

INTERNATIONAL ORIENTEERING FEDERATION

Updates from the IOF Map Commission

Agenda



- **Finding Mapping related Information on the IOF Website**
- **Printing Certification requirement has ended**
- **Checklist for controlling the map making of high-level IOF Events**
- **Map Control for IOF Events**
- **Printing and Colour definitions (Printing paper and plastic bags)**
- **ISOM and ISSprOM**
- **ISOM 2030**

Where to find Map Specifications and supporting documents



← → ↻ 📄 orienteering.sport/iof/mapping/

IOF LIVE WORLD CUP CALENDAR & RESULTS * RANKING * WORLD ORIENTEERING WEEK * TBE - DON'T RUN THE RISK

IOF **Orientationg** SkiO MTBO TrailO News **Inside IOF** Learn & Meet LIVE TV 🔍

IOF

- Anti-Doping
- Educational material
- Fair Play
- Global Development
- For athletes
- For event organiser
- Rules
- IT
- Environment and sustainability
- Mapping**
- Map Commission
- International Conference on Orienteering Mapping
- O-Map Wiki
- MC Archive
- Sponsoring and advertisement
- Governance and organisation
- IOF Shop
- History and archives
- Communication and Media

Mapping

International Specifications
National map commissions can download IOF Mapping documents package containing InDesign/MS Word files for translations from here. Please report all errors to the IOF Map Commission or to the IOF Office.

International Specification for Orienteering Maps (ISOM)

- Start
- Call for ideas - ISOM 2030.pdf 01.11.2024 152 KB
- IOF ISOM 2017-2 Revision 6 January 2024.pdf 01.01.2024 11 MB

International Specification for Sprint Orienteering Maps (ISSpROM)

- Start
- Guidelines for complex urban structures (last update 2022-01-21).pdf 17.09.2022 3 MB
- IOF ISSpROM 2019-2 Revision 6 January 2024.pdf 27.02.2024 10 MB

International Specification for MTB Orienteering Maps (ISMTBOM)

- Start
- ISMTBOM 2022 Revision 3 April 2024.pdf 04.04.2024 8 MB

International Specification for Ski Orienteering Maps (ISSkiOM)

- Start
- IOF ISSkiOM 2019 Revision 3.pdf 20.09.2024 3 MB
- Ski-O map symbols 2019.pdf 16.11.2019 1 MB

Map printing

- Start

IOF Printing and Colour Definitions A4 Revision 4.pdf	22.09.2024	2 MB
PrintTestSheet_2024_v1.occ	23.09.2024	230 KB
PrintTestSheet_2024_v1.omap	23.09.2024	241 KB

Map checking

- Start

Control process of the mapping for major IOF events (updated September 2024).pdf	13.10.2024	112 KB
Event Adviser checklist for controlling maps Revision 6 September 2024.pdf	13.10.2024	167 KB

Ending the requirement of Printing Certification




- During the joint IOF meeting in January 2024 it was agreed to put an END to the Printing Certification process and to give the print quality responsibility to the Senior Event Advisor (SEA). To help the advisor with this task the SEA shall use the IOF Print Test Sheet.

Checklist for controlling the mapmaking of high-level IOF Events



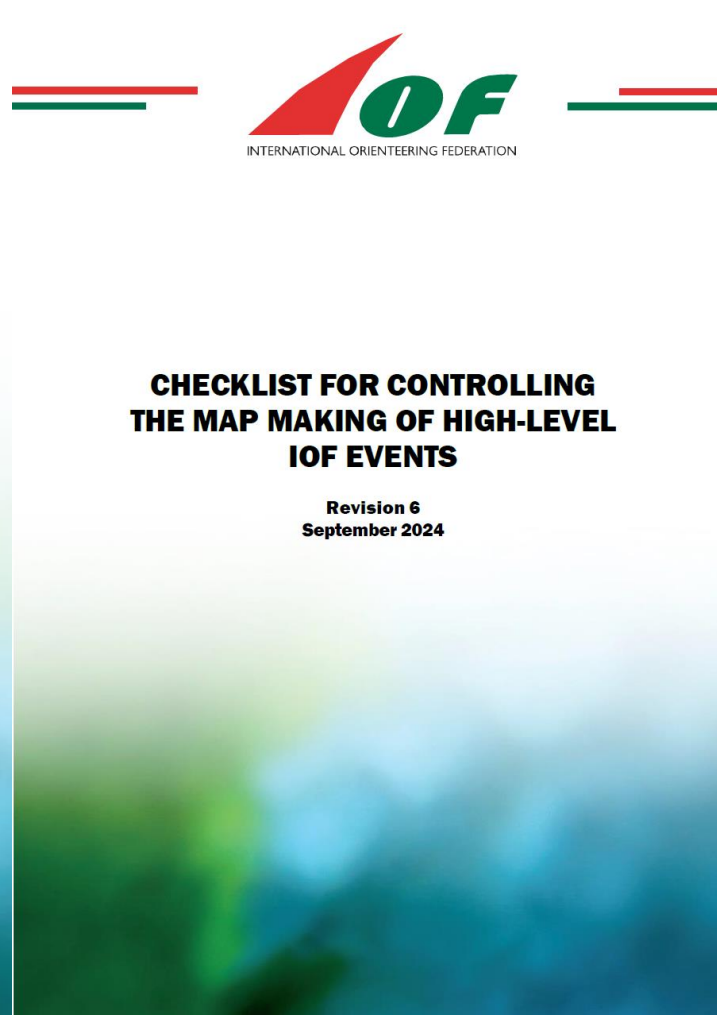
Map checking

- Start

 Control process of the mapping for major IOF events (updated September 2024).pdf

 **Event Adviser checklist for controlling maps Revision 6 September 2024.pdf**

Orienteering.sport → IOF → Mapping → Map Checking → Event Adviser Checklist for controlling maps



Checklist for controlling the mapmaking of high-level IOF Events



- **First visit to the competition terrain and first meeting**

Time: as soon as possible after nomination as the SEA of the event and before the map making has begun.

The IOF Map Commission will appoint a person for responsibility to assist with the Map making process for all High-Level IOF

- **The second visit to the terrain and meeting**

Time: when the field work and drawing has started in all terrain types

- **Technical control by the IOF Map Commission**

Time: after the field work is completed (no later than 6 months before the event) Note: This is compulsory for all High-Level IOF events.

The organisers shall send the digital map file(s). The MC will check that the map(s) fulfils the map specification, e.g. minimum dimensions, correct use of map symbols (no symbols that are not to be found in the specification), use of form lines, standard of digitising, etc.

- **The third visit to the terrain and meeting**

Time: when the field work and drawing are ready, but there is enough time to make corrections to the maps before printing.

- **Controlling during the competitions**

First visit to the competition terrain and first meeting

Time: as soon as possible after nomination as the SEA of the event and before the map making has begun.

The IOF Map Commission will appoint a person for responsibility to assist with the Map making process for all High-Level IOF Events. That person should be involved and kept informed at all stages starting as early as possible.

Visiting the terrain

- with the best available map
- checking at least all different parts (types) of the terrain
- checking the suitability of the terrain for the competition
- checking if there are any national or local special features in the terrain.
- If it seems that the organisers want to deviate from the specifications, it must be explained how to obtain permission to deviate

The meeting

Meeting with the assistant to the SEA, the national controller, the map makers and preferably also with the course planner (or the leader of the course planning group). Before this meeting the SEA should have asked the organiser to prepare a plan for the mapping project.

- Getting to know each other
- Assigning responsibilities: checking the plan made by the organisers
 - Who is leading and in charge of producing the maps as a whole (terrains, personnel, schedule, economy)?
 - Who is in charge of the uniformity of style of the maps made by different map makers?
 - What kind of internal/national quality assurance procedures are planned for the mapping process?
- Starting points and principles
 - The maps shall be made according to the specification
 - The scale of the maps shall be in accordance with the IOF rules
 - The schedule must be loose, but the work must proceed. Too short time schedules for map makers, course planners and controllers are not acceptable at any stage
- Checking the schedule of the mapping. If the organisers have not yet made a mapping plan, a deadline for its production must be set. The content of the plan:
 - When are the base maps ready?
 - The schedule for the field work and drawing
 - When will the first drafts be ready for course planning?
 - When will the first drafts be ready for controlling?
 - When will the maps be sent to MC for technical control (latest 6 months before the event)?
 - When will the final versions of the maps be ready?
 - When will the courses be ready and drawn?
 - When and where will the maps and the courses be printed?
 - How will the proper quality of map printing be ensured?
 - When and how will the printing be controlled?
 - How much time is there for re-prints if needed?
 - Plans for model event maps and training maps

- The base map

The most recent topographic data should be used (LiDAR, Orthophoto/Aerial Images, Satellite Images, DEM, GeoSlam, and municipally base maps.
- The choice of sample maps that will be published on the Internet and/or in bulletins (a part of the competition map or parts of maps from a similar terrain types)
 - The map files
 - The back-up copies during the work
 - The name of a computer map file could reflect the version of the file (e.g. including date)
 - Making sure that the latest map file is used every time

The second visit to the terrain and meeting

Time: when the field work and drawing has started in all terrain types

Visiting the terrain

First a quite long walk through the terrain with map printouts (competition scale or strict enlargement)

- Has the specification been followed?
 - If not, the reasons must be clarified with the map maker. Correcting the map is discussed.
 - Are there any special problems to be solved?
- Controlling especially the following matters:
 - The level of generalisation
 - The readability of the map
 - How has the shape of the terrain been drawn?
 - How have form lines been used?
 - For flat terrain: the optimal level of the index contours
 - How is the runnability shown?
 - How are the open and semi-open areas shown?
 - How has the classification of tracks and paths been done?
 - How has the classification of vegetation been done?
 - Are there any objects under minimum size according to the specifications?

The meeting

The following things should be checked:

- Items and questions which arose during the second visit to the terrain
- Feedback from the map maker
- Feedback from the course planner
- Feedback from the assistant SEA, the national controller and the course controller
- Are the earlier planned resources for map making still available?
- Is the mapping project on schedule?
- Feedback from the organiser to the IOF (in the SEA visit report)



Technical control by the IOF Map Commission

Time: after the field work is completed (no later than 6 months before the event)

Note: This is compulsory for all High-Level IOF events.

The organisers shall send the digital map file(s). The MC will check that the map(s) fulfils the map specification, e.g. minimum dimensions, correct use of map symbols (no symbols that are not to be found in the specification), use of form lines, standard of digitising, etc.

After the checking the MC will communicate the result primarily with the SEA.

Control process of the mapping for major IOF events



- **Technical control by the IOF Map Commission**


Time: after the field work is completed (no later than 6 months before the event) Note: This is compulsory for all High-Level IOF events.


The organisers shall send the digital map file(s). The MC will check that the map(s) fulfils the map specification, e.g. minimum dimensions, correct use of map symbols (no symbols that are not to be found in the specification), use of form lines, standard of digitising, etc.

Orienteering.sport → IOF → Mapping → Map Checking → Control process of the mapping for major IOF events

Map checking

- Start

 Control process of the mapping for major IOF events (updated September 2024).pdf

 Event Adviser checklist for controlling maps Revision 6 September 2024.pdf

2025

Oceania Championships	Foot O	Fredrik Johansson
World Cup-1 Sweden	Foot-O	Agnar Renolen
JWOC Italy	Foot-O	Dusan Petrovic
WOC 2025 Finland	Foot-O	Fredrik Johansson
EYOC Czechia	Foot-O	Robert Ditz
WMOC 2025 Spain	Foot-O	Ludek Krticka
EOC/WCR 2 Belgium	Foot-O	Agnar Renolen
World Cup-3 Switzerland	Foot-O	Christer Carlsson
WMTBOC Poland	MTBO	Ludek Krticka
World Cup Bulgaria	MTBO	Robert Ditz

2026

Events	Discipline	Map Commission member in charge
Oceania Championships	Foot O	Fredrik Johansson
WSOC Japan	Ski O	Agnar Renolen
World Cup-1 Switzerland	Foot O	Christer Carlsson
World Cup-2 Sweden	Foot O	Fredrik Johansson
EYOC Slovenia	Foot O	Dusan Petrovic
JWOC Sweden	Foot O	Christer Carlsson
WOC Italy	Foot O	Dusan Petrovic
WMOC Poland	Foot O	Robert Ditz
World Cup-3 Czechia	Foot O	Robert Ditz
EOC/World Cup-4 Lithuania	Foot O	Ludek Krticka
WMTBOC Sweden	MTBO	Christer Carlsson
WMMTBOC Great Britain	MTBO	Agnar Renolen

The third visit to the terrain and meeting

Time: when the field work and drawing are ready, but there is enough time to make corrections to the maps before printing.

Visiting the terrain

The following things should be checked:

- Have all the corrections been made?
- The general quality of the map making
- Issues raised by national controller, course planners and course controller
- Issues raised by MC

The SEA checks all the symbols and details on the map printouts. The map file should be available.

- All the symbols that are not according to the specification shall be changed or removed
- All graphical mistakes shall be corrected

The meeting

The following things should be checked:

- Items and questions which arose during the third visit to the terrain
- Has the feedback from the course planner and course controller been taken care of?
- Is the mapping project on schedule?
- The layout of the maps
 - High quality of layout and graphic design
 - Enough space for control descriptions and other overprint
 - Is there enough time to plan and draw a nice layout?
- The printing arrangements: The SEA is responsible for controlling the printing quality. Where will all the maps be kept before the events?
- The choice of sample maps to be published on the Internet and/or in bulletins

Controlling during the competitions

The SEA shall check that the organiser (preferably the course planner) will check every single map that will be transported to the start, map change and change- over: This must be checked one week before the competition, so there is time for corrections. Checked maps must be sealed and stored in a proper and safe way.

- No mistakes in map printing
- The course overprint shall be in right place
- No mistakes in the control descriptions
- Clear and correct class code

The SEA shall check where all the maps will be kept during the event.



Printing and colour definitions



IOF MAP SPECIFICATIONS

PRINTING AND COLOUR DEFINITIONS

Revision 4
September 2024

15.4 Maps must be protected against moisture and damage.

Orienteering.sport → IOF →
Mapping → Map Printing → IOF
Printing and Colour Definitions

5. PAPERS

For offset printing, a premium coated paper 100-120 g per square meter is recommended. For laser printing, it is important to use a paper suitable for colour laser printing 100-110 g per square meter.

Maps printed on normal paper must be put in a plastic bag, this bag must be sealed. It is very important the the plastic bag is of good quality, It must be made of soft plastic and have a thickness of minimum 0.07mm.

A number of plastic papers can be found on the market, but only “real” plastic papers should be used. Papers that are a combination of plastic and other materials, such as Pretex, should not be used in forest Foot-O competitions, as they are not fully waterproof and often do not have a sufficiently smooth surface. The paper that is suitable for printing of forest Foot-O maps shall be made by 100% solid plastic and must be easy to fold. Brands that are tested with excellent result is for example Teslin and Antius. Be aware of issues that can occur while laser printing plastic paper, for example humidity, high temperatures, printing speed, static build-up and use of non-original toners.

If plastic paper shall be used for offset printing, be aware that some papers slightly change size (will be stretched) in the printing machine, this can complicate the second print of courses. Sometimes drying time can also be a problem.

Map printing

File Name	Created	Size
IOF Printing and Colour Definitions A4 Revision 4.pdf	22.09.2024	2 MB
PrintTestSheet_2024_v1.occ	23.09.2024	230 KB
PrintTestSheet_2024_v1.omap	23.09.2024	241 KB

14.09.2024	1	Deletion of (Previously named ISOM 2017 Appendix 1) in the title
14.09.2024	3	Deletion of PMS (Spot colour printing)
14.09.2024	4	Adding in text: Explanation of LPI and DPI with graphics
14.09.2024	5	Deletion of chapter 4 CMYK Colour Definition
14.09.2024	6	New Colour Orange for Ski-O
14.09.2024	6	Change of colour name Dark green line symbols (ISOM 2017-2) to Dark green for forest edges
14.09.2024	6	Change of colour name Orange for open land permitted to ride to Orange for MTBO
14.09.2024	6	Change of CMYK values of colour Brown: 0 56 100 18 -> 25 75 100 0
14.09.2024	6	Change of CMYK values of colour Brown 50%: 0 28 50 9 -> 10 35 50 0
14.09.2024	6	Change of CMYK values of colour Brown 30%: 0 17 30 5 -> 6 23 33 0
14.09.2024	7	Change of the name PrintTech test sheet -> IOF Print Test Sheet
14.09.2024	8 - 15	Change from CMYK Colour Tables -> Colour Calibration Tables
14.09.2024		Several changes of text in the chapters

Colour calibration and IOF Print Test Sheet



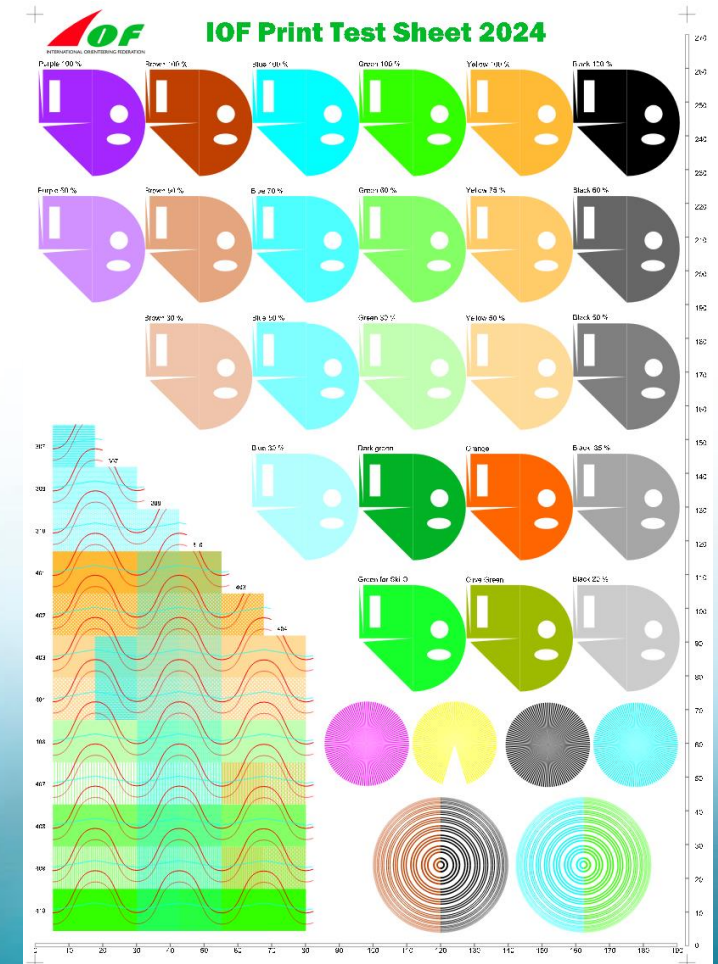
7. COLOUR CALIBRATION

For calibrating the colours of a printer, it is necessary to print the IOF Print Test Sheet on that printer. After that, the results must be compared with the colours of the original IOF Print Test Sheet. If there are differences, the colours have to be adjusted in the mapping program. To facilitate the process of adjustment, the colour tables therefore can be used.

Print the colour calibration tables on the printer to find the equivalent CMYK values compared to the colours of the original IOF Print Test Sheet. If the graduations of the colours are not adequate, the values of the colours have to be interpolated.

As this is an iterative process, the changed IOF Print Test Sheet must be printed, and the results must be reviewed again. If the results are not satisfying, the process has to be repeated until all colours are matching.

We are working on new instructions for the new IOF Print Test Sheet



ISOM changes that are mandatory from January 1st 2025

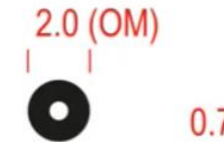
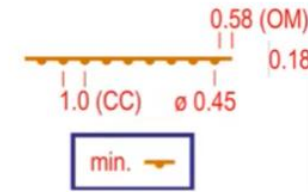


Valid from 1st February 2024. Mandatory from 1st January 2025.

20.01.2024		1.1 Conventions	Adding text: Impassable / Uncrossable features.
20.01.2024		2.11.4 Screens	New table of permissible combinations of screens
20.01.2024	101	Contour	Change of text: Contours shall be adapted or broken
20.01.2024	104	Earth bank	Change of line width: 0.18 -> 0.25 mm.
20.01.2024	105.1	Earth wall	Renumbering of symbol.
20.01.2024	105.2	Retaining earth wall	New symbol.
20.01.2024	107	Erosion gully	Change of footprint: 17 -> 17.25 m; Change of text: Contour lines may be broken around this symbol for better readability.
20.01.2024	108	Small erosion gully	Change of text: A small erosion gully or dry ditch. Contour lines shall be broken around this symbol.
20.01.2024	203.1	Rocky pit or cave	Renumbering of symbol.
20.01.2024	203.2	Dangerous pit	New symbol.
20.01.2024	214	Bare rock	Change of colour: black 30% -> black 35%
20.01.2024	301	Uncrossable body of water	More detailed symbol definition; Deletion of minimum graphic. Change of line width: 0.18 mm -> 0.12 mm
20.01.2024	302	Shallow body of water	More detailed symbol definition; Deletion of minimum graphic.
20.01.2024	304	Crossable watercourse	More detailed symbol definition.
20.01.2024	305	Small crossable watercourse	More detailed symbol definition.
20.01.2024	307	Uncrossable marsh	Change of line width: 0.18 -> 0.12 mm.
20.01.2024	308	Marsh	Change line width of minimum graphic: 0.1 -> 0.12 mm.
20.01.2024	417	Prominent large tree	More detailed symbol definition.
20.01.2024	418	Prominent bush or tree	More detailed symbol definition.
20.01.2024	419	Prominent vegetation feature	More detailed symbol definition.
20.01.2024	502	Wide road	More detailed symbol definition.
20.01.2024	503	Road	More detailed symbol definition.
20.01.2024	509	Railway	Change in text: Minimum length (isolated): two black dashes (4 mm - footprint 60 m).
20.01.2024	513.2	Retaining wall	Change of minimum height: 1.0 -> 0.5 m; Change of minimum length: 2.4 -> 1.4 mm. Shift of the half dots by 0.05 mm from the center line.
20.01.2024	516	Fence	More detailed symbol definition.
20.01.2024	520	Area that shall not be entered	Add to text: The area shall be discontinued where a path goes through and white colour is used as background with overlap 0.15 mm on both sides. Deletion of alternative representation of graphic.
20.01.2024	521	Building	Change of text: Passages through buildings must have a minimum width of 0.4 mm (footprint 6.0 m).
20.01.2024	522	Canopy	Change of text: Minimum (inside) width: 0.4 mm (footprint 6.0 m).
20.01.2024	525	Small tower	Change of text: An obvious small tower or elevated platform or seat.
20.01.2024	715	Continuing point after map exchange	New symbol.
20.01.2024	105.2 513.2	Precise definition of symbols	New symbols.

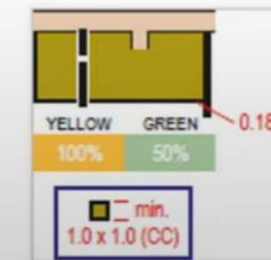
New symbols :

- 105.2 Retained earth wall** A retaining earth wall is an abrupt change in ground level which can be clearly distinguished from its surroundings used for minor peat edges and cultivation terraces. If such a feature is higher than 1 m, it should be drawn with the symbol Earth bank (104). Minimum height: 0.5 m, minimum length (isolated): 1.4 mm. Symbol definition: same as Passable retained wall
- 203.2 Dangerous pit** A highly dangerous pit, vertical shaft or abyss where a fall into the pit could cause severe injury or death. It is forbidden to place controls on these objects. If this object is part of a possible route choice, it should be marked in the terrain with tape. Symbol definition: Black circle, diameter 1.3 mm, line width 0.7 mm, white fill



Improvement in symbol explanation :

- 520 Area that shall not be entered**
- The area shall be discontinued where a path goes through and white colour is used as background with overlap 0.15 mm on both sides.
- Alternative representation of graphic is deleted



ISSprOM changes that are mandatory from January 1st 2025

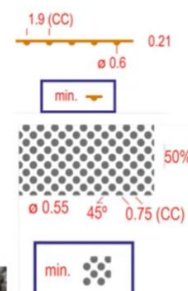


01.02.2024		Chapter 3.3: Corrected table of combinations of screens.
01.02.2024	101	Contour Change of text: Contours shall be adapted or broken ...
01.02.2024	105.1	Small earth wall Change of the number of the symbol: 105 -> 105.1; Correction of line width: 0.18 -> 0.27 mm; Correction of dot size: 0.6 -> 0.7 mm.
01.02.2024	105.2	Retaining earth wall New symbol.
01.02.2024	107	Erosion gully Deletion of trench in the name and the text of the symbol.
01.02.2024	108	Small erosion gully Deletion of trench in the text; Change of text: Contour lines shall be broken around this symbol.
01.02.2024	113	Broken ground Change of graphic: ø 0.2 - 0.3 mm -> ø 0.3 mm; Deletion in text: Contours shall not be cut in broken ground areas.
01.02.2024	207	Boulder cluster Deletion in text: minimum height.
01.02.2024	210	Stony ground Change of graphic: ø 0.2 - 0.25 mm -> ø 0.25 mm.
01.02.2024	214	Bare rock Change of colour: 30% -> 35%.
01.02.2024	302	Shallow body of water Change of the name of the symbol.
01.02.2024	307	Uncrossable marsh Change in text: Minimum size.
01.02.2024	308	Marsh Change in text: Minimum size.
01.02.2024	401	Open land Adding to text: If yellow coloured areas become dominant, a screen (75% instead of full yellow) may be used.
01.02.2024	403	Rough open land Adding to text: minimum width: 0.4 mm.
01.02.2024	404	Rough open land with scattered trees Change of dot size: 0.8 mm -> 0.7 mm.
01.02.2024	410	Vegetation: fight Addition of colour green 60 % / green 30%; Correction of the graphic of the symbol.
01.02.2024	501	Paved area Adding to text and graphic: minimum width: 0.35 mm (IM).
01.02.2024	505	Unpaved footpath or track Adding to graphic: (IM).
01.02.2024	509.1	Railway Adding to text: Minimum length (isolated): two black dashes (4 mm - footprint 16 m).
01.02.2024	509.2	Tramway Change of line width: 0.1 -> 0.08 mm; Change of colour: 50% -> 100% black.
01.02.2024	512.2	Underpass or tunnel Change and correction of minimum size: 2 dashes at full size (0.7 mm - footprint 2.8 m).
01.02.2024	512.3	Area runnable at lower level Change of the name of the symbol; Correction of the graphic of the symbol; Change of the text in paragraph: Combinations possible with symbols ...
01.02.2024	513.2	Passable retaining wall Change of the graphic; Change of minimum length: 2.4 -> 1.4 mm.
01.02.2024	515	Uncrossable wall Adding to graphic: minimum length.
01.02.2024	520	Area that shall not be entered Adding to text: The area shall be discontinued where a path goes through and white colour is used as background with overlap 0.15 mm on both sides; Correction of the graphic of the symbol.
01.02.2024	525	Small tower Adding to text: elevated platform.
01.02.2024	526	Calm, memorial, sculpture, small monument or boundary stone Change of name of symbol.
01.02.2024	533	Area with obstacles New symbol.
01.02.2024	701	Start Changing text as in ISOM.
01.02.2024	709	Out-of-bounds area Change of line width: 0.25 mm -> 0.4 mm.
01.02.2024	710.1	Crossing point Change of the graphic; Change of line width: 0.35 -> 0.5 mm; Change of symbol size: 3.0 -> 4.5 mm.
01.02.2024	715	Continuing point after map exchange New symbol.
01.02.2024	105.2 513.2	Precise definition of symbols New symbols.

Valid from 1st February 2024. Mandatory from 1st January 2025.

New symbols :

- 105.2 Retained earth wall (same as ISOM)
- 533 Area with obstacles
- An area with several man-made features that are too small or close to be mapped individually and that constitute obstacles to the runners. The area cannot be crossed at full speed. 50% Black Minimum area: 65 m²



New symbols :

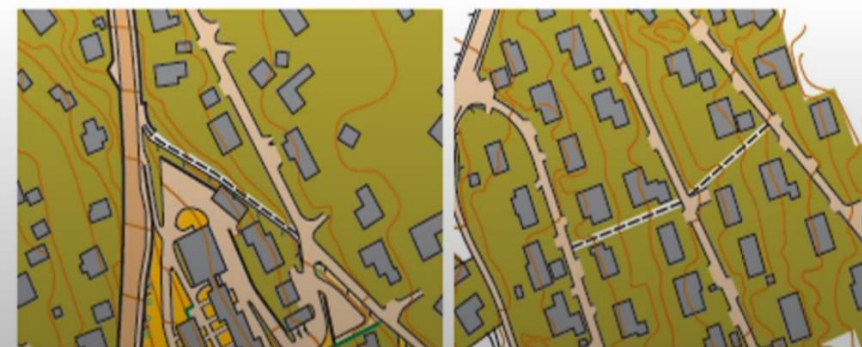
- 715 Continuing point after map exchange
- Symbol marking the continuation of the course after the map flip or the map exchange. The triangle points in the direction of the following control



Improvement in symbol explanation :

- 520 Area that shall not be entered (same as ISOM)

The area shall be discontinued where a path goes through and white colour is used as background with overlap 0.15 mm on both sides.



ISOM 2030



September 18, 2024

To: IOF Member Federations

Dear Member,

Revision of International Specification for Orienteering Maps

The IOF Map Commission has commenced preparations for the publication of a revised version of ISOM and its implementation into the rules of the IOF. The formation of an ISOM2030 Working Group to undertake this important work is underway together with the establishment of an expert reference team to provide guidance.

This revision aims at taking advantage of the improvements in printing technology and to improve legibility, especially for runners with colour vision deficiencies. Hence, the focus will be on colours and the graphical appearance of the map, and not to introduce symbols for new types of features. Also, we have seen an increase in map detail, rendering maps harder and harder to read. Hence the revision also aims at improving symbol definitions for better generalisation and legibility.

Subsequent revisions of the other specifications will be based on the new ISOM2030.

To ensure that every Member Federation can provide input to this project, a timetable for the revision of ISOM has been established showing the various stages of the revision process (Annex 1 on page 2). Please forward a copy of this correspondence to the commission that is responsible for mapping within your Federation.

As you will note from the timetable, the ISOM2030 Working Group would welcome suggestions for changes to the current ISOM from your Federation, and this deadline is 30 September 2025. Suggestions should be sent to chair.mc@orienteering.sport with suggestions in an attached document. We kindly ask that your suggestion(s) are sent through your national federation which will sanction them before they are submitted.

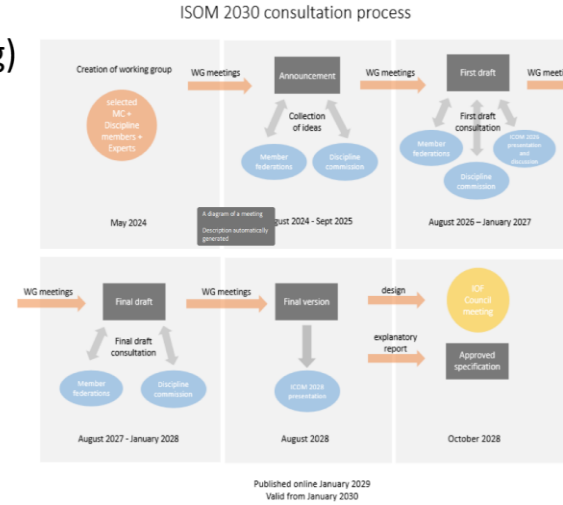
We look forward to receiving your suggestions for taking ISOM into the next decades.

Best regards,

Sondre Gullord
Sondre Gullord
IOF Secretary General

ISOM 2030 timeline:

- 9/2024 call for proposals (1 year collecting)
- ISOM2030 Working Group
- 2026 first draft
- 2027 final draft
- 2028 presentation and approval
- 2029 publication
- 2030 valid



year	month	2025	2026	2027	2028	2029	2030	2031	2032	2033
ISOM	9	call for proposals	first draft	final draft	pre approval	publication	valid			
ISSPrOM	10		call for proposals			pre approval	publication	valid		
ISSMTBOM	11			call for proposals			pre approval	publication	valid	
ISSKIOM	12				call for proposals			pre approval	publication	valid
ISOM*	1					collecting comments...			publication	draft

Legend:
 commission's work
 issuing and waiting for responses

Major focuses in ISOM 2030

- no dramatical or significant changes!
- possibilities and novelties of technological changes (printing)
- improve legibility (generalization)
- clarification of some of the currently recognized non-optimal solutions (multi level in ISSPrOM)
- as user-friendly as possible for competitors, map makers, SW developers, organizers, and groups like those with color vision deficiencies

No more changes to the current specifications until ISOM 2030 is released

Conclusion



We have covered the changes to some of the key documents that we have updated during 2024

- **Checklist for controlling the mapmaking of high-level IOF Events**
- **Printing and colour definitions**