

Novosti, ki nas čakajo na kartah

Dušan Petrovič

Komisija za karte Mednarodne orientacijske zveze
IOF

<https://orienteering.sport/iof/mapping/>

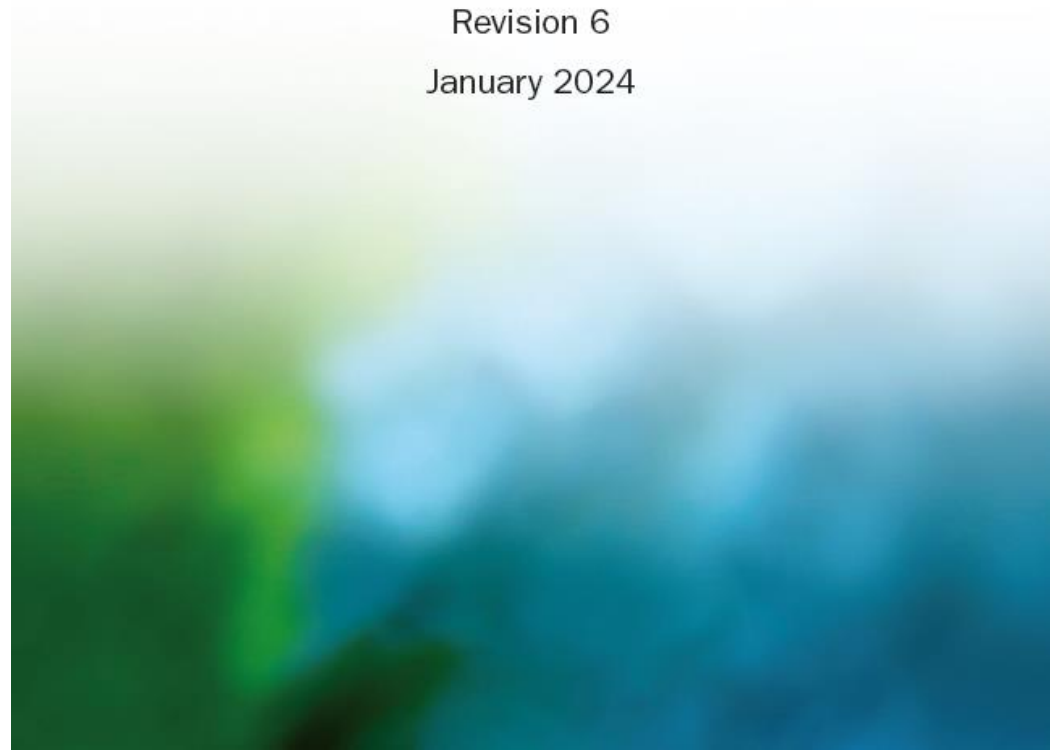
Sodniško traserski seminar OZS
Vipavski Križ, nedelja, 28. 1. 2024



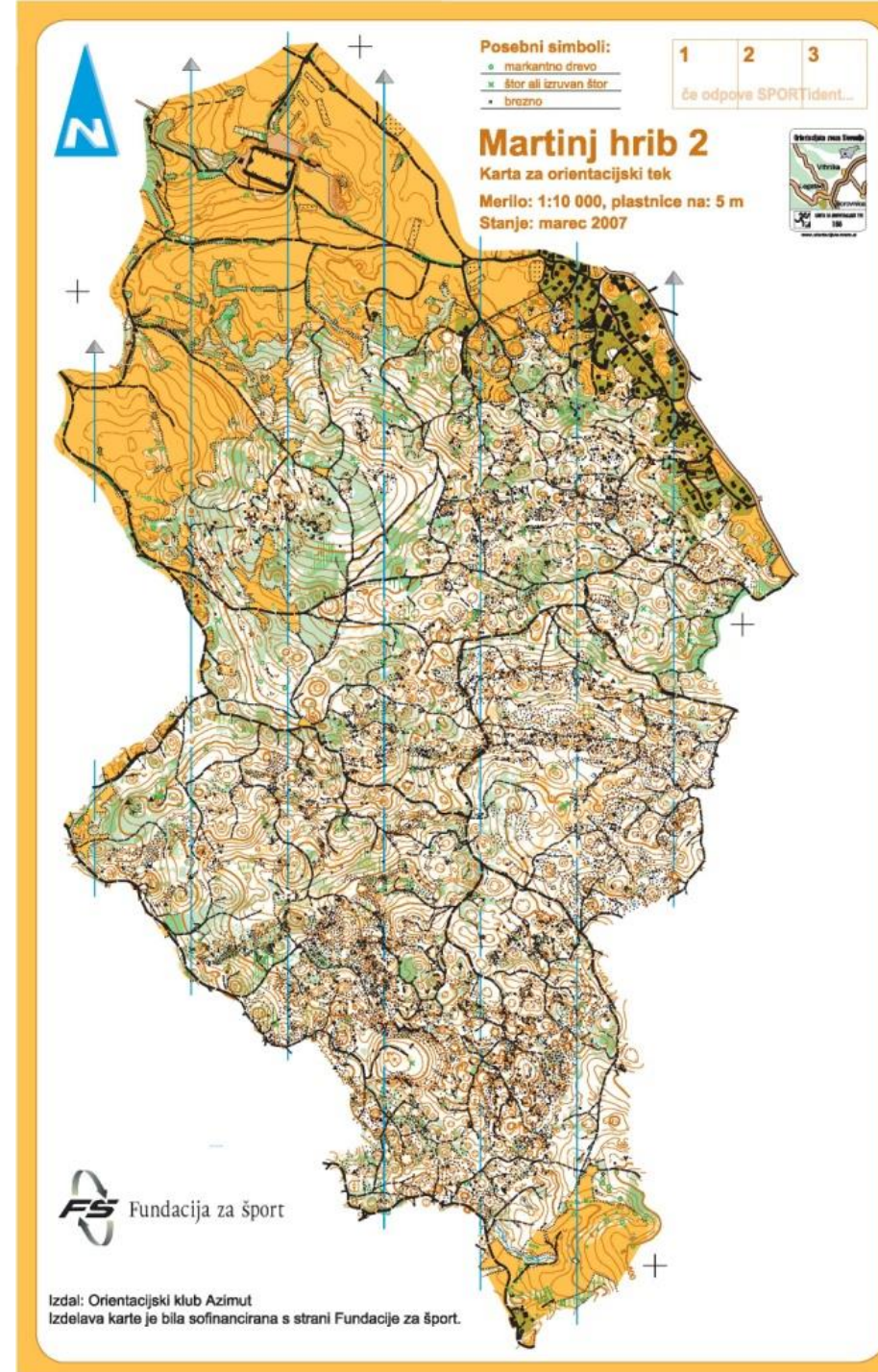
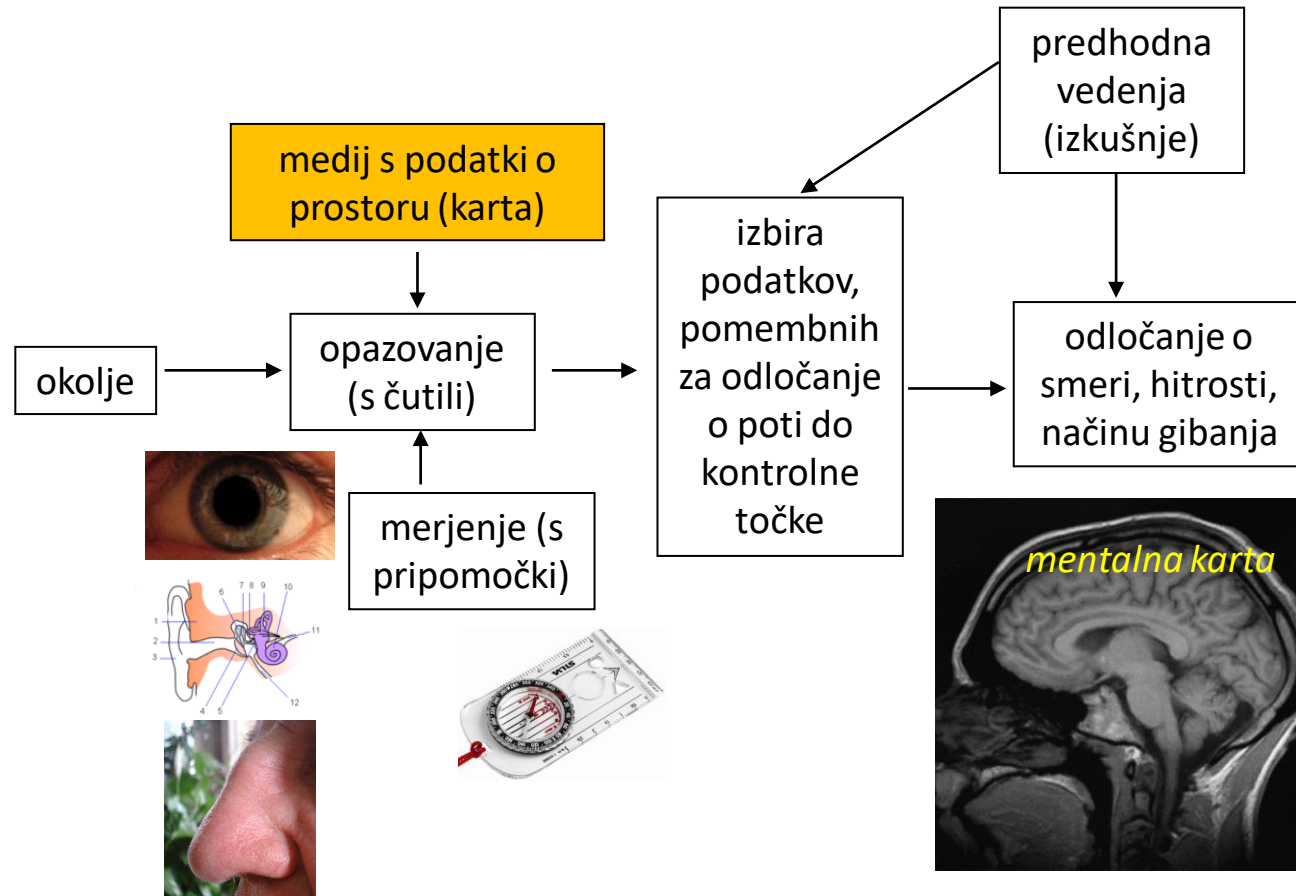
ISOM 2017-2

International Specification
for Orienteering Maps

Revision 6
January 2024

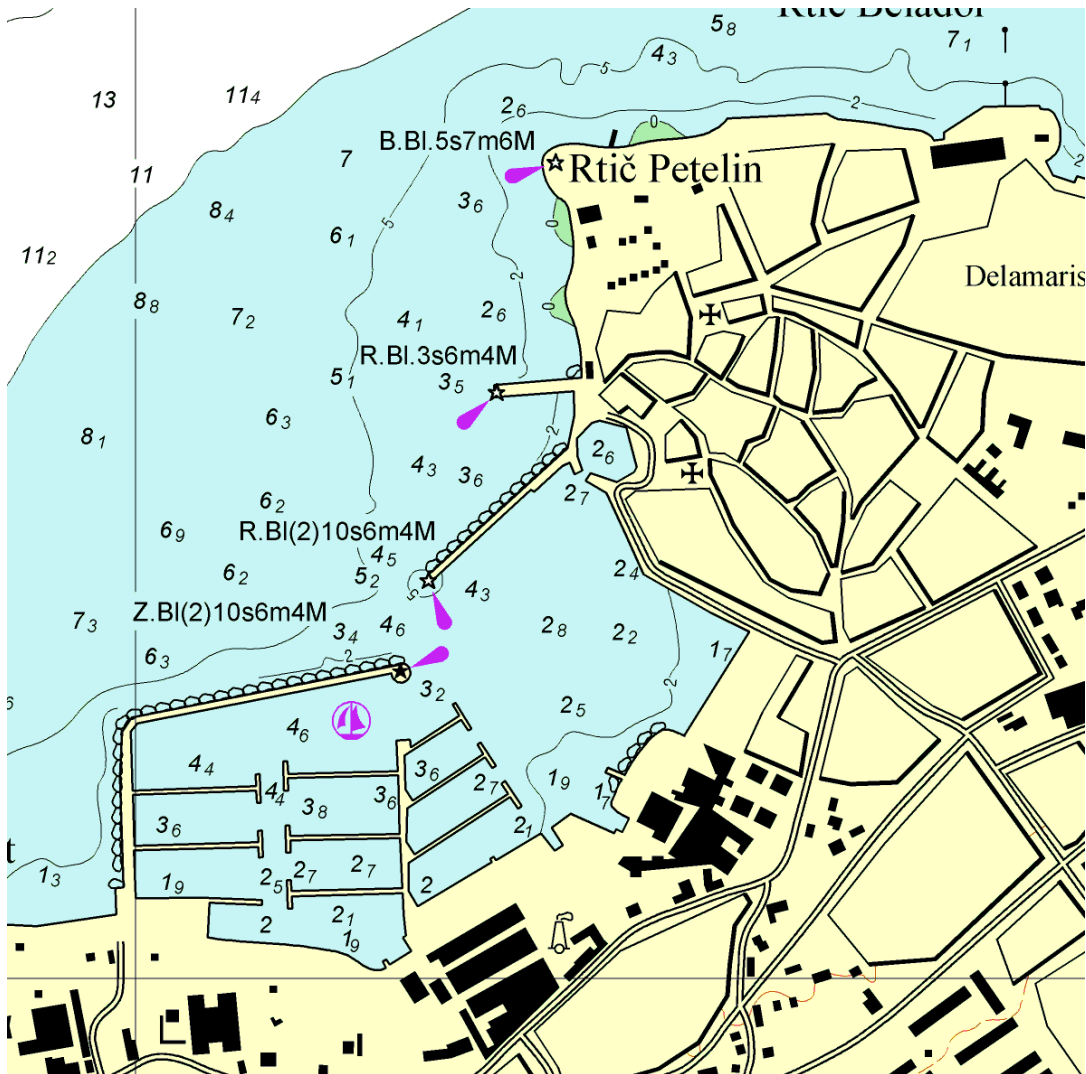


Vloga karte pri športni orientaciji

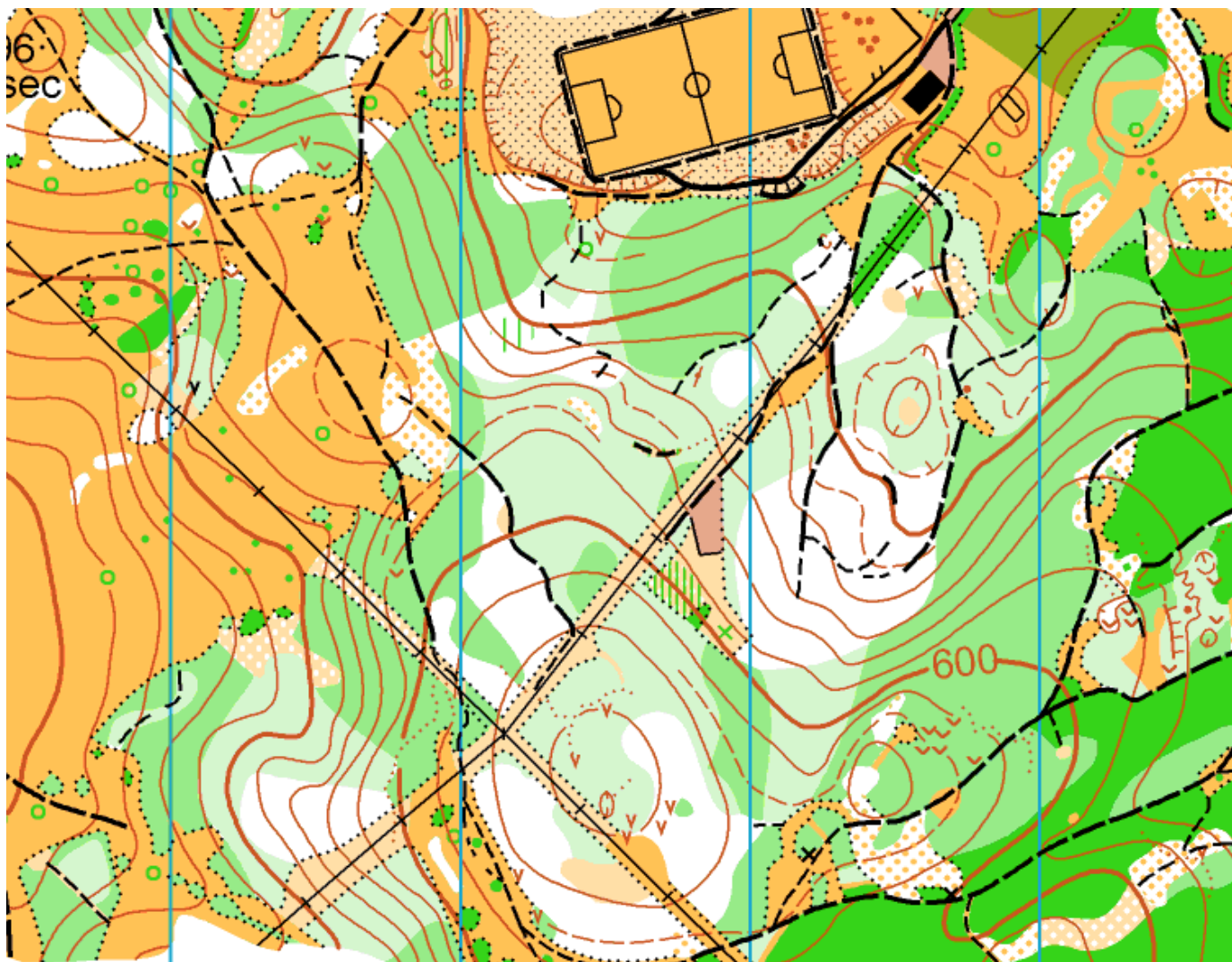


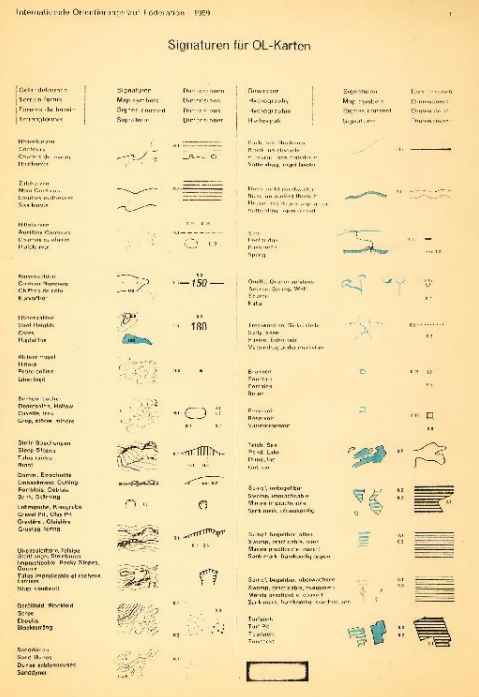
V svetovnem merilu so kartografski znaki poenoteni le za:

- pomorske karte

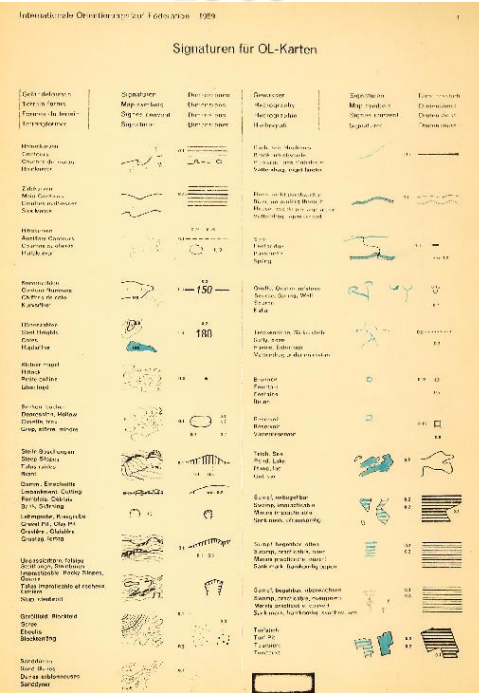


- karte za športno orientacijo (orientacijske karte)

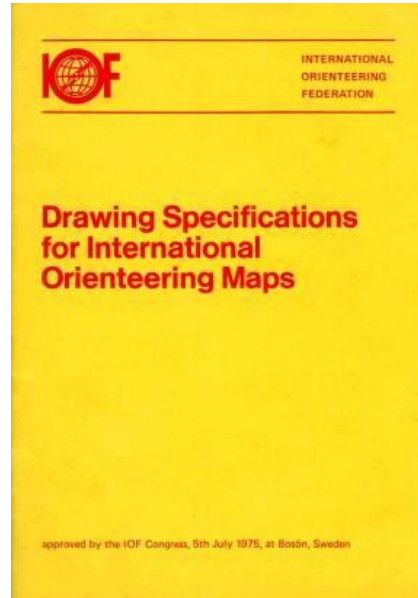




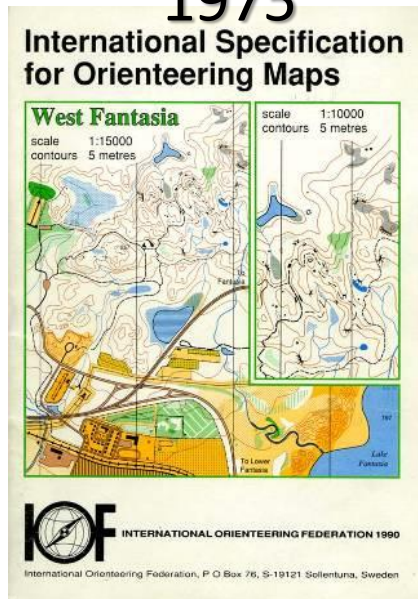
1969



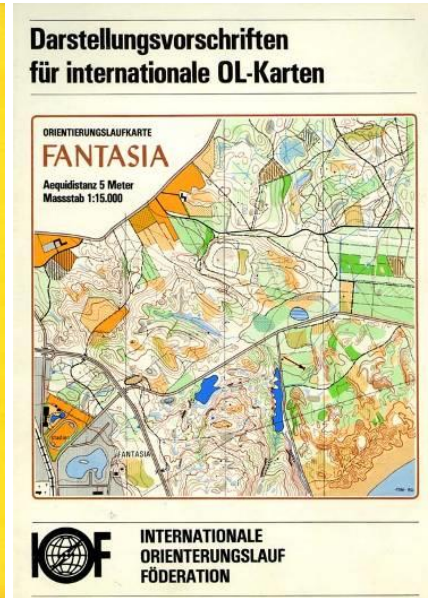
Mednarodna določila za orientacijske karte



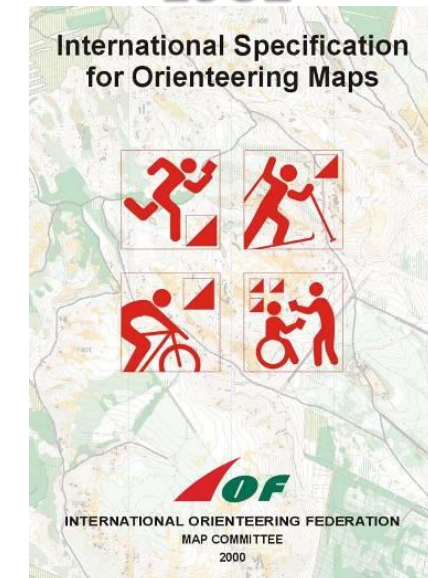
1975



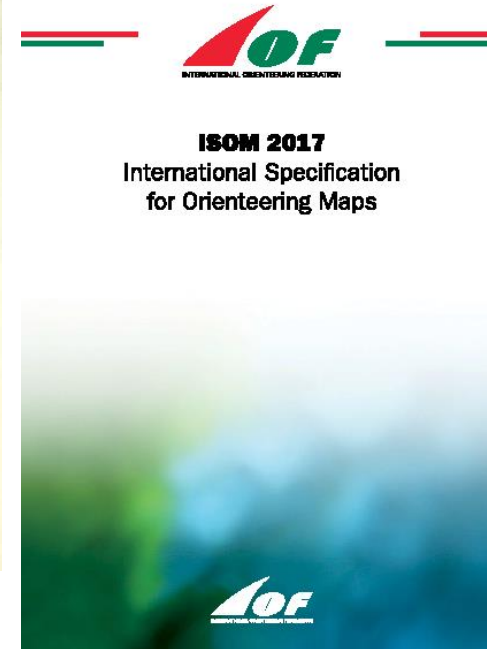
1990



1982



2000



ISOM 2017-2 (2019)

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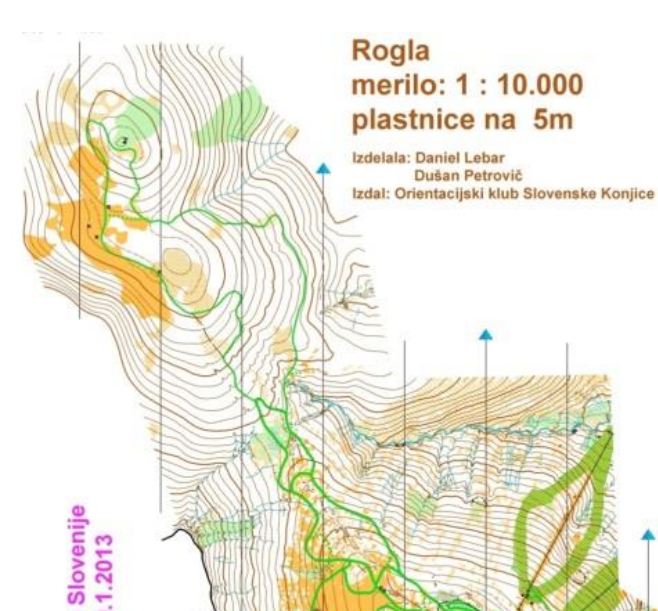
(44 strani)

Mednarodna določila za orientacijske karte

Smučarska orientacija: International Specification for Ski Orienteering Maps (ISSkiOM) 1994, 2002, 2009, 2014, 2019 (2024/25)

Orientacija z gorskimi kolesi: International Specification for MTB Orienteering Maps (ISMTBOM) 2007, 2010, 2022 (2024)

Šprint OT: International Specification for Sprint Orienteering Maps (ISSOM 2007 → ISSprOM 2019, 2022 (2024)), dopolnitev za Pre-O (barve objektov)



Komisija za karte Mednarodne orientacijske zveze IOF (podporna komisija)

Map Commission Members

<https://orienteering.sport/iof/mapping/>



**Christer Carlsson (SWE),
Acting Chairperson**

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Evaluates maps after competition
(Major Events only). Send map to:
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Nol, SWEDEN



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Design work Map Specifications



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O-Map Wiki



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Delo:

sestajanje 2 – 3 letno v živo (2 dni)

po potrebi na daljavo

E-pošta

na dve leti priprava ICOM –
Mednarodni kongres o orientecijskih
kartah

(2022 Kolding DAN, 2024 Turku FIN,
2026 POL)

O-Map Wiki

<https://omapwiki.orienteering.sport/>

tisk kart (barve, poskusni list, papir,
folije, certificiranje tiskarn)

pregled kart IOF tekmovanj *

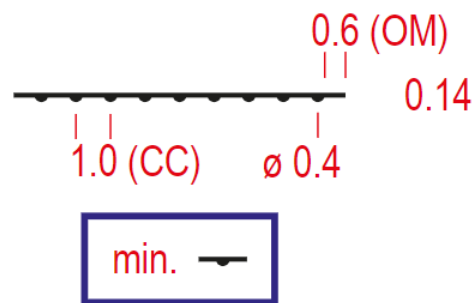
znaki za šolske karte

International Specification for Orienteering Maps (ISOM 2017), marec 2017

International Specification for Orienteering Maps (ISOM 2017-2), 9. 4. 2019

popravek 1, 20. 1. 2020: 4 manjše spremembe barv in debelin

popravek 2, 23. 1. 2022: 7 manjših spremembe barv in debelin, nov znak za delno opazen zid



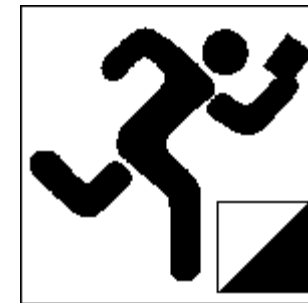
popravek 3, 15. 2. 2022: 7 popravkov minimalnih dimenzij in popravkov slik v določilih

popravek 4, 7. 4. 2022: številka KT nad ostalo vsebino

popravek 5, 16. 9. 2022: 8 popravkov minimalnih dimenzij, sprememba opisa, popravki slik v določilih

IOF ISOM 2017-2 popravek 6, februar 2024 / januar 2025:

31 popravkov in sprememb, **zadnje pred novim ISOM 2030**



ISOM 2017
International Specification
for Orienteering Maps

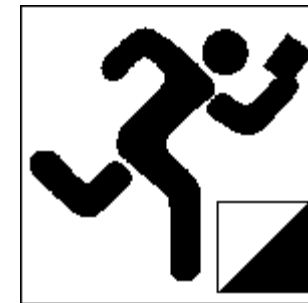


ISOM 2017-2

International Specification
for Orienteering Maps

Revision 6
January 2024

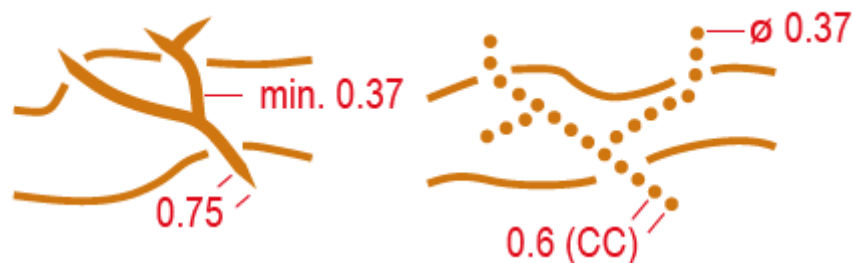
IOF ISOM 2017-2 popravek 6, februar 2024 / januar 2025



Impassable / Uncrossable features (stvar pravil, ne poimenovanja znaka v ISOM, drugače v ISSprOM!)

Nekaj sprememb dopustnih kombinacij vzorcev

Priporočilo prekinjanja plastnic (npr. pri jarkih)



Nekaj manjših popravkov opisov, številk znakov

	113-114 Broken ground	208 Boulder field	209 Dense boulder field	210-212 Stony ground	307 Uncrossable marsh	308 Marsh	310 Indistinct marsh	407 Vegetation slow, good visibility	409 Vegetation walk, good visibility
302 Shallow body of water									
308 Marsh									
310 Indistinct marsh									
401 Open land									
402 Open land with scattered trees									
402 ...with green dots									
403 Rough open land									
404 Rough open land with scattered trees									
404 ...with green dots									
405 Forest									
406 Vegetation, slow									
408 Vegetation, walk									
410 Vegetation, fight									



IOF ISOM 2017-2 popravek 6, februar 2024 / januar 2025

Manjše spremembe velikosti, razmikov ali barv znakov:

104 Earth bank Change of line width: 0.18 --> 0.25 mm.

214 Bare rock Change of colour: black 30% --> black 35%

307 Uncrossable marsh Change of line width: 0.18 --> 0.12 mm.

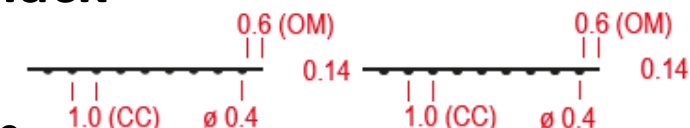
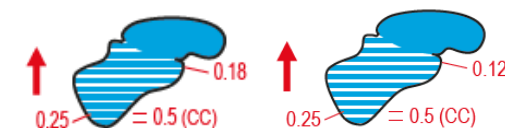
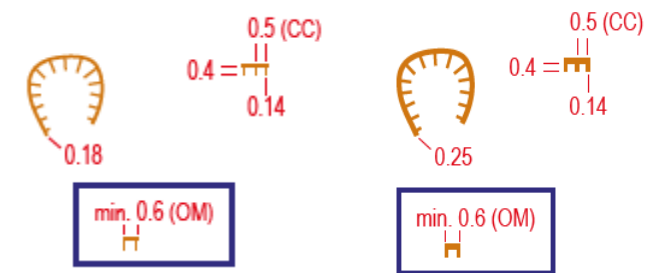
308 Marsh Change line width of minimum graphic: 0.1 --> 0.12 mm

509 Railway Change in text: Minimum length (isolated): two **black** dashes (4 mm - footprint 60 m).

513.2 Retained 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.

521 Building Change of text: Passages through buildings must have a minimum width of 0.4 mm (footprint 6.0 m).

522 Canopy Change of text: Minimum (inside) width: 0.4 mm (footprint 6.0 m) (**prej 0.3 mm**)



ISOM 2017-2

International Specification
for Orienteering Maps

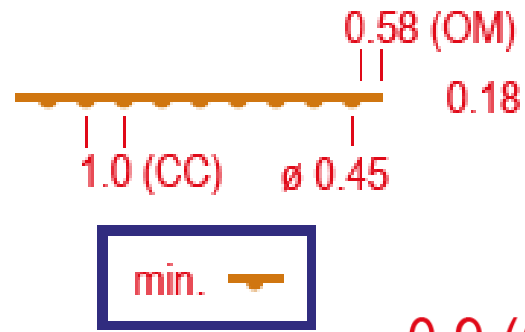
Revision 6
January 2024



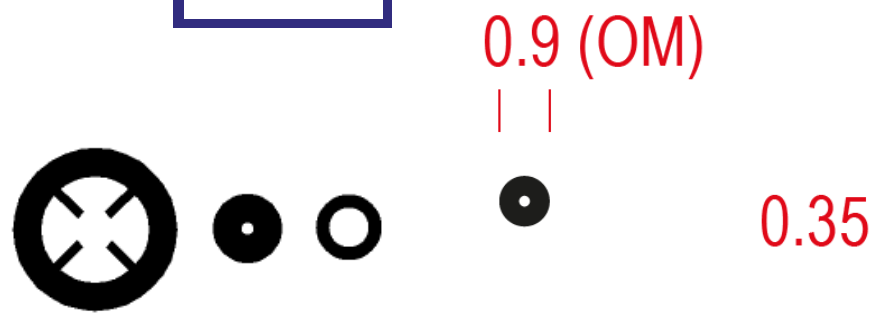
IOF ISOM 2017-2 popravek 6, februar 2024 / januar 2025

Dodani novi znaki:

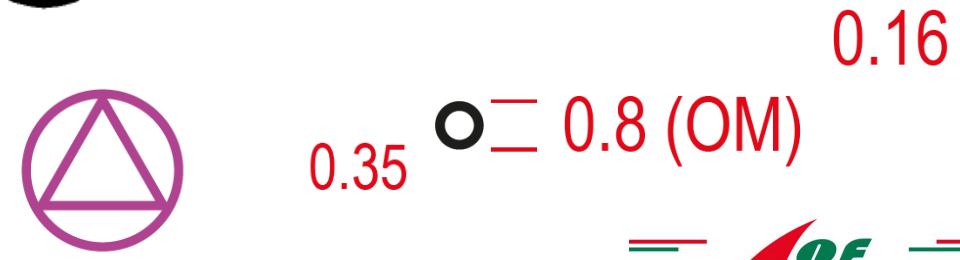
105.2 Retained earth wall (delno opazen zemeljski nasip)



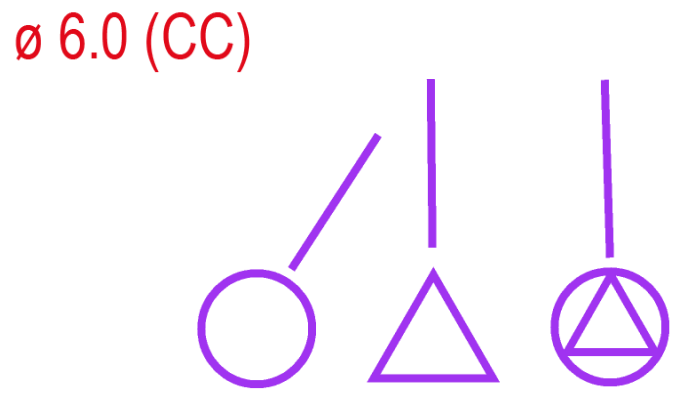
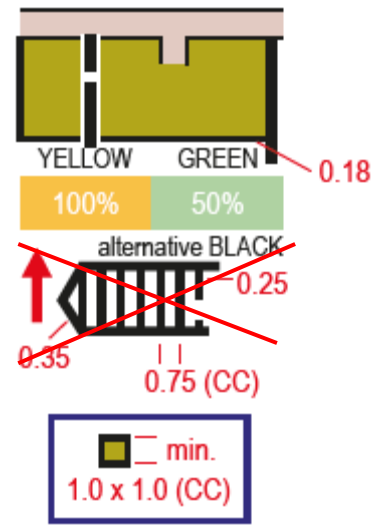
203.2 Dangerous pit (nevarna luknja, jašek, brezno)



715 Continuing point after map exchange (menjava karte)



Umik alternativnega znaka:





IOF ISSprOM 2017-2 popravek 6, februar 2024 / januar 2025

Težave s prikazom večnivojskega okolja ter vidnostjo prog

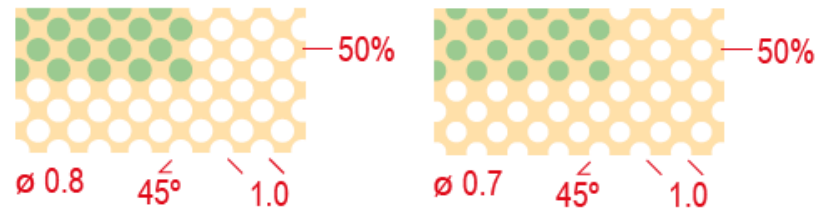
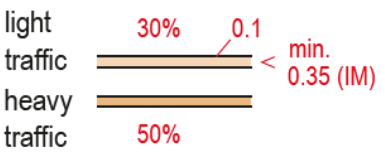
Spremembe in popravki:

401 Open land Adding to text: If yellow coloured areas become dominant, a screen (75% instead of full yellow) may be used.



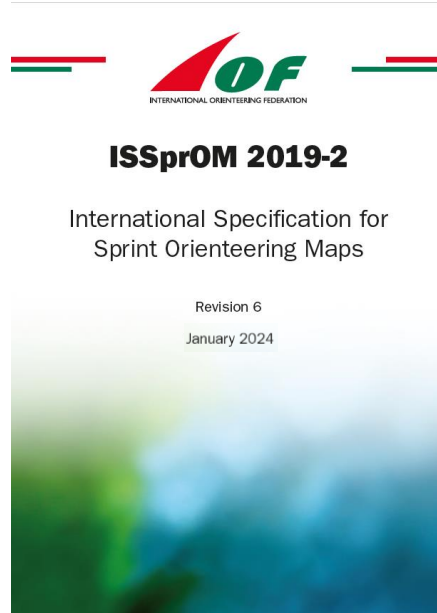
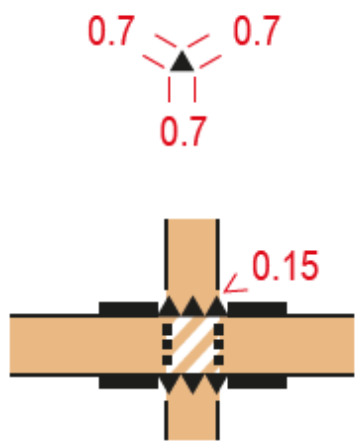
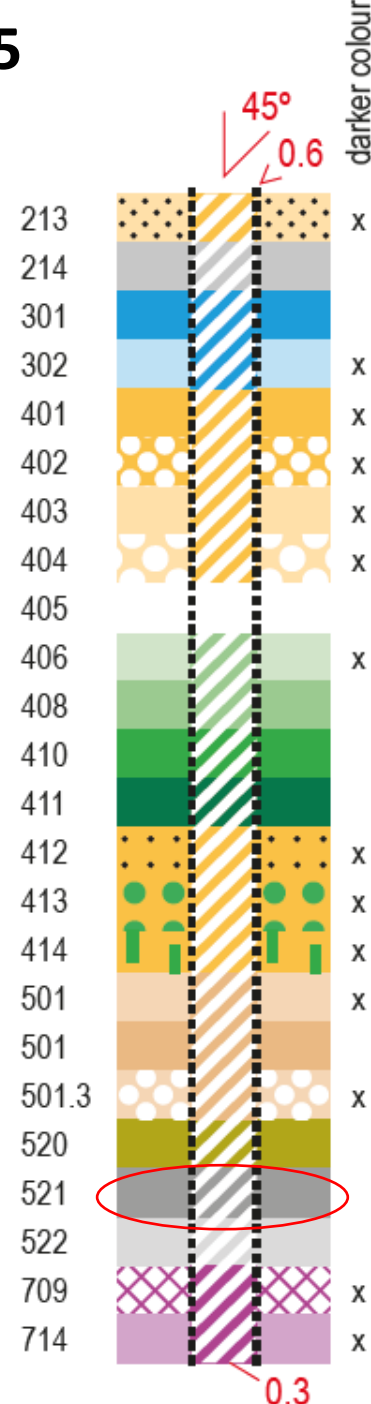
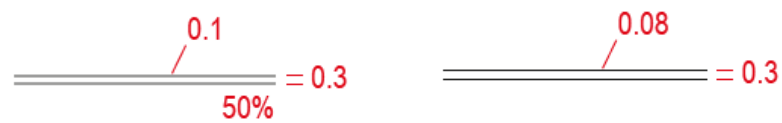
403 Rough open land Adding to text: Minimum width: 0.4 mm.

404 Rough open land with scattered trees Change of dot size: 0.8 mm --> 0.7 mm



501 Paved area Adding to text: Minimum width: 0.35 mm (IM)

509.2 Tramway Change of line width: 0.1 --> 0.8 mm; Change of colour: 50% --> 100% black





512.3 Area runnable at lower level: Change of the name of the symbol from Area passable at two levels

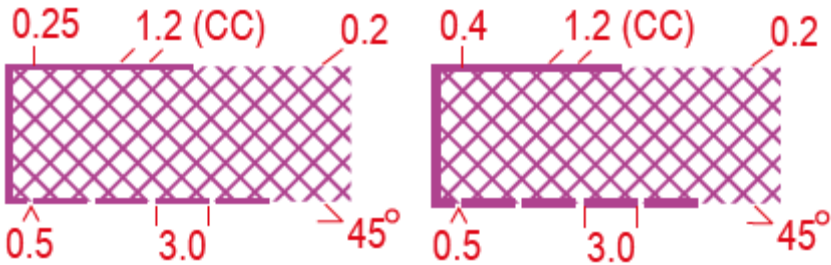
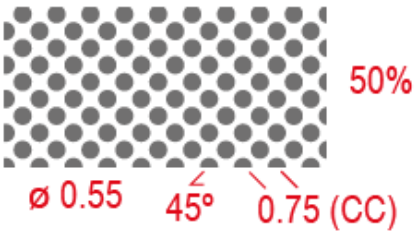
515 Uncrossable wall Addition of Minimum length to the graphic.



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.



533 Area with obstacles New symbol.



ISSprOM 2019-2

International Specification for
Sprint Orienteering Maps

Revision 6
January 2024

709 Out-of-bounds area Change of line width: 0.25 --> 0.4 mm.



International Specification for MTB Orienteering Maps (ISMTBOM)



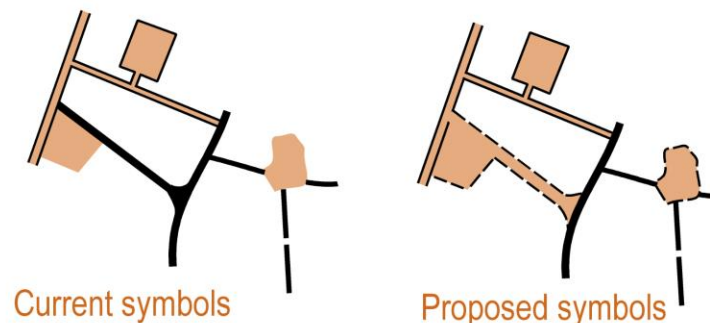
ISMTBOM 2022

International Specification
for Mountain Bike
Orienteering Maps

Revision 2
February 2023

Usklajeno s komisijo, priprava popravka

- vidnost plastnic na oranžnih površinah (bela obroba) – problem tiska barv
- koroniranje rjavih in sivih točkovnih znakov na oranžni
- majhen most črn namesto siv
- prikaz širokih makadamskih poti / cest



- vidnost dvojnih cest v primerjavi z enojnimi debelimi črnimi: poskusi s širšimi obrobami
- jasnejši opis kategorij poti po širini, prepovedana kombinacija črnih pik in zelene
- znatno zmanjšanje pik pri znaku za prehodni zid
- možnost neprikazovanja daljnovoda ali žičnic v območjih gostih poti
- poti skozi prepovedano območje koronirati, nedovoljene prekiniti
- črte severa bolj na redko



International Specification for Ski Orienteering Maps (ISSkiOM)

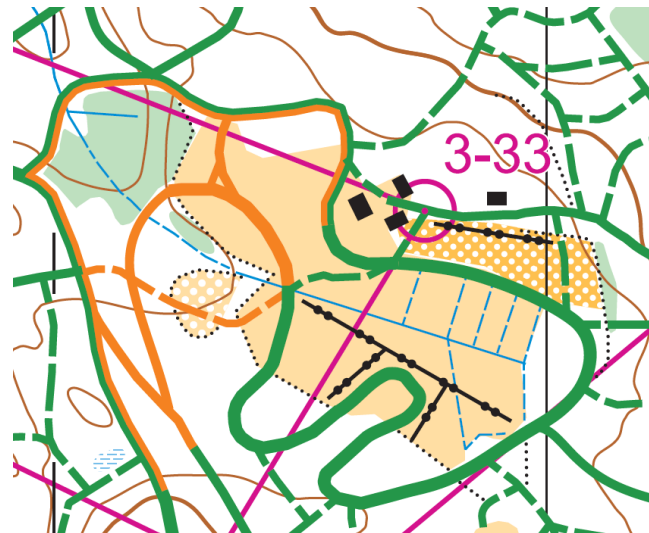
Usklajevanja s komisijo v teku, po uskladitvi priprava popravka

- območja, kjer je prepovedano teči izven prog
- umetne pregrade za onemogočanje krajšanja (lahko s trakovi, kot pri šprintu)

- obvezna smer teka



- rumena 100% → 70%, 75% → 50 %
- kopna območja siva pod progami



Komisija za karte Orientacijske zveze Slovenije OZS

- uporaba vseh sprememb obvezna za tekme IOF ranga, kako v Sloveniji?
- vse spremembe znakov so takoj, ko so objavljene tudi vključene v OCAD 18, niso pa v starejše različice in v OOMaper
- nastavitev tiskalnikov na prave barve (testni list)
- uporaba sintetičnega papirja Teslin namesto polsintetičnega Pretex
- 2025 – 2030 sodelovanje v pripravi novih specifikacij, po potrebi večje spremembe, sicer zgolj jasnejši opisi, uskladitve