

Venue Requirements - Snowboard FIS World Cup **PARALLEL (PGS, PSL, PAR-Team Mixed)**

A Parallel race slope should be prepared already over several weeks ahead of the competition in order to achieve one consistent and compact layer of snow. 8-10 days (depending on weather circumstances) before the first training the OC should start the final preparation of a hard, packed (but not icy) slope. In advance water injection may be supportive in order to provide a manageable snow surface under various weather variables. Frequent and experienced cat driving respecting the local conditions (weather, snow, temperatures,) is required. The snow grooming equipment must be fully functional and well maintained. Snow making and careful preparations must start weeks ahead.

Preparations - Staff / Material	# of People
2 adequate snow-cats (with reverse fraise) Normally one winch machine, except for relatively flat terrain. 1 snow blower if possible	2 experienced snow cat driver – no regular snow cat shift
Transport start gate and helpers to put in the start gate	2-4 with solid steal metal shovels, 2 pickaxes and a chain saw


Competition day - Staff / Material	# of People
1-2 snow-cats to prepare race-slope (early - depending on weather, etc.)	1-2 experienced snow cat driver – no regular snow cat shift
Starter	1
Assistant Starter	3 1 Assistant Starter 2 for each start gate one person
Chief of Competition (in Jury)	1
Hand timing (only during Qualification)	3 2 in the Finish 1 at the Start Equipment will be provided by Swiss-Timing
Course Referees	1-2 To control the course (gate passage, interferences, etc.) in addition to the Jury
Gatekeepers	1 per gate with adequate rakes and shovels. a sufficient number, min. 10-20 of terrain-park shaping tools) is required additionally to the normal rakes (approximately 40-50 persons)

Course Maintenance	6	3 groups with 2 persons on skis only each group with drill, extra batteries, wedges, hammer, gate-key, stubbies, long poles, gate-flags, B-net poles, etc.
Dye crew	2-4	Experienced to work with the pumps (min. one reserve pump available)

Slippers	24-30	experienced skiers Some equipped with rakes/shovels
Security - Crowd Control Start area - Finish area	3-4 1 1	each side of course (upon local demands and regulations)
Accreditation control	4-6	around the start and finish area – depending on the amount of zones and spectators
Exit Gate Control	1-2	important also to direct athletes for TV


Competition day - Staff / Material	# of People	
Medical Person - Doctor - SOS People	2 4-6	minimum at start—either ski or skidoo (qualified in Advanced Cardiac- or Trauma Life Support, ACLS/ALS) two groups of 2 persons + 1 sledge if one crew have to leave the second remains at the start (qualified in ALS/ACLS and/or paramedic with capability in advanced airway management) (According to FIS MEDICAL GUIDE and local protocol)
Score/Results Board - Finish - Start	2 1	to write down times/ranks—radios OC to write down times/ranks—radios OC
Runner	2	1 for copies of results for the venue (RD,, start/finish) 1 for TV/press/media (ideally on skidoo) An adequate technical solution, e.g. an administrative with a result printer at the start can be an alternative
Skidoos incl. Driver (whole day)	5	depending on lift-situation
Building Crew (separate Crew)	4-6	to help building TV-platforms, etc.
Miscellaneous Staff – fence	6-8	
Winners Presentation/ Award Ceremony	5	1 responsible person 4 to present the awards Run-down according the procedure as described in the WC Organisers Manual
Doping Control	12	6 women and 6 men (chaperones)

Fencing	1 m high crowd control fence on both sides of the course to separate the course from the general public incl. start/finish area. B-net (some areas double) and other safety nets and padding (for TV-towers, trees, lift-towers, etc.) as per required by race jury. Skidoo lane should be fenced off.
Starting Gates	Will come with Swiss Timing – Regular power needed (Check ST service Catalogue).
Dye	Blue for dyeing the race line (minimum 4 pumps and 4 skiers to do the dyeing) Red colour only for finish line. (The pumps should be prepared/checked to spray a constant 15-25cm wide line)
Snow preparation	If necessary, fertilizer, regular-salt (corn size 1-3, 3-5, 5+) and water Additionally numerous buckets required for spreading.
Official Notice Board Result Board	A suitable board in the finish area (marked as “OFFICIAL NOTICE BOARD) - close to the exit gate (minimum 2 x 2 meters) to post results, heat sheets, jury decisions, etc. and to write down times/rank during Qualification and Finals. A suitable board in the start area (minimum 1 x 2 meters) to post official results, jury decisions, information and to write down times during Qualifications and Finals. Printer at the start connected to Timing house in the Finish is ideal
Start Tent	Available for competitors in case of demanding weather circumstances - minimum 5 x 5 meters, closed, secured and heated - (restaurant within 100m is adequate)
Drinking water	Hot tea and cold water (without gas) during training and competition for competitors
Toilets	1-2 portable toilets (or restaurant) located close (max. 100m) to the start area are adequate – further away or in the finish is inappropriate

<p>Sound System</p> <p>Speaker</p> <p>DJ</p>	<p>Specifications as per sound company and local situation – during competition (riders on the course) no/not too much noise to interfere with the race and TV – welcome during breaks in between the heats. English is required and respective national language – ideally two speakers/ announcers (also for inspection, qualifications and awards). Very important – musical selection depends on the audience and local habits, but should also be ambivalent to snowboarding.</p>
<p>Communication / Radios</p>	<p>OC provides 14 radios to run the competition (according to FIS radio list) OC requires extra radios for their internal communication.</p>
<p>Ski Doo's</p>	<p>4-5 ski doo's (with experienced drivers) are necessary for the finals in Parallel (exceptional a suitable lift just beside the Parallel-course) in order to match the tight live TV run-down. Goal of 2-3min turn-around finish to next start of athlete.</p>
<p>Poles / Gate flags</p>	<p>Long poles: Minimum of 40 red and 40 blue f i x e d (no joint) FIS homologated long plastic poles (outside poles) and a minimum of 4 gate keys from the OC. Plus extra 40 poles (various material) to close the race line (during inspection)</p> <p>Stubies: The LOC is responsible to provide 40 red and 40 blue short poles (currently only LISKI & SPM stubbie model with the soft hinge/bending is accepted for the WC). Minimum of 4 gate keys required from the organiser.</p> <p>Gate flags: PGS/SBX size of gate flags to be provided by the Local Organiser (LOC).</p>
<p>Data & Timing (Building, Requirements,...)</p>  <p>Timing cable</p> <p>Timing start</p> <p>Internet connection</p>	<p>A heated lockable building/container with power (separate electric circuit) and tables and chairs for 6 people (minimum 12 square meters) with windows, located adjacent to the finish line is required at all venues. FIS data processing company (Swiss Timing) will provide more details in the Swiss Timing Service Catalogue. sandy.nemcic@swisstiming.com, gregory.sage@swisstiming.com. Tel.: +41 79 158 36 48; mob.: +41 79 768 36 98 or +33 6 20 74 84 94)</p> <p>Start to finish timing cable (minimum 6 pairs) Intermediate to finish (3 pairs) Table for electronic equipment (min100x40 cm)</p> <p>High speed, separate and stabile Internet connection (preferable wired connection) required for live timing data transfer! Further information and detailed requirements will be directly provided by the Data and Timing provider.</p>

Training courses	All venues must provide training space - closed for the public - for minimum 4 lines (minimum 20 gates long). The terrain and snow conditions should be similar to the competition slope.
Warm-up courses	On the event day a warm-up space must be provided (closed for the public) for a minimum of 3 lines (adequate for minimum 15 gates ~ 350m PGS/ 200m PSL) as close as possible to the race hill. The terrain and snow conditions should be similar to the competition slope.

Video Control	OC, usually in cooperation with the host broadcaster, must provide the possibility to review any sequence of the entire competition (according to FIS BROADCASTER MANUAL !) by a FIS approved Video Controller (might have to be provided by the OC) https://www.fis-ski.com/en/inside-fis/document-library/marketing#299c00b095d8ea7ac53c6edb
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Start-, Finish-, Awards-, Interviews-, Advertising-, Material  Winners Presentation/ Awards	Usually can be provided by FIS Media & Marketing (M&M) ACTIVATION team. According to the FIS MARKETING GUIDE . https://www.fis-ski.com/en/inside-fis/document-library/marketing Andi Marugg (Marugg@fisski.com , Mobile: +41 78 692 88 11) Podium (2-1-3) provided by FIS Media & Marketing (M&M). Usually in the Finish Area. Alternatively, a stage (5x4 meter) beside the finish area (where TV cameras have easy access). Table for the prizes required. In front of the awards podium a minimum 4 m corridor with 1 crowd control fence (rope) for press/TV/photographers. FIS SB Alpine Media Coordinator / Photographer Matheusz Kielpinski (kielpinski@fisski.com , mobile +48 664155166) Miha Matavz (info@mihamatavz.com , mobile +38 641 608469)
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Power	Will be needed at: <ul style="list-style-type: none"> - Start - Finish Area - Data Building - Award-Stage - Speaker/DJ
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Final Bibs at major events:	The bib numbers will be divided in finals-bibs and training/qualification-bibs. The bib numbers for the finals have to match the qualification/seeding ranking (e.g. 1-16,...) and get distributed accordingly. The bibs 1- 16 ought to be hold back for the finals. The qualification bibs should then get distributed starting with the first number out of the final bibs (e.g. 17, 18,...)
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The FIS Data processing, timing and venue-setup agencies (Swiss Timing and FIS Marketing AG) shall contact OC directly for additional transport and staffing needs and vice versa.

Agreed by: _____ Date: _____
Resort/OC Representative

Agreed by: _____ Date: _____
FIS Inspector