions** demonstrated:

		2	×	3	7	4	5		
	ck		ick	Pa			inja		Pike
If pos1	If pos 2	If pos1	If pos 2	If pos1	If pos 2	If pos1	If pos 2	If pos1	If pos 2
ki	2ki	tk	2tk	ра	2pa	nj	2nj	pk	2pk
0.05	0.05	0.1	0.1	0.15	0.15	0.15	0.1	0.2	0.2
	<u>*</u>	7		8		9	<u> </u>	10	33
Ma	ntis	Li	ne	Sr	olit	A	rch		Kite
I IIIG.									
If pos1	If pos 2	lf pos1	If pos 2	If pos1	If pos 2	lf pos1	lf pos 2	If pos1	lf pos 2
		lf pos1 In / Inរ	lf pos 2 2ln / 2lni	If pos1 sp					lf pos 2 2kt
lf pos1	If pos 2	/f pos1 In / Inե 0.1	If pos 2	lf pos1	lf pos 2	lf pos1	lf pos 2	If pos1	
lf pos1 mn	If pos 2 2mn	lf pos1 In / Inរ	lf pos 2 2ln / 2lni	If pos1 sp	lf pos 2 2sp	lf pos1 ar	lf pos 2 2ar	lf pos1 kt	2kt
<i>If pos1</i> mn 0.05 11	If pos 2 2mn	If pos1 In / Inδ 0.1 12 2 3 4	lf pos 2 2ln / 2lni	If pos1 sp 0.3 13	lf pos 2 2sp	lf pos1 ar	lf pos 2 2ar	lf pos1 kt	2kt
<i>If pos1</i> mn 0.05 11	If pos 2 2mn 0.05	If pos1 In / Inδ 0.1 12 2 3 4	If pos 2 2In / 2Ins 0.1 2In / 2Ins 0	If pos1 sp 0.3 13	If pos 2 2sp 0.15 0.15 15 15 15 15 15 15 15 15 15	lf pos1 ar	lf pos 2 2ar	lf pos1 kt	2kt
If pos1 mn 0.05 11 Ma	If pos 2 2mn 0.05	If pos1 In / Inδ 0.1 12 2 3 3 3 4 3 3 3 3 3 3 3 3 3	If pos 2 2In / 2Ins 0.1	If pos1 sp 0.3 13 X Ri	If pos 2 2sp 0.15	lf pos1 ar	lf pos 2 2ar	lf pos1 kt	2kt

- 5. Area of support N/A for Group A (value already inside construction)
- 6. Rotation of the construction base N/A for Group A (not yet)
- 7. The next code in a Group A acrobatic (after the Position) is indicating if there is a **Rotation**:
 - The number of twists is calculated until the chest (lower ribs) level of the featured-swimmer (visible/clear border for detecting rotations). See catalogue p.18.
 - To get value for a "full somersault" featured-swimmer, who jumps head-first needs to enter the water feet-first. For "Open" or variations of arch positions the featured swimmer enters the water demonstrating vertical alignment between shoulders and knees. See catalogue p.19.

		GROUP A		
	Plane of rotation	Degree of Rotation	Code	Value
1	Horizontal plane (twist)	180°	T0,5	0.1
	For "head-up" positions	360°	T1	0.15
		540°	T1,5	0.2
		720°	T2	0.25
2	Horizontal plane (twist)	180°	t0,5	0.1
	When twist executed in the same time with	360°	t1	0.2
	somersault and other "not head-up" twists	540°	t1,5	0.3
	(example: horizontal twist aka sausage)	720°	t2	0.4
3	Sagittal plane	180°	s0,5	0.05
	(Example: forward somersault)	180º (for "small" jumps)	S0,5	0.2
		360°	s1	0.3
		540°	s1,5	0.5
		720°	s2	0.6
		900°	s2,5	0.8

		1080°	s3	1.4
		Handspring	h	0.1
4	Frontal plane	360°	f1	0.4
	(Example: Side somersault)	540°	f1,5	0.6
		720°	f2	0.7
		Cartwheel or handspring	c or h	0.1
5	Dive	Not 180° somersault!	d	0.025
	(depends from parabola)	Dive + 180° twist	dt0,5	0.125
		Dive + 360° twist	dt1,0	0.175
		Dive + 540° twist	dt1,5	0.225
6	Two Axis Airborne Rotations	Half somersault + half twist	S0,5t0,5	0.3
		(small jumps only!) 1 somersault + 0,5 twist	s1t0,5	0.4
		1 somersault + 1 twist	s1t1	0.5
		1 somersault + 1,5 twist	s1t1,5	0.6
		1 somersault + 2 twist	s1t2	0.7
		1 somersault + 2,5 twist	s1t2,5	0.8
		1.5 somersault + 0,5 twist	s1.5t0,5	0.6
		1.5 somersault + 1,0 twist	s1.5t1	0.7
		2 somersault + 0,5 twist	s2t0,5	0.9
		2 somersault + 1 twist	s2t1	1.0

8. The final code for a Group A code is indicating if there is a **Bonus**: *(For example images of bonuses please refer to page 20-21 in the acro catalogue)*

	GROUP A		
	Bonus	Code	Value
1	Synchronized actions for double acrobatic movements	u1	0.2
2	"opening" to straight body position after 1,5 (inside 2 somersaults)	u2	0.5
3	During 1,5 somersault opening in a straight body position (1 somersault and +0,5 rotation with opening to a straight body position)	u3	0.4
4	Straight body somersault	u4	0.2
5	Straight body position during twist + somersault jump (start from 1 somersault+1,5 twist and more)	u5	0.4
6	"Grip" (hand connection) between featured-swimmer and support	u6	0.025
7	"Return" on a construction after the airborne phase	u7	0.3
8	Connection between 2 featured-swimmers (from beginning to the end)	u8	0.1
9	Connection between support and featured swimmer (may be "broken" before water entrance)	u9	0.025
10	Connection between 2 featured swimmers during airborne phase (they connect after take-off)	u10	0.15
11	Third position (example: in the end of acrobatic movement closing legs to vertical (group B) or tucking (group A)	u11	0.05
12	Jump from feet (feet/feet connect between support and featured-swimmer)	u12	0.1
13	Twist head-down 360	u13	0.2
14	Jump from split (head-up) position	u14	0.2
15	"Return" on a support's hands after the airborne phase	u15	0.1
16	"twirl" of a featured-swimmer with hand connection with support-swimmer	u16	0.05

HOW TO CODE GROUP B (LIFT/STACK)

ACRO B CODE ORDER :

Group/Subgroup - Construction - Type of Connection - Pos 1 / Pos 2 - Rotation of Base - Bonus

1. In a code, first add the letter indicating the **group/subgroup**. For Group B there are two options:

BS	Group B, subgroup Stack
BL	Group B, subgroup Lift

2. The second part of the code is for **Construction**:

1	2	3	4	5	6
Stack (classic)	Stack "small"	Stack head-down	Stack head-down "small"	Stack head-down + 1 or 2 «spotters»	Stack head-down in a tuck position
St	st	StH	stH	StH' or StH"	StHt
1.05	0.7	1.35	0.9	1.15	1.15
	8		9	10	
Stack +help (spotter)		in pike OR crane 2 spotters	Stack+2 spotters	Stack 2 supports	Stack 2 head- down supports
St'	St"Hp	St"Hc	St"	2Sup	2SupH
0.95	1	.2	0.85	1.2	1.6
	13	14	15	16	17
Stack 2 supports (one of them head- down)	Stack 2 head-down supports+2 featured-swimmers	Simple Lift	Lift (classic)	Stack type + 3 or 4 «spotters» on surface	Lift on heads
2mSup	2SupH(2	L	7	StH" or St""	Lh
₁₈ 1.4	1.7	0.7	0.6	1.05	0.7
	19 ration to the second	20	21	22	
Moving base lift (base swimmers move backward and then return)	Moving base lift (base swimmers pass through each- other (under featured-swimmer)	Lift two f.swimmers	Lift two f.swimmers on heads	Lift+2 spotters	Parallel moving base lift
LM	LMu	L(2)	Lh(2)	L"	LMp
1.1	1.4	0.7	0.9	0.8	0.8

24	25	26	27	28	29
Lift from surface	Lift + crash	2 supports Stack + crash in the end	Lift on 2 heads+spotter	Stack + crash	"Trinity"
LSurf	L»	2Sup»	Lh ^{2*}	St»	Trin
0.4	0.3	1.1	0.7	0.95	1.25
30 Stack head-down split +spotters St''Hs 1.2					

3. There is no Direction in Group B.

4. The next part of a Group B code is - Area of Support/Type of Connection:

1	Å	2	3	4	5
Р	alms / palms XS	Palms / palms	Feet (featured-swimmer) on palms (support) XS	Feet (featured-swimmer) on palms (support)	Feet (featured-swimmer) on feet (support)
	PPx	PP	FPx	FP	FF
	1.1	1.0	1.05	0.95	0.7
6		7	8	9	10
	Palms (featured- wimmer) on feet (support)	Lower back (touch/not sit) on shoulder blades (blind connection)	"Backpack" grip Shoulder blades (f.swimmer)/ Shoulder blades (support)	Shoulders (featured- swimmer) on feet	"Eiffel" grip: Palms on shoulders/ palms on shoulders
	PF	SiSb	Вр	ShF	E
	0.45	0.5	0.3	0.3	0.45
11	T	12		14	15
Òr feet si	"Icarus" - Feet mer)/feet bent (support) /feet+2 «spotter»s on the de holding featured- swimmer's hands	Palm (featured-swimmer) on head (support) + palm / palm	Lift on 4 heads of base- featured-swimmers	"Window" grip: All f.swimmer's body (connection by shoulders) on a shoulder + extra help	"Pyramid" grip: Head on head + palm / palm + leg hold by featured- swimmers palm
	I	PH/	Li4H	W	Ру
	0.5	0.8	0.3	0.4	0.4
16		17	18	19	20
	eatured-swimmer's on palms (lay or sit)	Shoulders (featured- swimmer) on feet + "spotters"	Sultan: Back/back + featured-swimmer holds support, and support holds featured-swimmer	"Table" grip: Construction 2 support athletes head- down, featured-swimmer lay on their feet	Sit or Lay on shoulders
	AP	ShF*	Su	Та	SiS
	0.45	0.1	0.1	0.15	0.1

		00 /	24	25
21	22	23	24	
Feet (featured-swimmer) on shoulders (support) while stack is lifted up and switch on 1 foot for main phase	Feet (featured-swimmer) on shoulders (support)	Foot on a shoulder + connection with support athlete	"Lemur" grip: Construction 2 support athletes head-up, f.swimmer lay on their hands or in a head-down position (or f.swimmer hold the shoulders of one of the supports)	Simple lift (base athletes hold featured-swimmer) Or "Full body" Lift on hands
F1S	FS	F1S/	Le	Li
0.1	0.05	0.2	0.1	0.1
26 "Chemploon" stip:	27	28	29	30
"Chameleon" grip: Construction 2 supports, one of them h-down; f.swimmer connects to them by stomack, hands and legs (3points	Twins (Featured- swimmer holds the stomach of support and support holds the pelvis of featured-swimmer)	Twins+ spotters (Featured-swimmer holds the shoulders of the spotter and support holds the pelvis of featured-swimmer)	All featured- swimmer's body (Lays) on feet (legs of support spread)	All body on feet + 4 spotters
Ch	Tw	Tw*	AV	AF*
0.2	0.1	0.1	0.1	0.1
31	32	33		35
Split on split	Sit on Feet (Buttocks or Stomach)	Back/Back + blind capture	Lift + spotter pair	Cowboy sit on (spread legs) feet
Split on split SpSp			Lift + spotter pair Li*	
	Stomach)	capture		(spread legs) feet
SpSp	Stomach) SiF	capture BBb 0.25 38	Li*	(spread legs) feet
SpSp 0.1	Stomach) SiF 0.15	capture BBb 0.25	Li*	(spread legs) feet SiV 0.2
SpSp 0.1 36 All featured-swimmer's body on palms (sit)+ f.swimmer has additional	Stomach) SiF 0.15 37 Palms on 2	capture BBb 0.25 38 Construction 2 support athletes head-up, f.swimmer stay 1 leg on a head of first support and 2 nd leg on palms	Li* 0.1 39 Feet on Feet+ additional	(spread legs) feet SiV 0.2 40 All body on leg+ connect
SpSp 0.1 36 All featured-swimmer's body on palms (sit)+ f.swimmer has additional support on head	Stomach) SiF 0.15 37 Palms on 2 heads+spotter	capture BBb 0.25 38 Construction 2 support athletes head-up, f.swimmer stay 1 leg on a head of first support and 2 nd leg on palms (near head)	Li* 0.1 39 Feet on Feet+ additional help on the sides	(spread legs) feet SiV 0.2 40 All body on leg+ connect with leg
SpSp 0.1 36 All featured-swimmer's body on palms (sit)+ f.swimmer has additional support on head AP/ 0.35 41	Stomach) SiF 0.15 37 Palms on 2 heads+spotter PH* 0.3 42	capture BBb 0.25 38 Construction 2 support athletes head-up, f.swimmer stay 1 leg on a head of first support and 2 nd leg on palms (near head) FHP/ 0.55 43	Li* 0.1 39 Feet on Feet+ additional help on the sides FF*	(spread legs) feet SiV 0.2 40 All body on leg+ connect with leg AL/
SpSp 0.1 36 All featured-swimmer's body on palms (sit)+ f.swimmer has additional support on head AP/ 0.35 41 Foot on palms + additional support	Stomach) SiF 0.15 37 Palms on 2 heads+spotter PH* 0.3	capture BBb 0.25 38 Construction 2 support athletes head-up, f.swimmer stay 1 leg on a head of first support and 2 nd leg on palms (near head) FHP/ 0.55	Li* 0.1 39 Feet on Feet+ additional help on the sides FF*	(spread legs) feet SiV 0.2 40 All body on leg+ connect with leg AL/
SpSp 0.1 36 All featured-swimmer's body on palms (sit)+ f.swimmer has additional support on head AP/ 0.35 41 Foot on palms +	Stomach) SiF 0.15 37 Palms on 2 heads+spotter PH* 0.3 42 Sit or lay on	capture BBb 0.25 38 Construction 2 support athletes head-up, f.swimmer stay 1 leg on a head of first support and 2 nd leg on palms (near head) FHP/ 0.55 43 all body on palms + extra	Li* 0.1 39 Feet on Feet+ additional help on the sides FF*	(spread legs) feet SiV 0.2 40 All body on leg+ connect with leg AL/

- Ladv Heron Crane Kitri Vertical Split If pos1 If pos 2 2ld 2he 2vs ld he cr 2cr kr 2kr vs 0.1 0.05 0.15 0.05 0.2 0.1 0.25 0.2 0.45 0.3 10 6 7 8 9 Glass Eagle Sail Swan Ballerina If pos1 If pos 2 If pos1 lf pos1 If pos 2 If pos 2 If pos1 If pos 2 If pos1 If pos 2 sw 2sw gl 2gl ba 2ba ea 2ea sa 2sa 0.4 0.3 0.5 0.4 0.25 0.1 0.35 0.25 0.45 0.3 12 13 11 14 15 AA Ы IDA Su S Needle Sit Eve Line Dove If pos1 If pos 2 2ne 2do 2si ne 2ey In 2ln do ey si 0.55 0.45 0.65 0.4 0.1 0.1 0.15 0.1 0.05 0.05 17 18 19 20 16 144 6 45 X 1 Shrimp Split Monkey Peacock Crocodile If pos 2 If pos 2 If pos1 lf pos1 lf pos1 If pos 2 If pos1 If pos 2 If pos1 If pos 2 mo 2mo sh 2sh spl 2spl 2pe cd 2cd ре 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.3 0.1 25 22 23 24 21 M TUN Scissors Pirate Cobra Mermaid Sunbathe If pos1 If pos1 If pos 2 If pos1 If pos 2 If pos1 If pos 2 If pos 2 If pos1 If pos 2 2sb 2sc 2pt 2co mr 2mr sb SC pt со 0.15 0.05 0.15 0.05 0.15 0.25 0.05 0.2 0.05 0.1 30 27 28 26 29 JALL LA Birch Flamingo Turtle Scorpio Seastar lf pos1 If pos 2 If pos1 If pos 2 lf pos1 If pos 2 If pos1 If pos 2 If pos1 If pos 2 bi 2bi fl 2fl 2so 2tu 2se so tu se 0.25 0.25 0.1 0.1 0.3 0.05 0.3 0.1 0.35 0.1
- 5. The next part of a Group B Acrobatic code (Area of Support/Type of Connection) is **Position**:

3

4

5

2

1

31		32		33		34 🥌		35	
Pi		Ro			post		х	Bam	
lf pos1	If pos 2								
pi	2pi	ro	2ro	lp	2lp	bo	2bo	bb	2bb
0.6	0.45	0.2	0.05	0.25	0.15	0.3	0.1	0.3	0.1
36		37	-1	38 -		39	X	40	
lgua	ana	Kni	ght	Will	low		uga		wer
If pos1	If pos 2	If pos1	lf pos 2	If pos1	If pos 2	If pos1	If pos 2	lf pos1	If pos 2
ig	2ig	kn	2kn	wi	2wi	be	2be	to	2to
0.35	0.2	0.35	0.15	0.4	0.15	0.4	0.2	0.45	0.15
41	7	42		43		44			
0\	wl	Brid	lge	Dr		Qu	een		
If pos1	lf pos 2	lf pos1	lf pos 2	lf pos1	If pos 2	lf pos1	lf pos 2		
ow	2ow	br	2br	dr	2dr	qu	2qu		
0.45	0.2	0.45	0.2	0.6	0.3	1.0	0.5		

6. The next part of the code is Rotation of the Construction Base:

The number of rotations of the construction base calculates each 180° until the featured-swimmer's "waist" level (for both head-up or head-down positions). It must be a "visible" rotation. Not just a turn of the body of the featured-swimmer. See catalogue p.38.

	GROU	PB				
	Туре	90 °	180°	360°	540°	720 °
1	Value for Stack (only support swimmer with	-	r0,5	r1	r1,5	r2
I	featured-swimmer on top rotates around self)		0.2	0.3	0.4	0.5
2	Value for Stack (featured swimmer stands on	-	R0,5	R1	R1,5	-
2	1 leg and other one is 135 or 180 degrees)		0.25	0.35	0.45	
3	Value for Stack (featured swimmer stands by	-	r0,5*	r1*	r1.5*	r2*
3	both feet on supports shoulders) in code add *		0.05	0.1	0.15	0.2
4	Value for Stack (if featured-swimmer is in a handstand position; or support position is head-	-	r0,5!	r1!	r1,5!	-
4	down; or both are head-down (shoulders on feet connect)		0.3	0.5	0.7	
_	Value for Lift (big water resistance for base athletes	r/L	r0,5L	r1L	-	-
5	while all construction rotates including base swimmers)	0.3	0.4	0.5		

7. Plane and Degree of Rotation – N/A for Group B.

8. The last part of a code for a Group B acrobatic is indicating if there is a **Bonus**:

	GROUP B		
	Bonus	Code	Value
1	Synchronized actions for double acrobatic movements	w1	0.2
2	Rotation 180° or 360° on feet without leaving support	w2	0.3
3	In 2Support construction, twirl one of the supports	w3	0.1
4	Stand-up (lifting torso) from head-down position	w4	0.2
5	Connection between 2 featured-swimmers	w5	0.1
6	Blind grip for Lifts	w6	0.2
7	Third position (example: in the end of acrobatic movement closing legs to vertical)	w7	0.05
8	Long holding lift (3 seconds and more) =doesn't apply for rotation of the construction or "moving base lifts"	w8	0.2
9	"Twirl" of featured-swimmer in group B	w9	0.05
10	"Wave" movements	w10	0.1
11	Featured-swimmer rotates on feet or palms of support 180°	w11	0.1
12	Featured-swimmer rotates on feet or palms of support 360°	w12	0.2
13	Travelling construction (at least 1 meter)	w13	0.1
14	"Moonwalk": Lift-up from split - legs sliding and changing place and opening back to the split on surface	w14	0.2
15	"Ungrip"	w15	0.05

HOW TO CODE GROUP C (COMBINED)

ACRO C CODE ORDER :

Group/Subgroup - Construction - Direction - Position 1/Position 2 - Rotn of Base - Rotation - Bonus

1. In a code, first add the letter indicating the **group/subgroup**. For Group C there are three options:

CO	Group C, subgroup Other
СТ	Group C, subgroup Through Support
CC	Group C, subgroup Onto Support

2. The second part of the code is for **Construction**:

1	2	3 ATRA	4	5	6
On to support: Stack from simple throw Transit,not jump!	Jump through support from «spotter» (Stack type+«spotter») Transit, not jump	Jump through support's shoulders from «spotter» (Stack type+«spotter») <u>or</u> Jump on support's shoulders from spotter and remain until submergence	Onto support from «spotter» (Stack type+«spotter») Transit, not jump	Onto support from «spotter» (Stack type+«spotter») 3 points grip <u>Transit, not jump</u>	jump through head- down support
Thr~St	'~St>	<pre>'>StSh> or '>Stsh</pre>	'∼St	'∼St*	'>StH>
1.7	1.65	1.55	1.75	1.55	1.75
	8			11	12
Through: 2 pair +featured-swimmer	Through: 2 pair+ featured-swimmer	Through: Platform from 2+ «spotter»/thrower	Through: Platform+ «spotter» /thrower	Through: run on 3 backs (Platform from 3 swimmers+ «spotters» /throwers	Through: Roll on a float-platform and jump from it
'>'H>	'>'>	Thr>PP>	'>P>	Thr>Pb₃>	Roll>P>
1.4	1.1	1.35	1.25	1.6	0.7
13	14	15	16	17	18
2 miles	A State	the state	- Port	3 sto	ALL.
Onto: jump from dynamic stack on "balance" stack and remain on palms	Onto: jump from spotter pair on "balance" stack and remain on shoulders	On support: Jump on Stack head-down from simple throw (Don't forget bonus!)	C: lift + «spotter» (fly above formation)	Through: simple throw, featured- swimmer fly above lift	Through: Stack- type+ head-down «spotter» pair
dynamic stack on "balance" stack and	spotter pair on "balance" stack and	Stack head-down from simple throw		throw, featured- swimmer fly above	type+ head-down
dynamic stack on "balance" stack and remain on palms	spotter pair on "balance" stack and remain on shoulders	Stack head-down from simple throw (Don't forget bonus!)	above formation)	throw, featured- swimmer fly above lift	type+ head-down «spotter» pair
dynamic stack on "balance" stack and remain on palms St>Stp	spotter pair on "balance" stack and remain on shoulders '>Stsh	Stack head-down from simple throw (Don't forget bonus!) Thr>StH	above formation)	throw, featured- swimmer fly above lift Thr ∼L	type+ head-down «spotter» pair St>'H>
dynamic stack on "balance" stack and remain on palms St>Stp 1.85 19 Through: Two stack-type+ mini- stack	spotter pair on "balance" stack and remain on shoulders '>Stsh 1.65 20 20 0nto support: throw on a platform	Stack head-down from simple throw (Don't forget bonus!) Thr>StH 2.0 21 21 21 0ther: simple lift + «spotter»	above formation) '~L 1.45 22 Through formation from hands + «spotter»	throw, featured- swimmer fly above lift Thr ~L 1.3 23 23 Through base swimmers from simple throw	type+ head-down «spotter» pair St>'H> 1.75 24 Other: Stack+throw (2 f.swimmers in connection with each-other)
dynamic stack on "balance" stack and remain on palms St>Stp 1.85 19 Through: Two stack-type+ mini- stack '>StSt>	spotter pair on "balance" stack and remain on shoulders '>Stsh 1.65 20 0 1.65 20 0 1.55 20 0 1.55 20 20 20 20 20 20 20 20 20 20 20 20 20	Stack head-down from simple throw (Don't forget bonus!) Thr>StH 2.0 21 21 21 0ther: simple lift + «spotter» L'	above formation) '~L 1.45 22 Through formation from hands + «spotter» Thr >hand>	throw, featured- swimmer fly above lift Thr ~L 1.3 23 23 Through base swimmers from simple throw Thr >base>	type+ head-down «spotter» pair St>'H> 1.75 24 Other: Stack+throw (2 f.swimmers in connection with each-other) St+Thr(2)
dynamic stack on "balance" stack and remain on palms St>Stp 1.85 19 Through: Two stack-type+ mini- stack	spotter pair on "balance" stack and remain on shoulders '>Stsh 1.65 20 20 0nto support: throw on a platform	Stack head-down from simple throw (Don't forget bonus!) Thr>StH 2.0 21 21 21 0ther: simple lift + «spotter»	above formation) '~L 1.45 22 Through formation from hands + «spotter»	throw, featured- swimmer fly above lift Thr ~L 1.3 23 23 Through base swimmers from simple throw	type+ head-down «spotter» pair St>'H> 1.75 24 Other: Stack+throw (2 f.swimmers in connection with each-other)

Version 30.09.2022

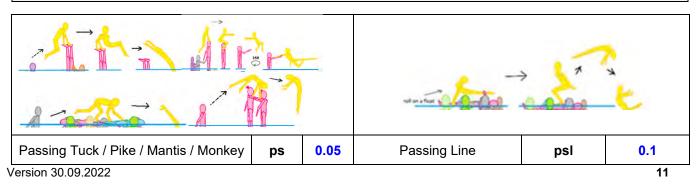
25	26	27	28	29	30
Other: Snake-stack type	Other: Snake-stack head-down	Through: Jump from stack with connection with 2 stack and broke it later	Other: Stack + 2 spotters	Onto: "Monkey" jump from spotter pair on "balance" stack and remain on shoulders	Through: Stack from simple throw <u>Transit,not jump!</u>
Sn	SnH	St>St>	St"	ʻ>Stm	Thr~St>
0.95	1.35	1.6	1.45	1.55	1.5
31	32	33	34	35	36
Through: featured- swimmer passes through surface hand-grip of base swimmers	Through lift from «spotter»	"Toss" (from surface through hands)	Through 3 heads from mini-stack	Through formation from hands+«spotters»+2 featured-swimmers	Through: run on 2 backs (Platform from 2 swimmers+ «spotters» /throwers
>HandSurf>	'>L>	Toss>hand>	Thr>3head>	(2)Thr >hand>	Thr>Pb²>
0.5	1.45	0.5	1.2	0.8	1.6
37	38				
Onto: Jump from spotter on Stack, palms	Fall from one formation on the "hand-formation"				
ʻ>Stp	L>hand				
1.75	1.0	J			

3. The next part of a Group C code is the **Direction** of the combined action:

	GROUP C				
	Direction	Code	Value		
1	Forwards (no somersault, no twist)	Forw	0.05		
2	Backwards	Back	0.1		
3	Forwards (with somersault/twist)	FORW	0.15		
4	Sideways	Side	0.2		
5	Upwards	Up	0.05		
6	Reverse	Rev	0.2		

4. The next part of the code indicates the **Positions** demonstrated:

Please use the Position Charts from GROUP A and GROUP B and consider the special positions for Group C below:



5. Area of support – N/A for Group C (value already inside construction)

6. The next part of the code is for Rotation of the Construction Base:

The number of rotations of the construction base calculates each 180° until the featured-swimmer's "waist" level (for both head-up or head-down positions). It must be a "visible" rotation. Not just a turn of the body of the featured-swimmer. See catalogue p.38.

	GROUP C				
	Туре	180°	360 °	540°	
1	Value for Stack (only support swimmer with feature-swimmer on top rotates	r0,5	r1	r1,5	
	around self)	0.2	0.3	0.4	
2	Value for Stack (if featured-swimmer is in a handstand position; or support	r0,5!	r1!	r1,5!	
2	position is head-down; or both are head-down (shoulders on feet connect)	0.3	0.5	0.7	

- 7. The next part of the code is for **Plane and Degree of Rotation**:
 - The number of twists is calculated until the chest (lower ribs) level of the featured-swimmer (visible/clear border for detecting rotations). See catalogue p.18.
 - To get value for a "full somersault" featured-swimmer, who jumps head-first needs to enter the water feet-first. For "Open" or variations of arch positions the featured swimmer enters the water demonstrating vertical alignment between shoulders and knees. See catalogue p.19.

		GROUP C		
	Plane of rotation	Degree of Rotation	Code	Value
1	Horizontal plane (twist)	180°	T0.5	0.1
	For "head-up" positions	360°	T1	0.15
		540°	T1.5	0.2
		720°	T2	0.25
2	Horizontal plane (twist)	180°	t0.5	0.1
	When twist executed in the same time	360°	t1	0.2
	with somersault	540°	t1.5	0.3
		720°	t2	0.4
3	Sagittal plane	180°	s0.5	0.05
	(Example: forward somersault)	360°	s1	0.3
		540°	s1.5	0.5
		720°	s2	0.6
4	Frontal plane	360°	f1	0.4
	(Example: Side somersault)	540°	f1.5	0.6
		720°	f2	0.7
5	Dive	Not 180° somersault!	d	0.025
	(depends from parabola)	Dive+180 twist	dt0.5	0.125
		Dive+360 twist	dt1.0	0.175
		Dive+540 twist	dt1.5	0.225
6	Two Axis Airborne Rotations	1 somersault + 0.5 twist	s1t0,5	0.4
		1 somersault + 1 twist	s1t1	0.5
		1 somersault + 1.5 twist	s1t1,5	0.6
		1 somersault + 2 twist	s1t2	0.7
		1.5 somersault + 0.5 twist	s1.5t0,5	0.6
		1.5 somersault + 1.0 twist	s1.5t1	0.7
		2 somersault + 0.5 twist	s2t0,5	0.9
		2 somersault + 1 twist	s2t1	1.0

7	Handspring	REALTY	h	0.1
8	Cartwheel	KXXX	С	0.1

8. The last part of a code for a Group C is indicating if there is a **Bonus**:

	GROUP C		
	Bonus	Code	Value
1	Jump on the Stack and remain on it until submergence	у1	0.3
2	Running on the (3) backs	y2	0.3
3	Running on the (2) backs	у3	0.2
4	Running on the (1) back (should lay not sideways to featured-swimmer)	у4	0.1
5	Fly above formation	у5	0.3
6	Blind grip in group C	у6	0.2
7	Synchronized actions for double acrobatic movements	у7	0.2
8	"Rolling" on a construction	у8	0.1
9	Connection between 2 featured-swimmers;	у9	0.1
10	Third position (example: in the end of acrobatic movement tucking (group A)	y10	0.05
11	F.swimmer "Slips through" after jump between support's legs	y11	0.1
12	Blind jump	y12	0.05
13	Hulahoop" action (f.swimmer in ring position enters water with support swimmer inside the circle (which is made from legs/hands connection of f.swimmer)	y13	0.3
14	"Twirl of a featured swimmer"	y14	0.05
15	"Beyonce fall" (from lift blind fall backwards on the other formation made from hands)	y15	0.1

ACRO P CODE ORDER :

Grou/Subgroup - Construction - Type of Connection - Pos 1 / Pos 2 - Rotation of Base - Bonus

1. In a code, first add the letter indicating the **group/subgroup**. For Group P there are two options:

PP	Group P, subgroup Standard
PF	Group P, subgroup Float

2. The second part of the code is for **Construction**:

1 Platform (Support straight body)	2 Platform "small" (Support straight body)	3 Platform (Support straight body)+bent knees Knees	4 Platform (Support ballet leg) B	5 Platform (Support double ballet leg) DB	6 Platform (Support on stomach in arch position)
1.1	р 0.85	1.15	в 1.3	1.4	a 1.15
	8	9			12
Platform (Support on stomach with bent knees) "Chariot"	"Area" ("box")	Platform from 2 supports (1 ballet leg)	Platform from 2 supports (2 ballet legs)	Float from 2 parallel supports	Float "triangle" (3 swimmers form a support from legs)
Chariot	Box	2SupB	2SupBB	2Sup	Triangle
1.15	1.2	1.45	1.7	1.0	1.1
	14	×		15	
Float "Rhombus" (2 swimmers form a support from legs)	Float "star" (5-	7 swimmers form a suppo 2 base is under!	ort from legs)+	Platform: float made from hands	Platform +2 featured-swimmers
Rhombus	Star (5 supports)	Star6 (if 6 supports)	Star7 (if 7 supports)	Hand	(2)
0.9	0.9	1.0	1.1	0.6	1.2
17	18	19	20		21
Float:compass	Platform: float made from hands small	"Fountain": 1 base under water+ 6 touch/hold featured- swimmer on the surface	"Carpet" 1 featured-sv on 6 laying supports, them a	other swimmers hold	Platform 4 levels
Float:compass		under water+ 6 touch/hold featured- swimmer on the	on 6 laying supports,	other swimmers hold	Platform 4 levels

3. There is no Direction in Group P.

4. The next part of a Group P code is - Area of Support/Type of Connection:

	2	3	4	5
	2007-0-0-2			MAN.
Sit on straight body (8-9 swimmers or 2-5	Stand (two legs, feet) on straight body	3 POINTS (Stand 1 leg + 2 hands) on straight body Or (Stand on 1 leg+ palms/palms connection) (constr: 6-to 9 b.swimmers or 2-5)	Stand 1 leg on straight body	Headstand on straight body
SiA	F2A	3pA or 3pA/	FA	HA
0.05	0.1	0.1	0.3	0.1
		8	9	10
"Golden bridge" grip: Palms (of 1st f.sw) and palms+feet (2nd f.sw) on straight body	Head between legs	Laying on a straight body	Stand one leg on palms, on leg on the knees	Shoulders on palms + catch bent knees
Go	H+L	AA	FP+FK	SP+K
0.2	0.1	0.05	0.2	0.2
All body (sit or lay) on	12 Bridge 1leg on knees	13 Any 3 point connection	14 Stay on straight body +	15 Stay on arch featured-
knees +hand/hands connection	and palm	with straight body bent knee	blind connection	swimmers + extra support on head
AK/	Br1K	3pK/	F2Ob	F2O+H
	0.3		0.2	0.1
"Yin/Yang" (palms on legs+leg/s on palms)	Sit on feet + feet on back	Foot on a ballet leg body + palm/foot	Sit on 1 foot + feet on palms	Sit on 1 foot + palms/palms
YY	SiF+FB	FA+PF	SiF+FP	SiF/
0.3	0.1	0.3	0.2	0.3
21	22		23	24
Lay on 1 foot + palms/shoulders+ shoulders/palms	Shoulders on palms		Shoulders on palms + hand and knee connection with leg	Stand (two legs, feet) on ballet leg body +palm on foot
BF+Le	SP		SP+KF	F2A+PF
0.2	0.		0.3	0.1
25	26	27	28	29
		Press to 1		
Bridge on a ballet leg (foot)+ palms/palms	Sit on straight feet + blind palms/palms	Bridge on Double ballet leg"	Shoulders on feet + extra connection palms/palms	Sit or Lay on straight feet + palms/palms
Bridge on a ballet leg (foot)+ palms/palms 4pF/	Sit on straight feet + blind palms/palms SiFb/	Bridge on Double ballet leg" PF+FP	Shoulders on feet + extra connection palms/palms SF/	Sit or Lay on straight feet + palms/palms SiF/

30	31	32	33	34
Palms/legs + legs/palms	Palms on bodies + extra help from base swimmers	4 (bridge) or 3 (needle) points of support on legs+ extra help from base swimmers	Feet and palms on hands connection	Foot and palms on hands connection
PL+LP	PA3*	4pA3*	BrH	3pH
0.2	0.2	0.1	0.1	0.1
35	36	37	38	39
Shoulders on hands	2 legs on hands	sit or lay on hands	All body (Sit, Lay, Head- down or stand) on 6/7/8 straight bodies Or Compass Or Carpet	Palms, foot on 2 straight bodies (for example: needle) Or Bridge
ShH	F2H	AH	AA	3pA2 or Br1A2
0.1	0.3	0.05	0.1	0.1
40	41	42		44
Foot on two bodies + palm / foot	2 legs on 2 bodies: 1 ballet leg+1 straight body	Foot on a two body + palm / foot + knee / foot	2 legs on 2 ballet leg bodies	Legs on 2 straight bodies
FA2+PF	F2A2+PF	FB2+PF+KF	F2B2+PF+PF	F2A2
0.3	0.1	0.1	0.1	0.2
45	46	47	48	49
Bridge on 2 straight bodies	1 leg+2 hands on 2	(4 level), 1 leg on shoulders	(4 level) sit on shoulders	(4 level) stand on shoulders
4pA2	straight bodies 3pA2	FSh	SiSh	2LSh
0.1	0.1	0.25	0.05	0.15
50 1 foot on hands F1H 0.2		·	·	<u>. </u>

5. The next part of the code indicates the **Positions** demonstrated:

Please use the Positions Charts from GROUP A and GROUP B.

6. The next part of the code is any **Rotation** of Construction Base:

	GROUP P							
	Туре	90 °	180°	360 °				
1	Value for Platform (all construction rotates including base	R/	R0.5	R1				
1	swimmers)	0.2	0.3	0.4				
2	Value for Platform (if featured-swimmer sits or in a headstand	R/*	R0.5*	R1*				
2	position, not standing)	0.05	0.1	0.2				
3	Value for Float made from hands		R0,5h	R1h				
3		-	0.15	0.25				
4	Value for Floot mode from loge (Stor, Compase etc.)	R/I	R0,5I					
4	Value for Float made from legs (Star, Compass etc.)	0.3	0.4	-				

7. Plane and Degree of Rotation – N/A for Group P.

8. The last part of the code is the **Bonus**:

	GROUP P					
	Bonus	Code	Value			
1	Synchronized actions for double acrobatic movements	j1	0.2			
2	Connection between 2 featured-swimmers	j2	0.1			
3	Third position (any additional position 3rd, 4th, 5th will be counted only once)	j3	0.05			
4	Blind grip between f.swimmer and support	j4	0.1			
5	"Roll" on the construction and "rolling" (circling action of platform construction, when featured swimmer submerges after 90° and support swimmer follows showing 180° arch-action above surface) entrance in the water	j5	0.2			
6	Lifting in a "Box" and lowering back	j6	0.2			
7	"Spider" action (Float formation: featured-swimmer twists in the shoulder and thigh joints and appears from underwater on a construction. This action has flexibility risk factor)	j7	0.2			
8	Floats made from hands, which are "out of water" (not on the surface)	j8	0.2			
9	Jump (Dive) from platform	j9	0.05			
10	"Cartwheel" on a platform and entering the water	j10	0.2			
11	270° somersault jump from Platform	j11	0.3			
12	Move from Platform on to 2 spotter's heads for finishing acrobatic movement as Lift	j12	0.3			
13	During platform, F.swimmer breaks palms/palms connect with support and/or lifting torso and maintain position	j13	0.3			
14	"Spichag" (power press-up from Crocodile to Candle/or Vertical head-down position)	j14	0.2			
15	"Break-dance" movements on a float	j15	0.2			
16	"Porpoise" start-action for featured-swimmer at the beginning of the acrobatic movement to get to the main position.	j16	0.1			
17	Travelling construction	j17	0.1			
18	Lifting up from the surface platform-construction	j18	0.1			
19	"Surfing", "Riding a wave" (lifting up and down full platform construction (but not away from surface)	j19	0.1			
20	Climb onto the platform from under the water (inside the construction)	j20	0.05			
21	Change the "grip"	j21	0.05			
22	If float was lifted up from under the water and/or submerge after to finish an acrobatic movement	j22	0.1			
23	Fast fall down inside floats' construction	j23	0.05			
24	Fast fall down inside floats' construction with twirl 360°	j24	0.1			
25	Change of featured-swimmer	j25	0.1			



v. 30.09.2022

General Principles:

- 1. A pair acrobatic movement is only considered as a lift or a throw if the "bottom" (base) swimmer is underwater and lifts/throws the featured-swimmer up in the air (away from surface). The base swimmer can lift/throw featured-swimmer by holding/pushing their legs or shoulders.
- 2. Rotation around self (turn, twist) can be performed in any direction.
- 3. Way of connecting between bottom and upper swimmer is optional and is not judged.
- 4. Pair Acro values should not be compared to Team Acro values. Their value is in direct relation to the duet/mixed duet events.
- 5. Base Mark for all types of Pair Acrobatics will be 0,10.

Pair Acro Level 1:					
Name	Lift head-up with crashing	Lift legs-up with crashing			
Diagram	start freish	sur and interest			
Code	 L>>	L!>>			
Value	0,10	0,20			

Pair Acro Level 2:

Name	Lift head-up	Lift head-up with flexibility and crashing	Lift legs-up with flexibility and crashing	Lift legs-up with crashing and rotation 180°	Lift legs-up		
Diagram	start 2 tinish	start finish	1 de la companya de l		store		
Code	L	Lf>>	L!f>>	L!r0,5>>	L!		
Value	0,40	0,40	0,40	0,60	0,60		

Pair Acro Level 3:

Name	Lift legs-up with crashing and rotation 360°	Lift legs-up with crashing, flex., and rotation 180° (turn)	Lift head-up with 180º rotation	Sustained lift head-up with traveling		
Diagram	tan 360 Junio Junio Juni	start finah		travelling		
Code	L!r1>>	L!fr0,5>>	Lr0,5	SL>		
Value	0,60	0,60	0,60	0,80		

Pair Acro Level 4:

	LOVOI 4.				
Name	Lift legs-up with 180° rotation	Lift head-up with flex. and 180º rotation	Lift legs-up with flexibility	Sustained lift legs-up with traveling	Lift head-up with rotation 360
Diagram	start 180 minist		start ↑ ↑ ↑ tinish	meeling	300
Code	L!r0,5	Lfr0,5	L!f	SL!>	Lr1
Value	0,80	0,80	0,80	0,80	0,80
Name	Jump head-up	Throw legs-up with crashing			
Diagram	ŽÅ↑ Å	Ţ₩↑ ₩			
Code	J	W!>>			
Value	0,80	0,80			

Pair Acro Level 5:						
Name	Lift legs-up with 360° rotation	Lift legs-up with flexibility and 180° rotation	Sustained lift legs-up with flexibility and traveling	Sustained lift legs-up with traveling and rotation 180º-360º	Jump head-up with 180 rotation	
Diagram	sert 260 finals of	stort	start	300 traveling		
Code	L!r1	L!fr0,5	SL!f>	SL!r0,5> or SL!r1>	Jr0,5	
Value	1,0	1,0	1,0	1,0	1,0	
Name	Jump head-up with flexibility	Legs-up throw-dive				
Diagram	tart tart	star Print				
Code	Jf	W!d	1			
Value	1,0	1,0]			

Pair Acro Level 6:

Name	Lift legs-up with flexibility and rotation 360°	Sustained lift legs-up with flexibility, traveling and rotation 180°-360°	Throw legs-up with 180º rotation	Throw legs-up with flexibility	Jump-Dive
Diagram	start	start		tart finish	start Fresh
Code	L!fr1	SL!fr0,5> or SL!fr1>	W!r0,5	W!f	Jd
Value	1,2	1,2	1,2	1,2	1,2

Pair Acro Level 7:			Pair Acro Level 8:		
Name	Throw legs-up with 180º somersault	Throw legs-up with flexibility and rotation 180°	Throw legs-up with flexibility and rotation 360°	Jump head-up with 1 somersault forwards	Jump head-up with 1 somersault backwards and flexibility
Diagram			t t t t t t t t t t t t t t t t t t t	siart finish	start
Code	W!s0,5	W!fr0,5	W!fr1	Js1F	Jfs1B
Value	1,4	1,4	1,6	2,0	2,0

Pair Acro Level 9:	
Name	Throw legs-up with somersault forwards
Diagram	stars inich
Code	W!s1F
Value	2,2