



4. 2017-2021 FINA FIGURE GROUPS

The figure charts in this section include a practical application for using the numerical difficulty values of each transition when judging figures.

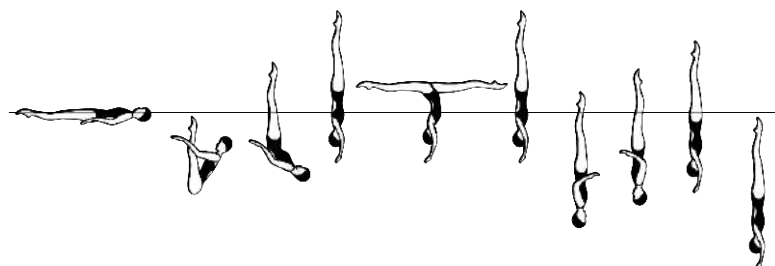
- Line 1: figure illustrations
- Line 2: numerical difficulty value [NVT] of the transition between the preceding body position and the body position illustrated above the number.
- Line 3: proportional value [PV] of the transition out of the 10 maximum points, which may be awarded for the figure.



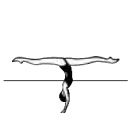




SENIOR and JUNIOR FIGURES

COMPULSORY:

1 308i Barracuda Airborne Split, Spin Up 360° DD 3.3

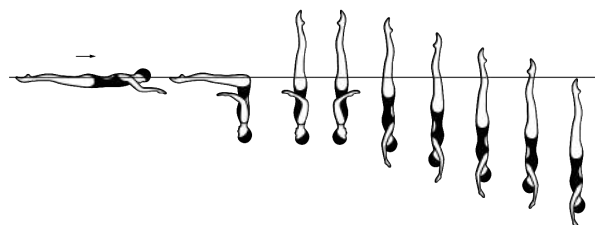
A Barracuda Airborne Split is executed to a re-joined **Vertical Position**. A *Vertical Descent* is executed at the same tempo as the *Thrust* to ankle level. The designated *Ascending Spin* is executed. A *Vertical Descent* is executed at the same tempo as the *Thrust*.






									Total
NVT=	10.0	31.0	43.0	-	15.0	19.0	13.0		131
PV =	0.76	2.37	3.28	-	1.15	1.45	0.99		

2 355g Porpoise Twist Spin DD 2.5

A Porpoise is executed to **Vertical Position**. A *Twist Spin* is executed.



				Total
NVT=	6.0	33.0	48.0	87
PV =	0.69	3.79	5.52	

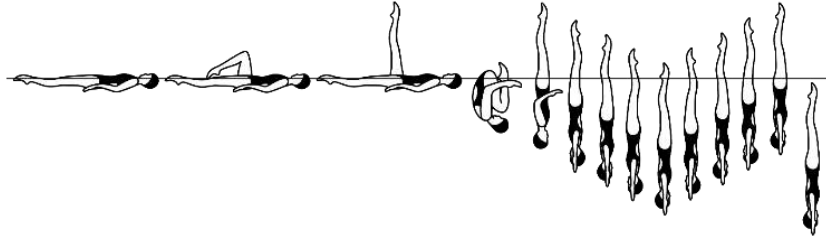








OPTIONAL GROUPS:

Group 1

3 154j-2 London Combined Spin 720° DD 2.9

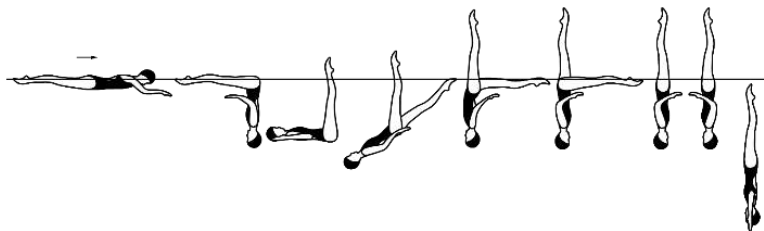
A London is executed to a **Vertical Position**. A rapid *Combined Spin* of 720° (descending spin 720° + ascending spin 720°) is executed. A rapid *Vertical Descent* is executed.











							Total
NVT=	10.5	11.0	7.0	18.0	50.0	13.0	109.5
PV =	0.96	1.00	0.64	1.64	4.57	1.19	

4 330c Aurora Twirl DD 2.8

An Aurora is executed to **Vertical Position**. A *Twirl* is executed followed by a *Vertical Descent*.



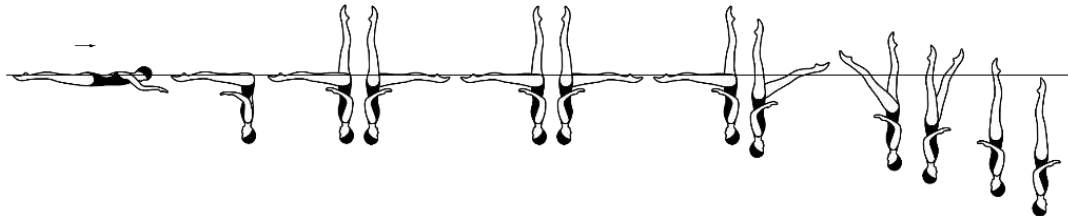
									Total
NVT=	6.0	8.0	16.0	14.0	20.5	26.0	14.0	104.5	
PV =	0.57	0.77	1.53	1.34	1.96	2.49	1.34		


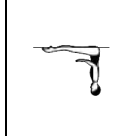
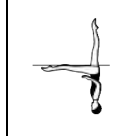
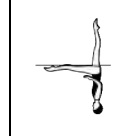
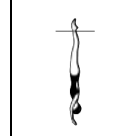
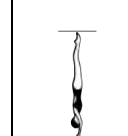


Group 2

3 364 Whirlwind DD 2.7

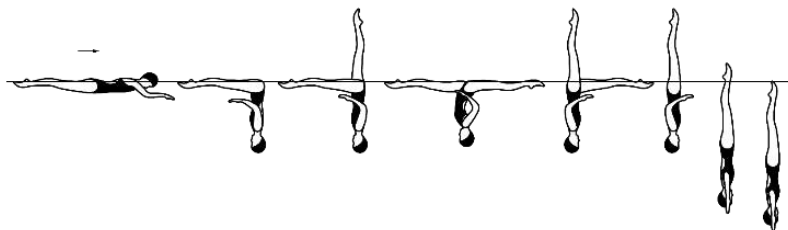
From a **Front Layout Position** a *Front Pike Position* is assumed. One leg is lifted to a **Fishtail Position**. Maintaining a **Fishtail Position**, with the horizontal leg leading toward the vertical leg, two rapid rotations (720°) are executed. Continuing in the same direction, the horizontal leg is lifted to a **Vertical Position** as a *Continuous Spin 720°* is executed.

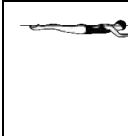
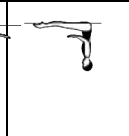
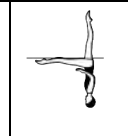
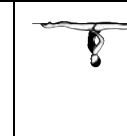
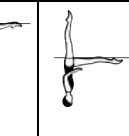
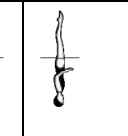
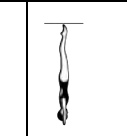


							Total
NVT=	6.0	14.5	50.0	29.5	-	-	100
PV =	0.60	1.45	5.00	2.95	-	-	

4 343 Butterfly DD 2.5

From a **Front Layout Position**, a *Front Pike Position* is assumed. One leg is lifted to a **Fishtail Position**. The horizontal leg is rapidly lifted through an arc of 180° as the vertical leg is lowered to assume a **Split Position**, without hesitating a hip rotation of 180° is executed as the front leg is raised to assume a **Fishtail Position**. The horizontal leg is lifted to a **Vertical Position** at the same tempo as the initial actions of the figure. A *Vertical Descent* is executed.



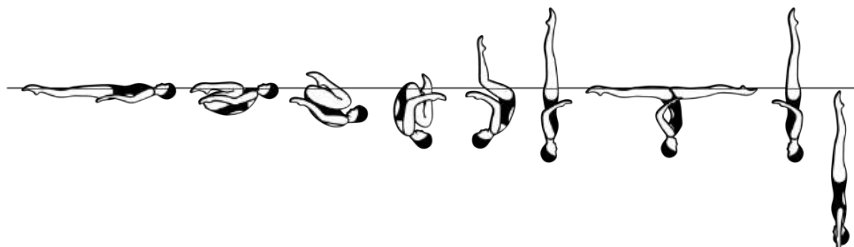
								Total
NVT=	6.0	14.5	20.0	16.5	20.5	14.0	91.5	
PV =	0.66	1.58	2.19	1.80	2.24	1.53		

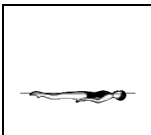


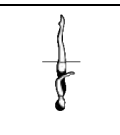

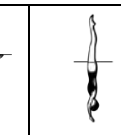


Group 3

3 320 Kipswirl Split Closing 180° DD 2.3

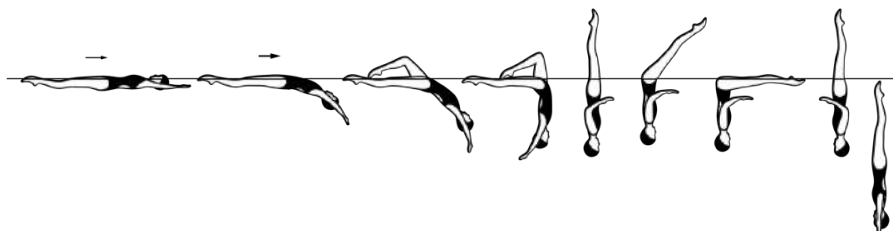
A Kipswirl is executed to the **Vertical Position**. The legs are lowered symmetrically to a **Split Position**. A rapid rotation of 180° is executed, as the legs symmetrically close to a **Vertical Position**. A *Vertical Descent* is executed.

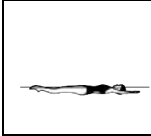

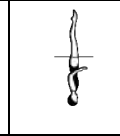
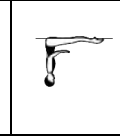
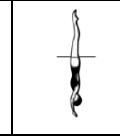
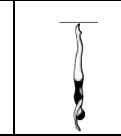


							Total
NVT=	3.0	2.0	25.0	17.0	18.0	14.0	79
PV =	0.38	0.25	3.16	2.15	2.28	1.77	

4 440 Ipanema DD 3.0

A Nova is executed to the **Bent Knee Surface Arch Position**. The horizontal leg is lifted as the bent knee is straightened to assume a **Vertical Position**. The legs are lowered to a **Front Pike Position**. A rapid 180° rotation is executed as the legs are lifted to a **Vertical Position**. A *Vertical Descent* is executed at the tempo of the rest of the figure.



							Total
NVT=	17.5	21.0	33.0	33.0	14.0	118.5	
PV =	1.48	1.77	2.78	2.78	1.18		








AGE GROUP 13-14-15 FIGURES

COMPULSORY:

1 423 Ariana DD 2.2

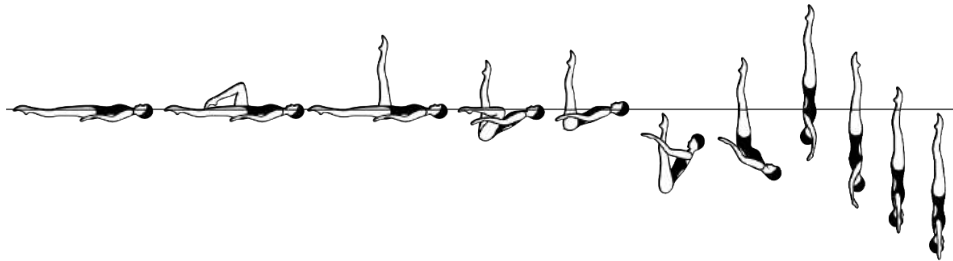
A Walkover Back is executed to a **Split Position**. Maintaining the relative position of the legs to the surface, the hips rotate 180°. A *Walkout Front* is executed.




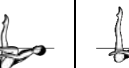
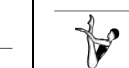
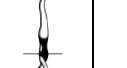
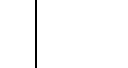


						Total
NVT=	12.0	22.0	10.0	23.0	8.0	75
PV =	1.60	2.93	1.33	3.07	1.07	

2 143 Rio DD 3.1

A **Flamingo** is executed to a **Surface Flamingo Position**. The horizontal leg is extended to a **Surface Ballet Leg Double Position**. The body submerges vertically to a **Back Pike Position** with the toes just under the surface. The figure is completed as a Barracuda Spin 360°.



								Total
NVT=	10.5	11.0	13.0	13.0	15.0	31.0	30.0	123.5
PV =	0.85	0.89	1.05	1.05	1.21	2.51	2.43	

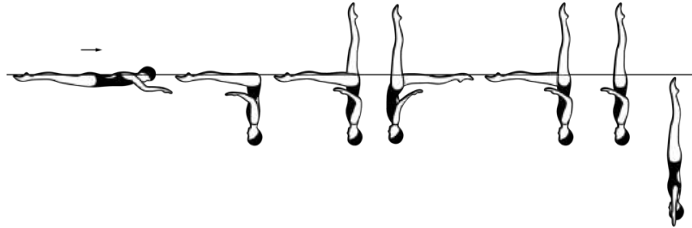







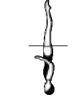

OPTIONAL GROUPS :

Group 1

3 351 Jupiter DD 2.8

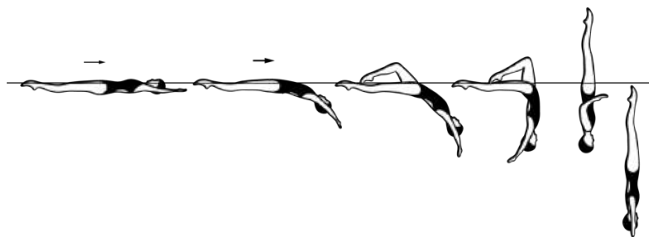
A Dalecarlia is executed to a **Knight Position**. Maintaining the vertical alignment of the body, the horizontal leg is moved in a 180° arc at the surface of the water to a **Fishtail Position**. The horizontal leg is lifted to the **Vertical Position**. A *Vertical Descent* is executed.



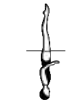



							Total
NVT=	6.0	14.5	31.0	18.0	20.5	14.0	104
PV=	0.58	1.39	2.98	1.73	1.97	1.35	

4 437 Oceanea DD 2.1

A Nova is executed to a **Bent Knee Surface Arch Position**. The horizontal leg is lifted to the vertical as the bent knee is extended to assume a **Vertical Position**. A *Continuous Spin of 720°* (2 rotations) is executed.



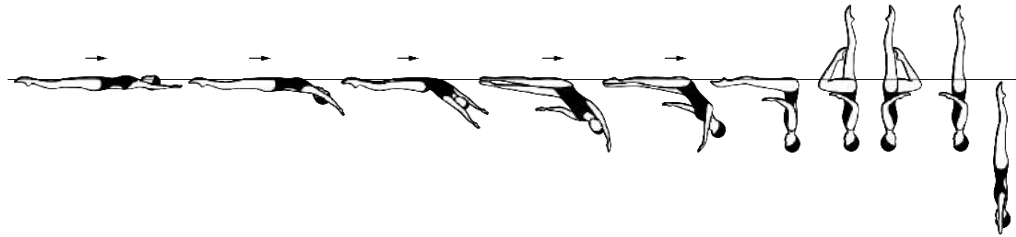
				Total
NVT=	17.5	21.0	31.0	69.5
PV =	2.52	3.02	4.46	

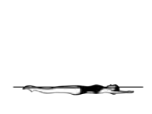



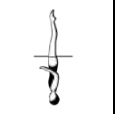


Group 2

3 240a Albatross ½ Twist DD 2.2

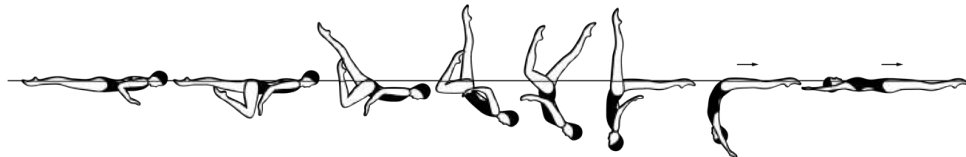
With the head leading, a *Dolphin* is initiated until the hips are about to submerge. The hips, legs and feet continue to move along the surface, as the body rolls onto the face as it *assumes a Front Pike Position*. The legs are lifted simultaneously to a **Bent Knee Vertical Position**. A *Half Twist* is executed. The designated *Twist* is executed as the bent knee is extended to meet the vertical leg. A *Vertical Descent* is executed.

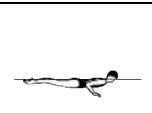
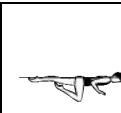
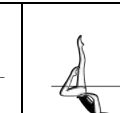
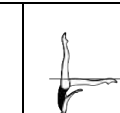
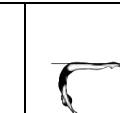


						Total
NVT=	11.0	15.0	15.0	16.5	14.0	71.5
PV =	1.54	2.10	2.10	2.31	1.96	

4 403 Swordtail DD 2.3

From a **Front Layout Position** the **Bent Knee Position** is assumed. The back arches more as the extended leg is lifted in an arc of 180° over the surface of the water. As the extended leg passes vertical, the bent leg straightens with the foot following a vertical line to assume a **Knight Position**. The vertical leg is lowered to a **Surface Arch Position**. An *Arch to Back Layout Finish Action* is executed.



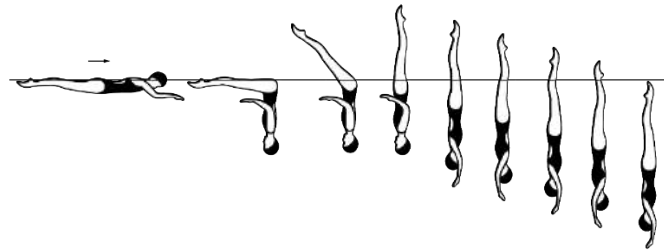
						Total
NV=	4.0	29.0	20.0	18.5	8.0	79.5
PV =	0.50	3.65	2.52	2.33	1.01	



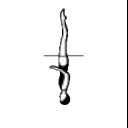


Group 3

3 355f Porpoise Continuous Spin 720° DD 2.1

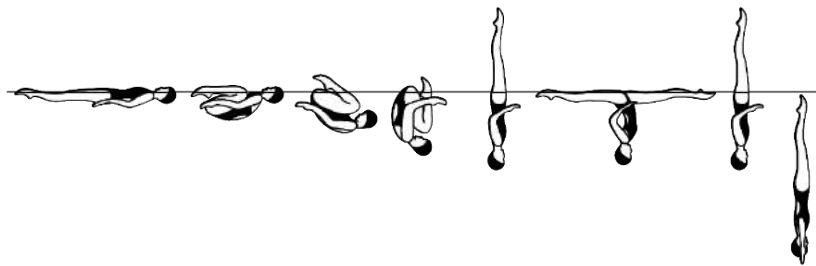
A Porpoise is executed to **Vertical Position**. A *Continuous Spin 720°* is executed.



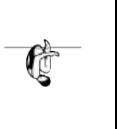
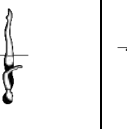
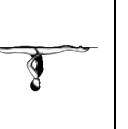
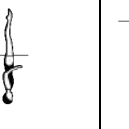


				Total
NVT=	6.0	33.0	31.0	70
PV =	0.86	4.71	4.43	

4 315 Seagull DD 2.1

From a **Back Layout Position**, a partial Somersault Back Tuck is executed until the shins are perpendicular to the surface of the water. The trunk unrolls rapidly as the legs are straightened to assume a **Vertical Position** midway between the former vertical line through the hips and the former vertical line through the head and the shins. The legs are lowered rapidly symmetrically to **Split Position**. The legs are joined rapidly to resume **Vertical Position**. A *Vertical Descent* is executed at the same tempo as the initial actions of the figure.



							Total
NVT=	3.0	2.0	18.0	17.0	16.0	14.0	70
PV =	0.43	0.29	2.57	2.43	2.29	2.00	







AGE GROUP 12 and UNDER FIGURES

COMPULSORY:

1 106 Straight Ballet Leg DD 1.6

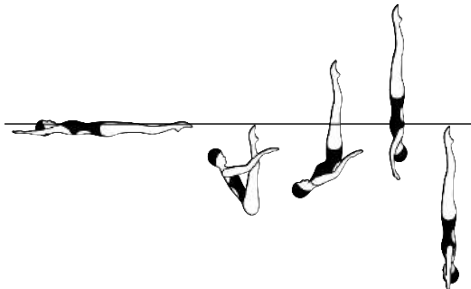
From a **Back Layout Position**, one leg is raised straight to a **Ballet Leg Position**. The *Ballet Leg* is lowered.







					Total
NVT=		18.5	11.0	10.5	40
PV =		4.63	2.75	2.63	

2 301 Barracuda DD 1.9

From a **Back Layout Position**, the legs are raised to a vertical as the body is submerged to a **Back Pike Position** with the toes just under the surface. A **Thrust** is executed to a **Vertical Position**. A *Vertical Descent* is executed at the same tempo as the *Thrust*.



					Total
NVT=		10.0	31.0	15.0	56
PV =		1.79	5.54	2.68	

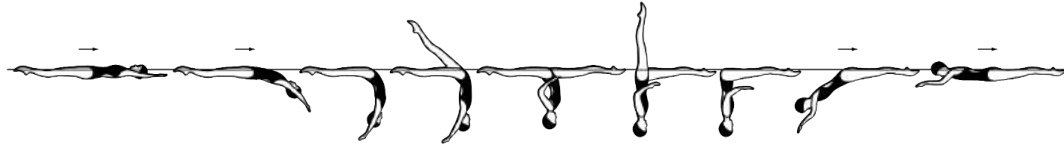



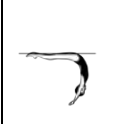


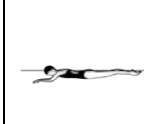
OPTIONAL GROUPS :

Group 1

3 420 Walkover Back DD 1.9

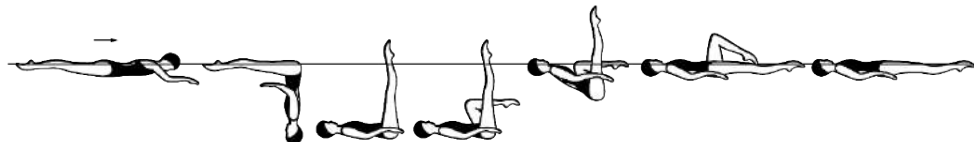
With the head leading a *Dolphin* is initiated. The hips, legs and feet continue to move along the surface as the back is arched more to assume a **Surface Arch Position**. One leg is lifted in a 180° arc over the surface to a **Split Position**. A *Walkout Back* is executed.

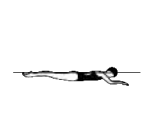
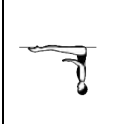
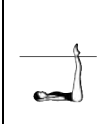
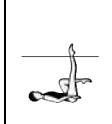
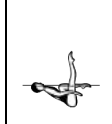



						Total
NVT=		12.0	22.0	19.0	6.0	59
PV =		2.03	3.73	3.22	1.02	

4 327 Ballerina DD 1.8

From a **Front Layout Position** a *Somersault Front Pike* is executed to a **Submerged Ballet Leg Double Position**. One knee is bent to assume a **Submerged Flamingo Position**. Maintaining this position, the body rises to a **Surface Flamingo Position**. The ballet leg is lowered in a 90° arc to the surface as the other leg moves to assume a **Bent Knee Position**. The toe moves along the inside of the extended leg until a **Back Layout Position** is assumed.



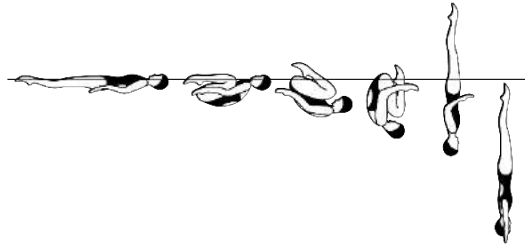
							Total
NVT=		6.0	8.0	3.0	10.0	15.0	52.5
PV =		1.14	1.52	0.57	1.90	2.86	2.00

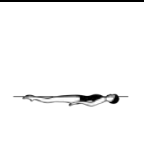


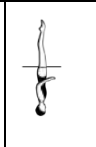
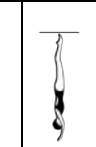


Group 2

3 311 Kip DD 1.6

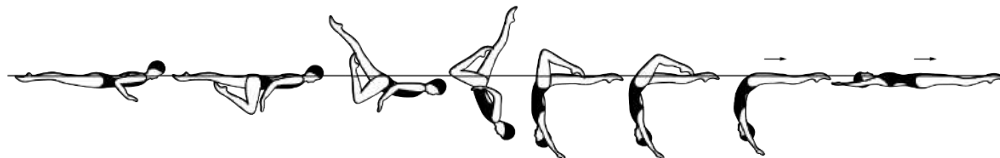
From a **Back Layout Position**, a partial Somersault Back Tuck is executed until the shins are perpendicular to the surface. The trunk unrolls as the legs are straightened to assume a **Vertical Position** midway between the former vertical line through the hips and the former vertical line through the head and the shins. A *Vertical Descent* is executed.

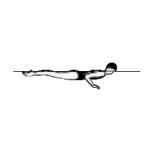


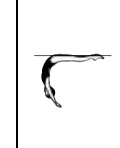
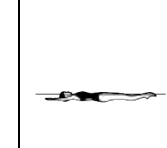


						Total
NVT=	3.0	2.0	23.0	14.0		42
PV =	0.71	0.48	5.48	3.33		

4 401 Swordfish DD 2.0

From a **Front Layout Position**, a **Bent Knee Position** is assumed. The back arches more as the extended leg is lifted in a 180° arc over the surface to assume a **Bent Knee Surface Arch Position**. The bent knee is straightened to assume a **Surface Arch Position**, and with continuous motion, an *Arch to Back Layout Finish Action* is executed.



						Total
NVT=	4.0	35.0	14.5	8.0		61.5
PV =	0.65	5.69	2.36	1.30		


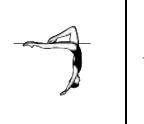
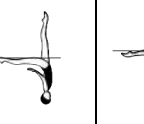
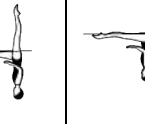
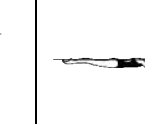


Group 3

3 226 Swan DD 2.1

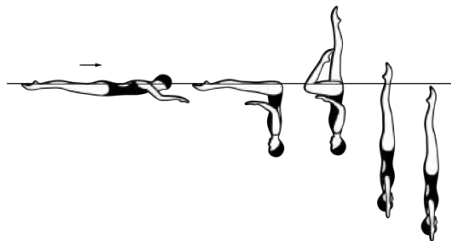
A Nova is executed to the **Bent Knee Surface Arch Position**. The bent leg straightens to assume a **Knight Position**. The body rotates 180° to assume a **Fishtail Position**. The vertical leg is lowered to the surface to meet the opposite leg in a **Front Pike Position** and with continuous movement the body straightens to a **Front Layout Position**. The head surfaces at the point occupied by the hips at the beginning of this action.

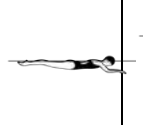
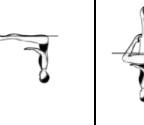
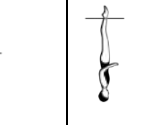
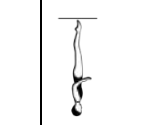


						Total
NVT=	17.5	14.0	14.0	14.5	6.0	66
PV =	2.65	2.12	2.12	2.20	0.91	

4 363 Water Drop DD 1.5

From A **Front Layout Position**, a **Front Pike Position** is assumed. The legs are lifted simultaneously to a **Bent Knee Vertical Position**. A **180° Spin** is executed as the bent knee is extended to a **Vertical Position** before the ankles reach the surface of the water.



					Total
NVT=	6.0	15.0	15.0	-	36
PV =	1.67	4.17	4.17	-	