

# **FIS Para Alpine Skiing Manual for the Technical Delegate**

November 2025

## Table of Contents

1. Introduction .....	3
2. Competitor Categories.....	3
3. Factor System.....	3
4. FIS Points .....	3
5. Start Specifications and Procedures .....	4
5.1 Rules Specific to Different Sport Classes/Categories .....	4
6. Slope Specifications .....	4
7. Result Management.....	4
7.1 Example of Timing and Technical Data Report.....	5

## 1. Introduction

The purpose of this manual is to provide FIS Para Alpine Skiing specific information for the Technical Delegates. It is an additional resource alongside the Para Alpine Skiing International Competition Rules (ICR) and other resources available under the Para Alpine section of the FIS website - <https://www.fis-ski.com/en/para-snowsports/para-alpine/documents>.

In case you have any questions please contact FIS Para Alpine Skiing team directly via [ParaAlpine@fis-ski.com](mailto:ParaAlpine@fis-ski.com).

## 2. Competitor Categories

Para Alpine Skiing competitions include three (3) categories for each gender: Vision Impaired, Standing and Sitting. Each category consists of additional Sport Classes. Vision impaired Athletes must ski with a guide that is fully licensed Athlete and subject to the ICR.

In order to get classified, the Athlete must attend a classification event organised by FIS. More information about Para Alpine Skiing classification can be found in the FIS Para Alpine Skiing Classification Rules and Regulations that can be found under the Para Alpine section of the FIS website - <https://www.fis-ski.com/en/para-snowsports/para-alpine/documents>.

## 3. Factor System

According to art. 407.3 in the ICR, results in Para Alpine Skiing races are determined by the Factored Time of each competitor. Factored (or Calculated) Time is calculated based on the following formula:

$$FT = N_t * RF$$

- FT – Factored Time truncated to 1/100 of seconds
- $N_t$  – NET time truncated to 1/100 of seconds
- RF – Race Factor of each Sport Class per event (published here)

The calculation of Factored Time is performed directly by the results software used at the FIS sanctioned events.

## 4. FIS Points

Please refer to the FIS Para Alpine Skiing Points Rules available on the FIS website under the Para Alpine section - <https://www.fis-ski.com/en/para-snowsports/para-alpine/documents>.

## 5. Start Specifications and Procedures

Please refer to art. 409 in the ICR and the FIS Para Alpine Skiing Instructional Manual for Start Area available on the FIS website under the Para Alpine - <https://www.fis-ski.com/en/para-snowsports/para-alpine/documents>.

### 5.1 Rules Specific to Different Sport Classes/Categories

Please refer to art. 1300 in the ICR for rules that apply to different sport classes/categories, including the guides and the vision impaired athletes.

## 6. Slope Specifications

Please refer to art. 1500 in the ICR.

## 7. Result Management

The TD Must ensure the following:

- The XML Results are sent to FIS via [results@fis-ski.com](mailto:results@fis-ski.com)
- TD Report is submitted online via FIS Member Section

The following documents need to be verified by the Technical Delegate and sent to FIS via [ParaAlpine@fis-ski.com](mailto:ParaAlpine@fis-ski.com) for upload:

- Timing and Technical Data Report (TTR) – example below under 7.1
- Any Jury Minutes
- PDF Results including Penalty Calculation sent to FIS Office via [ParaAlpine@fis-ski.com](mailto:ParaAlpine@fis-ski.com)
  - The PDF results must be named as follows: 2026PAL0008RL
  - 0008 represents the CODEX of the event

## 7.1 Example of Timing and Technical Data Report

### Timing & Data Technical Report Alpine

To accompany the TD report please transmit immediately only as XML and NOT as PDF or NOT in paper format to FIS.  
One timing report required for each codex.

<b>Location</b>	St. Moritz	<b>Category</b>	Para - Para Events	<b>Season</b>	<b>2017</b>
<b>Nation</b>	SUI	<b>Competition</b>	GS - Giant Slalom Men	<b>Race Codex</b>	<b>1938</b>
<b>Event name</b>	2017 IPC Alpine Skiing WC St. Moritz	<b>Gender</b>			
<b>Race Date</b>	19.12.2016				

	Brand	Model	Serial No	Homologation No
<b>System A Timer (at finish)</b>	ALGE	Timy PXE	120334024	ALG.001T.10
<b>System B Timer (at finish)</b>	ALGE	Timy PXE	120334011	ALG.001T.10
<b>Timer A Start (if used)</b>				
<b>Timer B Start (if used)</b>				
<b>Start Gate</b>	ALGE	STSnM2S	120563010	ALG.S53T.10
<b>Finish Cell A</b>	ALGE	RLS1	120588010	ALG.L65.03
<b>Finish Cell B</b>	ALGE	RLS1	120681098	ALG.L65.03

<b>Result software</b>	<b>Software company</b>	<b>Software version</b>	
	ALGE	5.0.04	

<b>Connection to start</b>	<b>System A</b>	<b>System B</b>	<b>Voice connection</b>
	Cable	Cable	Cable

<b>Power On Time</b>	07:00 <small>At least 30 minutes before Synchronization.</small>					
	<b>1st Run</b>			<b>2nd Run</b>		
<small>Time of day expressed in thousandths.</small>	<b>System A (TOD)</b>	<b>System B (TOD)</b>	<b>Hand</b>	<b>System A (TOD)</b>	<b>System B (TOD)</b>	<b>Hand</b>
<b>Synchronisation time</b>	09:08:00		09:10:00	12:28:00		12:30:00
<b>Sync confirm at +1 minute</b>	09:09:01.891	09:09:01.891		12:28:59.914	12:28:59.914	
<b>Start TOD First Competitor</b>	10:24:52.833	10:24:52.831	<b>Net Time</b>	13:19:48.594	13:19:48.593	<b>Net Time</b>
<b>Finish TOD First</b>	10:26:12.325	10:26:12.068	1:19.49	13:20:53.865	13:20:53.861	1:05.27
<b>Hand Time First Competitor</b>	<b>BIB First</b> 25		1:19.43	<b>BIB First</b> 33		1:05.04
<b>Start TOD Last Competitor</b>	11:21:31.343	11:21:31.348	<b>Net Time</b>	14:08:07.155	14:08:07.156	<b>Net Time</b>
<b>Finish TOD Last</b>	11:22:40.045	11:22:40.049	1:08.70	14:09:19.139	14:09:19.128	1:11.98
<b>Hand Time Last Competitor</b>	<b>BIB Last</b> 85		1:08.74	<b>BIB Last</b> 83		1:11.64
<b>Best Run System A</b>		<b>BIB</b> 41	0:49.26		<b>BIB</b> 36	0:51.28


Were all results from system A? Yes  No

<b>Comments run 1</b>	<b>Comments run 2</b>

We certify that the timing and calculations of this event adhered to the FIS rules. Yes  No

<b>Technical Delegate</b>	<b>Chief of Timing</b>	<b>Timing Company</b>
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