

ISOM 2017-3 symbols

- 101 Contour
- 101.001 Slope line
- 101.002 and 101.003 Contour (Minimum Hill, Depression)
- 102 Index contour
- 102.001 and 102.002 Index contour (Minimum Hill, Depression)
- 102.003 Index label
- 103 and 103.001 Form line / Slope line
- 103.002 and 103.003 Form line (Minimum Hill, Depression)
- 104 and 104.001 Earth bank / Earth bank (Main line)
- 104.002 and 104.003 Min Earth bank (With, Without end tags)
- 104.004 Earth bank Tag (use with 104.001)
- 105 Earth wall
- 105.001 Earth wall (Minimum)
- 106 Ruined earth wall
- 106.001 Ruined earth wall (Minimum)
- 107 Erosion gully
- 108 Small erosion gully
- 109 and 110 Small knoll and Small elongated knoll
- 111 and 112 Small depression and Pit
- 113 Broken ground
- 113.001 Broken ground (Single dot)
- 113.002 Broken ground (Minimum)
- 114 Very broken ground
- 114.001 Very broken ground (Minimum)
- 115 Prominent landform feature (not defined in NZ)

- 201 Impassable cliff (Area)
- 201.001 and 201.002 Impassable cliff with, without tags
- 201.003 Impassable cliff Tag (use with 201.002)
- 201.004 and 201.005 Minimum Impassable cliff with, without tags
- 201.006 Impassable cliff / Pit (Minimum)
- 202 and 202.001 Passable Cliff with, without tags
- 202.002 and 202.003 Minimum Passable Cliff with, without tags
- 203 Rocky Pit (orientate north)
- 203.001 Cave (orientate outwards)
- 204 and 204.001 Boulder, Medium boulder
- 205 Large boulder
- 206 Gigantic boulder or rock pillar (shape)
- 207 Boulder cluster
- 208 Boulder field (normal to run)
- 208.001 Boulder field, Single boulder
- 208.002 Boulder field (Minimum)
- 208.003 Boulder field, single boulder 120%
- 209 Dense boulder field (difficult to run)
- 210 Stony ground (slow running)
- 210.001 Stony ground, Single dot
- 211 Stony ground (walk)
- 212 Stony ground (fight)
- 213 Sandy ground
- 214 Bare rock
- 215 Trench (rocky or artificial)

- 301 Uncrossable body of water with border
- 301.001 Uncrossable body of water (area only)
- 301.002 Uncrossable body of water (border line)
- 301.003 Uncrossable body of water (minimum)
- 301.004 Uncrossable body of water (70% blue) with border
- 301.005 Uncrossable body of water (70% blue) area only
- 302.000 Shallow body of water with border
- 302.001 Seasonal shallow body of water with border
- 302.002 Seasonal shallow body of water (border line)
- 302.003 Shallow body of water (minimum)
- 302.004 Shallow body of water (border line)
- 303 Waterhole
- 304 Crossable watercourse
- 305 Small crossable watercourse
- 306 Minor / Seasonal water channel
- 307 Uncrossable marsh with border
- 307.001 Uncrossable marsh (area only)
- 307.002 Uncrossable marsh (minimum)
- 308 Marsh
- 308.001 Marsh (minimum)
- 309 Narrow marsh
- 310 Indistinct marsh
- 310.001 Indistinct marsh (minimum)
- 311 Well, fountain or water tank (NZ=water tank)
- 312 Spring
- 313 Prominent water feature (NZ=water trough)

- 401 Open land
- 402 Open land with scattered trees
- 402.001 Open land with scattered bushes 50% green
- 403 Rough open land
- 404 Rough open land with scattered trees
- 404.001 Rough open land with scattered bushes 50% green
- 405 Forest
- 406 Vegetation, Slow running
- 406.001 Vegetation, Slow running, directional
- 407 Vegetation, Slow running, Good visibility
- 408 Vegetation, Walk
- 408.001 Vegetation, Walk, directional
- 409 Vegetation, Walk, Good visibility
- 410 Vegetation, Fight
- 410.001 Vegetation, Fight, directional
- 410.002 Hedge of fight
- 412 Cultivated land
- 413 Orchard
- 413.001 (single orchard dot)
- 414 Vineyard or similar
- 415 Distinct cultivation boundary
- 416 Distinct vegetation boundary (black)
- 416.001 Distinct vegetation boundary (alt. green)
- 417 Prominent large tree
- 418 Prominent tree or bush
- 419 Prominent vegetation feature
- (NZ = dead tree, distinctive stump, log, rootstock)

- 501 Paved area with boundary
- 501.001 Paved area (area only)
- 502.002 Paved area boundary
- 502 Wide road (motorway)
- 502.001 Wide road >7m
- 502.002 Wide road 5-7m
- 503 Road
- 504 Vehicle track
- 505 Footpath
- 506 Small footpath
- 507 Less distinct small footpath
- 508 Narrow ride or linear trace through the terrain
- 508.001 " , Good running
- 508.002 " , Slow running
- 508.003 " , Difficult to run
- 508.004 " , Normal to run
- 508.005 " , Short line
- 509 Railway
- 509.001 OOB Rly background (line)
- 510 Powerline, Cableway or Ski-lift
- 511 Major power line

- 511.001 Major power line, Square pylon
- 512 Bridge sideline or tunnel mouth
- 512.001 Tunnel or bridge (minimum)
- 512.002 Footbridge (minimum)
- 513 Wall (2-sided)
- 514 Ruined wall
- 515 Impassable wall
- 516 Fence
- 517 Ruined fence
- 518 Impassable fence
- 519 Crossing point
- 520 Area that shall not be entered with boundary
- 520.004 Area that shall not be entered (area)
- 520.001 Area that shall not be entered (outline)
- 520.002 Alt. Area that shall not be entered (black)
- 520.003 Alt. Area that shall not be entered (outline)
- 521 Building
- 521.001 Large Building with outline
- 521.002 Large Building outline only
- 521.003 Building (minimum)
- 522 Canopy with outline
- 522.001 Canopy outline only
- 523 Ruin
- 523.001 Ruin (minimum)
- 524 High tower
- 525 Small tower
- 526 Cairn
- 527 Fodder rack
- 528 Prominent line feature (must be defined on the map)
- 529 Prominent impassable line feature (")
- 530 Do not use - confuses with tank on old maps
- 531 Prominent man-made feature (define on the map)
- 532 Stairway

- 701 Start
- 702 Map issue point
- 703 Control point
- 704 Control number
- 705 Course line
- 706 Finish
- 707 Marked route
- 708 Out-of-bounds boundary
- 709 Out-of-bounds area
- 709.001 Out-of-bounds area with dashed line boundary
- 709.002 Out-of-bounds area, Dashed line
- 709.003 Out-of-bounds area with solid line boundary
- 709.004 Out-of-bounds area, Solid line
- 710.100 Crossing point
- 710.200 Crossing line
- 711 OOB route, single cross
- 711.001 OOB route, line of crosses
- 712 First aid post
- 713 Refreshment point

ISSPrOM2019 symbols as provided by OCAD
as at 21 Sep 2019, WITH COLOURS UPDATED
DEC 2020 TO COMPLY WITH APPENDIX 1
Scale 1:7500 if printed on A4

This master legend for ISOM has been assembled by the ONZ Mapping Committee to guide symbol sizes when fieldworking. You may wish to develop shorthand codes for field recording, but make sure they relate to the IOF symbol numbers. This file also provides a source of the symbols to those without the latest version of the drawing software.

Warning:
The IOF spec has been known to change between major revisions, and OCAD to make new interpretations of it.

- 601 Magnetic north line, Black
- 601.001 Magnetic north line, Blue
- 601.002 Magnetic north line, Black, 300m spacing
- 601.003 Magnetic north line, Blue, 300m spacing
- 602 Registration mark
- 603 Spot height
- 603.001 Spot height

NZ standards

- 311 Water tank
- 313 Water trough
- 419 Dead tree, distinctive stump, log, rootstock