

TECHNICAL HANDBOOK

NORDIC COMBINED

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 28th 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 28th 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 28th 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 28th 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 Universide inherited the sports facilities with modern equipment, developed infrastructure and updated cultural centers.

In 2011, Almaty hosted the 7th 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^{th} 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

Anti-doping Administration and Management System
Athletes' Village
FISU International Control Committee
FISU International Medical Committee
Technical Committee of FISU
International Technical Committee for the Winter Universiade
Executive Committee of FISU
International Ski Federation
International University Sports Federation
Head of Delegation
International Sports Federation
International Technical Officials
Kazakhstan National Anti-Doping Centre
National Sport Federation
National Technical Officials
National University Sports Federation
Organising Committee of the Winter Universiade
Sport Information Centre
Sport Information Desk
Technical Delegate
Technical Officials
Therapeutic Use Exemption
World Anti-Doping Agency
Winter Universiade
Winter Universiade Almaty Organising Committee
\ F F T E



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, 050044 Almaty, Kazakhstan
Phone	+7 (727) 396 92 35
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Website	www.skisport.kz

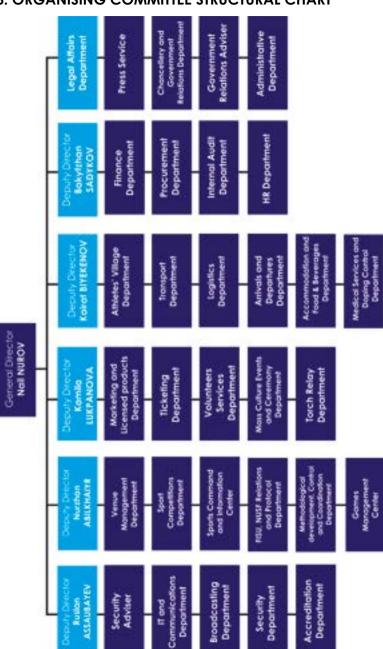


2. FISU INTERNATIONAL TECHNICAL COMMITTEE FOR THE WINTER UNIVERSIADE (CTI-UH)

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	Karl LUSTENBERGER (SUI)
FIS Technical Delegate	Jiri PELKONEN (FIN)
FIS Technical Delegate Assistant	Sergey ZHUKOV (RUS)
Competition Manager	Galiya ZHUMABAYEVA (KAZ)
Additional Experts	To be nominated at the 1st General Technical Meeting, if needed

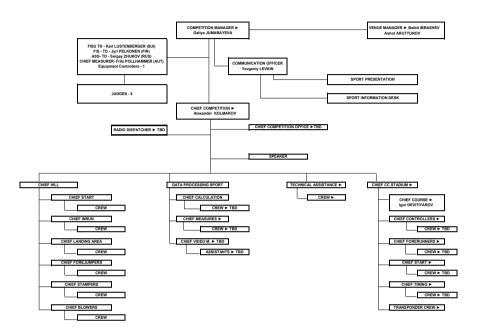
5.2. TECHNICAL OFFICIALS

FIS Equipment Controller M	Ulrich FORRER (SUI)
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. NORDIC COMBINED STRUCTURAL CHART

STRUCTURAL CHART Nordic Combined





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
Individual Gundersen Competition
Team Gundersen Competition
Individual Mass-Start Competition

Each country may enter:

Individual events: eight (8) competitors, of whom only six (6) may take part Team event: three (3) competitors per team. One (1) team 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 Universiade the jury consists of the following members:

- The TD, who is the chair of the Jury (appointed by FIS)
- The Assistant TD (appointed by FIS)
- The FISU Race Director (appointed by FISU)
- The Chief of competition
- The Chief of course (only Jury member for the Cross Country race)

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. Any protest of a sport or disciplinary nature must reach the Jury or other competent authority according to the regulations laid down by the FIS. Such protest must be accompanied by a deposit, the amount of which is set in line with the FIS regulations, if not otherwise specified in the technical regulations of the concerned sport (Art.12).

According to FIS ICR 532.4 the Jury must consider protests if they are made within the allowable time limit and a sum of CHF 100 – or the equivalent in



another valid currency 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 the FIS.

5.5. COMPETITION FORMAT 5.5.1. INDIVIDUAL GUNDERSEN COMPETITION

• 1 round of Ski Jumping followed by 10km cross country skiing

5.5.2. TEAM GUNDERSEN COMPETITION

- 10km cc skiing followed by 2 rounds in SJ.
- 1st round of SJ is in reverse order of the cross-country skiing results

5.5.3. INDIVIDUAL MASS-START COMPETITION

- 3 participants per team
- 1 round of SJ followed by 3x5km team relay cross country skiing

5.6. COMPETITION AND TRAINING VENUE INFORMATION

Venue	Function	Location	Distance to AV
«Alatau» Cross- Country Skiing and Biathlon Stadium	Training/ Competition	Almaty region, in the Gorge of Talgar district 43.279490 77.339569	50.5km/55min
«Sunkan» Ski Jumping Complex	Training/ Competition	Almaty, Al-Farabi street, 128/8 43.213395 76.934373	21.1km/25min

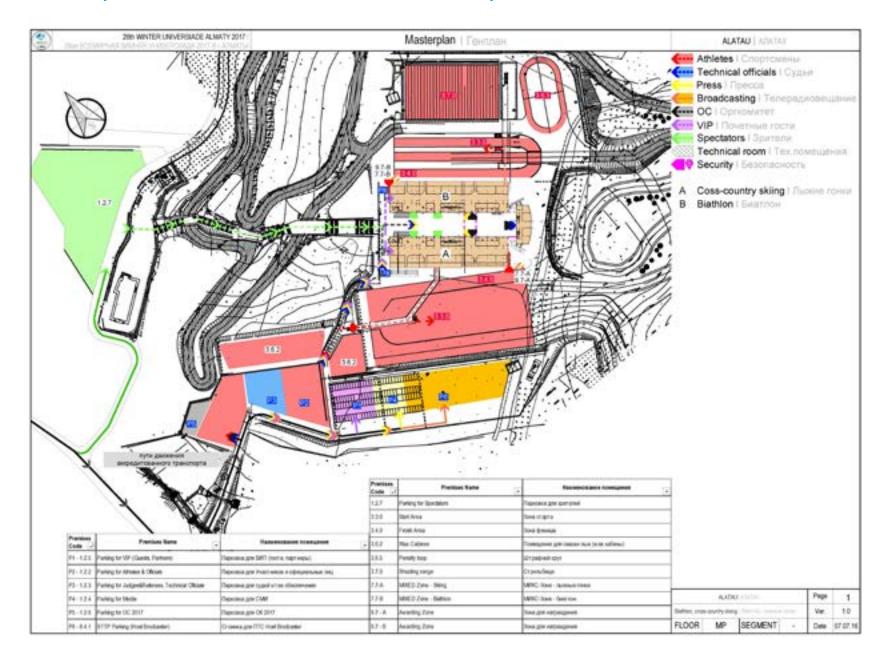
«Alatau» Cross-Country and Biathlon Complex is located at the Soldier gorge in Talgar district of Almaty region, Kazakhstan. Situated around 35 kilometres from centre of Almaty city. The altitude of the competition area ranges between 1469 (lowest) and 1556 (highest) metres from sea level.

«Sunkan» Ski Jumping Complex 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.

Please refer to Appendix 7.2 for detailed layout of the course

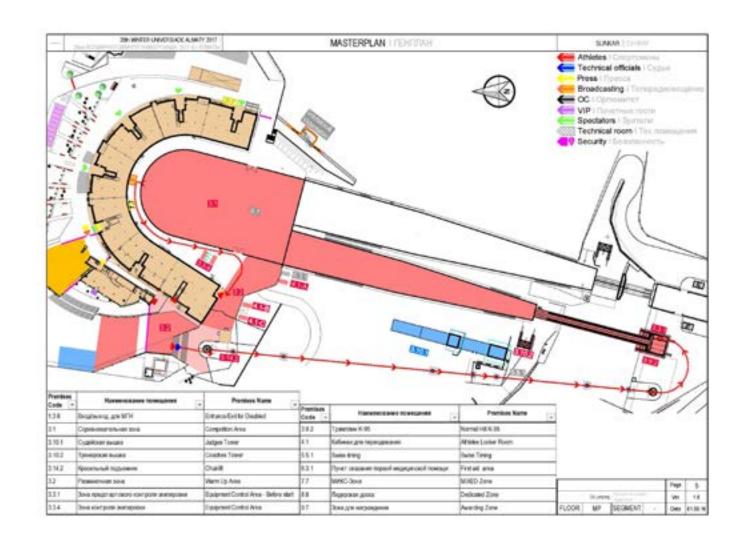


GENERAL LAYOUT («ALATAU» CROSS-COUNTRY SKIING AND BIATHLON STADIUM)





GENERAL LAYOUT («SUNKAR» SKI JUMPING COMPLEX)





5.6.1. COURSES TECHNICAL DATA («ALATAU» CROSS-COUNTRY SKIING AND BIATHLON STADIUM)

Loop	Length and Name of Course	Total Climb	Highest Point	Lowest Point	Height Difference	Max Climb
Loop 1	2.5 km (red)	87 m	1511 m	1469 m	42 m	36 m

5.6.2. SKI JUMPING HILL TECHNICAL DATA («SUNKAR» SKI JUMPING COMPLEX)

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

5.7. NORDIC COMBINED COMPETITION SCHEDULE

Date	Day	Time	Event	Venue	
	11:00 - 12:00	Ind. Gundersen - Ski Jumping K 95	«Sunkar Ski Jumping Complex»		
Jan. 31	Tue	15:30 - 17:00	Ind. Gundersen - CC-Skiing 10km	«Alatau» Cross-Country Skiing and Biathlon Stadium	
Feb. 1	Wed		Reserve day		
Fab 2	Fei	10:00 - 11:15	Mass Start - CC-Skiing 10km	«Alatau» Cross-Country Skiing and Biathlon Stadium	
reb. s	Feb. 3 Fri		Mass Start - Ski Jumping K 95	«Sunkar Ski Jumping Complex»	
Fob F	Sum	10:30 - 11:30	Team Gundersen - Ski Jumping K 95	«Sunkar Ski Jumping Complex»	
Feb. 5 Sun		15:00 - 16:30	Team Gundersen - CC-Skiing 3x5km	«Alatau» Cross-Country Skiing and Biathlon Stadium	
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. UNOFFICIAL TRAININGS

Training possibilities in «Alatau» Cross-Country Skiing & Biathlon Complex starts on the 25th of January 2017.

Date	Day	Time	Event	Venue
Jan. 29	Sun	9:00 – 10:30	Individual Gundersen CC	«Alatau» Cross- Country Skiing and Biathlon Stadium

5.8.2. OFFICIAL TRAININGS

Date	Day	Time	Event	Venue
Jan. 29	Sun	14:00 – 15:00	Individual Gundersen SJ	«Sunkar Ski
		10:00 – 11:30	Individual Gundersen - SJ	Jumping Complex»
Jan. 30	Mon	15:00 – 17:00	Individual Gundersen - CC	«Alatau» Cross- Country Skiing and Biathlon Stadium
Feb. 31	Tue	10:00 - 11:00	Ind. Gundersen Trial Ski Jumping K 95	«Sunkar Ski Jumping Complex»
Feb. 2	Feb. 2 Thu		Mass Start - CC	«Alatau» Cross- Country Skiing and Biathlon Stadium
		14:00 – 15:30	Mass Start - SJ	
Feb. 3	Fri	14:30 - 15:30	Mass Start - Trial Ski Jumping K 95	«Sunkar Ski Jumping Complex»
		10:00 - 11:00	Team Gundersen - SJ	G0111p10747
Feb. 4	Sat	15:00 – 16:30	Team Gundersen - CC	«Alatau» Cross- Country Skiing and Biathlon Stadium
Feb. 5	Sun	9:30 - 10:30	Trial Ski Jumping K 95	«Sunkar Ski Jumping Complex»



5.9. TECHNICAL MEETINGS

Date	Day	Time	Meeting	Venue
Jan. 29	Sun	12:30 – 13:00	GTM	«Sunkar Ski
Feb. 2	Thu	16:00 – 16:30	TCM	Jumping
Feb. 4	Sat	11:30 – 12:00	TCM	Complex»

5.10. EQUIPMENT

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).

5.10.1. SKI TEST AND WARM-UP AREA

Depending on snow consistency and conditions ski testing and warm-up areas will be additionally prepared; otherwise the official competition courses will be used until 5 minutes before start.

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 Nordic Combined athletes will be allocated at the «Sunkan» Ski Jumping Complex 1st floor and «Alatau» Cross-Country Skiing and Biathlon Stadium ground floor (refer to Appendix 7.2).

5.11.5. THERAPEUTIC USE EXEMPTION (TUE)

Athletes taking part in the Winter Universiade 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 International Medical Committee.

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. FLOWER CEREMONY

Flower Ceremony will take place at the end of the concerned discipline of the competition either on «Sunkar» Ski Jumping Complex or «Alatau» Cross-Country Skiing and Biathlon Stadium.



5.12.2. MEDAL-AWARDING CEREMONY

The Medal-Awarding Ceremonies will take place accordingly to the following schedule:

Date	Day	Time	Medal-Awarding Ceremony	Venue
Jan. 31	Tue		Individual Gundersen Competition	
Feb. 3	Fri	20:00	Team Gundersen Competition	Medal Plaza
Feb. 5	Sat		Individual Mass-Start Competition	

The Organising Committee 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.

5.12.3. 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 Flower Ceremonies at the venue 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

The 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 SIC at the AV, 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	Operating
On-line Service	Website	Period	Hours
AV SIC	1 st Floor of Pyramid zone	24 Jan – 10 Feb 2017	07:00 – 23:00
Competition Venue 1 SID	«Alatau» Cross- Country Skiing and Biathlon Stadium	27 Jan – 8 Feb 2017	Accordingly training and
Competition Venue 2 SID	«Sunkan» Ski Jumping Complex	27 Jan – 6 Feb 2017	competition schedule



5.14.5. LIST OF SPORT INFORMATION BY LOCATION

Contents	Online	Venue SID	AV SIC	ITO Hotel
Competition Schedule	Х	Χ	Х	X
Training Schedule and booking info		Х	Х	Х
Start lists	Х	Χ	Χ	X
Change to Schedules	Х	Χ	Х	X
Competition Results	Х	X	Χ	Χ
Special announcements and urgent notice		Х	Х	Х
Medal Table	Х			
Technical Handbooks	Х		Х	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 «ALATAU» CROSS-COUNTRY SKIING AND BIATHLON STADIUM

«Alatau» Cross-Country Skiing and Biathlon Stadium will be used to cover teams' needs on sport equipment storage and waxing cabins. On Athletes' Compound, outdoor area, of the Complex in total 10 wax cabins will be available for athletes of Nordic Combined and Ski Jumping Nordic Combined. **Location:** «Alatau» Cross-Country Skiing and Biathlon Stadium, Athletes' Compound, Outdoor, near the Cross-Country Skiing wax rooms

Access: Storage & Wax Rooms at «Alatau» Biathlon Stadium 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.

NOTE: Team officials have to pick up the keys at the athlete compound office by signing a declaration and paying a 50 euro deposit, which will be refundable upon check-out.

6.2.2. STORAGE & WAX ROOMS AT «SUNKAR» SKI JUMPING COMPLEX

«Sunkan» 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 Ski Jumpina.

Location: ((Sunkar)) Ski Jumping Complex, parking zone

Access: Storage & Wax Rooms at «Sunkan» Ski Jumping Complex 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).

NOTE: It is necessary to pack Ski Jumping equipment and Cross-Country Skiing equipment separately, as it will be transported to two venues from airport: equipment for Cross-Country Skiing to the «Alatau» Cross-Country Skiing and Biathlon Stadium and equipment for Ski Jumping to «Sunkan» Ski Jumping Complex.

6.3.2. COMPETITION & TRAINING TRANSPORTATION

Routes:

- TA 4 «Athletes' Village Alatau Cross-country Skiing and Biathlon Complex
 Sunkar International Ski Jumping Complex Athletes' Village»
- TA 5 «Athletes' Village Sunkar International Ski Jumping Complex Alatau Cross-country Skiing and Biathlon Complex – Athletes' Village»
- Transport type tourist bus

Distance between the Athletes' Village and the Alatau Cross-country Skiing and Biathlon Complex – $50.5\,\mathrm{km}$

Travel time – 50 min

Distance between the Athletes' Village and the Sunkar International Ski Jumping Complex – 43 km

Travel time – 45 min

During the competition at the Sunkar International Ski Jumping Complex the bus will be waiting for further transportation to the Alatau Cross-country Skiing and Biathlon Complex and backwards.

Transportation schedule for Freestyle Skiing

Date	Departure from the Athletes' Village	Departure from venues	Departure to the Athletes' Village	Number of transport	
Jan 29 Sun	07:00	11:15	16:00	2	
Jan 30 Mon	08:00	12:15	17:30	2	
Jan 31 Tue	7:30	11:45	17:30	2	



Feb 1 Wed	Reserve Day							
Feb 2 Thu	07:00	11:30	16:00	2				
Feb 3 Fri	07:00	12:00	17:15	2				
Feb 4 Sat	08:00	13:00	17:15	2				
Feb 5 Sun	07:30	13:00	17:15	2				

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.

If the competition finishes late, winners will be transported directly to the Medal Plaza by separate reserved microbuses from the venue.

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



6.4. MEDICAL SERVICES 6.4.1. GENERAL OVERVIEW

The 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 01.11.2016



ALMATY 2017 WINTER UNIVERSIADE - COMPETITION SCHEDULE

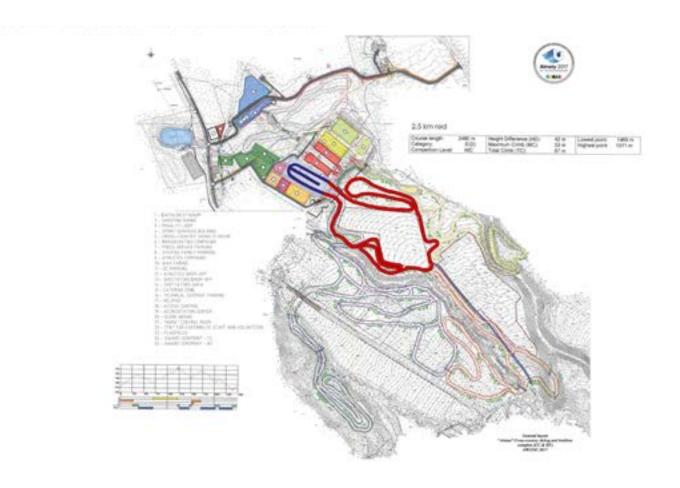


- UNIVERSIA	ADE					29 JANU	JARY - 8 FEBRUARY 201	7			***	UNIVERSIA	DE
	SATURDAY January - 28	SUNDAY January - 29	MONDAY January - 30	TUESDAY January - 31	WEDNESDAY February - 1	THUSDAY February - 2	FRIDAY February - 3	SATURDAY February - 4	SUNDAY February - 5	MONDAY February - 6	TUESDAY February - 7	WEDNESDAY February - 8	Meda Awardi
CEREMONIES «Almaty Arena»: Figure Skating Arena		19:00 Opening Ceremony										19:00 Closing Ceremony	Venue Medal Raza
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 0
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 0
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 D9 - D12 (19) 16:00 QF#1 (20) 19:30 QF#2 (21)	12:30 D10 - D11 (22) 16:00 QF#3 (23) 19:30 QF#4 (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 0
ICE HOCKEY Women «Baluan Sholalo»: 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 SF#1 (11) 20:00 SF#2 (12)	13:00 RL D7 - D6 (13)	13:00 RL D5-D7 (14) 16:30 BRONZE (15) 20:00 GOLD (16)			1 0
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 0
SPEED SKATING «Medeu» High-	Unofficial Training 09:00 - 13:00	Official Training 09:00 - 13:00	Official Training 09:00 - 13:00	09:00-10:45 Official Training	09:00-10:45 Official Training	09:00-10:45 Official Training	09:00-10:45 Official Training	09:00-10:45 Official Training	09:00-10:45 Official Training	09:00-10:45 Official Training			
Mountain Ice Rink	14:30 - 17:30		14:30 - 17:30	11:00 1'500m W 13:00 5'000m M	11:00 3'000m W 13:00 500m M	11:00 500m W 13:00 1'500m M	11:00 5'000m W 13:00 1'000m M	11:00 1'000m W 13:00 10'000m M	11:00 Team Pursuit W 13:00 Team Pursuit M	11:00 Mass Start W 13:00 Mass Start M			0 14
ALPINE SKIING «Shymbulak» Ski Resort		10:00 -12:00 Official Free Skiing on Super-G course	Super-G W/M 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 Statom W 10:00 1 st run 13:00 2 nd run	Giant Slalom M 10:00 1 st run 13:00 2 nd run	Parallel Nations Team Event 10:00	Slaiom W 10:00 1 st run 13:00 2 nd run	Slaiom M 10:00 1 st run 13:30 2 nd run	Reserve day	0 9
REESTYLE 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	«Shymbulak» Ski Resort Moguls W/M 09:00 - 12:00 Training	«Shymbulak» Ski Resort Maguls W/M 09:00 - 10:00 Training 10:30 Qualification 13:00 Finals	«Shymbulat» Ski Resort Dual Moguls W/M 09:00 - 10:00 Training 10:30 Qualification 14:00 Finals	Reserve Day	«Shymbulat» 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 9
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 Qualification 14:00 Finals	«Shymbulata Ski Resort Parallel Slalom W/M 09:00 Qualifications 14:00 Finals Snowboard Cross W/M 10:00-13:00 Training	«Shymbulak» 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	«Shymbulal» 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 10
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 9
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) 09:00-10:55 Official Tricining W 11:00-11:45 Skm (C) W 11:45-1225 Official Tricining M 12:30-13:45 10km (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 Skm (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 15:30-17:00 Official Training M	Mass Start (C) 08:00-09:55 Official Training M 10:00-12:00 30km (C) M	1 10
NORDIC COMBINED «Sunkan Ski Resort «Alatau» Cross- Country Skiing & Biathlon Complex		09:00-10:30 Unofficial Training Cross-Country10km 14:00-15:00 Official Training Ski Jumping K95	Official Training Individual Gundersen 10:00-11:30 Skl 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 3
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 0
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	64
In total	0	0	8	11	5	11	8	7	11	8	14	2	



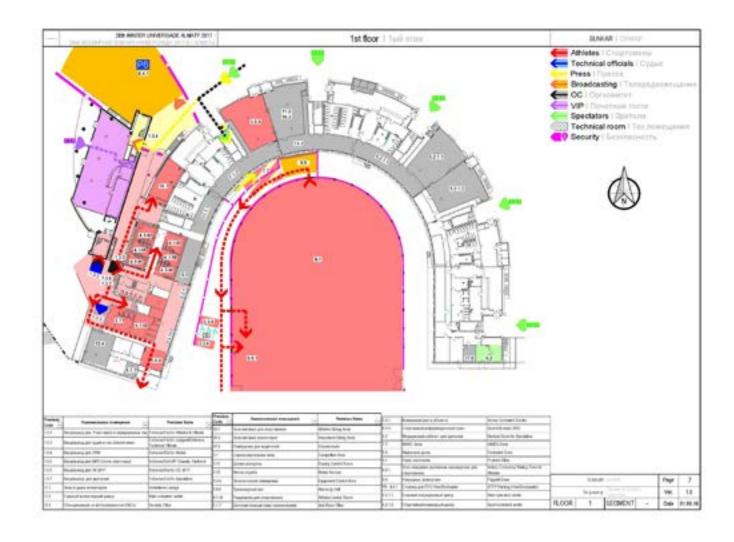
8.2. VENUE LAYOUTS

8.2.1. «ALATAU» CROSS-COUNTRY SKIING AND BIATHLON STADIUM



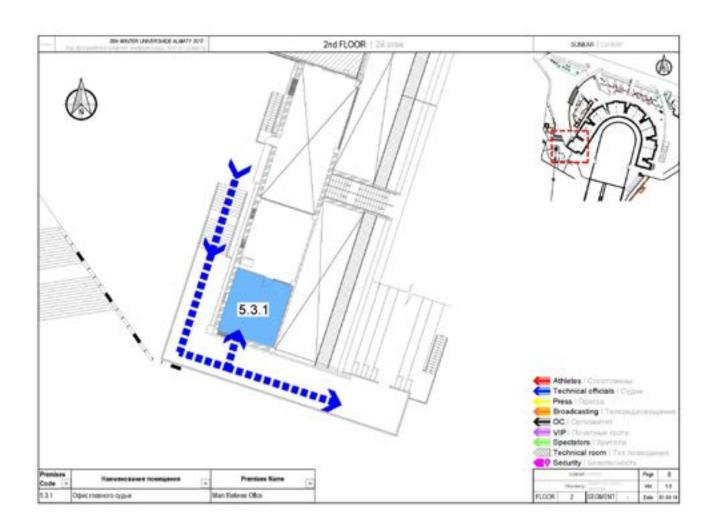


8.2.2. 1ST FLOOR («SUNKAR» SKI JUMPING COMPLEX)



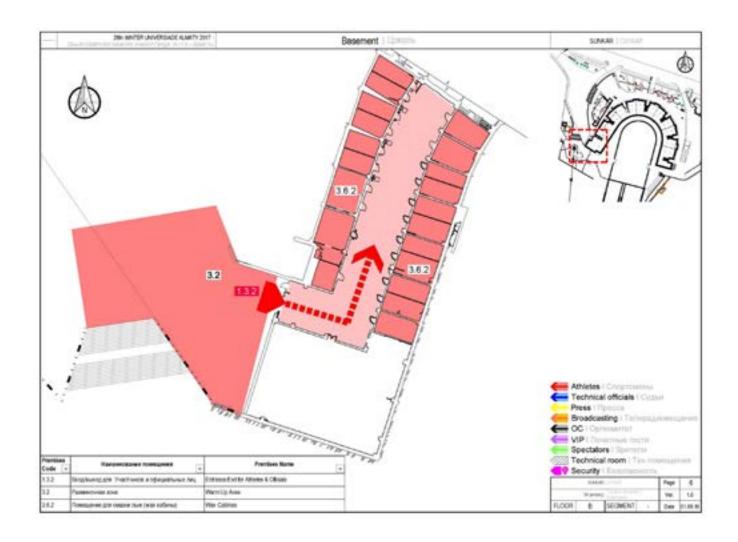


8.2.3. 2ND FLOOR («SUNKAR» SKI JUMPING COMPLEX)



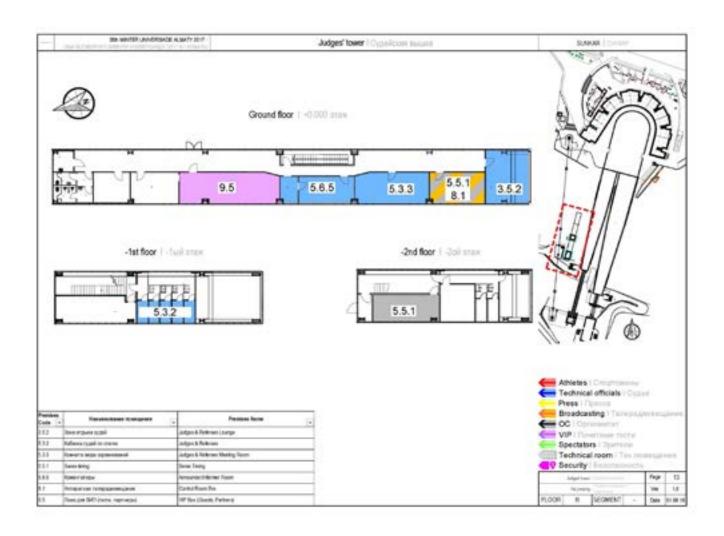


8.2.4. BASEMENT («SUNKAR» SKI JUMPING COMPLEX)



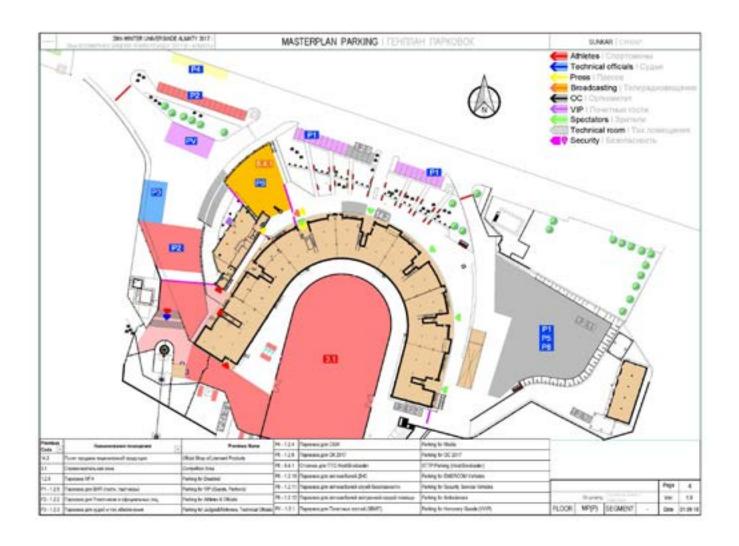


8.2.5. JUDGES' TOWER («SUNKAR» SKI JUMPING COMPLEX)



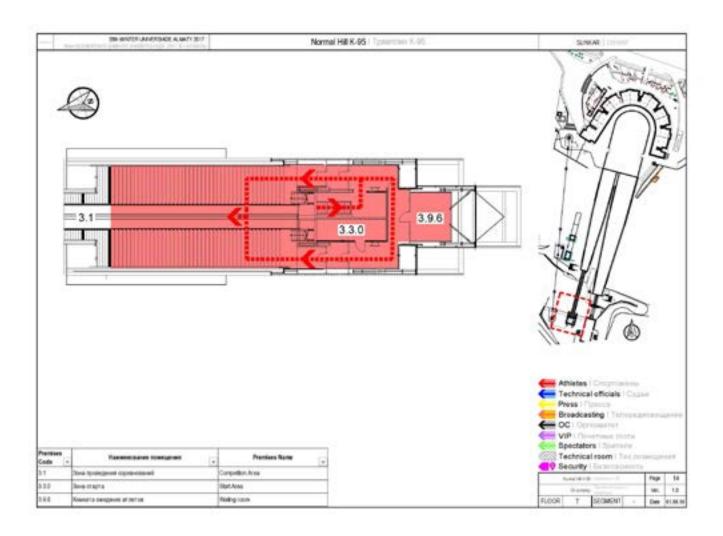


8.2.6. PARKING ZONE («SUNKAR» SKI JUMPING COMPLEX)



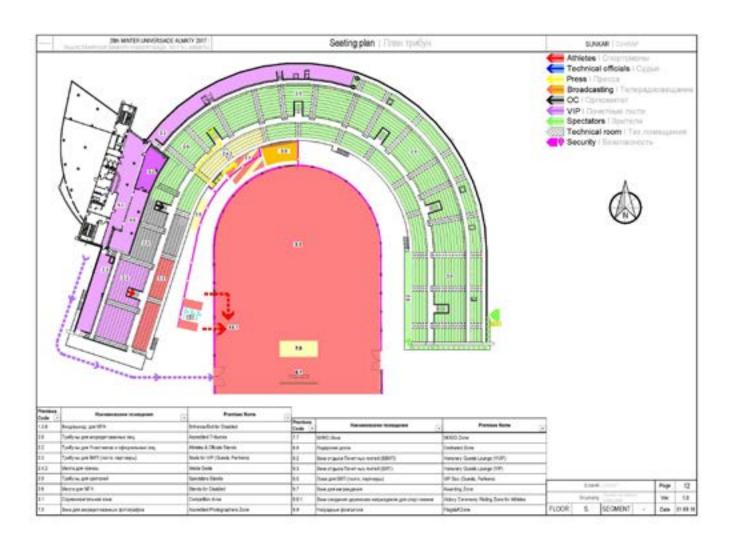


8.2.7. SKI JUMPING HILL K-95





8.2.8. SEATING PLAN («SUNKAR» SKI JUMPING COMPLEX)





8.3. DAY BY DAY SCHEDULE

Date	Day	Start Time	Finish Time	Event Name	Venue
		9:00	9:00 10:30 Unofficial Training Individual Gundersen - CC		Alatau Cross- Country Skiing & Biathlon complex
29.01.2017	SUN	12:30	13:00	Team Captains Meeting (GTM)	"Sunkar" Ski Jumping Complex
		14:00	15:00	Official Training Individual Gundersen - SJ	"Sunkar" Ski Jumping Complex
		10:00	11:30	Official Training Individual Gundersen - SJ	"Sunkar" Ski Jumping Complex
30.01.2017	MON	15:00	17:00	Official Training Individual Gundersen - CC	Alatau Cross- Country Skiing & Biathlon complex
		10:00	11:00	Ind. Gudnersen Trial Ski Jumping K 95	"Sunkar" Ski Jumping Complex
21.01.0017	TUE	11:00	12:00	Ind. Gundersen - Ski Jumping K 95	"Sunkar" Ski Jumping Complex
31.01.2017	01.2017 TUE		17:00	Ind. Gundersen - CC-Skiing 10km	Alatau Cross- Country Skiing & Biathlon complex
		20:00		Medal-Awarding Ceremony	Medal Plaza
01.02.2017	WED			Reserve Day	"Sunkar" Ski Jumping Complex
		9:00	10:30	Official Training Mass Start - CC	Alatau Cross- Country Skiing & Biathlon complex
02.02.2017	02.02.2017 THU		15:30	Official Training Mass Start - SJ	"Sunkar" Ski Jumping Complex
			6:00 16:30 Team Captains Meeting		"Sunkar" Ski Jumping Complex
		10:00	11:15	Mass Start - CC-Skiing 10km	Alatau Cross- Country Skiing & Biathlon complex
03.02.2017	FRI	14:30	15:30	Mass Start - Trial Ski Jumping K 95	"Sunkar" Ski Jumping Complex
			16:30	Mass Start - Ski Jumping K 95	"Sunkar" Ski Jumping Complex
		20:00		Medal-Awarding Ceremony	Medal Plaza
04.02.2017	SAT	10:00	11:00	Official Training Team Gundersen - SJ	"Sunkar" Ski Jumping Complex
04.02.2017 SAT		11:30	12:00	Team Captains Meeting	"Sunkar" Ski Jumping Complex



04.02.2017	SAT	15:00	16:30	Official Training Team Gundersen - CC	Alatau Cross- Country Skiing & Biathlon complex
		9:30	10:30	Team Gundersen - Trial Ski Jumping K 95	"Sunkar" Ski Jumping Complex
05.02.2017	CHAI	10:30	11:30	Team Gundersen - Ski Jumping K 95	"Sunkar" Ski Jumping Complex
05.02.2017	SUN	15:00	16:30	Team Gundersen - CC-Skiing 3x5km	Alatau Cross- Country Skiing & Biathlon complex
		20:00		Medal-Awarding Ceremony	Medal Plaza
06.02.2017	MON			Reserve Day	"Sunkar" Ski Jumping Complex

Training / Trial
Competition
Ceremony
Technical Meeting



8.4. ATHLETES' VILLAGE MAP





8.5. ALMATY CITY MAP



PARTNERS OF THE 28TH WINTER UNIVERSIADE



















BNEWS



MAIN MEDIA PARTNERS





OFFICIAL MEDIA PARTNERS











































KA3AKCTAH





28" WINTER UNIVERSIADE 2017 ALMATY ORGANIZING COMMITTEE
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