

# Waterski Homologation - 24IWWF02.hom - Waterski Dossier

05/08/2024 - 03:40:30 p. m.

International Waterski and Wakeboard Federation  
2024 Edition Homologation Dossier - Waterski

Competition name: 2024 IWWF World Under 17 Waterski Championship  
Competition Code: 24IWWF02  
Date: 2024-08-01 2024-08-04  
Site Name: Predator Bay  
Site Code: CAN7733  
Organising Country: CAN - Canada  
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) (OK)
- Speed Control (Rule 5) (OK)  
Manufacturer: ( Zero Off)  
Software Version: ( E1886032A)
- JUMP Power Factor Default (Titled Event only): ( 4)

## 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: (2024-07-27)
- 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)  
Average Width - Centerline to B1 - B11: (1.175 )  
Average Width - Centerline to B2 - B12: (1.161 )
- 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) ( )
  - 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)
- RTK-GPS Boat Path Measurement Verified w/Self Check: (OK)  
Record from BPMS (25.02):
  - Width - Centerline Axis to G1/G2: (1.285 )
  - Width - Centerline Axis to G3/G4: (1.249 )
  - Average Width (S1, S3, S5) to Centerline: (11.52 )

Average Width (S2, S4, S6) to Centerline: (11.48 )

- 15. If video base BPMS used, system verified (25.06, 25.08) (OK)
- 16. Boat camera and video recording (Class R) minimum (OK)  
704x480 pixels @ minimum 25fps (PAL) 30fps (NTSC)
- 17. If BPMS not used, EC Video Data forwarded to federation or confederation ( )  
Filename (25.02): ( )

TRICKS CHECKLIST

- 1. Trick course checked (9.01/9.24) (OK)
- 2. Arrangement for checking rope release (9.13) (OK)
- 3. Additional weight available (9.14) (OK)
- 4. Trick Officials  
- 5 Judges (9.12) (OK)  
- 3 Judges (9.12) ( )
- 5. Video Tricks Timing system manufacturer ( SplashEye)  
(SplashEye/Video Stop Watch/Loreto/Bottcher/Corson/other)
- 6. Video Trick Timing System verified (25.03) (OK)
- 7. Video Trick initial review speed : ( 80%)
- 8. Video Trick second review speed : ( 80%)

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: (2024-07-25)
- 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. Measure/Inspect competition supplied line/handles (5.09) (OK)
- 7. Arrangement for checking skier's supplied line/handles (5.11, 25.04) (OK)
- 8. Manufacturer of Video Jump Measurement System (25.07): ( SplashEye)  
(SplashEye/Video Tape Measurement/Loreto/Boettcher/Corson)
- 9. Video Jump Measurement System - verify setup and homologation level (25.04) (OK)
- 10. Speed Control mapped (5.03, 5.04, 5.07) (OK)
- 11. Boat Path Monitoring System Used (25.08): ( Sure-Path)  
(Sure-Path/SplashEye/other)
- 12. RTK-GPS Boat Path Measurement Verified w/Self Check: (OK)  
Record from BPMS (25.04):  
Width - 15ST to 19ST (4m +/-10cm) ( 4.10 )  
Width - 15MT to 19MT (4m +/-10cm) ( 4.09 )  
Width - 15ET to 19ET (4m +/-10cm) ( 4.06 )  
Width - Ramp Centerline to X Axis (15m+/-15cm) (14.99 )
- 13. If Video Base BPMS used, system verified (25.06, 25.08) (OK)
- 14. If BPMS not used, EC Video or BPMS Data forwarded to Confederation ( )  
Filename : ( )

JUMP SETUP

JUMP RAMP SURFACE MEASUREMENT

- 1. Ramp width at top and botom is between 3.7m and 4.3m: (OK)  
Width (10.02): Top (m): ( 4.30 ) Botom(m): ( 4.30 )
- 2. Ramp markings are clearly identified (6.50m & 7.00m) (10.02): (OK)  
Top edge to 6.50m line: Left Side(m) ( 6.50 ) Right Side(m) ( 6.50 )  
Top edge to 7.00m line: Left Side(m) ( 7.00 ) Right Side(m) ( 7.00 )
- 3. Length underwater (minimum 50cm) (10.02c) (m): ( 60 )
- 4. Ramp surface deviation verified (10.02) (OK)  
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): (OK)
- 6. Apron Angle (Min 28 deg / Max 60 deg): (OK)  
Measured at Ramp Height(m): ( 1.80 )  
Length of apron edge from top corner to water(m): ( 2.2 )  
Ratio of Length/height (min 0.5, max 0.0883): (0.818 )
- 7. Ramp surface inspected (25.04) (OK)

8. Ramp secure anchoring (25.04) (OK)  
9. Ramp ratio verified and recorded (10.02) (OK)

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	1.74	6.91	0.2518	1.74	6.91	0.2518
1.50	1.63	6.98	0.2335	1.63	6.98	0.2335
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 automatically. The following section is where free form comments are added, and attachments are made.

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

- Rules: No exceptions
- Course alterations: None
- Malfunction of equipment: None
- BPMS: Sure path
- Boat/Speed Control: Zero off
- Other: Trick timing and Judging system used was EyeTrick operated by Donal Conley

Homologator:

Name:

Jose Antonio Perez Priego

E-mail:

jperezpriego@compuserve.com

Chief Judge:

Name:

Kerry Lee

E-mail:

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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/Id	Slalom	Tricks	Jump	Signature
Chief Judge	Kerri LEE	USA	J1	PanAm	Yes	Yes	Yes	
Assistant Chief Judge	Larry GISLER	BRA	J1	PanAm	Yes	Yes	Yes	
Homologator	Jose Antonio PEREZ PRIETO	MEX	H1	PanAm	Yes	Yes	Yes	
Calculator	Diego RESTREPO	COL	S1	PanAm	Yes	Yes	Yes	
Assistant Calculator	Michele GRANT	CAN	J2	PanAm	Yes	Yes	Yes	
	Gael THERIN	FRA	J1	E&A	Yes	Yes	Yes	
Judges	Valentina GONZALEZ	CHI	J1	PanAm	Yes	Yes	Yes	
	Kyle HAYES	AUS	J1	Oceana	Yes	Yes	Yes	
	Nikki K LEE	USA	J1	PanAm	Yes	Yes	Yes	
	Cole J MCCORMICK	CAN	J2	PanAm	Yes	Yes	Yes	
	Candido MOZ	ITA	J1	E&A	Yes	Yes	Yes	
	Marie Anne PERSOONS	BEL	J1	E&A	Yes	Yes	Yes	
	Jeffrey D SMITH	USA	J1	PanAm	Yes	Yes	Yes	
	Lisa STEINER	USA	J1	PanAm	Yes	Yes	Yes	
Chief Driver	Andrew BERGMAN	CAN	D1	PanAm	Yes	Yes	Yes	
Drivers	Giovanni ANDRONICO	ITA	D1	E&A	Yes	Yes	Yes	
	Nigel SPARROW	AUS	D1	OCEANIA	Yes	Yes	Yes	

# Waterski Homologation - 24IWWF02.hom - Waterski Slalom Course

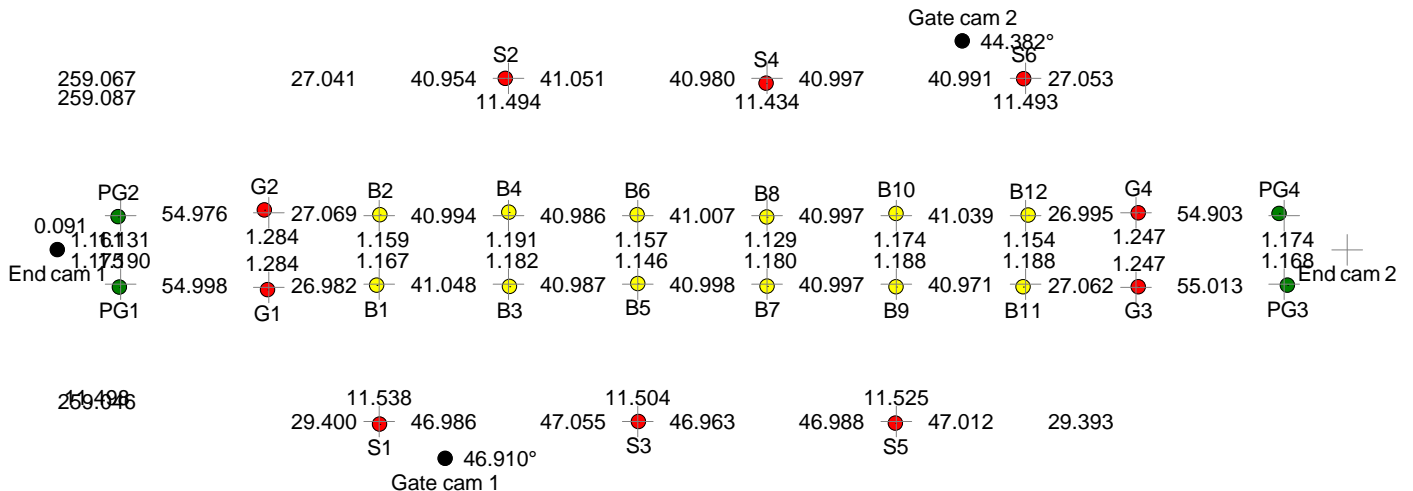
05/08/2024 - 03:40:31 p. m.

Survey date & time 25/07/2024 10:02:00 p. m.  
 Homologation level Ranking List & record  
 Homologation mode GPS coordinates  
 Angle unit Decimal degrees  
 X-Axis: MG1G2-MG3G4

Station	Latitude	Longitude	Asignatura (m)
Station 1			
Station 2			
Station 3			
G1	50.846961320	-113.925963700	984.0000
G2	50.846974810	-113.925993300	984.0000
G3	50.848828640	-113.923767100	984.0000
G4	50.848842030	-113.923795500	984.0000
S1	50.847101020	-113.925617800	984.0000
S2	50.847519870	-113.925532700	984.0000
S3	50.847692270	-113.924922700	984.0000
S4	50.848110800	-113.924836300	984.0000
S5	50.848283020	-113.924227200	984.0000
S6	50.848702060	-113.924141600	984.0000
B1	50.847156430	-113.925736200	984.0000
B2	50.847169240	-113.925762300	984.0000
B3	50.847452210	-113.925387900	984.0000
B4	50.847464890	-113.925415000	984.0000
B5	50.847747830	-113.925040700	984.0000
B6	50.847760120	-113.925067000	984.0000
B7	50.848043150	-113.924692600	984.0000
B8	50.848055540	-113.924718900	984.0000
B9	50.848338600	-113.924344800	984.0000
B10	50.848351270	-113.924371700	984.0000
B11	50.848633900	-113.923997300	984.0000
B12	50.848646960	-113.924023400	984.0000
PG1	50.846565410	-113.926431200	984.0000
PG2	50.846577730	-113.926457800	984.0000
PG3	50.849225570	-113.923301400	984.0000
PG4	50.849237360	-113.923329000	984.0000
Gate cam 1	50.847021990	-113.925219900	988.0000
Gate cam 2	50.848735050	-113.924789000	988.0000
End cam 1	50.850171570	-113.922210430	986.0000
End cam 2			

69 / 69	Mesures
Lengthes	
Axe - Axe	259.067
G1 - G3	259.046
G2 - G4	259.087
Lengthes	
Axe - S1	27.041
S1 - S2	40.954
S2 - S3	41.051
S3 - S4	40.980
S4 - S5	40.997
S5 - S6	40.991
S6 - Axe	27.053
Lengthes	
PG1 - G1	54.998
PG2 - G2	54.976
G1 - B1	26.982
G2 - B2	27.069
B1 - B3	41.048
B2 - B4	40.994
B3 - B5	40.987
B4 - B6	40.986
B5 - B7	40.998
B6 - B8	41.007
B7 - B9	40.997
B8 - B10	40.997
B9 - B11	40.971
B10 - B12	41.039
B11 - G3	27.062
B12 - G4	26.995
G3 - PG3	55.013
G4 - PG4	54.903
Diagonals	
G1 - G4	259.058
G2 - G3	259.100
Axe - S1	29.400
S1 - S2	46.986
S2 - S3	47.055
S3 - S4	46.963
S4 - S5	46.988
S5 - S6	47.012

S6 - Axe	29.393
Widths	
Axe - G1	1.284
Axe - G2	1.284
Axe - G3	1.247
Axe - G4	1.247
Axe - S1	11.538
Axe - S2	11.494
Axe - S3	11.504
Axe - S4	11.434
Axe - S5	11.525
Axe - S6	11.493
Average S1 - S6	11.498
Axe - B1	1.167
Axe - B2	1.159
Axe - B3	1.182
Axe - B4	1.191
Axe - B5	1.146
Axe - B6	1.157
Axe - B7	1.180
Axe - B8	1.129
Axe - B9	1.188
Axe - B10	1.174
Axe - B11	1.188
Axe - B12	1.154
Average B1 - B11	1.175
Average B2 - B12	1.161
Axe - PG1	1.190
Axe - PG2	1.131
Axe - PG3	1.168
Axe - PG4	1.174
Gate camera angles	
Axe - Gate cam 1	46.910°
Axe - Gate cam 2	44.382°
Gate cam. positions	Distance
Axe - Gate cam 1	53.771m
Axe - Gate cam 2	71.850m
End course cameras	
Axe - End cam 1	0.091
Axe - End cam 2	



# Waterski Homologation - 24IWWF02.hom - Waterski Jump Course

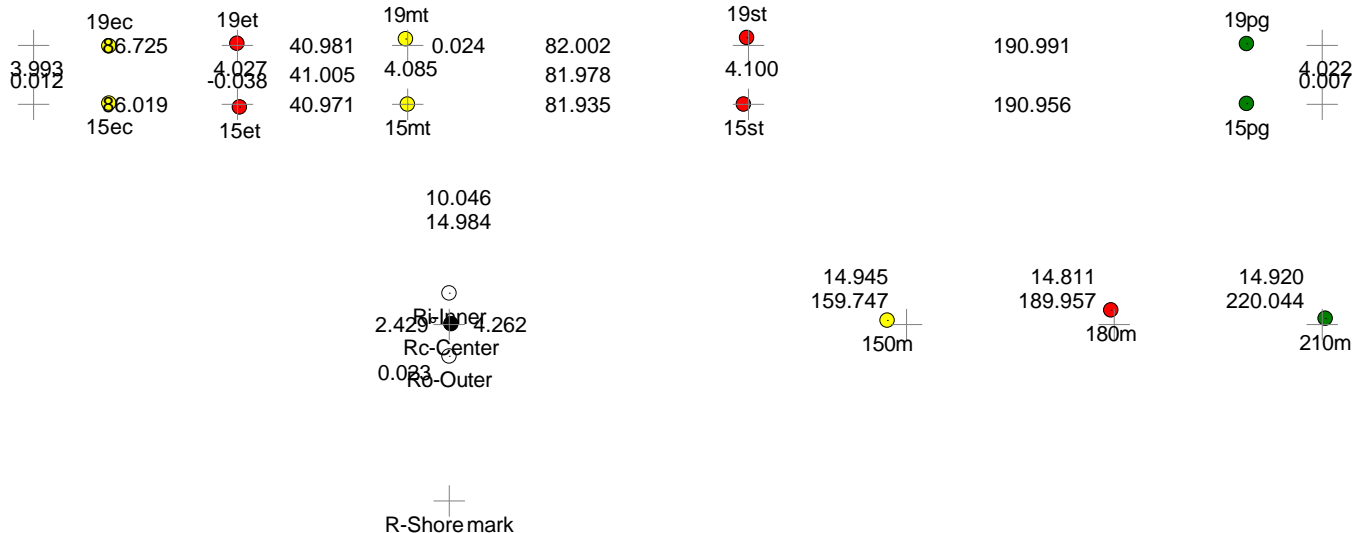
05/08/2024 - 03:40:31 p. m.

Survey date & time 25/07/2024 09:51:00 p. m.  
 Homologation level Ranking List & record  
 Homologation mode GPS coordinates  
 Angle unit Decimal degrees  
 X-Axis: 15st-15mt

	Latitude	Longitude	Asignature (m)
Station 1			
Station 2			
Station 3			
15pg	50.846996310	-113.926037500	984.0000
19pg	50.846974660	-113.925991900	984.0000
210m	50.846866880	-113.926454200	984.0000
180m	50.847083100	-113.926197700	984.0000
150m	50.847301520	-113.925942900	984.0000
15st	50.847781960	-113.925112600	984.0000
19st	50.847759630	-113.925066300	984.0000
15mt	50.848372390	-113.924417400	984.0000
19mt	50.848350620	-113.924370700	984.0000
15et	50.848667830	-113.924070200	984.0000
19et	50.848646240	-113.924023640	984.0000
15ec	50.848992180	-113.923687400	984.0000
19ec	50.848975880	-113.923636100	984.0000
Ro-Outer	50.848391270	-113.924698200	984.0000
Ri-Inner	50.848369700	-113.924648200	984.0000
Rc-Center	50.848380680	-113.924673100	984.0000
R-Shore mark			984.0000

30 / 31	Mesures
Lengthes	
210m - Y-Axis	220.044
180m - Y-Axis	189.957
150m - Y-Axis	159.747
15pg - Y-Axis	190.956
19pg - Y-Axis	190.991
15st - Y-Axis	81.935
19st - Y-Axis	81.978
15et - Y-Axis	40.971
19et - Y-Axis	41.005
15ec - Y-Axis	86.019
19ec - Y-Axis	86.725
19st - 19mt	82.002
19mt - 19et	40.981
19mt - Y-Axis	0.024
Ramp - Y-Axis	10.046
Widths	
210m - X-Axis	14.920

180m - X-Axis	14.811
150m - X-Axis	14.945
15pg - X-Axis	0.007
15et - X-Axis	-0.038
15ec - X-Axis	0.012
19pg - X-Axis	4.022
19st - X-Axis	4.100
19mt - X-Axis	4.085
19et - X-Axis	4.027
19ec - X-Axis	3.993
Average 19st - 19et	4.071 XX
Ramp - X-Axis	14.984
Distances	
Ro-Outer - Ri-Inner	4.262
Ramp - Rc-Center	0.023
Ramp angle	
Ro-Outer - Ri-Inner	2.429°
Ramp - R-Shore mark	



# Waterski Homologation - 24IWWF02.hom - Video Jump Buoys

05/08/2024 - 03:40:31 p. m.

Survey date & time 29/07/2024 11:16:00 a. m.

Homologation mode GPS coordinates  
 Angle unit Decimal degrees  
 X-Axis: 15st-15mt

	Latitude	Longitude	Asignatura (m)
Station 1			
Station 2			
Station 3			
Vi1	50.848441810	-113.924563700	984.0000
Vi2	50.848626390	-113.924348400	984.0000
Vi3	50.848787610	-113.924160500	984.0000
Vi4	50.848939350	-113.923981500	984.0000
Vi5			
Vi6			
Vi7			
Vi8			
Vo1	50.848495060	-113.924669400	984.0000
Vo2			
Vo3			
Vo4			
Vo5			
Vo6			
Vo7			
Vo8			
Cam1			
Cam2			
Cam3			
Ro-Outer	50.848391270	-113.924698200	984.0000
Ri-Inner	50.848369700	-113.924648200	984.0000
Rc-Center	50.848380680	-113.924673100	984.0000
15st	50.847781300	-113.925111600	984.0000
15mt	50.848373410	-113.924417800	984.0000
15et	50.848668840	-113.924070500	984.0000
20m	50.848551050	-113.924604800	984.0000
30m	50.848624000	-113.924518300	984.0000
40m	50.848697990	-113.924434600	984.0000
50m	50.848768910	-113.924351600	984.0000
60m	50.848837810	-113.924269800	984.0000
70m	50.848915110	-113.924180400	984.0000
80m	50.848989380	-113.924092300	984.0000

2 / 2	Dist ramp
Coordinates	
Ramp	0.000
Ramp - Ro-Outer	2.131
Ramp - Ri-Inner	2.131
Ramp - Vi1	10.298
Ramp - Vi2	35.665
Ramp - Vi3	57.931
Ramp - Vi4	78.995
Ramp - Vi5	
Ramp - Vi6	
Ramp - Vi7	
Ramp - Vi8	
Ramp - Vo1	12.751
Ramp - Vo2	
Ramp - Vo3	
Ramp - Vo4	
Ramp - Vo5	

Ramp - Vo6	
Ramp - Vo7	
Ramp - Vo8	
Ramp - 20m	19.580
Ramp - 30m	29.208
Ramp - 40m	39.120
Ramp - 50m	48.794
Ramp - 60m	58.279
Ramp - 70m	68.871
Ramp - 80m	79.145
Ramp - Cam1	
Ramp - Cam2	
Ramp - Cam3	
Distances	
Ramp - Rc-Center	0.023
Ro-Outer - Ri-Inner	4.262
Ramp - 15mt	18.007
Ramp - 15et	53.212

