

# **TECHNICAL HANDBOOK**

## **SKI JUMPING**

**JANUARY 2017** 







Dear Participants,

On behalf of the International University Sports Federation, it is both a pleasure and an honour for me to welcome you to the 28th Winter Universiade from 29 January to 8 February, 2017 in Almaty, Kazakhstan.

The technical handbooks probably belong to some of the most useful documents during the entire period of the Universiade. That is why so much effort is put into their preparation. Those manuals are always reflecting the amount of work that has been done to prepare such

multi-sport events. The investments in terms of infrastructure and sport facilities are just amazing and we all hope that you will enjoy the remarkable competition conditions that Kazakhstan and the city of Almaty created for all participants.

We therefore would like to thank all parties that worked in very close co-operation with the Organising Committee of the Almaty Winter Universiade and the Student Sports Federation of the Republic of Kazakhstan.

I would like to underline the efforts made throughout the last month by the Technical Delegates of the FISU International Technical Committee for the Winter Universiade. They have worked continuously in close co-operation with the competition managers of the Organising Committee and the International Sports Federations to allow the students to compete in the best possible conditions in a country, which will be showing the magic of winter sports to the world.

We look forward to your participation and we are sure that you will find in this manual all the necessary information that will help you to participate in the competitions in a smooth and proper manner.

Together with the entire FISU Family, I wish you all the best for a most successful 28th Winter Universiade.

Oleg Matytsin, FISU President





Dear Friends,

It is a pleasure and honour for Almaty to host the  $28^{\text{th}}$  Winter Universiade 2017, which has been one of the largest and prestigious multi-sporting event in the world for more than a half a century. We are pleased to extend a warm welcome to the representatives of all the countries or regions participating in the  $28^{\text{th}}$  Winter Universiade.

It is the first time for Almaty to host the Winter Universiade and we will make everything possible to hold the competitions at the highest level.

The 28<sup>th</sup> Winter Universiade is the large image project for Almaty, and for our multinational country. As you know, our country has a successful experience in organizing international projects, forums, and we ensure making our best to hold this Winter Games.

We would like to highlight the efforts of the International University Sports Federation (FISU) to promote sports values and encourage sports practice in harmony with university spirit. The slogan of the Universiade is "Spread your wings!" It is hoped that it will encourage the youth participating in the competitions to succeed. We are in favour of promoting sports values, along with encouraging friendship, fraternity, fair-play and cooperation between students who will one day have responsibility and even hold key positions in politics, economics, industry and culture.

We are ready to welcome our quests and participants of the 28<sup>th</sup> Winter Universiade. Three new venues were built for this big event, which are the Athletes' Village for 5,000 people, Almaty Arena with 12,000 seats, and Halyk Arena with a 3,000 seating capacity.

As the successor to the Asian Games Universiade inherited the sports facilities with modern equipment, developed infrastructure and updated cultural centers.

In 2011, Almaty hosted the 7<sup>th</sup> Asian Winter Games. For this event, the "Sunkar" International Ski-Jumping Complex and the "Alatau" Cross-Country Skiing and Biathlon Stadium were built. Furthermore, the "Medeu" High-Mountain Ice Rink, the "Shymbulak" Ski Resort, and the "Baluan Sholak" Sports Palace were modernized. All these venues are essential elements of the sports infrastructure of Kazakhstan.

We would like to assure that your stay in Almaty will be comfortable and exciting, your expectations will be met and you will come home enriched, with new experience and friendships.

We sincerely believe that the 28<sup>th</sup> Winter Universiade which became popular around the world will unite a set of the countries on this sport event. The cultural content, the scope and the level of organization of the event will allow you to immerse in the rich history, national traditions, and enjoy the special flavor of our country.

### Imangali Tasmagambetov, OC President



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## **ABBREVIATIONS**

ADAMS	Anti-doping Administration and Management System
AV	Athletes' Village
CIC	FISU International Control Committee
CMI	FISU International Medical Committee
СТ	Technical Committee of FISU
CTI-UH	International Technical Committee for the Winter Universiade
EC	Executive Committee of FISU
FIS	International Ski Federation
FISU	International University Sports Federation
GTM	General Technical Meeting
HOD	Head of Delegation
ISF	International Sports Federation
ITO	International Technical Officials
KazNADC	Kazakhstan National Anti-Doping Centre
NSF	National Sport Federation
NTO	National Technical Officials
NUSF	National University Sports Federation
ОС	Organising Committee of the Winter Universiade
SIC	Sport Information Centre
SID	Sport Information Desk
TD	Technical Delegate
ТО	Technical Officials
TUE	Therapeutic Use Exemption
WADA	World Anti-Doping Agency
WU	Winter Universiade
WUAOC	Winter Universiade Almaty Organising Committee



## 1. INTERNATIONAL AND NATIONAL SPORTS FEDERATIONS

## **INTERNATIONAL UNIVERSITY SPORTS FEDERATION (FISU)**

President	Mr. Oleg MATYTSIN (RUS)
Secretary General / CEO	Mr. Eric SAINTROND (BEL)
Address	Maison du Sport International, Avenue de Rhodanie 54, CH-1007 Lausanne, Switzerland
Phone	+41 (0) 21 613 0810
Fax	+41 (0) 21 601 5612
E-mail	fisu@fisu.net
Website	www.fisu.net

## **INTERNATIONAL SKI FEDERATION (FIS)**

President	Mr. Gian FRANCO KASPER (SUI)
Secretary General / CEO	Ms. Sarah LEWIS (GBR)
Address	Marc Hodler House, Blochstrasse 2, 3653 Oberhofen/ Thunersee,Switzerland
Phone	+41 (0)33 244 6161
Fax	+41 (0)33 244 6171
E-mail	mail@fisski.com
Website	www.fis-ski.com

## STUDENT SPORTS FEDERATION OF THE REPUBLIC OF KAZAKHSTAN

President	Mr. Kayrat ZAKIRYANOV (KAZ)
Secretary General / CEO	Mr. Zhasnur AKEDILOV (KAZ)
Address	Abay ave. 83/105, 050022 Almaty, Kazakhstan
Phone	+7 (727) 292 10 90
Fax	+7 (727) 239 06 51
E-mail	nssf.kaz@mail.ru
Website	www.fnsu.kz

#### **KAZAKHSTAN SKI ASSOCIATION**

President	Mr. Daulet YERGOZHIN (KAZ)
1st Vice President	Mr. Zhenis KASSYMBEK (KAZ)
Secretary General	Mr. Askar VALIYEV (KAZ)
Address	Al-Farabi street 128/8, "Sunkar" International Ski Jumping Complex, 2 <sup>nd</sup> floor, 050044 Almaty, Kazakhstan
Phone	+7 (727) 396 92 35
Fax	+7 (727) 396 92 22
E-mail	skikz@hotmail.com
Website	www.skisport.kz

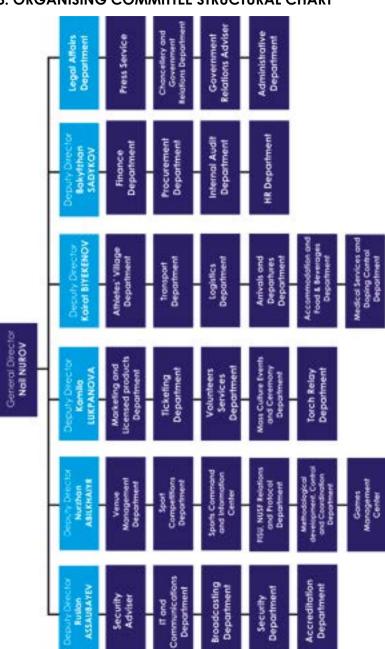


# 2. FISU INTERNATIONAL TECHNICAL COMMITTEE FOR THE WINTER UNIVERSIADE (CTI-UH)

POSITION	FIRST NAME	LAST NAME	COUNTRY
FISU CTI-UH Chair	Roger	ROTH	SUI
FISU CTI-UH Vice Chair	Robert	PHILIP	CAN
FISU Technical Delegate Alpine Skiing	Matjaz	KRANJC	SLO
FISU Technical Delegate Biathlon	Ondrej	RYBAR	CZE
FISU Technical Delegate Cross-Country Skiing	Zofia Stefania	KIELPINSKA	POL
FISU Technical Delegate Curling	Jeanette	JOHNSTON	GBR
FISU Technical Delegate Figure Skating	Marie	LUNDMARK	FIN
FISU Technical Delegate Freestyle Skiing	Magnus	FERRY	SWE
FISU Technical Delegate Ice Hockey	Reto	BERTOLOTTI	SUI
FISU Technical Delegate Ice Hockey	Jarmo	JALARVO	FIN
FISU Technical Delegate Nordic Combined	Karl	LUSTENBERGER	SUI
FISU Technical Delegate Short Track Speed Skating	Nam-Hwan	PARK	KOR
FISU Technical Delegate Ski Jumping	Paul	GANZENHUBER	AUT
FISU Technical Delegate Snowboard	Ola	SUNDEKVIST	SWE
FISU Technical Delegate Speed Skating	Sergio	ANESI	ITA



## 3. ORGANISING COMMITTEE STRUCTURAL CHART





## 4. GENERAL INFORMATION

## 4.1. 28TH WINTER UNIVERSIADE ALMATY

Date:	29 January – 8 February 2017
Location:	Almaty, Republic of Kazakhstan
Sports Programme:	12 Sports (8 Compulsory / 4 Optional) with 86 events
Venues	9 Training and Competition venues

#### 4.2. 28TH WINTER UNIVERSIADE 2017 COMPETITION SCHEDULE

Please refer to Appendix 7.1

## 4.3. OPENING AND CLOSING CEREMONIES 4.3.1. OPENING CEREMONY

Date:	January 29, 2017
Location:	Almaty Arena
Time:	19:00 to 21:40

## 4.3.2. CLOSING CEREMONY

Date:	February 8, 2017
Location:	Almaty Arena
Time:	19:00 to 21:40



## 5. COMPETITION INFORMATION

## **5.1. TECHNICAL COMMITTEE**

FISU Technical Delegate	Paul GANZENHUBER (AUT)
FIS Technical Delegate	Jan JELENSKY (SVK)
FIS Technical Delegate Assistant	Franck SALVI (FRA)
Competition Manager	Andrey VERVEIKIN (KAZ)
Additional Experts	To be nominated at the 1 <sup>st</sup> General Technical Meeting, if needed

## **5.2. INTERNATIONAL TECHNICAL OFFICIALS**

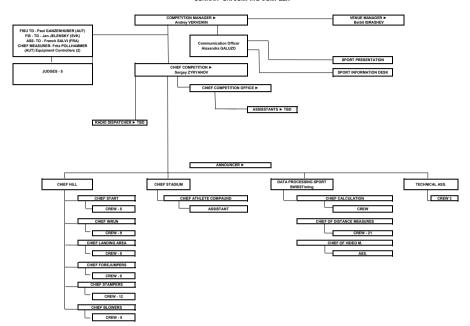
FIS Equipment Controller M	Ueli FORRER (SUI)
FIS Equipment Controller W	Nadezhda BOHZKO (RUS)
Chief Distance Measurer	Franz RAPPENGLÜCK (GER)
Judge	Nikolay KOROBOV (KAZ)
Judge	Marion VETTORI (AUT)
Judge	Danes RAICH (CZE)
Judge	Erik STAHLHUT (GER)
Judge	Satoh MITSUGU (JPN)



## **5.3. SKI JUMPING STRUCTURAL CHART**

#### STRUCTURAL CHART SKI JUMPING

"SUNKAR" SKI JUMPING COMPLEX





#### **5.4. TECHNICAL REGULATIONS**

The events will be organised in accordance with the most recent technical regulations of the International Ski Federation (FIS), except when specifically amended with the WU 2017 Regulations.

The programme includes the following events:

Men	Women		
Individual Normal Hill (NH)	Individual Normal Hill (NH)		
Team Normal Hill	Team Normal Hill		
Mixed Relay competition: 1 W + 1 M (Max. two (2) relays per nation)			

#### Each country may enter:

Men:	Eight (8) competitors, of whom only six (6) may take part in the individual events and four (4) in the relay.
Women:	Eight (8) competitors, of whom only six (6) may take part in the individual events and three (3) in the relay.
Mixed team sprint competition:	Each country may enter a maximum of two (2) teams. Each team consists of 2 athletes (one (1) woman - one (1) man), who alternately ski 3 rounds each.

#### Each country may enter:

Individual events: eight (8) competitors, of whom only six (6) may take part Team event men: three (3) competitors per team. One (1) team per nation Team event women: two (2) competitors per team. One (1) team per nation Mixed Relay: one (1) men and one (1) women. Two (2) relays per nation.

At the first General Technical Meeting, the Head of Delegation or his/her representative shall confirm and sign the official list of competitors. Only competitors with an active FIS code are allowed to participate in each ski jumping and Nordic Combined event. Entries are controlled by the Organiser and the FIS Technical Delegate. Only accredited athletes can be considered for the draw of a starting list.

#### 5.4.1. JURY COMPOSITION

For the Winter Universidae the competition management will consist of the following members accordingly to the FIS ICR Rule 402.2.3:

- Technical Delegate, (TD) (who is the chair, appointed by FIS)
- Chief of Competition
- Assistant of the TD (appointed by FIS)
- FISU Race Director (appointed by FISU) FISU Technical Delegate



#### **5.4.2. PROTEST AND APPEAL**

Each Head of Delegation or his/her deputy is authorised to lodge an appeal against the decision of the Jury. This appeal must be submitted in writing to the Jury of Appeal or competent authority in accordance with the FIS regulations. According to FIS ICR 442.4 The Jury must consider protests if they are made within the allowable time limit and a sum of CHF 100. – has been deposited with the competition secretary.

Any sport disciplinary situation, which cannot be satisfactorily resolved by the sports technical committees and the sport-specific disciplinary regulations, will be reported to the FISU Disciplinary Committee for further action to be taken. Where appropriate, a report will also be sent to FIS.

### 5.5. COMPETITION FORMAT 5.5.1. INDIVIDUAL NORMAL HILL

- 2 rounds
- Individual
- 1 training round
- For the second competitive round (final), only the top 30 of the first competition round are qualified (plus jumpers tied at the last qualified place).
- They start with the same start number but in reverse order of the collective points score from the first competitive round.

#### **5.5.2. TEAM NORMAL HILL MEN**

- 2 rounds
- 3 members for team
- 1 training round
- Start order for the first round: 3 groups, with one jumper from each team entered per group
- In the second round, only the leading eight (8) nations from the first round are entitled to start.
- They start with the same start number but in reverse order of the collective points score from the first competitive round.

#### **5.5.3. TEAM NORMAL HILL WOMEN**

- 2 rounds
- 2 members for team
- 1 training round
- Start order for the two rounds: 2 groups, with one jumper from each team entered per group



#### 5.5.4. MIXED RELAY COMPETITION

- 2 rounds
- 1M + 1W for team
- 1 training round
- Start order for the first round 2 groups with all men in the first group and all women in the second group.
- All teams are entitled to start in Final round
- They start with the same start number but in reverse order of the collective points score from the first competitive round.

#### 5.6. COMPETITION AND TRAINING VENUE INFORMATION

OC Venue Manager	Beibut IBRASHEV
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Venue	Function	Location	Distance to AV
«Sunkan» International Ski Jumping Complex	Training/ Competition	Almaty, Al-Farabi street, 128/8 43.213395 76.934373	16.1km/25min

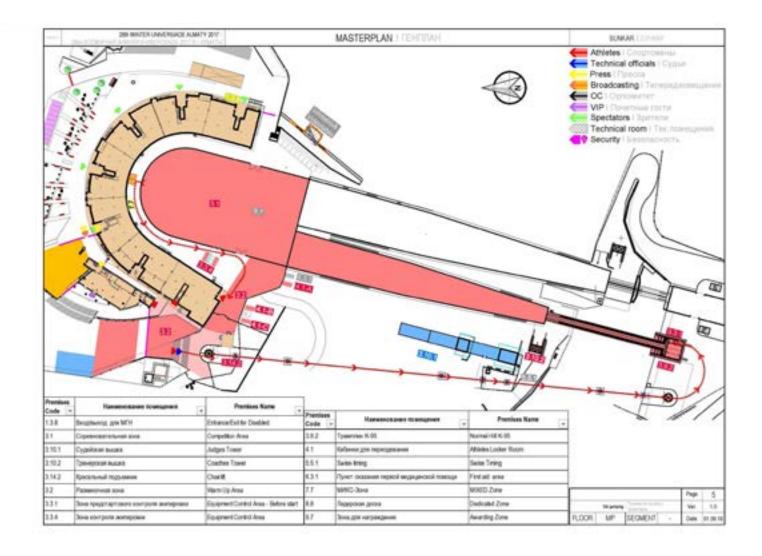
The venue is located in Almaty city (altitude 1.000 metres), west from the river Esentai, above Al-Farabi Avenue. The facility includes two competition-jumping hills (K-125 and K-95), plus three training jumping hills (K-20, K-40, K-60). In addition, the Ski Jumping Complex also includes a facility for athletes, VIP, media, sponsors, and the public. The lighting system allows organising night event for TV transmissions. During the WU, a permanent building will accommodate: offices and meeting rooms, administrative and safety personnel offices, refreshments, press offices and photo-labs.

#### 5.6.1. SKI JUMPING HILL TECHNICAL DATA

Event	Length	Start	Finish	Vertical Drop
Ski Jumping Hill K-95	HS 106	1040 m	900 m	140 m



## **GENERAL LAYOUT**





#### 5.7. SKI JUMPING COMPETITION SCHEDULE

Date	Day	Time	Event	Venue	
Feb. 1 Wed		17:00 - 18:00	K95 Individual Women	«Sunkan» International Ski	
		19:30 - 21:00	K95 Individual Men	Jumping Complex	
Feb. 2	Thu	Reserve day			
Feb. 4	Sat	18:00 - 19:00	K 95 Mixed Relay	«Sunkar»	
Fab F	Feb. 5 Sun	16:30 - 17:10	K 95 Team W	International Ski	
reb. 5		19:00 - 20:00	K 95 Team M	Jumping Complex	
Feb. 6	Mon	Reserve day			

#### Reserve Day:

The Organising Committee will do its best to hold all competitions in the scheduled days. However under exceptional weather conditions the competitions may have to be reported to the next day.

## 5.8. TRAINING SCHEDULE 5.8.1. OFFICIAL TRAININGS

Date	Day	Time	Event	Venue
Jan. 30	Mon	17:00 – 18:00	K95 Women	
Jun. 50	MON	18:30 – 20:00	K95 Men	
Jan. 31	Tue	17:00 – 18:00	K95 Women	
Juli. 31	106	18:30 – 20:00	K95 Men	
Feb. 1	Wed	16:00 - 17:00	Trial K95 Individual W	«Sunkan»
reb. i	wed	18:30 - 19:30	Trial K95 Individual Men	International Ski Jumping
Feb. 3	Fri	17:00 – 18:00	Team W Mixed Relay	Complex
reb. s	П	18:00 – 19:30	Team M Mixed Relay	
Feb. 4	Sat	17:00 - 18:00	Trial Mixed Relay	
Feb. 5	Sun	16:00 - 16:30	K 95 Team W Trial	
reb. 3	3011	18:00 - 19:30	K 95 Team M Trial	



#### 5.9. TECHNICAL MEETINGS

Date	Day	Time	Meeting	Venue
Jan. 29	Sat	15:00 – 15:30	Team Captains Meeting W(GTM)	
JUI1. 27	Sui	15:30 – 16:00	Team Captains Meeting M (GTM)	
Jan. 31	Tue	15:00 – 15:30	Team Captains Meeting W	«Sunkan»
Juli. 31	100	15:30 – 16:00	Team Captains Meeting M	International
Fob 2	Thu	15:00 – 15:30	Team Captains Meeting W	Ski Jumping Complex
reb. 3	Feb. 3 Thu 15:3		Team Captains Meeting M	Complex
Fob 1	c~+	20:00 - 20:30	Team Captains Meeting W	
Feb. 4 Sat		20:30 – 21:00	Team Captains Meeting M	

#### 5.10. EQUIPMENT

FIS Equipment Controller M	Ueli FORRER (SUI)
FIS Equipment Controller W	Nadezhda BOHZKO (RUS)

Clothing and equipment control will in principle follow FIS rules. The equipment control will be carried out in respect of the recent technical FIS regulations if no additional FISU rule will be determined. Each competitor is responsible for the equipment that he/she uses (skis, bindings, ski boots, helmets, suit, etc). The term competition equipment encompasses all items of equipment which the competitor uses in competition. This includes clothing as well as apparatus with technical functions. The entire competition equipment forms a functional unit. All equipment used by Athletes is governed by the FIS Specifications for Competition Equipment which can be found on the following website: www.fis-ski.com (Rules)

## 5.11. DOPING CONTROL 5.11.1. DOPING CONTROL

Doping control will be carried out in accordance with the rules and regulations of FISU.

#### **5.11.2. LIST OF PROHIBITED SUBSTANCES**

The actual list of prohibited substances and treatment is defined in accordance with WADA international standards. NUSF will be responsible for ensuring that their delegations, namely athletes, are made aware of this prohibited list. Ignorance of the prohibited list will in no way constitute a valid excuse for any participant of the WU violating valid anti-doping rules. For the WADA list of prohibited sub-stances, please refer to the following website: www.wada-ama.org.



#### **5.11.3. TESTING**

In accordance with the preliminary Test Distribution Plan elaborated by the FISU International Medical Committee (FISU CMI), the required number of urine and blood tests will be collected both during and out of competition. Athletes may be tested at any time during the period of their accreditation. Urine and blood tests in and outside competition will be performed by the doping control officers licensed by Kazakhstan National Anti-Doping Centre under the supervision of the FISU CMI.

All test results will be sent to the confidential email address of Chairman of the FISU International Medical Committee (CMI) as well put into ADAMS.

The FISU CMI will bear the responsibility for the result management in the case of a violation of the Anti-doping rules.

#### 5.11.4. DOPING CONTROL STATIONS

Athletes must have their accreditation badges with them at all times in the Doping Control Stations.

Doping Control Station for Ski Jumping athletes will be allocated at the «Sunkar» International Ski Jumping Complex (refer to Appendix 7.2).

### **5.11.5. THERAPEUTIC USE EXEMPTION (TUE)**

Athletes taking part in the WU requiring a Therapeutic Use Exemption must apply to the appropriate Anti-doping Organisation as soon as possible. International Standards for Therapeutic Use Exemption will be applied. Should prohibited substances or methods be used after the opening of the WU, applications for emergency TUE should be made to the TUE Committee of FISU.

#### 5.11.6. EMERGENCY TREATMENT

In the case of an emergency, if an athlete has to use prohibited substances or methods during the WU, team doctors will be responsible for completing the TUE form and without any delay submit it to the FISU CMI.

#### 5.11.7. CONTACT DETAILS

Should any further information be required, please contact:

Dr. Raushan Akhanova, Head of the Department of Medical Services and Doping Control: r.akhanova@almaty2017.kz

## 5.12. AWARDS & MEDALS

#### 5.12.1. MEDAL-AWARDING CEREMONY

The Medal-Awarding Ceremonies will take place immediately after the Ski Jumping competition accordingly to the following schedule (time based on estimated finish time of the competition):



Date	Day	Time	Medal-Awarding Ceremony	Venue
Feb. 1	Mod	18:00	K 95 Individual W	
reb. i	Wed	21:15	K 95 Individual M	
Feb. 4	Sat	19:15	K 95 Mixed Relay	«Sunkan» International Ski Jumpina Complex
Fala F	Ç	17:25	K 95 Team W	Sompling Complex
Feb. 5	Sun	20:15	K 95 Team M	

The OC will inform the Head of delegation, the team officials and the athletes about the time, location and procedure. In case of a no show of a medallist, the medals and mascots maybe delivered to an official of the relevant delegation. The official must wear the uniform of the delegation to take part in the ceremony. S/he must not mount the podium but walk in front of it and take the medal and mascot in his/her hands. All flags will be raised.

During the Medal-Awarding Ceremony:

- The athletes are not allowed to bring national flags or any other items on the podium and are expected to take their caps off.
- The athletes must wear their delegation's approved uniform or the uniform with which they competed if the ceremony takes place right after the end of the competition and at the same venue.
- During the playing of the FISU anthem and the raising of the flags, they shall face the flags and conduct themselves in a dignified manner all the times. No national anthem is played during the ceremony.
- The detailed rules of this procedure will be in accordance with the rules of FISU.

#### 5.12.2. DIPLOMA OF HONOURS

- The athletes ranked one (1) to eight (8) will receive a Diploma of Honours.
- For team events, each team member will receive a personal diploma of honour mentioning his/her name and the team ranking.
- Diplomas of participation and of honour are not distributed to winners at the Medal-Awarding ceremony. They are handed to the Head of Delegation or an appointed representative of each delegation in the Athletes' Village at a later time.

#### **5.13. PRESS INTERVIEWS**

Sub-press Centres are set up in the main/finals competition venues to facilitate interviews and reports by the accredited media. After the competitions, all athletes must exit the Field of Play through the Mixed Zone, and brief interviews are conducted in the Mixed Zone. Coaches and winning athletes/teams take part in press conferences after the Awarding Ceremonies on request of the press manager. During the press conference, interpretation will be provided in



the official language (English) and RUS/KAZ languages. If one does not speak the official language, such person should bring his/her own interpreter of the language to the press conferences.

## 5.14. SPORT INFORMATION SERVICES 5.14.1. ON-LINE SPORTS INFORMATION SERVICE

Internet address:	www.almaty2017.com
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#### **5.14.2. SPORT INFORMATION AT THE VENUE**

A Sport Information Desk (SID) will be located at each venue, will distribute most recent information related to the competitions to the SID and receive requests from the team representative(s).

### 5.14.3. SPORTS INFORMATION AT ATHLETES' VILLAGE (AV)

Sports information desks for all 12 sports will be located in the Sports Information Center (SIC) at the Athletes' Village, the SIC will receive the most updated sports information. Any official and/or urgent notice from each competition headquarter will be announced immediately.

#### **5.14.4. OPERATION INFORMATION**

Function	Location	Operating Period	Operating Hours
On-line Service	Website		
AV SIC	AV SIC 1st Floor of Pyramid zone		07:00 – 23:00
Competition Venue SID	«Sunkar» International Ski Jumping Complex	24 Jan – 8 Feb 2017	Accordingly training and competition schedule



#### 5.14.5. LIST OF SPORT INFORMATION BY LOCATION

Contents	Online	Venue SID	AV SIC	ITO Hotel
Competition Schedule	Х	X	Χ	Χ
Training Schedule and booking info		Х	X	Х
Start lists	X	X	Χ	Χ
Change to Schedules	X	X	Χ	Χ
Competition Results	X	X	Χ	Χ
Special announcements and urgent notice		Х	X	Х
Medal Table	X			
Technical Handbooks	Х		Χ	Х
Regulations for the WU2017	Х			
Daily Sport Bulletin	Х			
Non sport information (transport, weather services etc.)		Х	X (MIC)	X
Answer and follow up to teams questions		Х	Х	Х

#### 6. SERVICE INFORMATION

#### 6.1. ACCREDITATION

**Location of the Main Accreditation Centre:** Almaty, Alatau district, Momyshuly avenue, Northern Ryskulova street. At the Athletes' Village (Refer to Athletes' Village Map)

**Important:** No athlete will be allowed to attend official training or competition without the Accreditation Card. Temporary cards do not allow athletes to take part to official trainings and competitions.

## **6.2. STORAGE & WAX ROOMS**

## 6.2.1. STORAGE & WAX ROOMS AT «SUNKAR» INTERNATIONAL SKI JUMPING COMPLEX

«Sunkan» International Ski Jumping Complex will be used to cover teams' needs on sport equipment storage and waxing cabins. On parking zone of Complex in total 20 wax-cabins (1 wax-cabin for 1 country) will be available for athletes of SJ.

Location: «Sunkar» International Ski Jumping Complex, parking zone

**Access:** Storage & Wax Rooms at the venue will be available for athletes. OC provides keys (one for one country/team representative).

**The waxing rooms are equipped with:** A waxing area will be equipped with tables, several electric outlets, adequate heating and ventilation, shelves and waste bins, holders for skis, extractor to remove harmful gases, Wi-Fi, hand brush, bench and broom.



#### 6.3. TRANSPORTATION

#### 6.3.1. GENERAL TRANSPORTATION SYSTEM

The OC guarantees the transportation of every one that is accredited. The Transportation Committee has established the necessary organization to plan the transportation needs of WU from the day of the opening of the AV (24 January).

#### 6.3.2. COMPETITION & TRAINING TRANSPORTATION

#### Regular Shuttle Service for Individual Sports

The transportation of athletes and officials in individual sport to the competition and training venues carried out along the regular shuttle buses from 24th January 2017 to 10th February 2017.

Vehicles leave the Transportation Mall in the AV from the corresponding bus station. The vehicles are equipped with a special route sign specifying route code and the name of the sport venue.

The transport staff at the Transportation Mall will coordinate the transport movement and provide assistance while loading and unloading.

Route TA 3 (Athletes' Village – Sunkar International Ski Jumping Complex – Athletes' Village»

Distance between the Athletes' Village and the Sunkar International
Ski Jumping Complex – 16.1 km

Travel time – 25 min

Transport type – tourist bus

### Transportation schedule for Ski Jumping:

Date	AV to Sunkar	Sunkar to AV	Number of transport
30 Jan Mon	07:00 13:00 15:00 16:30 16:45 17:00	19:00 20:30	3
31 Jan Tue	07:00 13:00 15:00 16:30 16:45	19:00 20:30	3
1 Jan Wed	07:00 13:00 15:00 16:30 16:45	13:30 15:30 16:00	3



3 Jan Fri	07:00 13:00 15:00 16:30	19:00 20:00	3
4 Jan Sat	07:00 13:00 15:00 15:15 16:00	19:30 20:00 20:15	3
5 Jan Sun	07:00 13:00 14:00 16:00	17:30 20:30 21:00	3

#### 6.3.3 TRANSPORTATION FOR MEDAL AWARDING CEREMONIES

Awarding Ceremonies will be held every day at 20.00. Thus, the Transportation Department prepared a specific transportation plan for transferring athletes to the Medal Plaza. All winners will be transported to the Medal plaza by special reserved microbuses.

TA 16 "Athletes Village – Medal Plaza – Athletes' Village"

Travel time between the Athletes' Village and the Medal Plaza – 36 min. Transport type – microbuses.

For the transportation schedule for the medal awarding ceremonies please refer to the transportation manual.

## 6.4. MEDICAL SERVICES 6.4.1. GENERAL OVERVIEW

OC provides accredited persons with free and adequate medical care. This medical care includes all appropriate emergency care, diagnosis and treatment of all injuries and illnesses directly and indirectly related to the WU, and this obligation will begin from the day of the opening of the AV until two (2) days following the closing ceremony. This will not cover medical care while in country if the credential person has already officially left the AV or officially left the host country.

All WU participants must have own medical insurance. Only emergency medical care for WU accredited participants will be covered by the OC.

The working hours of the Medical Center at the AV will be daily available starting from 6:00 am till 24:00 pm.

The Pharmacy at the AV will be round-the-clock.

### 7. OC CONTACTS

**Sport Competitions Department** sports@almaty2017.kz



## 8. APPENDICES

## 8.1. 28th WINTER UNIVERSIADE 2017 COMPETITION SCHEDULE - VERSION 06.01.2017



#### ALMATY 2017 WINTER UNIVERSIADE - COMPETITION SCHEDULE

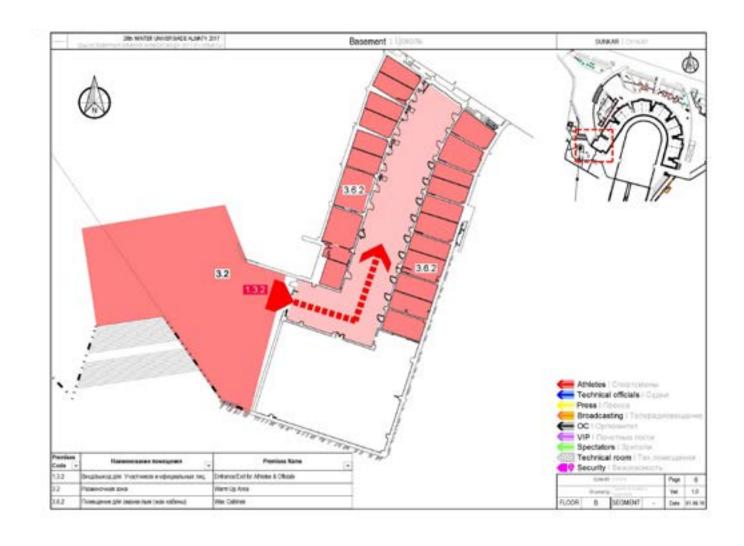
29 JANUARY - 8 FEBRUARY 2017



U ARREST DE PERO	AND A Street Co.					29 JANI	JARY - 8 FEBRUARY 201	7			71.00	About Africks Pillary	active is
	SATURDAY January - 28	SUNDAY January - 29	MONDAY January - 30	<b>TUESDAY</b> January - 31	<b>WEDNESDAY</b> February - 1	<b>THUSDAY</b> February - 2	FRIDAY February - 3	SATURDAY February - 4	<b>SUNDAY</b> February - 5	MONDAY February - 6	<b>TUESDAY</b> February - 7	WEDNESDAY February - 8	Me Awa
CEREMONIES (Almaty Arena»: Figure Skating Arena		19:00 Opening Ceremony										19:00 Closing Ceremony	Verue
FIGURE SKATING («Almaty Arena»: Figure Skating			Unofficial Practice	Official Practice	Ladies 14:30 Short Program	Ice Dance 14:30 Short Dance Ladies 17:00 Free Skating	Men 14:50 Short Programme	Ice Dance 14:00 Free Dance Men 17:00 Free Skating	Exhibition 17:00 EXH				3
CURLING «Almaty Arena»: Curling		Official Practice M/W	09:00 w1 14:00 M1 19:00 w2	09:00 M2 14:00 w3 19:00 M3	09:00 w4 14:00 M4 19:00 w5	09:00 M5 14:00 w6 19:00 M6	09:00 w7 14:00 M7 19:00 w8	09:00 M8 14:00 w9 19:00 M9	09:00/14:00/19:00 Tie Breaker games if required	09:00 Semi Finals M/W 16:00 Bronze Medal Game M/W	09:00 W Gold Medal Game 14:00 M Gold Medal Game		2
ICE HOCKEY Men «Halyk Arena»	12:30 SVK-GBR (1) 16:00 JPN-LAT (2) 19:30 KAZ-CHN (3)		12:30 KOR - RUS (4) 16:00 SWE - CZE (5) 19:30 USA - CAN (6)	12:30 JPN - KOR (7) 16:00 SVK - USA (8) 19:30 KAZ - SWE (9)	12:30 RUS - LAT (10) 16:00 CAN - GBR (11) 19:30 CZE - CHN (12)	12:30 GBR - USA (13) 16:00 LAT - KOR (14) 19:30 CHN - SWE (15)	12:30 CAN - SVK (16) 16:00 RUS - JPN (17) 19:30 CZE - KAZ (18)	12:30 <b>D9 - D12</b> (19) 16:00 <b>QF#1</b> (20) 19:30 <b>QF#2</b> (21)	12:30 <b>D10 - D11</b> (22) 16:00 <b>QF#3</b> (23) 19:30 <b>QF#4</b> (24)	09:00 L#19 - L#22 (25) 12:30 W#19 - W#22 (26) 16:00 LQF#1 - LQF#4 (27) 19:30 LQF#2 - LQF#3 (28)	09:00 L#27 - L#28 (29) 12:30 W#27 - W#28 (30) 16:00 SF#1 (31) 19:30 SF#2 (32)	11:00 BRONZE (33) 15:00 GOLD (34)	1
ICE HOCKEY Women «Baluan Sholak»: Ice Hockey Arena	16:30 CAN-CHN (1) 20:00 KAZ-GBR (2)	12:30 USA-RUS (3)	16:30 CAN - GBR (4) 20:00 CHN - KAZ (5)	20:00 JPN - USA (6)	16:30 GBR - CHN (7) 20:00 KAZ - CAN (8)	20:00 RUS - JPN (9)	20:00 RL D6 - D5 (10)	16:30 <b>SF#1</b> (11) 20:00 <b>SF#2</b> (12)	13:00 RL D7 - D6 (13)	13:00 RL D5-D7 (14) 16:30 BRONZE (15) 20:00 GOLD (16)			1
SHORT TRACK «Baluan Sholak»: Short Track Arena							Unofficial Training 09:00-20:00	Official Training 09:00-20:00	14:00 1500m W/M 17:00 Heats 3000m Relay W Heats 5000m Relay M	14:00 500m W/M 17:50 SF 3000m Relay W SF 5000m Relay M	14:00 1000m W/M 18:00 F 3000m Relay W F 5000m Relay M		8
SPEED SKATING «Medeu» High- Mountain Ice Rink	Unofficial Training 09:00 - 13:00 14:30 - 17:30	Official Training 09:00 - 13:00	Official Training 09:00 - 13:00 14:30 - 17:30	09:00-10:45 Official Training 11:00 1'500m W 13:00 5'000m M	09:00-10:45 Official Training 11:00 3'000m W 13:00 500m M	09:00-10:45 Official Training 11:00 500m W 13:00 1'500m M	09:00-10:45 Official Training 11:00 5'000m W 13:00 1'000m M	09:00-10:45 Official Training 11:00 1'000m W 13:00 10'000m M	09:00-10:45 Official Training 11:00 Team Pursuit W 13:00 Team Pursuit M	09:00-10:45 Official Training 11:00 Mass Start W 13:00 Mass Start M			0
ALPINE SKIING «Shymbulak» Ski Resort		10:00 -12:00 Official Free Skiing on Super-G course	<b>Super-G W/M</b> 10:30 Super-G W 13:00 Super-G M	Alpine Combined W 10:00 AC - SG 13:30 AC - SL	Alpine Combined M 10:00 AC - SG 13:30 AC - SL	Reserve Day	Giant Slalom W 10:00 1 <sup>st</sup> run 13:00 2 <sup>nd</sup> run	Giant Slalom M 10:00 1st run 13:00 2sd run	Parallel Nations Team Event 10:00	<b>Slalom W</b> 10:00 1 <sup>st</sup> run 13:00 2 <sup>nd</sup> run	<b>Slalom M</b> 10:00 1 <sup>st</sup> run 13:30 2 <sup>nd</sup> run	Reserve day	0
FREESTYLE SKIING «Shymbulak» Ski Resort «Tabagan» Ski Resort		«Tabagan» Ski Resort Aerials M/W 10:00 - 13:00 Official Training	«Tabagan» Ski Resort  Aerials W/M 10:00 - 11:15 Training 11:30 Qualification 13:00-13:45 Training 14:00 Finals	«Tabagan» Ski Resort Mixed Teams Aerials 10:00 - 11:15 Training 11:30 Qualification 13:00 - 13:45 Training 14:00 Finals	«Shymbulakı) Ski Resort Moguls W/M 09:00 - 12:00 Training	«Shymbulak» Ski Resort Moguls W/M 09:00 - 10:00 Training 10:30 Qualification 13:00 Finals	«Shymbulak» Ski Resort Dual Moguls W/M 09:00 - 10:00 Training 10:30 Qualification 14:00 Finals	Reserve Day	«Shymbulak» Ski Resort Ski Cross W/M 11:00 - 14:00 Training	«Shymbulak» Ski Resort Ski Cross W/M 09:00 - 10:00 Training 11:00 Qualification	«Shymbulak» Ski Resort Ski Cross W/M 12:00 - 13:30 Training 14:00 Finals	Reserve Day	0
SNOWBOARD «Shymbulak» Ski Resort «Tabagan» Ski Resort		«Shymbulak» Ski Resort Parallel Giant Slalom W/M Parallell Slalom W/M Unofficial Training	«Shymbulak» Ski Resort Parallel Giant Slalom W/M 09:00 Quaification 14:00 Finals	«Shymbulak» Ski Resort Parallel Statom W/M 09:00 Qualifications 14:00 Finals Snowboard Cross W/M 10:00-13:00 Training	«Shymbulat» Ski Resort Snowboard Cross W/M 08:45 - 09:45 Training 10:00 Qualification	«Shymbulak» Ski Resort Snowboard Cross W/M 12:45 - 13:45 Training 14:00 Finals	Reserve Day	«Shymbulak» Ski Resort Slopestyle W/M 10:00 -13:00 Training	«Shymbulak» Ski Resort Slopestyle W/M 09:00-09:45 Training 10:00 Qualification 13:00 Finals	«Tabagan» Ski Resort Big Air W/M 10:00-13:00 Training	«Tabagan» Ski Resort Big Air W/M 10:00 -10:45 Training 11:00 Qualification 13:00-13:45 Training 14:00 Finals	Reserve Day	0
BIATHLON  «Alatau» Cross – Country Skiing & Biathlon Complex		Unofficial Training 10:30 - 12:00 W 12:15 - 13:45 M	Official Training Individual 11:00 - 13:00 W 13:15 - 15:15 M	Individual M/W 10:15 - 11:05 Zeroing W 11:15 - 12:55 Individual 15km W 13:15 - 14:05 Zeroing M 14:15 - 16:00 Individual 20km M	Official Training Sprint 11:00 - 13:00 W 13:15 - 15:15 M	Sprint M/W 09:30 - 10:20 Zeroing W 10:30 - 12:00 Sprint 7.5km W 12:15 - 13:05 Zeroing M 13:15 - 14:45 Sprint 10km M	Pursuit M/W 11:00-11:45 Zeroing W 12:00-12:50 Pursuit 10km W 13:00-13:45 Zeroing M 14:00-14:50 Pursuit 12,5km M	Official Training Mixed Relay 11:00-13:00 Unofficial Training 13:15-14:15	Mixed Relay 2x6km W + 2x7,5km M 11:00-11:45 Zeroing 12:00-13:30 Mixed Relay	Official Training Mass Start 11:00 - 13:00 W 13:15 - 15:15 M	Mass Start M/W 11:15 - 11:45 Zeroing W 12:00 - 12:45 Mass Start 12:5km W 14:15 -14:45 Zeroing M 15:00 - 15:45 Mass Start 15km M	Reserve day	0
CROSS-COUNTRY SKIING «Alatau» Cross – Country Skiing & Biathlon Complex	Unofficial Training W/M 09:00 - 16:00	Individual (C) 11:00 -14:00 Official Training W/M	Individual (C) 09:00-10:35 Official Training M 11:00-11:45 5 km (C) W 11:45-1225 Official Training M 12:30-13:45 1 0 km (C) M Pursuit (F) 15:00-16:30 Official Training M/W	Pursuit (F) 08:30-10:25 Official Training W 10:30 - 11:15 5km (F) W 11:15-12:55 Official Training M 13:00 - 14:15 10km (F) M	Sprint (C) 11:00-16:00 Official Training W/M	Sprint (C) 10:30 - 12:25 Official Training 12:30 - 13:30 Qualification W/M 13:30 - 14:20 Official Training 14:45 - 16:20 Finals W/M	Mixed Team Sprint (F) 11:00 -14:00 Official Training M/W	Mixed Team Sprint (F) 09:00-10:55 Official Training 11:00-12:00 Qualifications 12:05-12:55 Official Training 13:00-13:30 Final	Relay W/M 11:00-14:00 Official Training	Relay W/M 09:00-10:55 Official Training W 11:00-12:00 3x5km (C+FF) W 12:00-13:25 Official Training M 13:30-15:00 4x7.5km (CC+FF) M Moss Start (C) 16:00-17:00 Official Training W	Mass Start (C) 11:30-13:25 Official Training W 13:30-15:00 15km (C) W 15:300-17:00 Official Training M	Mass Start (C) 08:00-09:55 Official Training M 10:00-12:00 30km (C) M	1
NORDIC COMBINED («Sunkam Ski Resort «Alatau» Cross- Country Skiing & Biathlon Complex		09:00-10:30 Unofficial Training Cross-Country 10km 14:00-15:00 Official Training Ski Jumping K95	Official Training Individual Gundersen 10:00-11:30 Ski Jumping K95 15:00-17:00 Cross-Country 10 km	Individual Gundersen 10:00 Trial Round K95 11:00 Ski Jumping K95 15:30 Cross-Country 10km	Reserve Day	Official Training Mass Start 09:00 - 10:30 Cross-Country 10 km 14:00-15:30 Ski Jumping K95	Mass Start 10:00 Cross-Country 10km 14:30 Trial Ski Jumping K95 15:30 Ski Jumping K95	Official Training Team Gundersen 10:00 - 11:00 Ski Jumping K95 15:00-16:30 Cross-Country 3x5km	Team Gundersen 09:30 Trial Ski Jumping K95 10:30 Ski Jumping K95 15:00 Cross-Country 3x5km	Reserve Day			0
SKI JUMPING «Sunkam Ski Resort			Official Training 17:00-18:00 K95 Women 18:30-20:00 K95 Men	Official Training 17:00-18:00 K95 Women 18:30-20:00 K 95 Men	K95 Individual M/W 16:00 Trial Women 17:00 Individual Women 18:30 Trial Men 19:30 Individual Men	Reserve Day	Official Training Team Competition/ Mixed Relay 17:00 - 18:00 K95 Women 18:00 - 19:30 K95 Men	K95 Mixed Relay 17:00 Trial Mixed Relay 18:00 K95 Mixed Relay	K95 Team M/W 16:00 Trial Team Women 16:30 Team Women 18:00 Trial Team Men 19:00 Team Men	Reserve Day			5
At the venue	0	0	0	0	2	1	0	3	4	3	6	2	21
At the Medal Plaza	0	0	8	11	3	10	8	4	7	5	8	0	6.
In total	0	0	8	11	5	11	8	7	11	8	14	2	
												_	

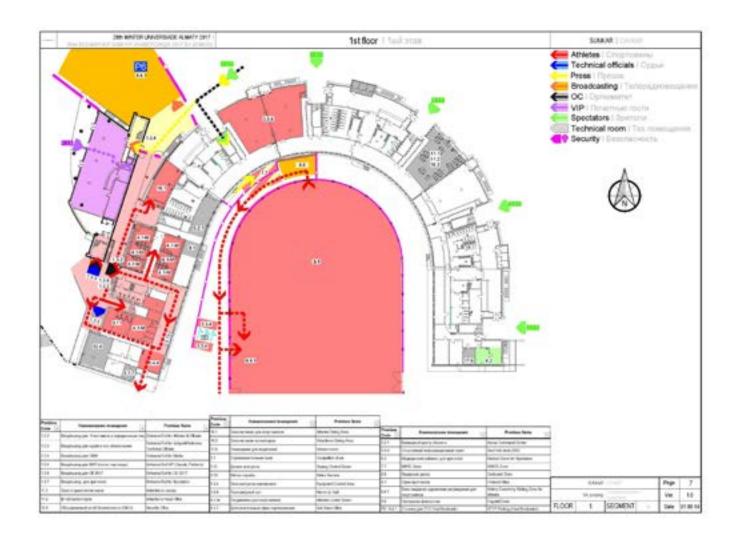


## 8.2. VENUE LAYOUTS 8.2.1. BASEMENT FLOOR



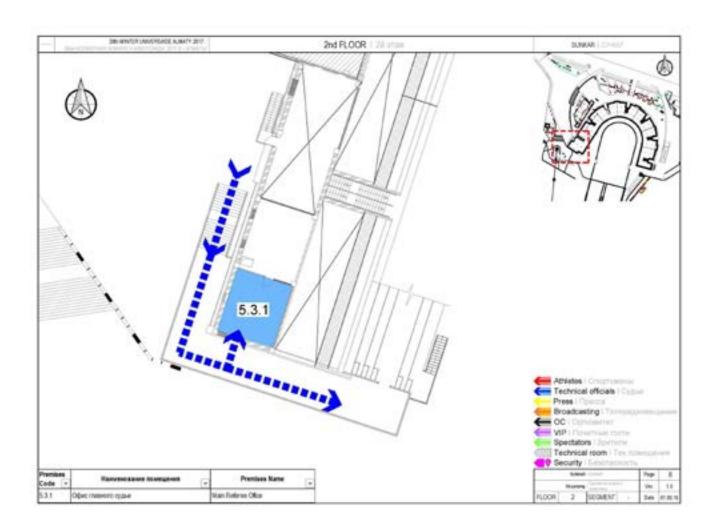


## 8.2.2. 1<sup>ST</sup> FLOOR



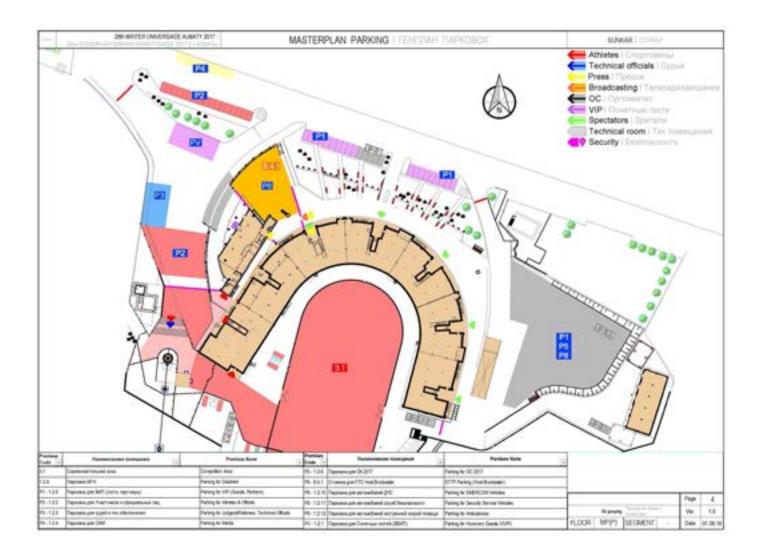
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## 8.2.3. 2<sup>ND</sup> FLOOR



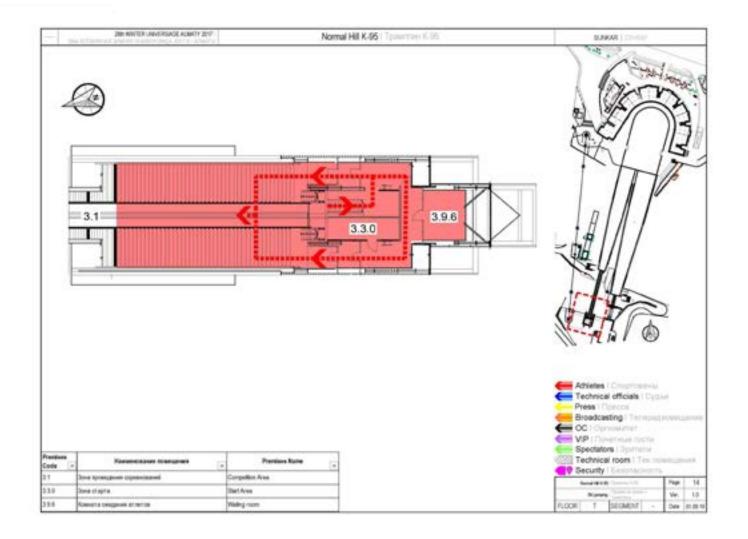


## 8.2.4. PARKING ZONE



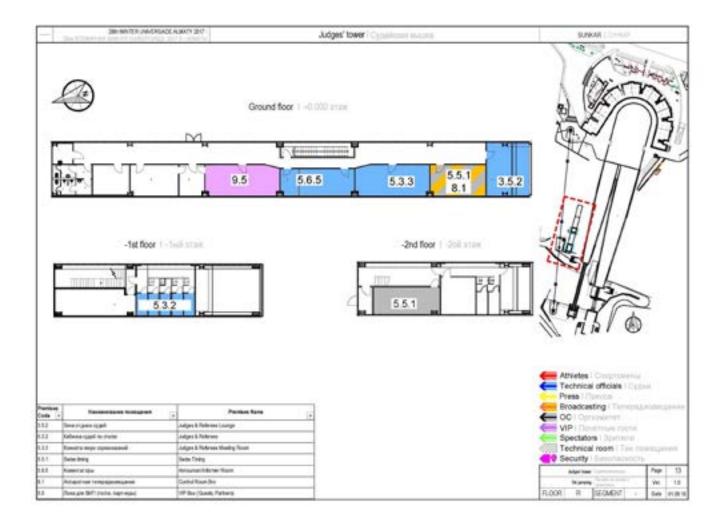


## 8.2.5. SKI JUMPING HILL K-95



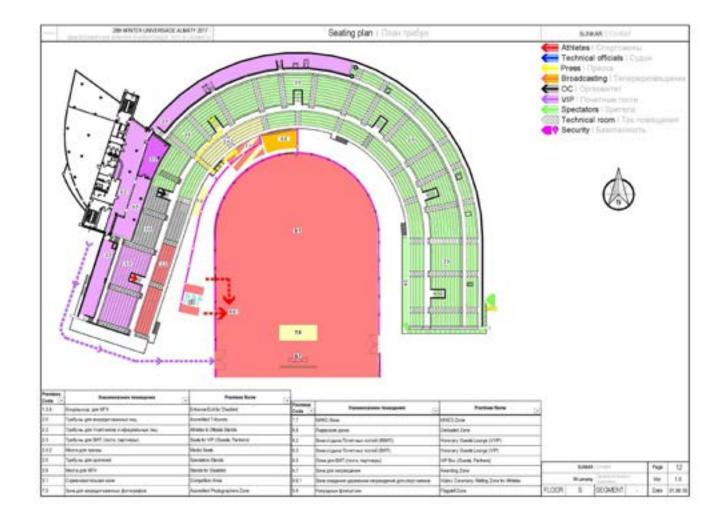


## 8.2.6. JUDGES' TOWER





## **8.2.7. SEATING PLAN**





## 8.3. DAY BY DAY SCHEDULE

Date	Day	Start Time	Finish Time	Event Name	Venue			
29.01.2016	SUN	15:00	15:30	Team Captains Meeting (GTM) W				
27.01.2016		15:30	16:00	Team Captains Meeting (GTM) M				
30.01.2016	MON	17:00	18:00	Official Training - K 95 W				
00.01.2010		18:30	20:00	Official Training - K 95 M				
		15:00	15:30	Team Captains Meeting W				
31.01.2016	TUE	15:30	16:00	Team Captains Meeting M				
		17:00	18:00	Official Training - K95 W				
		18:30	20:00	Official Training - K95 M				
		16:00	17:00	K 95 Individual Trial W				
		17:00	18:00	K 95 Individual W				
01.02.2017	WED	18:15	18:30	Medal-Awarding Ceremony W				
		18:30 19:30 K 95 Individual Trial		K 95 Individual Trial M	"Sunkar" International			
		19:30	21:00	K 95 Individual M	Ski Jumping			
		21:15	21:30	Medal-Awarding Ceremony M	Complex			
02.02.2017	THU			Reserve Day				
		15:00	15:30	Team Captains Meeting W				
03.02.2017	FRI	15:30	16:00	Team Captains Meeting M				
	FKI	17:00	18:00	Official Training - Teams W Mixed Relay				
		18:00	19:30	Official Training - Teams M Mixed Relay				
		17:00	18:00	K 95 Mixed Relay Trial				
		18:00	19:00	K 95 Mixed Relay				
04.02.2017	SAT	19:15	19:30	Medal-Awarding Ceremony				
			20:30	Team Captains Meeting W				
		20:30	21:00	Team Captains Meeting M				



		16:00	16:30	K 95 Team W Trial	
		16:30	17:10	K 95 Team W	
05.02.2017	SUN	17:25	17:35	Medal-Awarding Ceremony	"Sunkar"
		18:00	19:00	K 95 Team M Trial	International Ski Jumping
		19:00	20:00	K 95 Team M	Complex
		20:15	20:30	Medal-Awarding Ceremony	
06.02.2017	MON			Reserve Day	

<sup>\*</sup>Flower ceremonies will be held immediately after the finish of the competition \*\* Time of Medal-Awarding Ceremonies based on estimated finish time of the competition

Training / Trial
Competition
Ceremony
Reserve Day
Technical Meeting



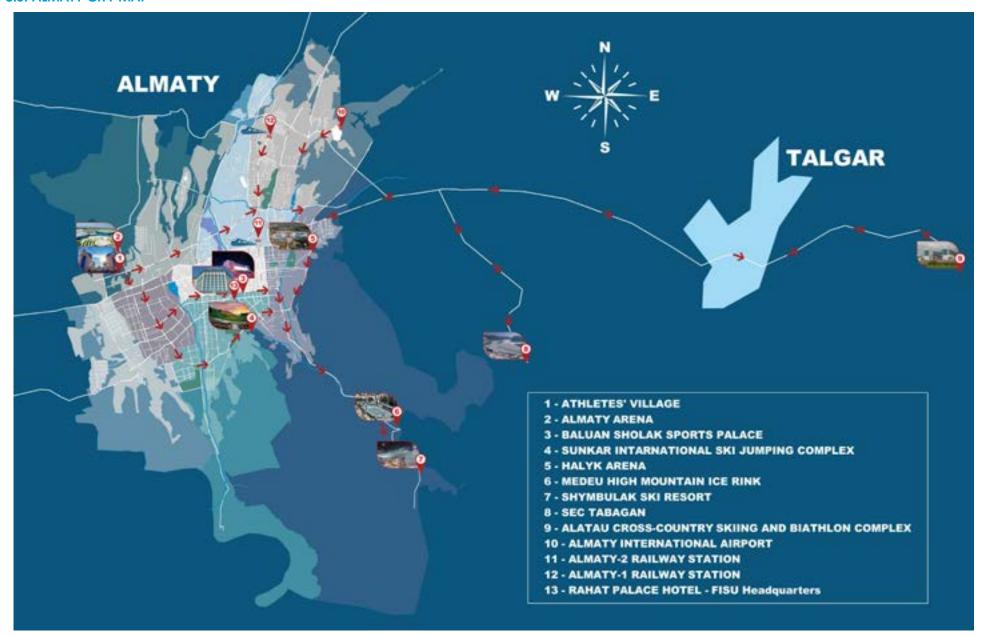
#### **8.4. ATHLETES' VILLAGE MAP**







## 8.5. ALMATY CITY MAP



## PARTNERS OF THE 28TH WINTER UNIVERSIADE























BNEWS





MAIN MEDIA PARTNERS



ΚZ













































ҚАЗАҚСТАН









28" WINTER UNIVERSIADE 2017 ALMATY ORGANIZING COMMITTEE REPUBLIC OF KAZAKHSTAN, ALMATY 050013, BAYZAKOV STREET, 280 WWW.ALMATY2017.COM