

Waterski Homologation - 24PANA03.hom - Waterski Dossier

01/04/2024 - 11:12:40

International Waterski and Wakeboard Federation
2024 Edition Homologation Dossier - Waterski

Competition name: XL Campeonato Latinoamericano 2024
Competition Code: 24PANA03
Date: 2024-03-27 2024-03-31
Site Name: AHUMADA ESQUI NAUTICO
Site Code: ARG014
Organising Country: ARG - Argentina
Type of competition: International
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	(R)	(R)	()	()
Tricks	(R)	(R)	()	()
Jump	(R)	(R)	()	()

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)
- Speed Control (Rule 5)
Manufacturer: (Zero C
Software Version: (E188620
- JUMP Power Factor Default (Titled Event only): (4

SLALOM CHECKLIST

- Slalom Course Type: (Single anchor buo
(single anchor/cross line/four-line floating/centreline frame/other)
- Slalom course Survey attach (8.17, 25.02): Survey date: (2024-03-
- Slalom buoy diameter/height checked (8.07, 25.02)
- All buoys are clearly visible (8.07, 25.02)
- Boat guides visually checked for straightness (25.02)
Average Width - Centerline to B1 - B11: (1,135)
Average Width - Centerline to B2 - B12: (1,161)
- Gate Camera position and height (8.13/8.19)
- Gate Video Camera View and Recording (8.13, 25.06)
- Position and height of slalom tower (8.06, 8.13)
- Slalom Shore Official Configuration (8.13):
 - 4 judges- 2 on each side (44 deg.) (8.19)
 - 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)
- Arrangement for checking of skier supplied slalom handles (5.11)
- Speed control mapped (5.03, 5.04, 5.07)
- Boat Path Monitoring System Used (25.08): (Sure-Path
- (Sure-Path/SplashEye/other 25.08)
- RTK-GPS Boat Path Measurement Verified w/Self Check:
Record from BPMS (25.02):
 - Width - Centerline Axis to G1/G2: (1,238)
 - Width - Centerline Axis to G3/G4: (1,254)
 - Average Width (S1, S3, S5) to Centerline: (11.48)
 - Average Width (S2, S4, S6) to Centerline: (11,54)
- If video base BPMS used, system verified (25.06, 25.08)
- Boat camera and video recording (Class R) minimum

704x480 pixels @ minimum 25fps (PAL) 30fps (NTSC)

17. If BPMS not used, EC Video Data forwarded to federation or confederation
Filename (25.02): (WATERSKI CONNE

TRICKS CHECKLIST

1. Trick course checked (9.01/9.24)
2. Arrangement for checking rope release (9.13)
3. Additional weight available (9.14)
4. Trick Officials
 - 5 Judges (9.12)
 - 3 Judges (9.12)
5. Video Tricks Timing system manufacturer (Boettch
(SplashEye/Video Stop Watch/Loreto/Bottcher/Corson/other)
6. Video Trick Timing System verified (25.03)
7. Video Trick initial review speed : (10
8. Video Trick second review speed : (10

JUMP CHECKLIST

1. Jump Course Type: (Single anchor buo
(single anchor/cross line/two-line floating/centreline frame/other)
2. Jump course Survey attached. (10.16, 25.04): Survey date: (2024-03-
3. Jump buoy diameter/height per rule (8.07, 25.04)
4. All buoys are clearly visible (8.07, 25.04)
5. Boat guides visually checked for straightness (25.04)
6. Measure/Inspect competition supplied line/handles (5.09)
7. Arrangement for checking skier's supplied line/handles (5.11, 25.04)
8. Manufacturer of Video Jump Measurement System (25.07): (Boettch
(SplashEye/Video Tape Measurement/Loreto/Boettcher/Corson)
9. Video Jump Measurement System - verify setup and homologation level (25.04)
10. Speed Control mapped (5.03, 5.04, 5.07)
11. Boat Path Monitoring System Used (25.08): (Sure-Path
(Sure-Path/SplashEye/other)
12. RTK-GPS Boat Path Measurement Verified w/Self Check: ()
Record from BPMS (25.04):
 - Width - 15ST to 19ST (4m +/-10cm) (3.96)
 - Width - 15MT to 19MT (4m +/-10cm) (4.02)
 - Width - 15ET to 19ET (4m +/-10cm) (3.97)
 - Width - Ramp Centerline to X Axis (15m+/-15cm) (14.93)
13. If Video Base BPMS used, system verified (25.06, 25.08)
14. If BPMS not used, EC Video or BPMS Data forwarded to Confederation
Filename : (WATERSKI CONNE

JUMP SETUP

JUMP RAMP SURFACE MEASUREMENT

1. Ramp width at top and botom is between 3.7m and 4.3m:
Width (10.02): Top (m): (4.14) Botom(m): (4.14)
2. Ramp markings are clearly identified (6.50m & 7.00m) (10.02):
Top edge to 6.50m line: Left Side(m) (6.5) Right Side(m) (6.5)
Top edge to 7.00m line: Left Side(m) (7.0) Right Side(m) (7.0)
3. Length underwater (minimum 50cm) (10.02c) (m): (0,51)
4. Ramp surface deviation verified (10.02)
Maximum Deviation from plane (10.02f) (cm) (0)
Maximum Deviation Point from top edge (10.02f) (m): (2)
5. Minimum side curtain depth under water with ramp set at 1.80M is 20cm (10.02): ()
6. Apron Angle (Min 28 deg / Max 60 deg): ()
Measured at Ramp Height(m): (1.81)
Length of apron edge from top corner to water(m): (2.1)
Ratio of Length/height (min 0.5, max 0.0883): (0,862)
7. Ramp surface inspected (25.04)
8. Ramp secure anchoring (25.04)
9. Ramp ratio verified and recorded (10.02)

RAMP SETTING

Right Side

Left Side

Setting	Height	Length	Ratio	Height	Length	Ratio
1.80	1.81	6.80	0,2662	1.81	6.80	0,2662
1.65	1.73	6.81	0,2540	1.73	6.81	0,2540
1.50	1.59	6.82	0,2331	1.59	6.82	0,2331
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.
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: WE DIDNT PUT JUMP PRE GATES BECAUSE THEY WOULD ALTERATE THE S
- Malfunction of equipment:
- BPMS:
- Boat/Speed Control: WE USED MASTERCRAFT FOR SLALOM AND JUMP AND MALIBU FOR TRICKS
- Other:

Homologator:

Name: ANTONIO COLLAZO

E-mail:COLLAWATERSKI@GMAIL.COM

Chief Judge:

Name: FELIPE LEAL

E-mail:FELTRICKS@GMAIL.COM

Scorer:

Name: DIEGO RESTREPO

E-mail:DIEGO_REPO@YAHOO.COM

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	Felipe LEAL	COL	J1	PanAm	Yes	Yes	Yes	
Homologator	Antonio COLLAZO	ARG	H1	PanAm	Yes	Yes	Yes	
Technical Officer	Antonio COLLAZO	ARG	H1	PanAm	Yes	Yes	Yes	
Calculator	Diego RESTREPO	COL	S1	PanAm	Yes	Yes	Yes	
Assistant Calculator	Martiza CONCHA	CHI	S1	PanAm	Yes	Yes	Yes	
Judges	Alicia DEL VALLE JULIO	ARG	J1	PanAm	Yes	Yes	Yes	
	Jersson DELGADO	COL	J2	PanAm	Yes	Yes	Yes	
	Felipe LEAL	COL	J1	PanAm	Yes	Yes	Yes	
	Miguel MUNOZ	ARG	J2	PanAm	Yes	Yes	Yes	
	Robert RITTER	CHI	J2	PanAm	Yes	Yes	Yes	
Chief Driver	Diego HERNANDEZ	CHI	D1	PanAm	Yes	Yes	Yes	
Drivers	Jose CALDERON	ARG	D1	PanAm	Yes	Yes	Yes	

Waterski Homologation - 24PANA03.hom - Waterski Slalom Course

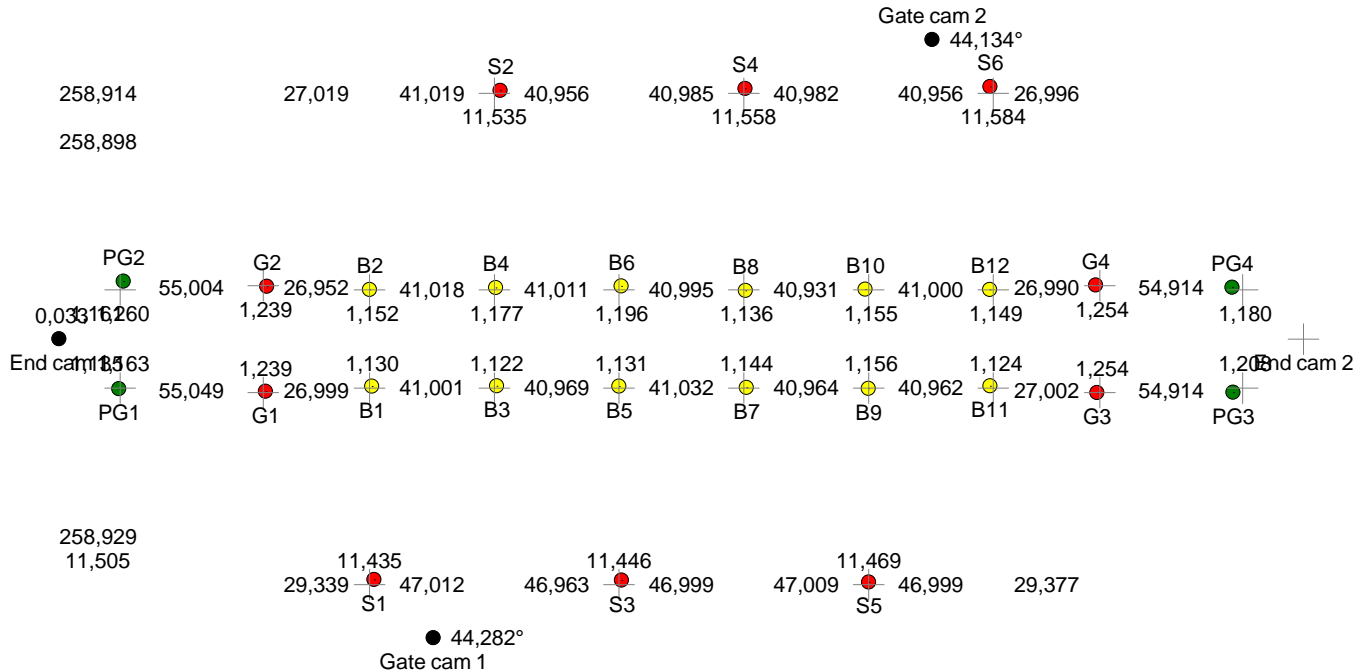
01/04/2024 - 11:12:40

Survey date & time 25/03/2024 16:43:00
 Homologation level Ranking List & record
 Homologation mode GPS coordinates
 Angle unit Decimal degrees
 X-Axis: MG1G2-MG3G4

	Latitude	Longitude	Asignation	Height
Station 1				
Station 2				
Station 3				
G1	-31,962617570	-65,289136720	489,0000	
G2	-31,962622620	-65,289111190	489,0000	
G3	-31,964895350	-65,289738900	489,0000	
G4	-31,964900180	-65,289712980	489,0000	
S1	-31,962835120	-65,289304770	489,0000	
S2	-31,963241490	-65,289163110	489,0000	
S3	-31,963556230	-65,289495480	489,0000	
S4	-31,963962370	-65,289353390	489,0000	
S5	-31,964277250	-65,289686300	489,0000	
S6	-31,964683240	-65,289543630	489,0000	
B1	-31,962855300	-65,289198370	489,0000	
B2	-31,962859550	-65,289174750	489,0000	
B3	-31,963216000	-65,289293620	489,0000	
B4	-31,963220440	-65,289269860	489,0000	
B5	-31,963576390	-65,289388960	489,0000	
B6	-31,963581250	-65,289365010	489,0000	
B7	-31,963937320	-65,289484500	489,0000	
B8	-31,963941760	-65,289460950	489,0000	
B9	-31,964297660	-65,289579870	489,0000	
B10	-31,964301870	-65,289555920	489,0000	
B11	-31,964658070	-65,289674770	489,0000	
B12	-31,964662540	-65,289651310	489,0000	
PG1	-31,962133450	-65,289007950	489,0000	
PG2	-31,962138790	-65,288983090	489,0000	
PG3	-31,965378520	-65,289866110	489,0000	
PG4	-31,965383110	-65,289841430	489,0000	
Gate cam 1	-31,962891270	-65,289613380	489,0000	
Gate cam 2	-31,964567980	-65,289134060	489,0000	
End cam 1	-31,966848520	-65,290241900	489,0000	
End cam 2				

69 / 69	Mesures
Lengthes	
Axe - Axe	258,914
G1 - G3	258,929
G2 - G4	258,898
Lengthes	
Axe - S1	27,019
S1 - S2	41,019
S2 - S3	40,956
S3 - S4	40,985
S4 - S5	40,982
S5 - S6	40,956
S6 - Axe	26,996
Lengthes	
PG1 - G1	55,049
PG2 - G2	55,004
G1 - B1	26,999
G2 - B2	26,952
B1 - B3	41,001
B2 - B4	41,018
B3 - B5	40,969
B4 - B6	41,011
B5 - B7	41,032
B6 - B8	40,995
B7 - B9	40,964
B8 - B10	40,931
B9 - B11	40,962
B10 - B12	41,000
B11 - G3	27,002
B12 - G4	26,990
G3 - PG3	54,914
G4 - PG4	54,914
Diagonals	
G1 - G4	258,925
G2 - G3	258,926
Axe - S1	29,339
S1 - S2	47,012
S2 - S3	46,963
S3 - S4	46,999
S4 - S5	47,009
S5 - S6	46,999

S6 - Axe	29,377
Widths	
Axe - G1	1,239
Axe - G2	1,239
Axe - G3	1,254
Axe - G4	1,254
Axe - S1	11,435
Axe - S2	11,535
Axe - S3	11,446
Axe - S4	11,558
Axe - S5	11,469
Axe - S6	11,584
Average S1 - S6	11,505
Axe - B1	1,130
Axe - B2	1,152
Axe - B3	1,122
Axe - B4	1,177
Axe - B5	1,131
Axe - B6	1,196
Axe - B7	1,144
Axe - B8	1,136
Axe - B9	1,156
Axe - B10	1,155
Axe - B11	1,124
Axe - B12	1,149
Average B1 - B11	1,135
Average B2 - B12	1,161
Axe - PG1	1,163
Axe - PG2	1,260
Axe - PG3	1,208
Axe - PG4	1,180
Gate camera angles	
Axe - Gate cam 1	44,282°
Axe - Gate cam 2	44,134°
Gate cam. positions	Distance
Axe - Gate cam 1	55,183m
Axe - Gate cam 2	66,846m
End course cameras	
Axe - End cam 1	0,033
Axe - End cam 2	



Waterski Homologation - 24PANA03.hom - SALTO NORTE

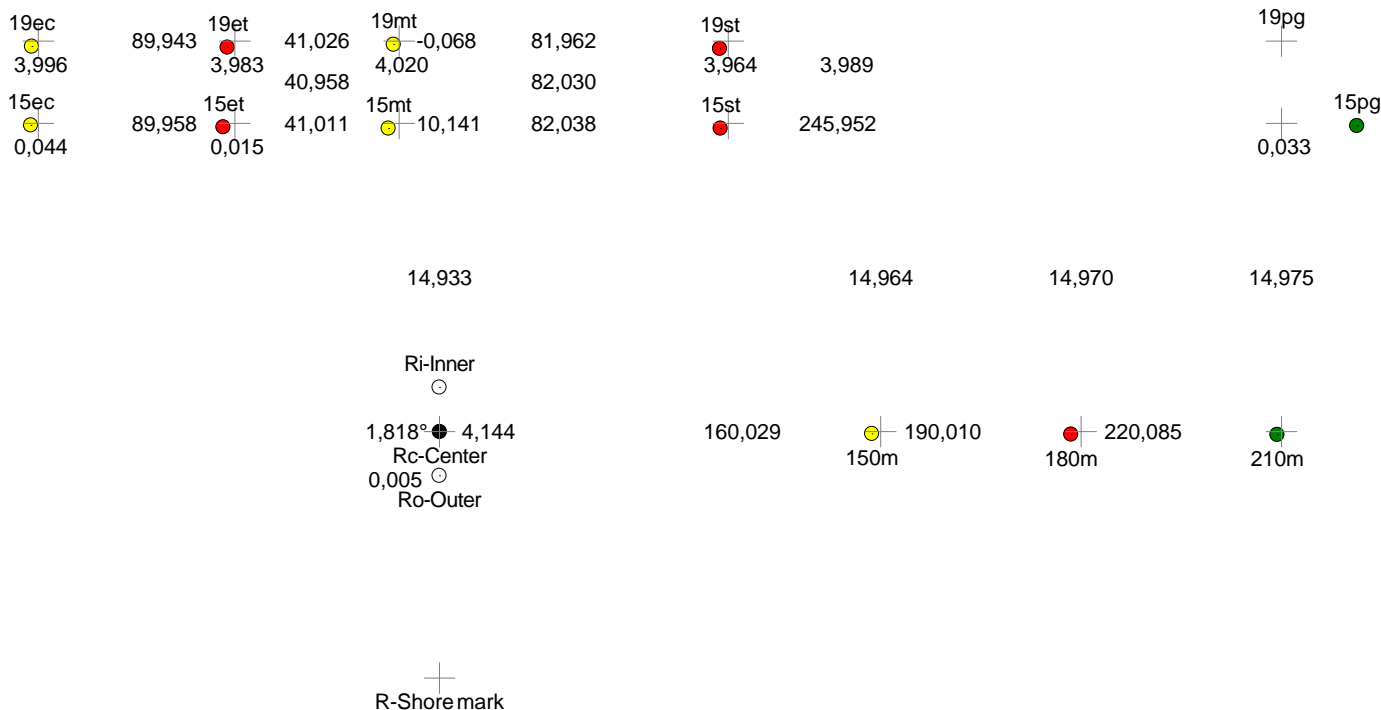
01/04/2024 - 11:12:41

Survey date & time 25/03/2024 16:44:00
 Homologation level Ranking List & record
 Homologation mode GPS coordinates
 Angle unit Decimal degrees
 X-Axis: 15st-15mt

	Latitude	Longitude	Asignation
Station 1			
Station 2			
Station 3			
15pg	-31,964301870	-65,289555920	489,0000
19pg			
210m	-31,964044530	-65,289650510	489,0000
180m	-31,963780000	-65,289580380	489,0000
150m	-31,963516290	-65,289510470	489,0000
15st	-31,962860000	-65,289174370	489,0000
19st	-31,962867800	-65,289133450	489,0000
15mt	-31,962138380	-65,288983240	489,0000
19mt	-31,962146960	-65,288941920	489,0000
15et	-31,961777670	-65,288887540	489,0000
19et	-31,961786020	-65,288846720	489,0000
15ec	-31,961347190	-65,288773210	489,0000
19ec	-31,961355170	-65,288732470	489,0000
Ro-Outer	-31,962194390	-65,289182460	489,0000
Ri-Inner	-31,962201460	-65,289139420	489,0000
Rc-Center	-31,962197950	-65,289160990	489,0000
R-Shore mark			

29 / 29	Mesures
Lengthes	
210m - Y-Axis	220,085
180m - Y-Axis	190,010
150m - Y-Axis	160,029
15pg - Y-Axis	245,952
19pg - Y-Axis	
15st - Y-Axis	82,038
19st - Y-Axis	82,030
15et - Y-Axis	41,011
19et - Y-Axis	40,958
15ec - Y-Axis	89,958
19ec - Y-Axis	89,943
19st - 19mt	81,962
19mt - 19et	41,026
19mt - Y-Axis	-0,068
Ramp - Y-Axis	10,141
Widths	
210m - X-Axis	14,975

180m - X-Axis	14,970
150m - X-Axis	14,964
15pg - X-Axis	0,033
15et - X-Axis	0,015
15ec - X-Axis	0,044
19pg - X-Axis	
19st - X-Axis	3,964
19mt - X-Axis	4,020
19et - X-Axis	3,983
19ec - X-Axis	3,996
Average 19st - 19et	3,989
Ramp - X-Axis	14,933
Distances	
Ro-Outer - Ri-Inner	4,144
Ramp - Rc-Center	0,005
Ramp angle	
Ro-Outer - Ri-Inner	1,818°
Ramp - R-Shore mark	



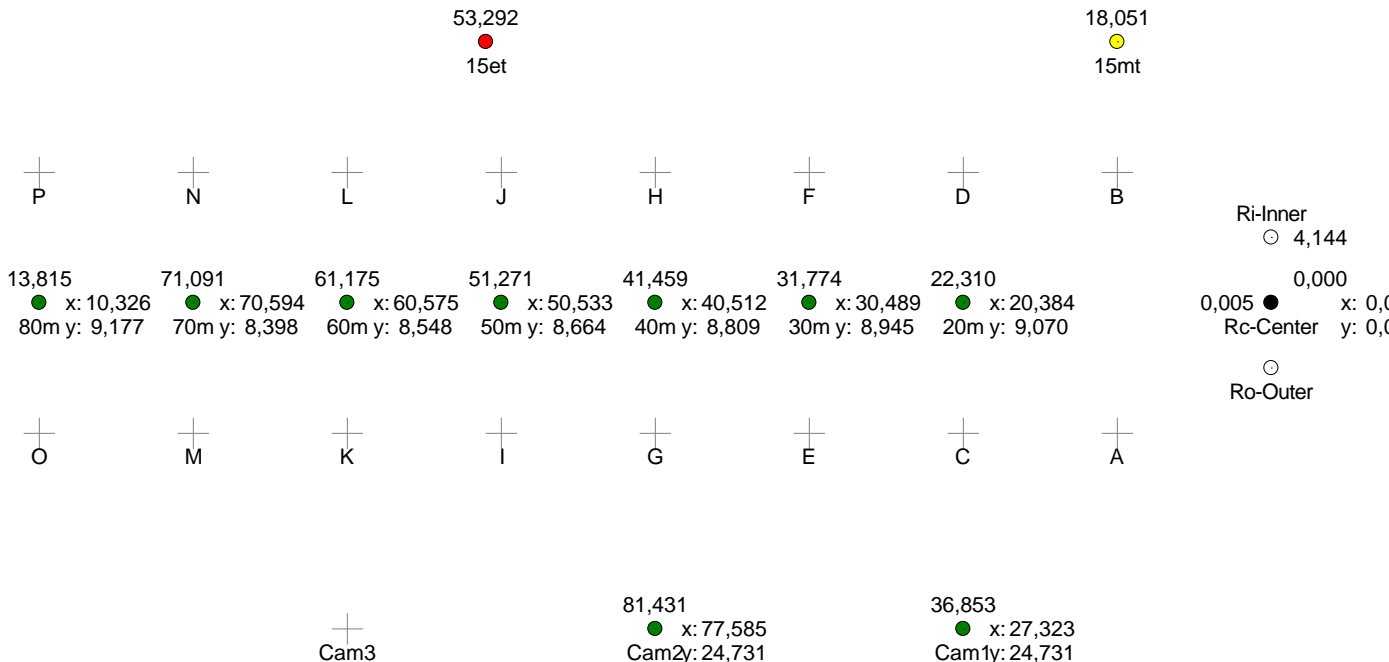
Waterski Homologation - 24PANA03.hom - SALTO NORTE CAMARAS 01/04/2024 - 11:12:41

Survey date & time 25/03/2024 16:44:00

Homologation mode GPS coordinates
 Angle unit Decimal degrees
 X-Axis: Cam1-Cam2

	Latitude	Longitude	Asignatura
Station 1			
Station 2			
Station 3			
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
L			
M			
N			
O			
P			
Cam1	-31,961908410	-65,289352330	489,0000
Cam2	-31,961466340	-65,289235050	489,0000
Cam3			
Ro-Outer	-31,962194390	-65,289182460	489,0000
Ri-Inner	-31,962201460	-65,289139420	489,0000
Rc-Center	-31,962197950	-65,289160990	489,0000
15st	-31,962860000	-65,289174370	489,0000
15mt	-31,962138380	-65,288983240	489,0000
15et	-31,961777670	-65,288887540	489,0000
20m	-31,962000600	-65,289206950	489,0000
30m	-31,961911970	-65,289182080	489,0000
40m	-31,961824080	-65,289157290	489,0000
50m	-31,961736230	-65,289132410	489,0000
60m	-31,961648140	-65,289107790	489,0000
70m	-31,961560320	-65,289082860	489,0000
80m	-31,962088850	-65,289231530	489,0000

2 / 2	Dist ramp	Ramp - N	
Coordinates		Ramp - O	
Ramp	0,000	Ramp - P	
Ramp - Ro-Outer	2,072	Ramp - 20m	22,310
Ramp - Ri-Inner	2,072	Ramp - 30m	31,774
Ramp - A		Ramp - 40m	41,459
Ramp - B		Ramp - 50m	51,271
Ramp - C		Ramp - 60m	61,175
Ramp - D		Ramp - 70m	71,091
Ramp - E		Ramp - 80m	13,815
Ramp - F		Ramp - Cam1	36,853
Ramp - G		Ramp - Cam2	81,431
Ramp - H		Ramp - Cam3	
Ramp - I		Distances	
Ramp - J		Ramp - Rc-Center	0,005
Ramp - K		Ro-Outer - Ri-Inner	4,144
Ramp - L		Ramp - 15mt	18,051
Ramp - M		Ramp - 15et	53,292



Waterski Homologation - 24PANA03.hom - Waterski Trick Course

01/04/2024 - 11:12:41

Survey date & time 25/03/2024 17:07:00
 Homologation level Ranking List & record
 Homologation mode GPS coordinates
 Angle unit Decimal degrees
 X-Axis: G1 -G3

5 / 5	Mesures	Exact	TolMin	TolMax
Lengthes				
G1 - G3	258,929	230,000	180,000	280,000
G1 - PG1	55,049	50,000	40,000	60,000
G3 - PG2	54,914	50,000	40,000	60,000
Widths				
G1 - PG1	0,073	2,000	-4,000	4,000
G3 - PG2	0,049	2,000	-4,000	4,000

	Latitude	Longitude	Asignation
Station 1			
Station 2			
Station 3			
G1	-31,962617570	-65,289136720	489,0000
G3	-31,964895350	-65,289738900	489,0000
PG1	-31,962133450	-65,289007950	489,0000
PG2	-31,965378520	-65,289866110	489,0000

