

Waterski Homologation - LXIII Campeonato Nacional de Esqui Nautico

11/09/2024 14:45:18

International Waterski and Wakeboard Federation
2023 Edition Homologation Dossier - Waterski

Competition name: LXIII Campeonato Nacional de Esqui Nautico
Competition Code: 24COL016
Date: 2024-08-17 2024-09-19
Site Name: Club Serrezuela
Site Code: COL006
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 da Single anchor buoys
- Slalom buoy diameter/height checked (8.07, 25.02) (OK)
- All buoys are clearly visible (8.07, 25.02) 2024-08-10
- 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): OK
 - 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-PaOK)
(Sure-Path/SplashEye/other 25.08) OK
- If RTK-GPS Boat Path Measurement System is used: Sure-Path
 - 1. Verification method used (25.02):
 - i. Self-Check using BPMS (OK) or
 - ii. Comparing to Official Survey (X)
- If video base BPMS used, system verified (25.06, 25.08) (NA)
- Boat camera and video recording (Class R) minimum (NA)
704x480 pixels @ minimum 25fps (PAL) 30fps (NTSC) OK
- If BPMS not used, EC Video Data forwarded to federation or confederation (OK)

Filename (25.02): ()
OK

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) SplashEye
7. Video Trick view/review speed : (100%)
OK

JUMP CHECKLIST

1. Jump Course Type: (Single anchor buoys)
(single anchor/cross line/two-line floating/centreliSingle anchor buoys)
 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) 2024-08-10)
 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/CorsoSplashEye
 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): (VidOK)
(Sure-Path/SplashEye/other) Sure-Path
 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:

Nathaly Perez

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	Nathalie Perez	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	
	Cristian Diaz Dominguez	COL	J1		Yes	Yes	Yes	
Chief Driver	Jaime Jimenez Suarez	COL			Yes	Yes	Yes	
Drivers	Jose Javier Mendivelso	COL			Yes	Yes	Yes	

Waterski Homologation - LXIII Campeonato Nacional de Esqui Nautico.hom - Waterski Jump

11/09/2024 11:45:19

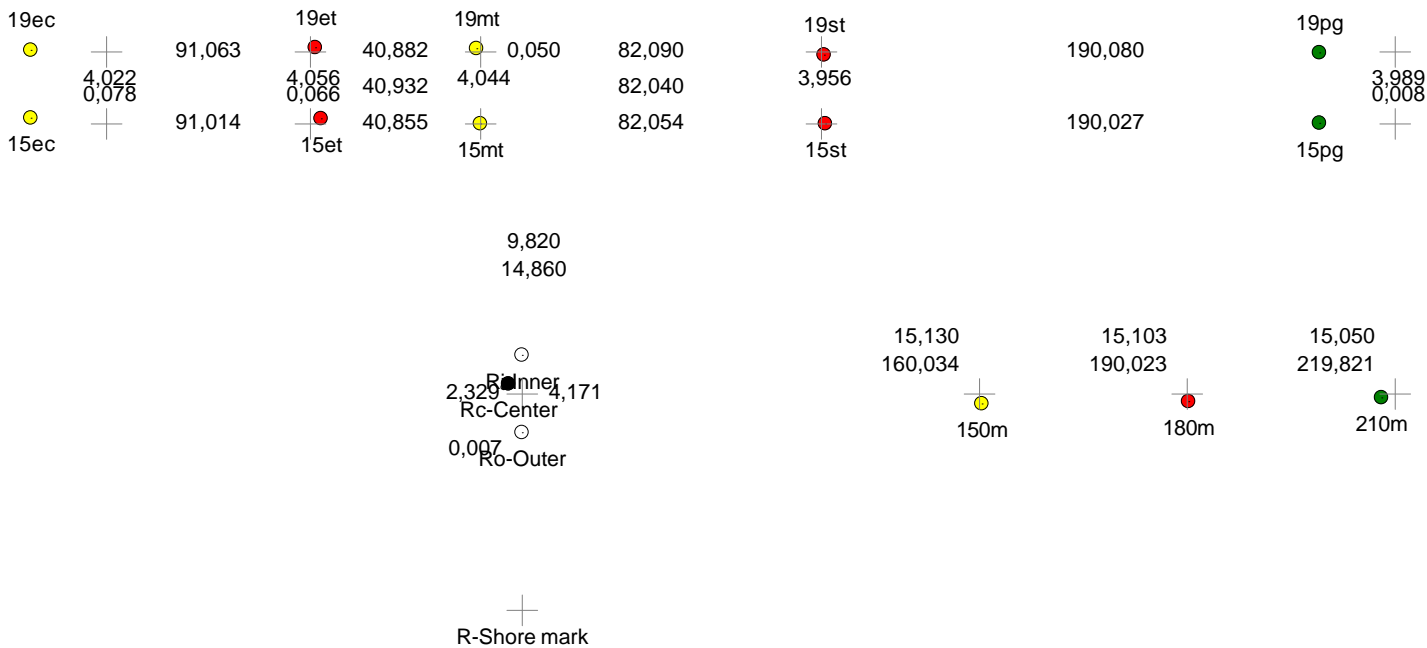
Survey date & time 10/08/2024 11:42:00
 Homologation level Ranking List & record
 Homologation mode X,Y coordinates

X-Axis: 15st-15mt

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
15pg	1155,8600	862,7200	0,2200	0,0500
19pg	1159,0800	865,0600	0,2200	0,0500
210m	1161,2200	829,7700	0,2200	0,0500
180m	1143,6400	853,8300	0,2200	0,0500
150m	1125,9700	878,0600	0,2200	0,0500
15st	1092,3100	950,0100	0,2200	0,0500
19st	1095,5000	952,3500	0,2200	0,0500
15mt	1044,0200	1016,3500	0,2200	0,0500
19mt	1047,2600	1018,7700	0,2200	0,0500
15et	1020,0300	1049,4200	0,2200	0,0500
19et	1023,2100	1051,8300	0,2200	0,0500
15ec	990,5200	1089,9800	0,2200	0,0500
19ec	993,6800	1092,3400	0,2200	0,0500
Ro-Outer	1039,4200	1000,9600		
Ri-Inner	1036,1500	998,3700		
Rc-Center	1037,7800	999,6600		
R-Shore mark				

31 / 31	Mesures
Lengthes	
210m - Y-Axis	219,821
180m - Y-Axis	190,023
150m - Y-Axis	160,034
15pg - Y-Axis	190,027
19pg - Y-Axis	190,080
15st - Y-Axis	82,054
19st - Y-Axis	82,040
15et - Y-Axis	40,855
19et - Y-Axis	40,932
15ec - Y-Axis	91,014
19ec - Y-Axis	91,063
19st - 19mt	82,090
19mt - 19et	40,882
19mt - Y-Axis	0,050
Ramp - Y-Axis	9,820
Widths	
210m - X-Axis	15,050

180m - X-Axis	15,103
150m - X-Axis	15,130
15pg - X-Axis	0,008
15et - X-Axis	0,066
15ec - X-Axis	0,078
19pg - X-Axis	3,989
19st - X-Axis	3,956
19mt - X-Axis	4,044
19et - X-Axis	4,056
19ec - X-Axis	4,022
Average 19st - 19et	4,019
Ramp - X-Axis	14,860
Distances	
Ro-Outer - Ri-Inner	4,171
Ramp - Rc-Center	0,007
Ramp angle	
Ro-Outer - Ri-Inner	2,329°
Ramp - R-Shore mark	



Waterski Homologation - LXIII Campeonato Nacional de Esqui Nautico.hom - Waterski Trick

11/09/2024 11:45:29

Survey date & time 10/08/2024 17:40:00
 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	1014121,4100	1022107,7600	0,2200	0,0500
G3	1013962,5200	1022312,2960	0,2200	0,0500
PG1	1014155,0890	1022064,3150	0,2200	0,0500
PG2	1013928,6640	1022355,7500	0,2200	0,0500

5 / 5	Mesures	Exact	TolMin	TolMax
Lengthes				
G1 - G3	259,000	230,000	180,000	280,000
G1 - PG1	54,970	50,000	40,000	60,000
G3 - PG2	55,086	50,000	40,000	60,000
Widths				
G1 - PG1	0,056	2,000	-4,000	4,000
G3 - PG2	0,079	2,000	-4,000	4,000

0,056



54,970



G1

259,000



G3

55,086



PG2

0,079

Waterski Homologation - LXIII Campeonato Nacional de Esqui Nautico.hom - Video Jump B

11/09/2021 11:45:21

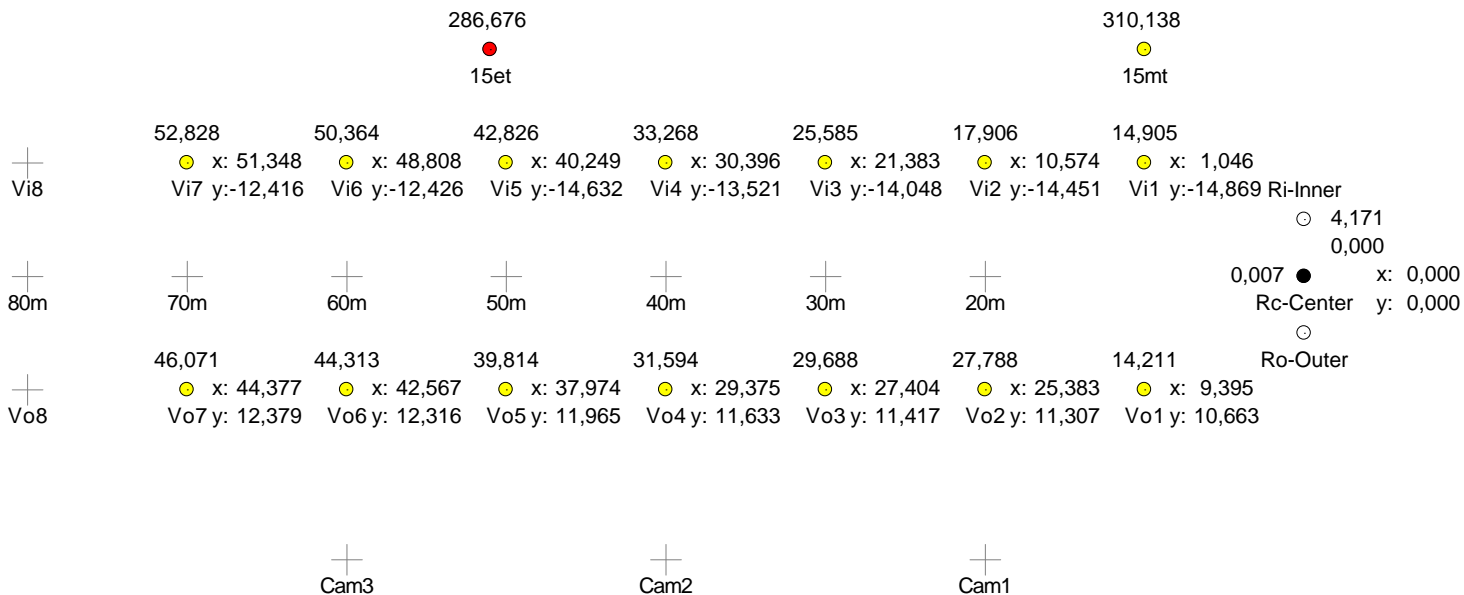
Survey date & time 10/08/2024 17:17:00

Homologation mode X,Y coordinates

X-Axis: 15st-15mt

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
Vi1	749,5900	1008,6100	0,2200	0,0500
Vi2	744,0200	1016,3500	0,2200	0,0500
Vi3	737,7600	1025,1700	0,2200	0,0500
Vi4	732,3800	1032,4200	0,2200	0,0500
Vi5	727,9100	1041,2700	0,2200	0,0500
Vi6	721,4300	1047,3000		
Vi7	720,0300	1049,4200		
Vi8				
Vo1	723,6600	1001,6000	0,2200	0,0500
Vo2	714,3600	1014,6200	0,2200	0,0500
Vo3	713,1600	1016,2500	0,2200	0,0500
Vo4	711,9000	1017,7800	0,2200	0,0500
Vo5	706,9100	1024,7900	0,2200	0,0500
Vo6	704,1000	1028,4400	0,2200	0,0500
Vo7	703,1100	1030,0000		
Vo8				
Cam1				
Cam2				
Cam3				
Ro-Outer	736,1500	998,3700		
Ri-Inner	739,4200	1000,9600		
Rc-Center	737,7800	999,6600		
15st	1092,3100	950,0100	0,2200	0,0500
15mt	1047,2600	1018,7700	0,2200	0,0500
15et	1020,0300	1049,4200	0,2200	0,0500
20m				
30m				
40m				
50m				
60m				
70m				
80m				

2 / 2	Dist ramp	Ramp - Vo6	44,313
Coordinates		Ramp - Vo7	46,071
Ramp	0,000	Ramp - Vo8	
Ramp - Ro-Outer	2,086	Ramp - 20m	
Ramp - Ri-Inner	2,086	Ramp - 30m	
Ramp - Vi1	14,905	Ramp - 40m	
Ramp - Vi2	17,906	Ramp - 50m	
Ramp - Vi3	25,585	Ramp - 60m	
Ramp - Vi4	33,268	Ramp - 70m	
Ramp - Vi5	42,826	Ramp - 80m	
Ramp - Vi6	50,364	Ramp - Cam1	
Ramp - Vi7	52,828	Ramp - Cam2	
Ramp - Vi8		Ramp - Cam3	
Ramp - Vo1	14,211	Distances	
Ramp - Vo2	27,788	Ramp - Rc-Center	0,007
Ramp - Vo3	29,688	Ro-Outer - Ri-Inner	4,171
Ramp - Vo4	31,594	Ramp - 15mt	310,138
Ramp - Vo5	39,814	Ramp - 15et	286,676



Waterski Homologation - LXIII Campeonato Nacional de Esqui Nautico.hom - Waterski Slalom

11/09/2024 11:45:21

Survey date & time 10/08/2024 12:10:00
 Homologation level Ranking List & record
 Homologation mode X,Y coordinates

X-Axis: MG1G2-MG7G8

	X	Y	Ø Buoy	Sight Hght
Station 1				
Station 2				
Station 3				
G1	989,8500	1143,8280	0,2000	0,0500
G2	992,1020	1144,9150	0,2000	0,0500
G3	1025,3800	1070,0500	0,2000	0,0500
G4	1027,6390	1071,1080	0,2000	0,0500
G5	1102,3360	910,6150	0,2000	0,0500
G6	1104,6580	911,7170	0,2000	0,0500
G7	1137,9840	836,7790	0,2000	0,0500
G8	1140,2450	837,7760	0,2000	0,0500
S1	992,2790	1115,1060	0,2000	0,0500
S2	1030,7660	1088,1630	0,2000	0,0500
S3	1027,9090	1041,2750	0,2000	0,0500
S4	1066,4320	1014,3650	0,2000	0,0500
S5	1063,5170	967,3430	0,2000	0,0500
S6	1102,1420	940,4290	0,2000	0,0500
S7	1099,1540	893,5040	0,2000	0,0500
S8	1137,7820	866,5960	0,2000	0,0500
B1	1001,6300	1119,5700	0,2200	0,0500
B2	1003,7460	1120,5750	0,2200	0,0500
B3	1019,4930	1082,6300	0,2200	0,0500
B4	1021,5650	1083,6290	0,2200	0,0500
B5	1037,2660	1045,6600	0,2200	0,0500
B6	1039,3340	1046,7200	0,2200	0,0500
B7	1055,1190	1008,8100	0,2200	0,0500
B8	1057,0930	1009,8080	0,2200	0,0500
B9	1072,9220	971,9000	0,2200	0,0500
B10	1074,8860	972,9440	0,2200	0,0500
B11	1090,7110	934,9750	0,2200	0,0500
B12	1092,7910	935,9140	0,2200	0,0500
B13	1108,4950	897,9930	0,2200	0,0500
B14	1110,6030	899,0500	0,2200	0,0500
B15	1126,2890	861,1400	0,2200	0,0500
B16	1128,3890	862,1640	0,2200	0,0500
Gate cam 1				
Gate cam 2				
Gate cam 3				
Gate cam 4				
End cam 1				
End cam 2				

95 / 95	Mesures
Lengthes	
Axe1 - Axe4	340,957
G1 - G7	340,915
G2 - G8	341,000
Lengthes	
Axe1 - Axe3	258,932
G1 - G5	258,924
G2 - G6	258,940
Axe2 - Axe4	259,055
G3 - G7	259,027
G4 - G8	259,083
Lengthes	
Axe1 - S1	26,925
Axe2 - S3	27,002
S1 - S2	40,989
S2 - S3	40,990
S3 - S4	40,975
S4 - S5	41,085
S5 - S6	41,023
S6 - S7	40,966
S7 - S8	41,019
S6 - Axe3	26,945
S8 - Axe4	26,986
Lengthes	
G1 - B1	26,967
G2 - B2	26,982
G3 - B5	27,132
G4 - B6	27,047
B1 - B3	41,032
B2 - B4	41,019
B3 - B5	41,020
B4 - B6	40,964
B5 - B7	40,947
B6 - B8	40,962
B7 - B9	40,979
B8 - B10	40,933
B9 - B11	40,987
B10 - B12	41,132
B11 - B13	41,036
B12 - B14	40,942
B13 - B15	40,924
B14 - B16	40,950
B11 - G5	26,991
B12 - G6	26,950
B15 - G7	27,023
B16 - G8	27,117
Diagonals	
G1 - G6	258,952
G2 - G5	258,936
G3 - G8	259,124
G4 - G7	259,010
Axe1 - S1	29,294
Axe2 - S3	29,337
S1 - S2	46,981
S2 - S3	46,975
S3 - S4	46,991
S4 - S5	47,112

S5 - S6	47,077
S6 - S7	47,020
S7 - S8	47,076
S6 - Axe3	29,294
S8 - Axe4	29,349
Widths	
Axe1 - G1	1,250
Axe1 - G2	1,250
Axe1 - G3	1,304
Axe1 - G4	1,190
Axe1 - G5	1,262
Axe1 - G6	1,308
Axe1 - G7	1,235
Axe1 - G8	1,235
Axe1 - S1	11,542
Axe1 - S2	11,417
Axe1 - S3	11,528
Axe1 - S4	11,477
Axe1 - S5	11,579
Axe1 - S6	11,517
Axe1 - S7	11,563
Axe1 - S8	11,538
Average S1 - S6	11,510
Average S3 - S8	11,534
Axe1 - B1	1,180
Axe1 - B2	1,163
Axe1 - B3	1,141
Axe1 - B4	1,160
Axe1 - B5	1,195
Axe1 - B6	1,128
Axe1 - B7	1,126
Axe1 - B8	1,085
Axe1 - B9	1,128
Axe1 - B10	1,095
Axe1 - B11	1,149
Axe1 - B12	1,133
Axe1 - B13	1,199
Axe1 - B14	1,159
Axe1 - B15	1,184
Axe1 - B16	1,152
Average B1 - B11	1,153
Average B2 - B12	1,127
Average B5 - B15	1,163
Average B6 - B16	1,125
Gate camera angles	
Axe1 - Gate cam 1	°
Axe2 - Gate cam 2	°
Axe3 - Gate cam 3	°
Axe4 - Gate cam 4	°
Gate cam. positions	Distance
Axe1 - Gate cam 1	m
Axe2 - Gate cam 2	m
Axe3 - Gate cam 3	m
Axe4 - Gate cam 4	m
End course cameras	
Axe1 - End cam 1	
Axe1 - End cam 2	

