



# TECHNICAL MANUAL

---

## TRIATHLON



# WELCOME MESSAGE

On behalf of the Organizing Committee XIX Pan American Games and VII Parapan American Games Santiago 2023, I have the honor of talking to the whole Pan American family, especially the National Olympic Committees (NOCs), to express our biggest considerations because of the labor they do for sports on the continent.

In this opportunity, it's my pleasure to introduce the Sports technical manual, which will be used during the XIX Pan American Games. Each manual considers the work of the diverse functional areas that are part of the Santiago 2023 Organizing Committee, together with the support of the technical delegates from the different international federations and the experts from Panam Sports, to deliver a product that contributes to the success of the biggest multisport event that will happen in the history of our country.

This document contains relevant information about all the sports and disciplines that will be part of the activities calendar for the XIX Pan American Games. You'll be able to find the competition schedule, format, competition and qualification system, the information about the delegations training, among others. This is the best guide we can share at the Santiago 2023 Games, where we are waiting for you with open arms.

Santiago 2023 is an opportunity to transform and build a better country based on the values we want to promote (passion, perseverance, inclusion, determination, and excellence). Santiago and all Chileans are getting ready to welcome you with the warmth and hospitality that we are known for. We are sure that you will take away the best memories from your stay in our country during the biggest sport festival in the continent, that for the first time will be held in Chile.

We are waiting for you!

**GIANNA CUNAZZA**  
**Chief Executive Officer**  
**XIX Pan American Games and VII Parapan American Games Organizing Committee**

# INDEX

## 1. Introduction

- 1.1 Welcome to Santiago 2023
- 1.2 The city of Santiago
- 1.3 The city as host of sports mega-events
- 1.4 Santiago 2023
- 1.5 Fiu, the official mascot
- 1.6 Key contacts

## 2. Competition

- 2.1 Events and medals
- 2.2 Course description
- 2.3 Competition format
- 2.4 Competition schedule
- 2.5 Training schedule and venue
- 2.6 Qualification system
  - 2.6.1 Quotas
  - 2.6.2 Athletes eligibility
  - 2.6.3 Cali 2021 quotas
  - 2.6.4 Qualification system
  - 2.6.5 Slots confirmation
  - 2.6.6 Reallocation of unused slots
  - 2.6.7 Key dates
- 2.7 Rules, protests and appeals
  - 2.7.1 Rules
  - 2.7.2 Protests
  - 2.7.3 Jury of appeal
  - 2.7.4 Use of brands on sports equipment and clothing
- 2.8 Technical officials
- 2.9 Technical meeting
- 2.10 Doping Control

## 3. Service Guide

# 1. INTRODUCTION

## 1.1 Welcome to Santiago 2023

The Pan American and Parapan American games are a sport party, with a world class organization that allows the athletes from the Americas to reach excellence. The celebration will unfold the natural beauty, dynamism, and multicultural energy of Santiago de Chile.

## 1.2 Santiago as a city

Santiago, the capital city of Chile, was founded 482 years ago, on February 12th, 1541. It is located in the central zone of the country; its landscape is complemented in the background by the Andes Mountain range. With a Mediterranean weather, it rains only in winter and at a height of 570 meters (1870 ft) above sea level, the city offers the ideal conditions for the high-performance athletes.

By 2023, the Santiago metro will have a layout of 149 kilometers (93 mi) in length, with 143 stations that will go through 28 districts. It will be the second largest subway network in Latin America, and it will connect the Pan American Village (Cerrillos station) with the Estadio Nacional within only 12 minutes. Every official venue in Santiago has a connection to a subway station or is a short distance away by bus.

With a population of 6.1 million inhabitants, Santiago is the largest city in Chile and the sixth in South America.

The currency that we use in Chile is the Chilean peso (CLP). You can also use American dollars (USD) and euros (EUR).

Spanish is the de facto and the administrative language of Chile. A 9.9% of the population speaks and understands the languages of the indigenous people, including Mapudungun is spoken by around 100 thousand and 200 thousand people, Aymara by around 20 thousand, Quichua by around eight thousand people and Rapanui by around 3,300 people.

## 1.3 The city as the host of large sports events

Chile has been the host of several sports events and international meetings in the last years. The Dakar Rally, between the editions of 2019 and 2015, together with the 2014 South American Games, are some of the examples that show that the country is ready to receive world class events. That is how the country provides its infrastructure and safety.

To become the host of the XIX Pan American Games and the VII Parapan American Games in 2023 is of utmost importance for the city and a country that seeks to celebrate the sports spirit in the Americas,

and that aims to leave a legacy of social transformation that promotes an active lifestyle and inspires the society and future generations. In Santiago we are getting ready to welcome 7,000 Pan American athletes that come from 41 countries who will compete in 39 sports and 60 disciplines. While the Parapan American Games are awaiting the visit of 1,900 athletes from 33 countries in 17 sports and 18 disciplines.

As previously pointed out, Chile was part of the official tour of the Dakar Rally in seven editions, between 2009 and 2015. On the occasion more than three thousand vehicles competed in national territory.

Santiago, together with five sub-venues, organized the South American Games of 2014. In this competition, 4,300 athletes, together with 3,000 volunteers and 400 thousand spectators participated.

In 2015 the sub-17 football world cup was held in eight cities of the country. 24 delegations that traveled 63,500 kilometers (39,457 miles) participated along Chile. Another football event of continental relevance was the organization of the Americas Cup 2015, over 650 spectators, more than 3,600 media professionals and over 24 thousand accreditations were considered.

In 2017, Santiago was the location of the South American Youth Games (ODESUR). This event gathered 1,200 athletes from 14 countries, who performed in 21 different disciplines in 18 venues within the city.

Our country has experience in large sports events. The rugby junior world cup (2019), the water ski world championship (2013), Polo championship (2015), Junior Field Hockey world Cup (2016), the roller hockey world cup (2016), the Bolivarian beach games (2016), the ITTF world tour (2016), the volleyball South American Championship (2017) and the fencing cadet world championship highlight the enthusiasm Chile has put into the organization and execution of sports events of international relevance.

## 1.4 Santiago 2023

Chile will be the host of the Pan American Games for the first time in its history.

Pan American Games	
Opening ceremony:	October 20th, 2023
Competitions:	October 20th until November 5th, 2023
Closing ceremony:	November 5th, 2023
Place:	Coliseo del Estadio Nacional
Participants:	6,932 athletes

Clusters	Venues	Sports program
6 for competition 1 for training 1 non-sports cluster	42 for competition	39 sports 60 disciplines

## 1.5 Fiu, the official mascot

Fiu is a Seven-colored tanager bird and was chosen to represent Chile in the Pan American and Parapan American games. Fiu is the sound of its song. It lives in the wetlands of Chile along its territory. Even though it's a small bird, it always gives its biggest effort, the same as every athlete who seeks new challenges every day. Its seven colors mean strength, consistency, respect, determination, honesty, fellowship, and passion.

Fiu's colors, apart from the previously mentioned values, represent the diversity of human beings and species: all the races, languages and beliefs from everyone who will participate at Santiago 2023.

Almost 50 thousand people were the ones that gave their preference to choose the official mascot of the games, an impressive record, since it bested the participation at Guadalajara 2011, Toronto 2015 and Lima 2019.

At first, we received several interesting proposals, but from those we chose five mascots to put up for voting: Fiu, Pewü, Chitama, Juanchi and Santi. Every single one of them had great stories behind them, which were available for the citizens to choose during August of 2021 on the website [www.santiago2023.org](http://www.santiago2023.org).

## 1.6 Key contacts

Panamerican Triathlon Confederation President	Líber García	<a href="mailto:liber.garcia@americas.triathlon.org">liber.garcia@americas.triathlon.org</a>
Technical International Delegate	Esteban Benítez	<a href="mailto:esteban@triatlon.com.mx">esteban@triatlon.com.mx</a>
Sport Group Manager	Jorge Mc Farlane	<a href="mailto:jmcfarlane@santiago2023.org">jmcfarlane@santiago2023.org</a>
Sport Manager	Felipe Van de Wyngard	<a href="mailto:fvandewyngard@ext.santiago2023.org">fvandewyngard@ext.santiago2023.org</a>

## 2. COMPETITION

The female and male triathlon competition at the Santiago 2023 XIX Pan American Games will take place on the 2<sup>nd</sup> and 4<sup>th</sup> of November 2023, at Playa El Sol, Avenida San Martín, Viña del Mar, Valparaíso, Chile.

### 2.1 Events and medals

N°	Events	Gold	Silver	Bronze	Total
1	Female Individual	1	1	1	3
2	Male Individual	1	1	1	3
3	Mixed Relay	1	1	1	3
	<b>Total</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>9</b>

Gold, Silver and Bronze medals will be given for all the events of the triathlon competition of the Santiago 2023 XIX Pan American Games.

### 2.2 Course description

#### Swimming

The starting point is located on the shore of El Sol beach and the course is one lap 1,500 m counterclockwise.

#### Cycling

The course consists of 6 laps of 6.5 km through the following roads of the city and places of interest:

1. Start from the transition area southbound on Avenida San Martín and Avenida Marina.
2. Flower clock of Viña del Mar.
3. Bajada Britania and Castillo del Mar.
4. Cerro Castillo Presidential Palace.
5. Turn around on Avenida Benidorm and Avenida Jorge Montt.

The course is mostly flat, with exception of the segment of Cerro Castillo, which has a 1 km long climb of 4.7% average grade, and a fast and technical descent.

#### Running

The course consists of four laps of 2.5 km and is completely flat. It starts from the transition area southbound on Avenida San Martín and then on Avenida Perú. The southern turn around is before Calle 6 Norte and the northern turn around is located before Avenida Benidorm.



Race course, Female and Male Individual events.



Race course, Mixed Relay event.



## 2.3 Competition format

Triathlon events will be held according to the World Triathlon competition rules. There will be 72 athletes competing, distributed on female (36) and male (36) individual events, and Mixed Relay event. The participants must swim 1,500 meters, ride a bicycle 40 kilometers and run 10 kilometers.

The Mixed Relay will consist of teams of four athletes, two male and two female, where each athlete must swim 300 meters, ride a bicycle 6 kilometers and run 1.5 kilometers, according to World Triathlon rules.

Female and male individual events earn points for the World Triathlon Paris 2024 Olympic Qualification Ranking.

## 2.4 Competition Schedule

Date	Sessions	Time	Event	Gender	Stage
Nov 2 <sup>nd</sup>	S1 10:00 - 15:55	10:00 - 12:00	Individual	Female	Final
		13:00 - 15:00	Individual	Male	Final
		15:30 - 15:40	Female Medal ceremony		
		15:45 - 15:55	Male Medal ceremony		
Nov 4 <sup>th</sup>	S1 10:00 - 12:10	10:00 - 11:45	Relay	Mixed	Final
		12:00 - 12:10	Medal ceremony		

## 2.5 Training schedule and venue

Athletes will be able to access Colegio Alemán de Valparaíso training venue located in Calle Álvarez 2950, Viña del Mar, four days before the start of the competition.

Sport facility	Availability
Swimming pool	October 29 <sup>th</sup> , 9:00 AM to 1:00 PM
Running track	November 1 <sup>st</sup> , 8:00 AM to 11:30 AM

### Additional/complementary activities

Date	Time	Activity
Oct 30 <sup>th</sup>	10:00 – 13:00	Bikes check-in
	10:00 – 11:00	Bike familiarization
	11:00 – 12:00	Swim familiarization
Oct 31 <sup>st</sup>	10:00 – 14:00	Bikes and competition equipment check
	10:00 – 11:00	Bike familiarization
	11:00 – 12:00	Swim familiarization
Nov 1 <sup>st</sup>	12:30 – 14:00	Final bikes and competition equipment check

Nov 3 <sup>rd</sup>	10:00 – 13:00	Final bikes and competition equipment check
	10:00 – 10:30	Mixed Relay bike familiarization
	11:00 – 12:00	Mixed Relay swim familiarization

## 2.6 Qualification system

### 2.6.1 Quotas

The quota for triathlon is 72 athletes.

Quota	Qualification	Host NOC	Cali 2021	Total
Male	33	2	1	36
Female	33	2	1	36
<b>TOTAL</b>	<b>66</b>	<b>4</b>	<b>2</b>	<b>72</b>

NOC maximum quota	
Male	2
Female	2
<b>TOTAL</b>	<b>4*</b>

\*A maximum of 5 countries will be able to participate with 3 men, except for Brazil that will be able to participate with a maximum of 4 men.

\*A maximum of 5 countries will be able to participate with 3 women, except for Mexico that will be able to participate with a maximum of 4 women.

### 2.6.2 Athlete eligibility

The athletes must have signed and submitted the Athlete Eligibility Conditions Form.

### 2.6.3 Cali 2021 quotas

The following athletes were the gold medalists in the individual events, who qualified directly at the Cali 2021 Junior Pan American Games to the Santiago 2023 Pan American Games:

QUALIFIED ATHLETES TO SANTIAGO 2023		
Event	Athlete	Quota
Individual	Miguel Lopes Hidalgo – BRA	1 – M
	Anahí Álvarez Corral – MEX	1 – F
<b>TOTAL</b>	<b>1 man</b>	<b>2 athletes</b>

1 woman
---------

If the athletes who qualified at the Cali 2021 Junior Pan American Games do not wish to participate in the Santiago 2023 Pan American Games in the category they qualified for, said place will be forfeited and cannot be transferred to another NOC or athlete.

The athletes who qualified at the Cali 2021 Junior Pan American Games will not be able to obtain another slot for their NOC.

## 2.6.4 Qualification system

The places obtained are for the country, not for the athlete, except for the quotas granted at the Cali 2021 Junior Pan American Games, which are for the athletes mentioned in the previous section.

An athlete cannot qualify for more than a one quota per country.

DATE	EVENT	QUALIFIED
November 26 <sup>th</sup> , 2021	Cali 2021 Junior Pan American Games	Quota 1: Gold medal, Individual
October 1 <sup>st</sup> to 15 <sup>th</sup> , 2022	Asunción 2022 South American Games	Quota 2-3: Gold medal, Mixed Relay
June 18 <sup>th</sup> , 2023	2023 Mixed Relay Pan American Championship	Quotas 4-13: Top 5 countries*
June 23 <sup>rd</sup> to July 8 <sup>th</sup> , 2023	2023 Central American and Caribbean Games	Quotas 14-15: Gold medal, Mixed Relay **
July 10 <sup>th</sup> , 2023	World Triathlon Ranking	Quotas 16-31***
July 15 <sup>th</sup> , 2023	By invitations assigned by PATCO	Quotas 32-34
	Host country (CHI)	Quotas 35-36****

\*In case that of one or more teams placed among the top five are already qualified, their places will be assigned to the next country in this same event.

\*\*In case the winning team is already qualified, its place will be assigned to the first country that has not qualified athletes yet according to the two criteria described above.

\*\*\* The NOCs of the first 16 athletes of the World Triathlon Ranking will qualify one athlete each, considering the following:

1. The two top athletes from countries qualified according to any of the criteria described above will not be considered.
2. Once a NOC has three qualified athletes, no additional athlete will be considered.
3. Once five NOCs have reached the maximum of three athletes, the limit for the rest of the NOCs will be two athletes.

\*\*\*\* In case Chile obtains one or two quotas according to any of the criteria described above, the remaining quotas will be added to the individual ranking of World Triathlon.

## 2.6.5 Confirmation of quota places

PATCO will confirm to Panam Sports and the NOCs the places that have qualified no later than July 11<sup>th</sup>, 2023.

The NOCs will confirm to Panam Sports and PATCO they will use no later than July 14<sup>th</sup>, 2023.

## 2.6.6 Reallocation of unused quotas places

If necessary, no later than July 15<sup>th</sup> PATCO will reallocate the unused quota places to the next NOC best positioned NOC that still has not qualified yet.

The NOCs that receive reallocated quotas must confirm their acceptance no later than July 18<sup>th</sup>, 2023.

## 2.6.7 Key dates

SCHEDULE	
Event	Key Date
November 26th, 2021	I Cali 2021 Junior Pan American Games
October 1 <sup>st</sup> to 15 <sup>th</sup> , 2022	Asunción 2022 South American Games
June 18 <sup>th</sup> , 2023	2023 Mixed Relay Pan American Championship
June 23 <sup>rd</sup> to July 8 <sup>th</sup> , 2023	2023 Central American and Caribbean Games
July 10 <sup>th</sup> , 2023	Individual Ranking – World Triathlon Ranking
July 11 <sup>th</sup> , 2023	PATCO will confirm to Panam Sports and the NOCs the places they have qualified
July 14 <sup>th</sup> , 2023	The NOCs will confirm to Panam Sports and PATCO the places they will use
July 15 <sup>th</sup> , 2023	Reallocation of unused quota places
July 18 <sup>th</sup> , 2023	The NOCs that received reallocated quotas must confirm their participation
July 20 <sup>th</sup> , 2023	Entry by number deadline
September 29 <sup>th</sup> , 2023	Entry by name deadline

## 2.7 Rules, protests and appeals

### 2.7.1 Rules

The rules for the triathlon competition at Santiago 2023 must comply with the following documents that will be valid during the Games:

- World Triathlon Competition Rules available at [triathlon.org](http://triathlon.org).
- Uniform Rules available at [triathlon.org](http://triathlon.org).
- Panam Sports Regulations.

### 2.7.2 Protests

Protests will be made according to World Triathlon Competition Rules.

### 2.7.3 Jury of appeals

The technical officials and the members of the jury will be named according to the rules and regulations of World Triathlon and Panam Sports.

### 2.7.4 Use of brands on sports equipment and clothing

The competition and non-competition uniforms, and sport equipment for the Santiago 2023 Pan American Games must comply with the “Panam Sports Games Uniform and Sport Equipment Guidelines”, which follows the requirements of the International Federations of each sport.

The document and manuals for the proper use of brands can be found here:

- On the following link  
<https://drive.google.com/drive/folders/1rIDSQVW0WUFegifZe7Nmuwb6vOmn-Pul>

It's also available at the Extranet.

The key dates for the revision and approval process of uniforms design are the following:

2022

August 17 <sup>th</sup>	<b>Guidelines uploaded to the Extranet</b> by Santiago 2023
August 17 <sup>th</sup> to 20 <sup>th</sup>	<b>Guidelines distributed to the NOCs and the Chiefs of Mission</b> by Panam Sports with a link to the Extranet. <b>Specific sports sections distributed</b> to the Federations by Panam Sports.
August 16 <sup>th</sup> to December 15 <sup>th</sup>	<b>The NOCs will send uniform proposals</b> to Panam Sports for their approval.
December 15 <sup>th</sup>	<b>Deadline for approvals</b> from Panam Sports.
<b>2023</b>	
January - April	<b>Pending approvals by Panam Sports:</b> Approvals must be made with a minimum of 6 weeks before the clothing production or equipment purchase.
October 18 <sup>th</sup> to November 3 <sup>rd</sup>	<b>Final verification:</b> Meetings with the Technical Commission in Santiago for review and approval of uniforms before competition.

## 2.8 Technical officials

For the XIX Pan American Games, the technical officials (TO) will include the following international technical officials (ITO) and national technical officials (NTO):

Judging structure	ITO	NTO
International Technical Delegate	1	
Competition Referee	1	
Chief Race Official	1	
Chief Registration	1	
Assistant Registration	2	1
Chief Lap Auditor	1	
Assistant Lap Auditor	1	
Chief Swim	1	
Assistant Swim	1	1
Chief Bike	1	
Assistant Bike	1	2
Chief Vehicular	1	
Chief Run Official	1	
Assistant Run	1	
Chief Transition	1	
Assistant Transition	1	3

Venue Control Center	1	
Chief Finish	1	
Assistant Finish	1	1
Medical Delegate	1	
Chief Technology	1	
Chief Wheel Station		1
Assistant Wheel Station	1	
Chief Penalty Box		1
Assistant Penalty Box	1	
Chief Protocol	1	
<b>Total</b>	<b>25</b>	<b>10</b>

## 2.9 Technical meeting

The technical meetings for the individual and Mixed Relay events will take place at the designated hotel, where registered athletes and up to two representatives of each NOC will be able to participate in the following dates:

Technical meeting per event	Date	Time
Individual	October 31 <sup>st</sup>	6:00 – 7:00 PM
Mixed Relay	November 3 <sup>rd</sup>	6:00 – 7:00 PM

## 2.10 Doping control

Controls will be made according to the Panam Sports Medical Committee regulations, fully complying with standards and procedures of the World Anti-Doping Agency (WADA), in coordination with the Chilean Doping Control Committee-Comisión Nacional de Control de Dopaje de Chile (CNCD).

## 3. SERVICE GUIDE



**Santiago**  
**2023**  
Pan American Games

