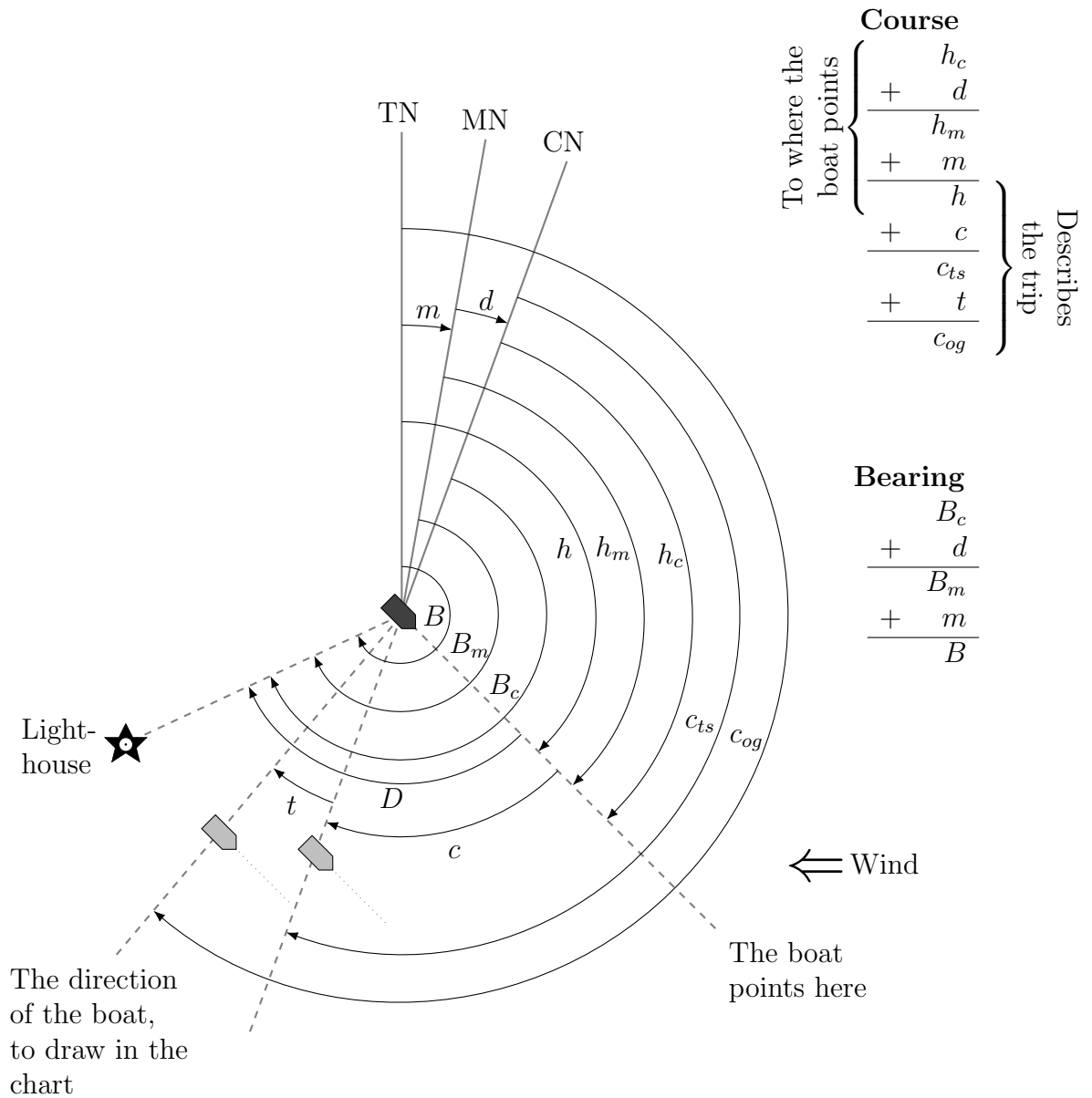


Course & Bearing



TN	True north: The Earth's geographic north pole. Is a meridian line.
MN	Magnetic north: The Earth's magnetic north pole.
CN	Compass north: North according to the compass. Iron near the compass may make it deviate from the magnetic north pole. The boat's keel, engine, etc. are usual causes.
<i>m</i>	Magnetic variation: How much the magnetic north deviates from the geographic north. Varies with place and time. Can be read from the nautical chart.
<i>d</i>	Deviation: How much the compass deviates from the magnetic north. Varies with boats, cargo and heading.
<i>h</i>	Heading: The angle between the direction in which the boat is pointing and the meridian.
<i>h_m</i>	Heading, magnetic: The angle between the magnetic north and the heading.
<i>h_c</i>	Heading, compass: The angle between the compass north and the heading.
<i>c</i>	Crosswind: The effect of the wind.
<i>t</i>	Tidal: How much the current influences.
<i>c_{ts}</i>	Course to steer: The line through the water that the boat should steer, bearing in mind the wind and tide.
<i>c_{og}</i>	Course over ground: What the nautical chart shows.
<i>B</i>	Bearing: The angle away from North of a distant point as observed at the current point.
<i>B_m</i>	Magnetic bearing: The angle from a distant point from the magnetic north.
<i>B_c</i>	Compass bearing: The angle from a distant point from the compass north.
<i>D</i>	Direction: The angle from a distant point from where the boat is pointing.