



ORIENTEERING NSW

Symbols to convert for events on ISOM maps from 1 October 2021

IMPORTANT NOTE: this table mostly covers straight forward conversions from ISOM 2000 to ISOM 2017. The conversion of out-of-bounds symbols is not necessarily straight forward. Some maps have a range of non-standard out-of-bounds symbols. Other maps may have an out-of-bounds symbol that represents two or more different types of out-of-bounds under the ONSW Guidance on How to Show Out-of-bounds.

ISOM 2000 No	ISOM 2000 Symbol name	ISOM 2017 No	ISOM 2017 Symbol name	ISOM map conversion	Comments
118	Special land form feature	115	Prominent landform feature	Yes	Change brown X to brown triangle.
201 203	Impassable cliff Passable rock face	201 202	Impassable cliff Cliff	Maybe	Change symbols without tags to rounded ends – if needed (ie there are tracks nearby). The conversion process makes the cliff line longer, so only convert if it doesn't take too much time to check the gaps between symbols.
	Various marsh or other symbols	307	Uncrossable marsh	Yes	Marshes that should not be crossed for environmental reasons should be shown with this symbol and marked out of bounds . To denote as out of bounds , use the 708 Out of bounds boundary symbol over the black line of the uncrossable marsh.
312	Well	311	Well, fountain or water tank	Yes	Change blue O to blue square. Fountains and water tanks shown with other symbols can be changed when the map is next field checked.
314	Special water feature	313	Prominent water feature	Yes	Change blue X to blue asterisk.

ISOM 2000 No	ISOM 2000 Symbol name	ISOM 2017 No	ISOM 2017 Symbol name	ISOM map conversion	Comments
402	Open land with scattered trees	402	Open land with scattered trees	Yes	Change to white dots, yellow background
404	Rough open land with scattered trees	404	Rough open land with scattered trees	Yes	Change to white dots, yellow background
419	Special vegetation feature	417	Prominent large tree	Yes	Change to green circle with white background. Check that the existing symbol is used for large trees. If not, the symbol could be changed to ISOM 2017 418 or 419 and/or some field checking might be needed.
420	Special vegetation feature	418	Prominent bush or tree	Yes	Change to green dot with white dot in centre. Check that the existing symbol is used for bush or non-large trees. If not, the symbol could be changed to ISOM 2017 418 or 419 and/or some field checking might be needed.
418	Special vegetation feature	419	Prominent vegetation feature	Yes	Change to green X with white background. Check if the existing is used for trees or bushes. If it is, the symbol could be changed to ISOM 2017 417 or 418.
515	Railway	509	Railway	Yes	Change to new symbol: parallel lines with black & white dashes in between
521	High stone wall	515	Impassable wall	Yes	Line width and dot diameter increases in ISOM 2017. Care: the existing map might show non-stone impassable walls with a non-specified symbol.
524	High fence	518	Impassable fence	Yes	Line width increases in ISOM 2017.
527 528	Settlement Permanently out of bounds	520 520+ ONSW	Area that shall not be entered (olive green) Residential and private property (grey stripe)	Maybe	Introduce new ONSW grey line symbol for Residential and Private Property & flow on changes. See ONSW Guidance for Mappers – Out-Of-Bounds Symbols – ISOM. Areas that are shown with these ISOM 2017/ONSW symbols might be shown with a variety of out-of-bounds symbols on existing maps.
534	Uncrossable pipeline	529	Prominent impassable line feature	Yes	Line width increases in ISOM 2017.
531	Firing range		<i>(not a symbol in ISOM 2017)</i>	Remove symbol	Map the firing range with appropriate symbols (if it is rarely in use) or as an Area that shall not be entered (olive green). If there is space include “Firing range” or similar as text.

ISOM 2000 No	ISOM 2000 Symbol name	ISOM 2017 No	ISOM 2017 Symbol name	ISOM map conversion	Comments
532	Grave		<i>(not a symbol in ISOM 2017)</i>	Remove symbol	If single grave symbols are used either replace them with one of the Prominent man-made feature symbols or don't show the grave on the map. If grave symbols are used to denote a cemetery, map the cemetery with appropriate area symbols or as an 'Area that shall not be entered' (olive green). If there is space include "Cemetery" as text.
601	Magnetic north line	601	Magnetic north line	Yes, but modification might be needed.	On maps that are 1:15,000 or enlarged from 1:15,000 magnetic north lines are 300m apart on the ground. That is 20mm at 1:15,000, 30mm at 1:10,000 and 40mm at 1:7,500. If the map is not 1:10,000 but has 1:10,000 symbol sizes, the magnetic north lines should be 30mm apart.
709	Out-of-bounds area	709	Out-of-bounds area	Yes	Changes from vertical purple stripes to cross hatch. Check whether areas shown with this out-of-bounds symbol should be shown with either 520 (olive green) or 520+ (grey stripes) instead.
710	Dangerous area		<i>(not a symbol in ISOM 2017)</i>	Yes	Change to new 709 symbol. Check whether areas shown with this out-of-bounds symbol should be shown with either 520 (olive green) or 520+ (grey stripes) instead. Future organisers & course setters need to be aware the area is dangerous.
711	Forbidden route	711	Out-of-bounds route	Yes	Ensure the X's are between 4 and 6mm apart. Care: some existing maps use this symbol to denote a road that should not be crossed. Use 708 out-of-bounds boundary instead (see ONSW Guidance for Mappers – Out-Of-Bounds Symbols – ISOM).