



GREAT LAKES SAILING

TVMDC Conversion

The basic rule is that all directions should be shown in True degrees. As you convert from Compass to Magnetic to True degrees, each step will require you to either add or subtract the appropriate value.

Going from True to Magnetic to Compass bearings, **ADD** west corrections and **SUBTRACT** east corrections. (Remember the saying *west is best and east is least*)

Going from Compass to Magnetic to True bearings, **SUBTRACT** west corrections and **ADD** east corrections.

Here are two examples: (assume 7°W variation and 12°E deviation).

In example 1, we know the compass heading and want to find the magnetic and true headings.

In example 2, we know the true heading and want to find the magnetic and compass headings.

T	V	M	D	C
-	7W	-	12E	16
21	7W	28	12E	16

55	7W	-	12E	-
55	7W	62	12E	50