

Waterski Homologation - I Abierto Nacional Esqui Nautico Clase L- 2024.21/03/2024 13:59:58 - Waterski Do

International Waterski and Wakeboard Federation
2023 Edition Homologation Dossier - Waterski

Competition name: I Abierto Nacional Esqui Nautico Clase L
Competition Code: 24COL009
Date: 02-03-2024 03-03-2024
Site Name: Club Los Lagartos
Site Code: COL001
Organising Country: COL - Colombia
Type of competition: National
Were cash prizes or merchandise awarded (Yes/No): (No)

Homologator's and Chief Judge recommendation to Waterski Council
(Fill in R-Record, L-Standing List)

Event	Round 1	Round 2	Round 3	Round 4
Slalom	(L)	(L)	()	()
Tricks	(L)	(L)	()	()
Jump	(L)	(L)	()	()

HOMOLOGATOR'S CHECKLIST

If checked and all according to rules put OK.

If checked and any variation to the rules put an X and explain in "Remarks" section.

Not applicable is NA or leave blank for events not sanctioned.

BOAT CHECKLIST

- Boats and equipment (Rule 5) (OK)
- Speed Control (Rule 5) (OK)
Manufacturer: (Zero Off)
Software Version: (E1886100S)
- JUMP Power Factor Default (Titled Event only): (OK)
OK

SLALOM CHECKLIST

- Slalom Course Type: (Single anchor buoys)
(single anchor/cross line/four-line floating/centreline frame/other)
- Slalom course Survey attach (8.17, 25.02): Survey date: (2024-02-01)
- Slalom buoy diameter/height checked (8.07, 25.02) (OK)
- All buoys are clearly visible (8.07, 25.02) (OK)
- Boat guides visually checked for straightness (25.02) (OK)
- Gate Camera position and height (8.13/8.19) (OK)
- Gate Video Camera View and Recording (8.13, 25.06) (OK)
- Position and height of slalom tower (8.06, 8.13) (OK)
- Slalom Shore Official Configuration (8.13):
 - 4 judges- 2 on each side (44 deg.) (8.19) (OK)
 - 2 judges on one side (gate) + 1 judge on the other side ()
 - 2 judges, 1 on each side with gate video ()
 - 2 central towers with live boat video ()
 - 2 central towers without live boat video ()
- Measure/Inspect tourn supplied slalom lines/handles (5.09) (OK)
- Arrangement for checking of skier supplied slalom handles (5.11) (OK)
- Speed control mapped (5.03, 5.04, 5.07) (OK)
- Boat Path Monitoring System Used (25.08): (Sure-Path)
(Sure-Path/SplashEye/other 25.08)
- If RTK-GPS Boat Path Measurement System is used:
 - Verification method used (25.02):
 - Self-Check using BPMS (OK) or
 - Comparing to Official Survey (X)
- If video base BPMS used, system verified (25.06, 25.08) (OK)
- Boat camera and video recording (Class R) minimum (NA)
704x480 pixels @ minimum 25fps (PAL) 30fps (NTSC)
- If BPMS not used, EC Video Data forwarded to federation or confederation (OK)

Filename (25.02): ()

TRICKS CHECKLIST

- 1. Trick course checked (9.01/9.24) (OK)
- 2. Arrangement for checking rope release (9.13) (X)
- 3. Additional weight available (9.14) (OK)
- 4. Trick Officials OK
 - 5 Judges (9.12) (OK)
 - 3 Judges (9.12) (OK)
- 5. Video Tricks Timing system manufacturer (SplashE)
 - (SplashEye/Video Stop Watch/Loreto/Bottcher/Corson/other) OK
- 6. Video Trick Timing System verified (25.03) (OK)
- 7. Video Trick view/review speed : (100%) OK

JUMP CHECKLIST

- 1. Jump Course Type: (Single anchor buoys)
 - (single anchor/cross line/two-line floating/centreline frame/other)
- 2. Jump course Survey attached. (10.16, 25.04): Survey date: (2023-10- X)
- 3. Jump buoy diameter/height per rule (8.07, 25.04) (OK)
- 4. All buoys are clearly visible (8.07, 25.04) (OK)
- 5. Boat guides visually checked for straightness (25.04) (OK)
- 6. Ramp ratio verified and recorded (below) (10.02) (OK)
- 7. Ramp markings are clearly identified (6.50m & 7.00m) (10.02) (OK)
- 8. Ramp surface deviation verified and recorded (below) (10.02) (OK)
- 9. Ramp width at top and bottom is between 3.7m and 4.3m (10.02) (OK)
- 10. Ramp as minimum 50cm under water (10.02) (OK)
- 11. Minimum side curtain depth under water with ramp set at 1.80M is 20cm (10.02) (OK)
- 12. Side Curtain Specification; Minimum angle 28deg and Max 60 deg (10.02) (OK)
- 13. Ramp surface inspected (25.04) (OK)
- 14. Ramp inspected to ensure secured (25.04) (OK)
- 15. Measure/Inspect competition supplied line/handles (5.09) (OK)
- 16. Arrangement for checking skier's supplied line/handles (5.11, 25.04) (OK)
- 17. Manufacturer of Video Jump Measurement System (25.07): (SplashEOK)
 - (SplashEye/Video Tape Measurement/Loreto/Boettcher/Corson)
- 18. Video Jump Measurement System - verify setup and homologation level (25.04) (OK)
- 19. Speed Control mapped (5.03, 5.04, 5.07) (OK)
- 20. Boat Path Monitoring System Used (25.08): (Video)
 - (Sure-Path/SplashEye/other)
- 21. If RTK-GPS BPMS used:
 - 1. Verification method used (25.04):
 - i. Self-Check using BPMS (NA) or
 - ii. Comparing to Official Survey (NA)
- 22. If Video Base BPMS used, system verified (25.06, 25.08) (NA)
- 23. If BPMS not used, EC Video or BPMS Data forwarded to Confederation (NA)
 - Filename : ()

JUMP SETUP

JUMP RAMP SURFACE MEASUREMENT

Maximum Deviation from plane (10.02f) 0,2 cm
 Max deviation point from top of jump (10.02f) 2 m

RAMP SETTING

Setting	Right Side			Left Side		
	Height	Length	Ratio	Height	Length	Ratio
1.80	XXX.X	XXX.X	XXX.X	XXX.X	XXX.X	XXX.X
1.65	1,73	6,80	0,2544	1,73	6,8	0,2544
1.50	1,61	6,80	0,2368	1,61	6,8	0,2368
1.35	XXX.X	XXX.X	XXX.X	XXX.X	XXX.X	XXX.X

END OF HOMOLOGATION FORM

It is important to leave the above section in the exact format as it will be processed automatica

The following section is where free form comments are added, and attachments are made.

HOMOLOGATOR'S REMARKS - Must provide any variations (examples below):

- Rules:
- Course alterations:
- Malfunction of equipment:
- BPMS:
- Boat/Speed Control:
- Other:

Homologator:

Name:

JERSSON DELGADO

E-mail:

jdelgadoacosta@hotmail.com

Chief Judge:

Name:

Angelica Cifuentes

E-mail:

Scorer:

Name:

Diego Restrepo

E-mail:

This homologation record must be uploaded to IWWF

CHIEF JUDGE and OFFICIALS REPORT

Chief Judge and panel Officials to subscribe:

"I certify compliance with all IWWF and E&A Rules governing the competition.

I am satisfied with the conduct of the event."

Position	Official name	Country	Qual.	License/ld	Slalom	Tricks	Jump	Signature
Chief Judge	Angelica CIFUENTES	COL	J2	PanAm	Yes	Yes	Yes	
Homologator	JERSSON DELGADO	COL	H2	PanAm	Yes	Yes	Yes	
Calculator	Diego RESTREPO	COL	S1	PanAm	Yes	Yes	Yes	
Judges	Jersson DELGADO	COL	J2	PanAm	Yes	Yes	Yes	
	Angelica CIFUENTES	COL	J2	PanAm	Yes	Yes	Yes	
	Jennyfer CADENA	COL	J2	PanAm	Yes	Yes	Yes	
	Nathalie PEREZ	COL	J2	PanAM	Yes	Yes	Yes	
Chief Driver	Alfonso QUINTANA	COL			Yes	Yes	Yes	
Drivers	FREDDY BURBABO	COL			Yes	Yes	Yes	

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21/03/2024 13:59:52

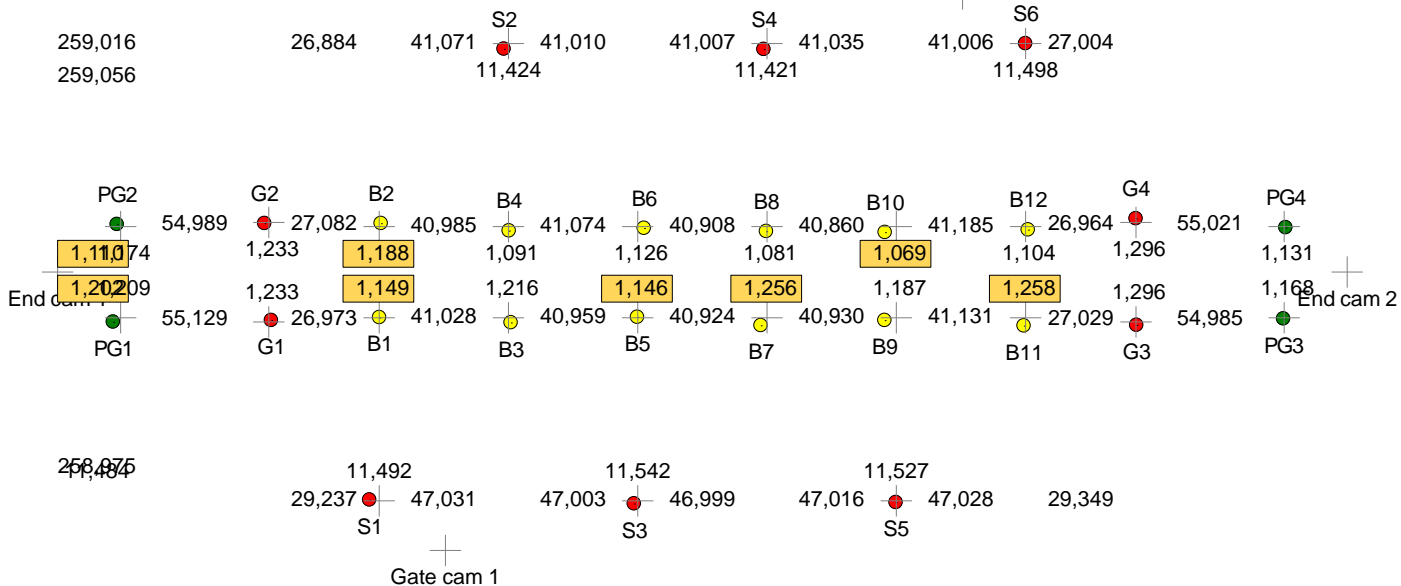
Survey date & time 26/02/2024 15:30:00
 Homologation level Ranking List & record
 Homologation mode X,Y coordinates

X-Axis : MG12-MG34

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
G1	1041,9760	872,5240	0,2000	0,0500
G2	1039,9660	871,0940	0,2000	0,0500
G3	899,6940	1088,9120	0,2000	0,0500
G4	897,5340	1087,4810	0,2000	0,0500
S1	1035,7960	900,5840	0,2000	0,0500
S2	994,0790	922,3010	0,2000	0,0500
S3	990,7260	969,1840	0,2000	0,0500
S4	949,0040	990,8210	0,2000	0,0500
S5	945,6220	1037,7150	0,2000	0,0500
S6	903,8500	1059,3180	0,2000	0,0500
B1	1027,0810	895,0120	0,2200	0,0500
B2	1025,1190	893,7430	0,2200	0,0500
B3	1004,5880	929,3250	0,2200	0,0500
B4	1002,6750	928,0360	0,2200	0,0500
B5	982,0180	963,5050	0,2200	0,0500
B6	980,0710	962,3310	0,2200	0,0500
B7	959,6180	997,7540	0,2200	0,0500
B8	957,6250	996,5310	0,2200	0,0500
B9	937,0650	1031,9100	0,2200	0,0500
B10	935,1780	1030,6730	0,2200	0,0500
B11	914,5180	1066,3110	0,2200	0,0500
B12	912,5130	1065,0600	0,2200	0,0500
PG1	1072,2560	826,4550	0,2200	0,0500
PG2	1070,2380	825,1870	0,2200	0,0500
PG3	869,3670	1134,7780	0,2200	0,0500
PG4	867,4310	1133,5370	0,2200	0,0500
Gate cam 1				
Gate cam 2				
End cam 1				
End cam 2				

58 / 66	Mesures	S4 - S5	47,016
Lengths		S5 - S6	47,028
Axe - Axe	259,016	S6 - Axe	29,349
G1 - G3	258,975	Widths	
G2 - G4	259,056	Axe - G1	1,233
Lengths		Axe - G2	1,233
Axe - S1	26,884	Axe - G3	1,296
S1 - S2	41,071	Axe - G4	1,296
S2 - S3	41,010	Axe - S1	11,492
S3 - S4	41,007	Axe - S2	11,424
S4 - S5	41,035	Axe - S3	11,542
S5 - S6	41,006	Axe - S4	11,421
S6 - Axe	27,004	Axe - S5	11,527
Lengths		Axe - S6	11,498
PG1 - G1	55,129	Average S1 - S6	11,484
PG2 - G2	54,989	Axe - B1	1,149 XX
G1 - B1	26,973	Axe - B2	1,188 XX
G2 - B2	27,082	Axe - B3	1,216
B1 - B3	41,028	Axe - B4	1,091
B2 - B4	40,985	Axe - B5	1,146 XX
B3 - B5	40,959	Axe - B6	1,126
B4 - B6	41,074	Axe - B7	1,256 XX
B5 - B7	40,924	Axe - B8	1,081
B6 - B8	40,908	Axe - B9	1,187
B7 - B9	40,930	Axe - B10	1,069 XX
B8 - B10	40,860	Axe - B11	1,258 XX
B9 - B11	41,131	Axe - B12	1,104
B10 - B12	41,185	Average B1-B11	1,202 XX
B11 - G3	27,029	Average B2-B12	1,110 XX
B12 - G4	26,964	Axe - PG1	1,209
G3 - PG3	54,985	Axe - PG2	1,174
G4 - PG4	55,021	Axe - PG3	1,168
Diagonals		Axe - PG4	1,131
G1 - G4	258,979	Gate camera angles	
G2 - G3	259,077	Axe - Gate cam 1	°
Axe - S1	29,237	Axe - Gate cam 2	°
S1 - S2	47,031	End course cameras	
S2 - S3	47,003	Axe - End cam 1	
S3 - S4	46,999	Axe - End cam 2	

Gate cam 2



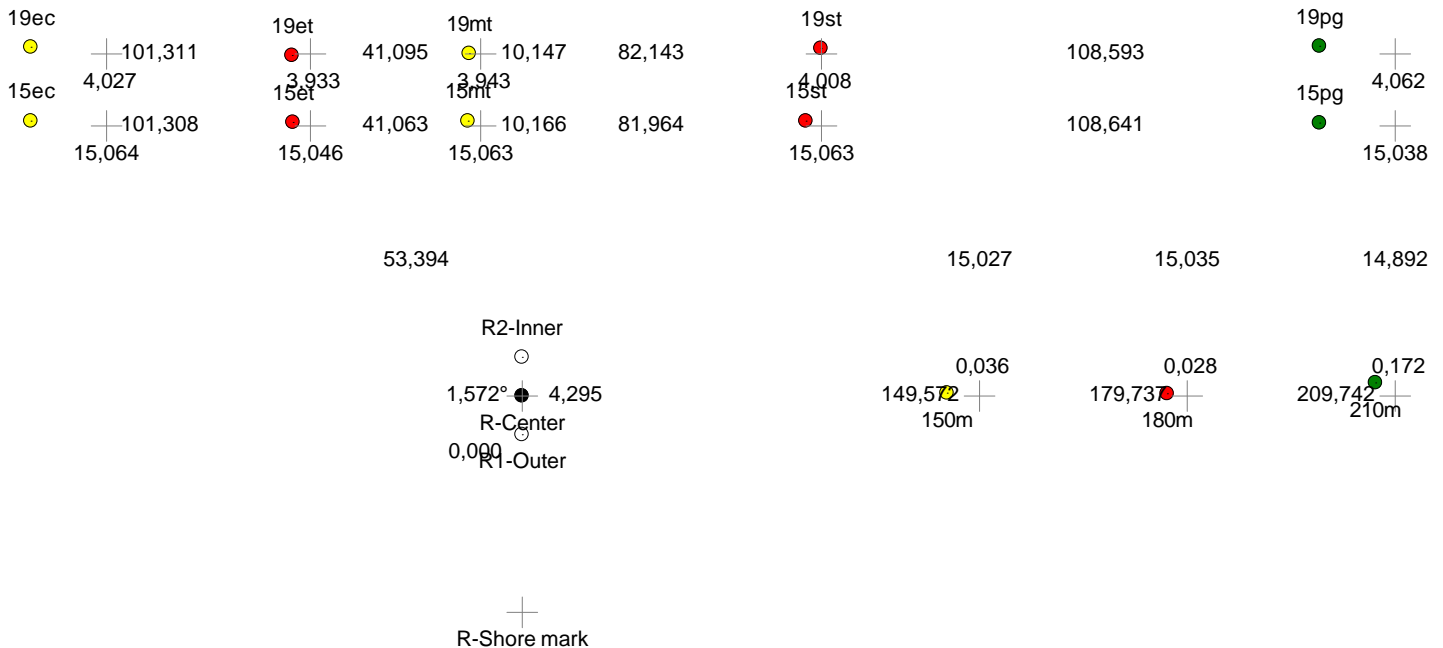
Waterski Homologation - I Abierto Nacional Esqui Nautico Clase L- 2024.hom - Waterski Jun 21/03/2024 13:59:54

Survey date & time 30/10/2023 9:42:00
 Homologation level Ranking List & record
 Homologation mode X,Y coordinates

X-Axis : 15st-15mt

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
15pg	882,3881	1016,6881	1016,6881	0,0500
19pg	878,9146	1014,5770	1014,5770	0,0500
210m	878,6659	1049,3350	1049,3350	0,0500
180m	895,3044	1024,3662	1024,3662	0,0500
150m	911,9048	999,1794	999,1794	0,0500
15st	942,1782	925,9800	925,9800	0,0500
19st	938,7236	923,9388	923,9388	0,0500
15mt	987,3030	857,5557	857,4557	0,0500
19mt	984,0010	855,4015	855,4506	0,0500
15et	1009,9244	823,2853	823,2853	0,0500
19et	1006,6479	821,1098	821,1098	0,0500
15ec	1037,4800	781,4700	781,4700	0,0500
19ec	1034,1200	779,2500	779,2500	0,0500
R1-Outer	996,0407	875,5669	875,5669	
R2-Inner	992,5212	873,1047	873,1047	
R-Center	994,2810	874,3358	874,3358	
R-Shore mark				

33 / 33	Mesures	Ramp - 150m	0,036
Lengths			
Ramp - 210m	209,742	15st - 150m	15,027
Ramp - 180m	179,737	Ramp - 15st	15,063
Ramp - 150m	149,572	15st - 19st	4,008
15st - 15mt	81,964	Ramp - 15mt	15,063
19st - 19mt	82,143	15mt - 19mt	3,943
15mt - 15et	41,063	Ramp - 15et	15,046
19mt - 19et	41,095	15et - 19et	3,933
Ramp - 15ec	101,308	Ramp - 15ec	15,064
Ramp - 19ec	101,311	15ec - 19ec	4,027
Ramp - 15mt	10,166	Ramp - 15pg	15,038
Ramp - 19mt	10,147	15pg - 19pg	4,062
15st - 15pg	108,641	Distances	
19st - 19pg	108,593	R1-Outer - R2-Inner	4,295
Widths			
Ramp - 210m	0,172	Ramp - R-Center	0,000
15st - 210m	14,892	Ramp - 15et	53,394
Ramp - 180m	0,028	Ramp angle	
15st - 180m	15,035	R1-Outer - R2-Inner	1,572°
		Ramp - R-Shore mark	
		R-Center - R-Shore mark	



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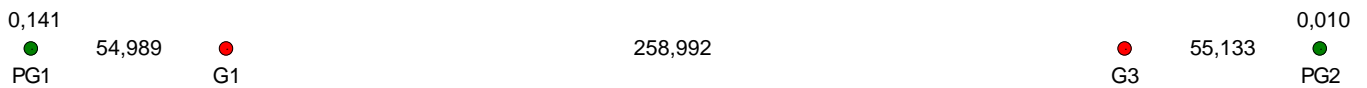
21/03/2024 13:59:55

Survey date & time 21/03/2024 6:40:00
 Homologation level Ranking List & record
 Homologation mode X,Y coordinates

X-Axis : G1 -G3

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
G1	899,6940	1088,9120	0,2200	0,0500
G3	1041,9760	872,5240	0,2200	0,0500
PG1	869,3670	1134,7780	0,2200	0,0500
PG2	1072,2560	826,4550	0,2200	0,0500

5 / 5	Mesures	Exact	Tol Min	Tol Max
Lengths				
G1 - G3	258,992	230,000	180,000	280,000
G1 - PG1	54,989	50,000	40,000	60,000
G3 - PG2	55,133	50,000	40,000	60,000
Widths				
G1 - PG1	0,141	2,000	-4,000	4,000
G3 - PG2	0,010	2,000	-4,000	4,000



Waterski Homologation - I Abierto Nacional Esqui Nautico Clase L- 2024. 21/03/2024 11:59:57

Survey date & time 30/10/2023 10:17:00

Homologation mode X,Y coordinates

X-Axis : 15st-15mt

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
A	1010,2200	877,5900	0,2200	0,0500
B	978,6300	863,3900	0,2200	0,0500
C	1025,7600	853,8500	0,2200	0,0500
D	991,8000	843,5800	0,2200	0,0500
E	1029,5600	848,1000	0,2200	0,0500
F	995,0400	838,6400	0,2200	0,0500
G	1039,2100	833,5200	0,2200	0,0500
H	1000,4400	830,4800	0,2200	0,0500
I	1043,8500	826,4600	0,2200	0,0500
J	1013,3300	811,0700	0,2200	0,0500
K			0,2200	0,0500
L	1019,2800	802,3600		
M				
N				
O				
P				
Cam1				
Cam2				
Cam3				
R1-Outer	996,0400	875,4700		
R2-Inner	992,5200	873,1000		
R-Center	994,2800	874,3400		
15st	942,1800	925,9800	0,2200	0,0500
15mt	987,3000	857,5600	0,2200	0,0500
15et	1009,9200	823,2900	0,2200	0,0500
20m				
30m				
40m				
50m				
60m				
70m				
80m				

2 / 2	Dist ramp	Ramp - N	
Coordinates		Ramp - O	
Ramp	0,000	Ramp - P	
Ramp - R1-Outer	2,122	Ramp - 20m	
Ramp - R2-Inner	2,122	Ramp - 30m	
Ramp - A	16,365	Ramp - 40m	
Ramp - B	18,972	Ramp - 50m	
Ramp - C	37,560	Ramp - 60m	
Ramp - D	30,736	Ramp - 70m	
Ramp - E	43,959	Ramp - 80m	
Ramp - F	35,592	Ramp - Cam1	
Ramp - G	60,683	Ramp - Cam2	
Ramp - H	44,185	Ramp - Cam3	
Ramp - I	68,893	Distances	
Ramp - J	65,987	Ramp - R-Center	0,055
Ramp - K		R1-Outer - R2-Inner	4,244
Ramp - L	76,146	Ramp - 15mt	18,035
Ramp - M		Ramp - 15et	53,303

