

To the
- Members of the Alpine Committee
- Members of the Alpine Conference

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- see next page

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Oberhofen, 27.10.2021

Minutes Alpine Committee
Online Meeting, Friday, 01.10.2021, 13:00 hrs

Dear Ski Friends,

We have pleasure in sending you today the Minutes of the 93rd Meeting of the Alpine Committee held online on 01.10.2021.

You are kindly asked to send any remarks to the FIS Office in Oberhofen no later than 15th November 2021 (flere@fisski.com).

We would also like to take the opportunity of informing you that the Minutes are available on the Member Services section of the FIS Website: www.fis-ski.com.

Thank you very much for your valuable contribution.

Kindest regards,



Bernhard Russi
Chairman Alpine Committee



Janez Fleré
Alpine Technical Coordinator

FIS Staff

- Jenny Wiedeke, FIS
- Jürg Capol, FIS
- Peter Gerdol, FIS
- Markus Waldner, FIS
- Jean Phillippe Vulliet, FIS
- Hannes Trinkl, FIS
- Markus Mayr, FIS
- Emmanuel Couder, FIS
- Andreas Krönner, FIS
- Mike Kertesz, FIS
- Atle Skaardal, FIS
- Tatjana Luessy, FIS
- Sandra Spitz, FIS
- Jordi Pujol, FIS
- Wim Rossel, FIS
- Daniel Defago, FIS

Other Committees, Working Groups

- Horst Hüttel, GER, Nordic Combined Committee
- Vegard Ulvang, NOR, Cross-Country Committee
- Mika Kojonkoski, FIN, Jumping Committee
- Aki Murasato, JPN, Equipment Committee
- Rudi Huber, SRS
- Hubert Hörterer, GER, Medical Committee
- Chris Moore, CAN, Legal and Safety Committee
- Pernilla Wiberg, SWE, Alpine Equipment WG
- Verena Stuffer, ITA, Athletes Commission
- Leif Kristian Nestvold Haugen, NOR, Athletes Commission

Organisers OWG/WSC

- OC OWG 2022 Beijing, CHN
- OC WSC 2023 Courchevel Méribel, FRA
- OC YOG 2024 Gangwon, KOR
- OC WSC 2025 Saalbach Hinterglemm, AUT

Honorary Members

- Oskar Fischer, GER
- Christian Poley, AUT
- Svein Mundal, NOR
- Toni Vogrinec, SLO

**INTERNATIONAL SKI FEDERATION
Alpine Committee**

**Invitation Online Meeting Alpine Committee
Friday, 01.10.2021, 13:00 hrs**

AGENDA

- | | |
|---|--------------------|
| 1. Welcome | Bernhard Russi |
| 2. Roll Call | Janez Fleré |
| 3. Approval of the Agenda | Bernhard Russi |
| 4. Approval of the Minutes of the 92nd meeting held Online in May 2021. | Janez Fleré |
| 5. Reports | |
| 5.1 Chairman | Bernhard Russi |
| 6. Executive Board | Bernhard Russi |
| Sub-Committees / Working Groups: | |
| 7. Evaluation | |
| 7.1 Data and Timing Working Group | Daniel Defago |
| 7.2 Classification of Alpine Competitors | Jeff Weinman |
| 8. Women's Alpine Skiing | Karen Korfanta |
| 9. Alpine Courses | Elena Gaja |
| 10. Alpine Rules | Michael Huber |
| 11. Alpine Technical Delegates | Markus Malsiner |
| 12. Alpine World Cup | Walter Vogel |
| 12.1 Working Group Coaches Women | Paul Kristofic |
| 12.2 Working Group Coaches Men | Thomas Stauffer |
| 13. Intercontinental Cup | Stefano Pirola |
| 13.1 European Cup | Herbert Mandl |
| 13.2 Nor-Am | Chip Knight |
| 13.3 Far East | Michihiko Nakamura |
| 13.4 South American Cup | Ernesto Cingolani |
| 13.5 Australia New Zealand Cup | Fiona Stevens |
| 14. Youth Questions | Ken Read |
| 14.1 Junior World Ski Championships | Jordi Pujol |
| 15. Ski Cross | Klaus Waldner |
| 16. Material and Equipment | |
| 16.1 WG for Alpine Equipment | Pernilla Wiberg |

- 16.2. Injury Surveillance and Prevention Program (ISPP) Atle Skaardal
- 17. Athletes Commission Verena Stuffer
Leif Kristian Nestvold Haugen
- 18. Reports from Organisers of the next major championships:
 - 18.1. 2022 Olympic Winter Games, Beijing (CHN)
 - 18.2. 2023 FIS Alpine World Ski Championships, Courchevel-Méribel (FRA)
 - 18.3. 2025 FIS Alpine World Ski Championships, Saalbach Hinterglemm (AUT)
- 19. Questions, Various
- 20. Next Meeting
FIS Congress Vilamoura (POR), 22nd to 28th May 2022

**All proposals and decisions of FIS Alpine Committee
are subject to approval of FIS Council**

1. Welcome and Opening of the Meeting

The Chairman, Bernhard Russi (SUI), welcomed all online present to the 93rd meeting of FIS Alpine Committee and extended his greetings to Johan Eliasch, FIS President, Michel Vion, FIS Secretary General and Phillippe Gueisbuhler, FIS Director, Council Members, as well as members of Working Groups. He asked for a moment of silence in the memory of Former FIS President Gian Franco Kasper.

2. Roll Call

Janez Fleré (FIS) conducted the Roll Call. Apologies were received from Stefano Pirola, Chairman of the Intercontinental Sub-Committee.

3. Approval of the Agenda

The Agenda, without additions or remarks, was unanimously approved.

4. Approval of the Minutes

The Minutes of the 92nd meeting held online in May 2021 were, without comments or remarks, unanimously approved.

5. Reports

5.1 Chairman (Bernhard Russi, SUI)

A new President was elected with a new Council so FIS is now in a moment of changes.

A Working Group Alpine with many Council members was installed and will give clear guidelines of the future vision in Alpine skiing.

He said that now is the time to wait for those guidelines but working in our daily bussines.

6. Executive Board (Bernhard Russi, SUI)

The Executive Board had two meetings during this week.

A report from the Athletes Commission "The future of ski racing" was received and distributed to the members.

The Chairman also mentioned that all proposals and changes are in line with the work that has to be done though the Alpine Working Group "Future Vision".

7. Evaluation

7.1 Timing Working Group (Daniel Défago, FIS)

Daniel Défago reported on behalf of the Working Group.

The work to simplify the installation setup for the level 2 and 3 races continue and will need some rules adaptation that they will propose for the next spring meeting.

Four new devices from different companies will be homologated in the next weeks. That gives them a very good sign that the industry still has a very good

interest to ski sport. They are also working to make the homologation tests and procedures easier without reducing the quality level and the precision. A new version of the Snowboard/Freestyle and Alpine Timing booklet will be published for the upcoming winter season.

7.2 Classification of Alpine Competitors (Jeff Weinman, USA)

The Sub-Committee enjoyed a good meeting.

The following proposals are the ones approved by the Sub-Committee:

Extension of special quotas

7.1.7 Country Groups

- For CAN-USA / DEN-FIN-ISL-NOR-SWE / ARG-BOL-BRA-CHI / AUS-FIJ-NZL / CHN-JPN-~~KGZ~~-KOR-MGL-IND-PAK / LBN-ROU-RSA-CYP-LUX-POR-AND-SRB-MON-SMR-IRL: maximum 30.
- For FRA – ESP-AND: 40 for each nation for races organised in a country of that country group in case race is not filled up to a maximum of 140 racers on the draw board.
- For CZE-POL-SVK: 50 for each nation for races organised in a country of that country group in case the race is not filled up to a maximum of 140 races on the draw board.
- For the following countries: ARM-BIH-BUL-CRO-CZE-GRE-HUN-KAZ-KGZ-MNE-SRB-MKD-POL-RUS-SLO-SVK-TUR-IRI-UZB-UKR the quota is 30 in races organised in one of the bordering countries.
- For the following countries: BIH-BUL-SLO-SRB double quota for each nation for races organised in a country of the country group in case race is not filled up to a maximum of 140 racers on the draw board.
- For BEL-DEN-LUX-NED-ISL-IRL / BIH-BUL-CYP-GRE-MNE-MKD-SRB: the quota of 30 for each nation for races organised in (or by) a country of the country group.
- For races in LIE the neighboring countries SUI and AUT receive a quota of ~~30~~15.
- The organising nation always has a quota according art. 7.1.6

Precision art. 4.4.4

4.4.4 Less than five Competitors: Maximum Value

If there are less than five competitors with FIS points amongst the first ten of the result list, or there are not five competitors who started with FIS points, then those competitors without FIS points, i.e. the remaining competitors will receive the maximum value:

| | |
|------------------|----------------|
| Downhill: | 330 FIS points |
| Super G: | 270 FIS points |
| Slalom: | 165 FIS points |
| Giant Slalom: | 220 FIS points |
| Alpine Combined: | 270 FIS points |

If less than three competitors with FIS points are ranked within the five, which are taken into consideration or at least three competitors without FIS points are classified, the competition will be considered for FIS points with a double of the maximum value (of the respective event) as minimum penalty. For the BL calculation, results are only valid for competitors without FIS points or competitors with higher FIS points than the double value used for the penalty calculation.

Travel limitation due to Covid-19 Northern Hemisphere events

FIS Level competitions (including National Championships) can be organised in nations where the access for other National Ski Associations is limited or forbidden.

The Alpine Committee supported all three proposals

8. Women´s Alpine Skiing (Karen Korfanta, USA)

The Women's Sub-Committee had an online meeting on last Wednesday with many new members.

World Cup Race Director reported during the meeting in regard to the preparation of the next winter season.

They spend some time about the topics that should be discussed in the nexts FIS Womens Seminars scheduled for the next four years.

9. Alpine Courses (Elena Gaja, ITA)

Alpine Courses met on Wednesday with 13 out of 15 members present, together with around 30 inspectors and the European Cup Coordinators reporting about some very interesting issues occurred during their summer site visits.

Since the spring meeting only 47 reports were received and related Homologation Certificates issued; but the season is far from being over as there are still 317 pending requests to deal with, hopefully before the upcoming winter, making a tough start of the season.

An updated version of the Inspection Report form was presented, with a new subsection especially dedicated to the safety prescriptions in the Finish Area, mainly in order to encourage inspectors to be more specific about this particular area, from the Finish line down to the end of the Finish corral.

Then an interesting discussion has occurred about the homologation to be done on a course involving two different countries: it has been pointed out that regardless the 'ownership' of the course itself, the most important is the agreement between both nations concerning the shared use of the same Homologation Certificate.

Finally, as per request of the Chair of the Rules Sub-Committee, Mr. Michael Huber, it has been discussed the French proposal for the introduction of Super-G in 2 runs, with min 300m max 350m VD, tabled to the next spring meetings. The result of the discussion within Alpine Courses is clearly not in favour for many reasons: from a sport perspective, from a technical point of view also regarding athletic preparation, then because it seems not good to keep shortening and shortening our events, and because it seems to be more a matter of FIS points, as we already have a 300m min VD for Super-G, but for ENL (60 FIS points minimum penalty), therefore good to have for the lowlander countries with no other choice, but not for a 'regular' FIS Super-G.

10. Alpine Rules (Michael Huber, AUT)

The Sub-Committee did not held any meeting this time and the Chairman wrote his report.

"Dear Alpine Ski Family,

as the Sub-Committee Alpine Rules did not held an online meeting this week, I neither have a specific report, nor a proposal for a precision of the ICR.

The only proposal on the table right now, is from France about introduction of a Super-G in 2 runs, which was forwarded to discuss and vote on at the spring meeting next year. Thanks to my colleagues, I already got some feedback from Sub-Committee Youth and Childrens as well as Sub-Committee Alpine Courses to collect arguments and opinions, looking forward for more feedback from Sub-Committee Classification and Technical Delegates.

That leads me to a general comment, I would like to bring forward.

Our Sub-Committee Alpine Rules has the main task to create the right wording for rules within the ICR section Alpine Skiing. We are not responsible about principle changes, introductions or deletions of Alpine Disciplines or Type of Alpine Events.

The past days, I heard several ideas. On one end, the Athletes, who remind us to the great history of Alpine Ski Racing and to take care, that new inputs should not change the basic principles of the sport. On the other end, I heard about ideas, to reduce Alpine Ski Racing to Slalom, Giant Slalom and Downhill, but each in a classic format and a short race format. Everything sounds interesting and possibly attractive for the future development of our sport competitions.

But note, if the Sub-Committee Alpine Rules have to fulfill its job, we need to get clear advice about basic principles from the Alpine Committee or the Alpine Executive Board. All ideas have to be collected and coordinated. Same is with the Super-G in 2 runs. We need a principle position and order, in which direction we should move.

For sure, we will give advice and arguments from the rules side, so hopefully I can give a more specific report in spring. Thank you”

11. Alpine Technical Delegates (Markus Malsiner, ITA)

The annual TD Update was held on Monday 27th of September and it was the fourth online meeting in a row and we hope to be back face to face in future again.

Under the guidance of Janez Flere and with the contribution of the Sub-Committee members we prepared the upcoming regional training for all the alpine TD's. I want to thank Janez for his excellent preparation of the meeting and for the clinics we are going to hold in October and November. I want to thank also Walter Vogel for being our Chairman for the last couple of years.

Dimitrije Lazarovski made us a report about the directions of FIS concerning Covid 19 Prevention Risk and I want to thank him for updating us in this matter.

Despite the exception of the article 602.2.4 of the ICR is still valid, the Sub-Committee for Alpine Technical Delegates wishes to go back to previous status quo regarding the assignments in other neighboring countries.

12. Alpine World Cup (Walter Vogel, GER)

In our meeting we provided important information for the upcoming season and gave an outlook what the next steps are for designing the future.

Covid 19 pandemic will continue to have a strong impact in the coming season. For organisers the situation is almost more difficult than last year. New concepts are needed for spectators and the question of economic viability and financing arises. Therefore, it is good to hear that FIS plans to support LOCs with the same contribution to the prize money as last year and NSAs with a Special Covid Distribution.

The Calendars for 21/22 are fixed now and we are very glad that races in North America are back. There has been some discussion because everyone is required to have two vaccinations to enter Canada, including those who are recovering. These regulations differ from the medical recommendations in Europe, which is why some athletes will be affected.

Dimitrije Lazarovski (FIS) informed about the Covid-19 Protocol and testing concept for the winter. Further educational webinars provided by FIS will prepare teams and organisers.

An impressive presentation was given by our athlete representatives, Verena Stuffer and Leif Kristian Nestvold Haugen, who clearly presented their ideas on the World Cup and the future of ski racing.

Michel Vion, FIS General Secretary, used the forum with about 120 participants to give an insight into the ideas and considerations of the new FIS leadership and what is involved in establishing the Future Vision Groups.

If decisions are made after a detailed analysis and brainstorming, they will have an impact on future World Cup calendars. Therefore, the race directors did not present longterm calendars. This has to be done by spring. The choice of the 24/25 World Cup Finals has also been postponed.

Tom Stauffer, Chair of the Working Group Coaches Men, presented a first interim result of the working group starting order speed. This will now be further developed in discussions with Marketing, TV and the Future Alpine Vision Group.

Some proposals were on the table. They mainly concern exceptions for quota calculations for the upcoming season as precisions that all were unanimously accepted.

The Chairman thanked Tatjana Lüssy, Peter Gerdol and Markus Waldner for their excellent collaboration and support.

The following proposals, confirmed in the Sub-Committee, were presented for approval in the Alpine Committee:

Alpine Combined Quota calculation (only valid for the season 2021/2022)

For the season 2021/22, the nation's higher quota, WCSL 2019/20 or WCSL 2021/22, is valid.

3.3 National quota

For each event a national quota is calculated periodically according to the World Cup Starting List (WCSL). The periods are adapted to the respective calendar planning and fixed before the start of the competition season. The quota is established on the basis of the number of competitors per nation, classified within rank 1 to max. 60 of the WCSL in the event concerned. There is no moving up.

A National Ski Association may enter a maximum of eight (8) (seven (7) for Men's competitions) additional competitors (under consideration of art. 3.2).

To extend the use of the PWSL in the Parallel Quota calculation (only valid for the season 2021/22)

3.3 National quota

For each event a national quota is calculated periodically according to the World Cup Starting List (WCSL). The periods are adapted to the respective calendar planning and fixed before the start of the competition season. The quota is established on the basis of the number of competitors per nation, classified within rank 1 to max. 60 of the WCSL in the event concerned. There is no moving up.

For Parallel the nation's higher quota, WCSL or PWSL (Parallel World Seeding List) is valid.

A National Ski Association may enter a maximum of eight (8) (seven (7) for Men's competitions) additional competitors (under consideration of art. 3.2).

To use the best FIS points ranked competitors as 2022 ANC and SAC winners

For the 2021/2022 Northern Hemisphere season, the ANC and SAC Sub-Committees proposes to give the rights for the winners of the ANC and SAC to the best athletes in each Continental Cup region ranked in the 7th FIS points list in the corresponding event.

Precisions for the Mixed Team Parallel Rules at the World Cup, FIS Alpine World Ski Championships and Olympic Winter Games

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5. Points Scoring

- The winner of each individual leg scores 1 point for his/her nation.
- In case of a tie of an individual leg, both nations are awarded 1 point.
- If there is a tie at the end of the heat (example 2:2) the nation with the lowest combined time of the best individual woman and the best individual man (or second best in case of a tie for the best time) will win the heat.
- If the teams cannot be separated by combined times, the team with the fastest single time is the winner. If the teams cannot be separated by fastest time, the nation with the better ranking on the board is the winner.
- If the teams cannot be separated by fastest time in the Big Final or Small Final, the teams will share the same rank, but will be ordered by descending bib number.
- Reasons for disqualifications (immediate and without protest):
 - False start
 - Changing from one course to another
 - Interfering with an opponent, accidentally or not
 - Not passing through a gate correctly (ICR art. 661.4.2)
 - Stepping back (ICR art. 614.2.3)
- If both competitors fail to finish, the competitor who completed the most gates will be the leg winner.

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The Alpine Committee supported all proposals

12.1 Working Group Coaches Women (Paul Kristofic, USA)

Peter Gerdol reported on behalf of the Working Group Coaches Women.

An online meeting is scheduled for the first week in October to give all coaches the last information regarding the Covid 19 regulations for the upcoming season and also updated information from OWG Beijing 2022.

The next meeting in presence is planned to be in Sölden during the opening of the World Cup season.

12.2 Working Group Coaches Men (Thomas Stauffer, SUI)

Thomas Stauffer is excused so Markus Waldner, Chief Race Director World Cup Men made a short report. Due to the actual travel restrictions in the Southern Hemisphere, all teams had to stay to train in Europe.

The first meeting is scheduled in Sölden on Friday before the first World Cup race of the season.

13. Intercontinental Cup (Stefano Pirola, CHI)

The Chairman of the Sub-Committee was excused and the following is a written report that was received.

The Sub-Committee for FIS Intercontinental Cups did not have a meeting this week, considering the normal annual meeting on spring.

Regarding the Southern Hemisphere season the Coronavirus Pandemic still impact the ANC and SAC due to the travel restrictions still in place for many of the ANC and SAC countries that not allow Northern Hemisphere teams come for their traditional trainings camps. But nevertheless they could run some FIS and National Championships races, especially in Argentina and Chile, only with local racers, with 60 races organised in all the alpine events. No races were organised in Australia and few of them in New Zealand.

Regarding the future, the EC, NAC and FEC they already presented their calendars for the upcoming season taking into consideration the current and future situation in the different countries and hopefully they can run a normal season this winter.

There is a proposal presented by the ANC and SAC, requested that for the season 2021/2022 in the Northern Hemisphere, to give the rights for the winners of the ANC and SAC to the best athletes in each Continental Cup region ranked in the 7th FIS Points List in the corresponding event.

My best wishes for the upcoming season in the Northern Hemisphere, and looking forward to see all of you in person at the next FIS Congress in Villamouira (POR) next year.

13.1 European Cup (Herbert Mandl AUT)

Meeting was held online last Tuesday. Both Coordinators made all annual inspections on site and also some of them online.

A well balanced calendar for the upcoming season was presented and approved.

The Sub-Committee is looking for financial support to get live streaming for all European Cup events in the next future. This will help for sure the organisers, motivated them trying to find local sponsors for the events.

13.2 Nor-Am Cup (Chip Knight, USA)

The NorAm Sub-Committee has been meeting throughout the summer to discuss issues heading into the 2021/2022 season. The border restrictions between USA and CAN are loosening, but some issues remain with respect to Canadians' ability to cross the land border into the USA. We are working closely between the nations to mitigate any problems for the winter ahead.

The planned race schedule will start in Colorado in November, followed by a stop at the Lake Louise World Cup site in December and then test events in Panorama before the 2022 World Junior Championships. There is a break planned through the month of January to allow North American athletes to take part in domestic and European competition. The NorAm Cup will resume in February with a block of racing in the eastern part of the continent during the Beijing Olympics. The Finals will take place in Sugarloaf in late-March.

Additionally, the Sub-Committee has submitted a proposal to adopt the same start list rules as the European Cup: 3.1.3 and 3.1.4.

We were all saddened by the loss of NorAm racing last year and we look forward to hosting robust Continental Cup calendar this winter.

The following proposal was presented to the Alpine Committee for approval:

NorAm Cup Starting List

NAC 3.1.3 Validity of Cup points

~~In the case of a tie in the 450 overall points group, competitors will be seeded in the order of their NAC points in that event. In the case of a tie in NAC points in that event, competitors will be seeded in the order of their FIS points in that event.~~

The final NASL (NorAm Starting List) is used with a validity defined in art. 3.1.4. in the next season. This will be the ranking valid for the first race. The Cup points achieved from the first race onwards in each event will be added to remaining NASL points from the past season.

If a competitor has not started in any race during the period from October 15th to April 15th due to injury, the National Ski Association may apply for the approval of a status as injured in the NASL for the upcoming season; the application to be

submitted by 30th April latest. If the status as injured is approved, the competitor will be added in the NASL of the respective event(s) for the coming season (in the final position achieved in the previous season).

NAC 3.1.4 Validity of the Basic List (NASL)

The sum of the NA Standing points of the past season in the respective event will be divided by four in Technical events, three in Speed events and two in Alpine Combined. This will establish the points that will be deleted after each race.

At the NA Finals only NA points achieved in the current season are valid for the starting order.

The Alpine Committee supported the proposal

13.3 Far East Cup (Michihiko Nakamura, JPN)

As I reported during the spring meeting, we also suffered two third of our planned races were forced to be cancelled in Korea and Japan. We were very fortunate that Russia was open for all FEC family nations in March, then we managed to complete our races. Japan NSA organised a charter flight to Yuzhno-Sakhalinsk (RUS), it was a quite a challenge and commitment to organise it in such a short period of time.

Now facing toward season 2022, our plan is confirmed as follows:

Korea GSx2, SLx2, Japan GSx4, SLx4 and Russia GSx2, SLx2, with a total of 16 events.

Unfortunately China could not make their plan due to C-19 situation. Although other nations still have their plans to be clarified the quarantine programs as get closer to race days.

We are all motivated to make our plans to be operational.

For future program, Russia is running a few speed events in Sakhalinsk which may be FEC speed events in a year after. China is willing to plan a few races for next season as well. So our circuit will be much better shape after season 2022.

We all pray and will try our best for the Far East Cup.

After autumn meeting during our Alpine TD update, all members from the hosting nations were gathered and we confirm our motivations toward FEC races.

13.4 South American Cup (Ernesto Cingolani, ARG)

The Chairman reported on behalf of the South American Cup.

Even if the situation was much better as last year, the prohibition to cross borders between Chile and Argentina without quarantine did not allowed finally to organise SAC events.

The proposal to use the best FIS points ranked competitors as 2022 ANC and SAC winners presented in the World Cup Sub-Committee was approved by the Alpine Committee.

13.5 Australia / New Zealand Cup (Fiona Stevens, NZL)

Unfortunately, cancelled sums up much of our winters with the ANC series cancelled for a second year in a row.

This was due to the Covid Delta variant breaching the highly restricted borders of both New Zealand and Australia, the slow vaccine rollouts and the Government and State responses to Covid. Both countries went into lockdown and borders were eventually shut in both directions and have remained closed. While New Zealand had planned to host the ANC series at Coronet Peak, Australian Resorts were unable to host any races this year and this was entirely dependent on quarantine free travel remaining in place between New Zealand and Australia.

New Zealand has managed to run a FIS Tech series and its National Championships but no speed events. While the points were not ideal, putting on the races was seen as important in engaging the next generation with FIS racing and competing at this next level.

Australia has been much harder hit with all FIS racing cancelled.

Our situation is like many other countries. It raises an all-important question about how we address the impact on athlete numbers and the health of our sport going forward.

Anecdotal evidence suggests pent up demand recreationally but translating this into competitive numbers might be another matter.

Australasia has been heavily affected by two winters of little or no competition, the limited opportunities at FIS level for the next generation with overseas travel to train and race being mostly non-existent. The concern here is that athletes will drift away to educational opportunities and other priorities.

However, I was encouraged when attending a regional junior race late July, whereby we had one of our biggest fields in the last 10 years – 240 junior racers.

We can only hope that the restrictions we are living under will soon ease and we can look towards a rebuild and growth strategy in 2022 and beyond and harnessing a brighter future.

14. Youth Questions (Ken Read, CAN)

35th meeting of the Sub-Committee for Alpine Youth & Childrens Questions, with full participation of all members.

Normally, the autumn meeting would be our “Experts Group”, as meeting of the full Sub-Committee is in the spring. But as our contact has been limited, an open invitation was extended to all members.

We had a lengthy meeting, with several excellent presentations.

The Children’s race Organisers Committee Chair, Hans Peter Carlson, made an insightful and challenging presentation, urging our National Ski Associations and Organisers to use the pandemic to think beyond the health issues, to broadly consider social issues such as climate change, education for student-athletes and with the financial challenges to race organisers to work towards a new sustainable basis to run these events. I would like to acknowledge Hans-Peter Carlson, who is retiring this year as their Chair and thank him for his tireless work on behalf of children’s racing.

Our Sub-Committee includes a presentation in each meeting, focused on speed opportunities – which we have flagged as a crisis situation in the youth and children level. We received an outstanding presentation from Chip Knight of USSA, introducing a speed program for early FIS, U16 and U14 on their national training center at Copper Mt. This presentation will be included in our minutes and I urge everyone to take a moment and review this presentation.

The Sub-Committee received excellent guidance for health protocols for next season, which are important to mention as our level of competition was significantly impacted last year at FIS level, and for the past two seasons at the childrens’ level, with more than a 50% decline.

We received the guidance for FIS Youth seminar, which focused on running events with Covid Protocols, as well as the continuing good work with FIS Promotion of Snowkids and World Snow Day.

Finally, we are very pleased that we have confirmed organisers for FIS Alpine Junior World Ski Championships for the next four years: 2022 in Panorama (CAN); 2023 at St. Anton (AUT), a candidature from FRA as well as two candidates for 2025. Jordi Pujol will elaborate shortly in his report.

In closing, thank you for the dedicated work of all FIS Professionals and staff for their tireless work on behalf of youth. Thanks to their exceptional preparation throughout the summer period, so we can anticipate a full competition calendar for our Youth and Children.

We have one proposal for the Alpine Committee from the Sub-Committee, and as the Chair of Rules Sub-Committee mentioned we will review the proposal from FRA regarding Super-G in two runs.

FIS Alpine World Junior Ski Championship, Panorama (CAN)

Deadline for the organiser to confirm the event will be on 30th November 2021.

A reduction in number of events and NSA quotas is also possible and will also be confirmed at the same date.

The Alpine Committee supported the proposal

14.1 FIS Alpine Junior World Ski Championships (Jordi Pujol, FIS)

All inspections in Panorama are done. The same procedure as last year will also be implemented for the Championship this year. (See proposal above under point 14)

The organisers of the 2023 World Junior Championships, St Anton (AUT) reported that all is going according to plan.

France presented a formal letter with 4 potential candidates to organise the 2024 Championships. Inspectios will take place with a recommendation to FIS Council.

Two candidates remain for the 2025 event, Yuzhno-Sakhalinsk (RUS) and Soldeu (AND).

15. Ski Cross (Tommy Eliason, SWE; Klaus Waldner, FIS)

Short report of Tommy Eliason, Chair of the Ski Cross Sub-Committee.

As we approach the Olympic season of 2022 we are on a path of change. The decision to realign with our historic and cultural heritage within Alpine Skiing has been made and the process is on its way.

As the Sub-Committee was officially nominated this summer, we have started the process of reviewing our ICR, our FIS point system and working out a new vision statement for the upcoming 5-7 years. Our ambition is to have one FIS code for our athletes making them the transfer in between the alpine skiing events as easy as possible. By leveraging the experience and knowledge of both our Sub-Committee members and our new alpine skiing family we are off to a great start. FIS Staff with the lead of Klaus Waldner and Uwe Beier are on route of getting an extensive World Cup calendar in place with 15 races in Asia, North America, Europe and Scandinavia. The effort being put in by the LOCs, the NSAs and the staff is tremendous in a still pandemic situation, and this is a sign of the strength that lies within our sport, our

community sticks together in times of challenge.

The Ski Cross community is on a pathway of growth and with the help and work of the people within and close to our community I am sure we will accomplish whatever we set out to do.

Report from Ski Cross Race Director Klaus Waldner

The preparation for the new season started right after the last season 20/21. We were very happy that we were able to run a really successful last season despite the ongoing and uncertain global corona pandemic circumstances. In the run up for the upcoming season I recognized fast that the covid 19 pandemic will be still a big issue in the calendar planning for the upcoming season but all our organisers did again a tremendous job. Through the commitment of our long term organisers we were able to confirm one of the largest Ski Cross calendars ever. There will be for sure again corona protocols in place but we know now how to deal with these protocols and that's just some small inconveniences in place which will allows us again to compete a whole world cup season.

Furthermore, we will be able to come back to Nakiska (CAN) and Innichen (ITA) with back-to-back races on each venue. The last month we already did successful onsite inspections in Arosa (SUI), Veysonnaz (SUI), Val Thorens (FRA), Idre Fjäll (SWE), Innichen (ITA) and Reiteralp (AUT). After the fall meetings onsite inspections in Sunny Valley (USA), China and Nakiska, will follow.

The only organiser which had to step out for the upcoming season due to the ongoing corona circumstances is Feldberg (GER). We hope that we can come back to Germany and Feldberg in the next season.

The first invitations are already sent out by the organisers and we are ready to go into the Ski Cross season 2021/2022 with 14 single events and one team event in Arosa. Thanks to the OC in Arosa for adding an additional team event to the race program and pushing this format forward.

16. Equipment (Bernhard Russi, SUI)

No special remarks from Equipment Committee.

16.1 Working Group Alpine Equipment (Pernilla Wiberg, SWE)

During the online meeting held on the 29. September the following points were discussed.

- a. General discussion about the mission of our group going forward and the email from Bernhard Russi, Chair of FIS Alpine Committee. Result of the discussion was that we will have the possibility to invite people with innovations for alpine equipment and be able to evaluate them.
- b. Cut resistant fabrics discussion. To get a FIS label the fabric/garment has to test above the "1 star" threshold all over, which will be the minimum standart. For 1-FIS-star level the entire garment must meet the minimum parameters.

Repeatability, 4 out of 5 tests of the same textile must have a cut resistance of at least 200mm in 3 directions of the textile: 0° / 45° / 90°, the direction with the lowest cut resistance value defines the FIS-star-level

| Force (N) | 100 | 200 | 300 | 400 | 500 |
|------------------|------------|------------|------------|-------------|--------------|
| FIS- | * | ** | *** | **** | ***** |

| | | | | | |
|------|--|--|--|--|--|
| star | | | | | |
|------|--|--|--|--|--|

If you want to have a 2 star label the whole fabric/garment has to test above that threshold and so forth. For those fabrics having a few spots with higher cut resistance than 1 star, we propose to get one or more + behind the star obtained. It is important to point out that it is up to the manufacturer of the fabric/garment to do the marketing of these products as they find appropriate.

- c. Discussion about the scientific document about injury risk factors in alpine skiing. Atle Skaardal, explained about the role of ISPP and the ongoing projects there. A budget has finally been approved by FIS Council and one important alpine project for the upcoming winter is to look at the downhill jumps and how they can be built to avoid injuries.
- d. AirBag discussion. It would be preferable to have a more clear stand from all committees in the FIS about how to proceed when it comes to make the AirBag back protection obligatory or not. The discussion went on for a while but we concluded that it is impossible to find a clear view on this. The development of the AirBag back protection has not moved a lot forward since its initiation. The group would like to see more improvements before we can give a straight yes to make a protection like that obligatory. We discussed about the difference between to wear a normal back protector and an AirBag back protector and which one is really protecting the spine better. The AirBag back protector is a fantastic protection for Moto GP but they have another system for the neck/helmet that we do not have in alpine skiing yet.
- e. A new AirBag release system for bindings will be shown in Sölden this fall. We are all very much looking forward to see this. An improvement of bindings has been on this working group's agenda since it's start in 2011.
- f. We were presented about some concerns for the anti friction layer on the toe binding that has become wider than before. That may cause the skis being even more aggressive in a turn. If that is the truth it would be to go in the wrong direction when it comes to injury prevention.

16.2 Injury Surveillance and Prevention Program (ISPP) (Atle Skaardal, FIS)

Atle Skaardal reported in the name of the chairman, Dr. Hubert Hörterer. Various injury prevention measures are initially implemented every year, but without an appropriate and long-term budget for ISPP that guarantees the financial resources necessary for the implementation of the scientific and professional established long-term injury prevention work plan that already exists, we will only be able to work with the "tip of the iceberg" also in the future.

FIS Director Philippe Gueisbuhler then presented the future vision of the ISPP Steering Committee and informed that the new FIS management envisages an extension from injury surveillance and prevention to a complete Athlete Health Unit including injury prevention, mental health as well as "safe guarding". The work following this vision is well underway, and Gueisbuhler hopes to present the new Athlete Health Unit for all disciplines next spring.

In the meantime, the FIS management wants and confirmed ISPP to continue some specially selected projects and measures for alpine skiing that are already well underway, and which also already received budget approval from FIS Council in June.

The service provider for the FIS injury registration system, SAP, is unfortunately late with some important updates and still also need to fix some "bugs" in the data registration system, but everything is meant to be up and running before the start of the season in October.

Ski jumping and Nordic Combine are now also included in the injury data registration system and Ski Cross should be the next disciplin.

The Steering Committee is aware of the challenge of getting all injured skiers to complete their injury registration online, despite whether or not they will be given injury status, so it was suggested that a online webinar with the NSA's should be held later this fall to increase knowledge and motivation by the athletes and NSA's to use the data registration system more regularly in case of injuries.

Based on projects and work through the last last season, special protection products of cut resistant undergarment and also airbag protection are now recommended by FIS, used as additional protection for next season, and specifications for these recommended products are included in the equipment regulations.

Science partners from the University of sport science in Oslo and the University Balgrist / Zürich gave short presentations at the meeting about studies that ISPP want these universities to conduct during the coming season, the studies are about course setting registration, DH jumps and also a very important study about physical conditions for young alpine skiers, warm up programs and safe return to sport after severe injuries.

17. Athletes´ Commission (Verena Stuffer, ITA-Leif Kristian Nestvold Haugen, NOR)

The following document was presented by the Athletes representatives to the Executive Board and the World Cup Sub-Committee.

The Future of Ski Racing

Do we need to change the sport (ref: tennis, golf etc.)?

Alpine skiing is an old traditional sport with great history that still fascinates people.

We should however think about how we could improve the visibility of our sport.

Technological features could make it even more exciting.

We are in the entertainment industry. How can we entertain our audience?

Tennis, golf and sailing (Americas Cup) to mention a few that have managed to renew their sport without changing the sport. The same could be done in alpine ski racing. Look at other sports that have been through a transition to capture their existing audience and broaden their range.

Should we consider adding i.e.:

- Heartrate on the athletes - instant info to the viewers.
- Accelerometer (g-force, speed, etc.). Constant and instant information.
- Open radio com coach/athlete like in Formula 1 (before start and after finish).
- Ghost of the fastest racer 5 sec through the split?
- Improved camera angles (POV cam, Drone etc.)
- Special bibs for i.e. Youngest on start (Sponsor?), Youngest qualifier (Sponsor) highest bib in the second run (Sponsor), Overall leader.
- Special prize money for highest bib with best result, best start split or middle

split with sponsors paying for the spot, best finisher (sponsor..).

- Special prize for the best time in the second run (tech events) sponsored by.....

Short term:

1) PARALLEL AND ALPINE COMBINED

Alpine Combined to be replaced by the Parallel?

From a survey among the athletes:

- 70% of the top15 (men and women) do not want to have Parallel included in the World Cup Calendar.
- Top 15 want to focus on the 4 main disciplines.

Worth thinking about

- The top15 are the ones who make noise if something is not going well.
- Public should have a positive feedback from athletes.
- Parallel is still a „building site“. How should the building continue into the future?

If Parallel would finally replace Alpine Combined

Defined number of events in the World Cup Calendar (proposal: 2 Parallels, 1 Team event).

Interviews should be scheduled so that athletes know exactly when he/she has to give the interview (for example every loser at the end of the run...)

Parallel could be a good season opener (kick off) ex. in Lech/Zürs and it should be a high quoted event.

A hybrid between GS and SL. 16-18m own dedicated ski that the brands can market and sell in the stores. No one wants to buy a SL or GS race ski, but a parallel ski could hit the sweet spot for the dedicated on-piste skier.

The 16-18m speed is higher than SL to prevent cross blocking and reduced risk of injury while it's slower than GS. More jumps well built with smooth takeoff and landing. LED commercial screens under each jump for increased interactive marketing.

Weight between the disciplines

It should be an equal amount of races between the 4 main events. 50/50 speed and tech, but also try to make it 50/50 between GS/SL (10+10) and 50/50 DH/SG (10 + 10)

2) STARTING ORDER

„Starting order“ – Working group is working on it, especially for the speed events.

3) PRIZE MONEY

- Due to the pandemic, in the season 2020-21, FIS helped the LOC with 20% of the prize money (20% of the minimum prize money of 120.000 CHF). For the nearest future, FIS should/could add this 20% to the 120.000 CHF for a total of 144.000 CHF.
- Prize money should be spread out better. At the moment, the 10th placed get about 1.800 CHF and the 20th about 1.000 CHF. Prize money should be higher for the top10. There should be a regulation

identifying the prize money allocation structure.

- Special prize money for the best starter, best finisher, longest jump, highest speed...(special sponsors).

4) TV-BROADCAST

Fans generally prefer to spend a day out on the slopes with the family instead of watching a ski race on TV. How do we capture this audience?

Most of the tech races GS and SL should be a night event during dinner time. Speed events should be around lunch time. Should all the races be during the weekend? Some could be during the week without occupying rooms in the resorts from the tourists.

Making ski races more attractive in broadcasting (including more technological features) could capture this family who prefer to go outside during the weekend.

5) COURSE SETTING AND SLOPE PREPARATION

- Snow conditions should be the same from top to bottom
- Downhills should be set as a downhill avoiding too turning parts where it is not following the natural course of the slope
- Jumps can be long but need to follow the terrain and never allow for a ``kicker``
- Make sure the bottom of the course in any of the events with high speed will have a well prepared finish area and well prepared and ``smart``course setting in the end that can prevent injuries or accidents because of fatigue.

6) INJURY PREVENTION

- When double DH races (Back to back) See if it would be a good idea to have one DH a little shorter then the other (Lower start).
- Reasoning is that DH is mentally and physically challenging and with 2-3 training runs + 2 races in 5 days it could be too much with focus and fatigue increasing the risk for injury. Especially if this is combined with the DH/SG race weeks that follow each other in Lake Louise and Beaver Creek, and Wengen and Kitzbühel.
- The same could be said for the double GS races (Alta Badia). Where fatigue on day two could be a factor when it comes to safety and injury prevention. The length of the runs is not necessary a requirement from the fans and spectators. We would rather argue that athletes that are skiing 1min GS with full gas 100% effort is more fun and spectator friendly than when you ski 1.20+ with the last 20 sec just to make it to the finish. This is not to say this should be a standard, but venues well suited for a good show shouldn't be excluded because it can't host a 1.20 sec GS race. You can also argue that the shorter run time will make the TV broadcast more compact.

Medium term:

1) World Cup and COC ALIGNMENT

Make continental cups more attractive (like ATP 250, 500, 1000) or PGA, European Tour, Asian Tour etc. Sell the TV rights for COC races, make them attractive with ranking incentive and prize money incentives. Make COC a better feeder to World Cup and then World Cup is a smaller field qualified through continental cup (World Tour Race).

Organise COC in the same places as World Cup or at venues willing to pay and promote the COC races. Maybe call everything under World Cup for ex. World Tour as these other cups sounds like a ``little`` league cup. By increasing the prestige and interest around the COC (World Tour) Revenues for the NSA, FIS will increase and will open for the possibility for more athletes to make a living from skiing and also increase prize money earnings.

With more prestigious COC races the biggest stars will show up to compete when it fits into the calendar (If you're a GS specialist or SL etc you have plenty of time to enter COC races when there is no scheduled GS races etc).

Extra

Extend the season and move World Championships back.

- With alpine being the biggest muscle within the FIS, alpine should also be in the driver's seat when decided on when to have the World Championships. With interest for World Cup races dropping after a Championship, we should strive to extend the World Cup season before the WSC. If Alpine could make a switch with the Nordic events (Cross Country, Nordic Combined and Ski Jumping), we could potentially extend the main World Cup season interest with two-three weeks +.

Marketing for athletes

- Similar rules for individual athletes from each nation commercially.
- The helmet should be the athlete's ownership and the individual athlete's right to sell.
- Currently most countries (NSA's) have opened for the athletes to sell this spot, but a few countries like Norway and Sweden do not allow this.
- This will make the athletes less dependent on FIS prize money and bonuses from ski contracts to make a fair living. This will allow the athletes to have a safe income and not only rely on race bonuses.

The best athletes do not have a problem to make a living and are well off financially, but the second best and the once that are ranked above 15-20 in the world do have a harder time to make the ends meet. We need to make sure that the second best also can make a solid financial income to increase the attractiveness. This also goes back to increased prize money in general and focuses on making COC an attractive and prestigious arena.

18. Reports from Organisers of the previous and next major championships:

There followed a series of short presentations by representatives of the venues briefing committee members of the final reports or current states of preparation.

18.1 2022 Olympic Winter Games, Beijing (CHN)

18.2 2023 FIS Alpine World Ski Championships, Courchevel-Méribel (FRA).

18.3 2023 FIS Alpine World Ski Championships, Saalbach-Hinterglemm (AUT).

18. Questions, Various

The following proposal from the Sub-Committee for Alpine Citizen Races was supported by the Alpine Committee and will be sent to FIS Council for the final approval.

| | 2020/2021 | 2021/2022 | 2020/2021 | 2021/2022 |
|-------------------------|--|------------------------|--|--------------------------|
| SL/GS PER RACE | CHF 25.00 | CHF 30.00 | EURO 20.00 | EURO 25.00 |
| Super-G | | | | |
| 1 DAY 1 RACE | CHF 30.00 | CHF 35.00 | EURO 25.00 | EURO 30.00 |
| 1 DAY 2 RACES | CHF 40.00 | CHF 45.00 | EURO 35.00 | EURO 40.00 |
| 2 DAY 2 RACES | CHF 55.00 | CHF 60.00 | EURO 50.00 | EURO 55.00 |
| AC PER RACE | CHF 35.00 | CHF 40.00 | EURO 30.00 | EURO 35.00 |
| DOWNHILL | | | | |
| 2 DAY (2 TRA 1 RACE) | CHF 75.00 CHF 90.00 | CHF 80.00 CHF 95.00 | EURO 65.00 EURO 80.00 | EURO 70.00 EURO 85.00 |

The Chairman of the Alpine Committee then thanked the Chairmen of the various Sub-Committees, their members, as well as the Executive Board members, the various Working Groups and FIS Staff for their work and continued support.

For more details in regard to all Sub-Committee meetings (agenda, minutes) see www.fis-ski.com under Members Section.

19. Next Meetings

FIS Congress in Vilamoura (POR), 22nd to 28th May 2022

There being no further business the Chairman closed the Meeting.

For the minutes, Janez Flere

Read and approved by Bernhard Russi, Chairman Alpine Committee