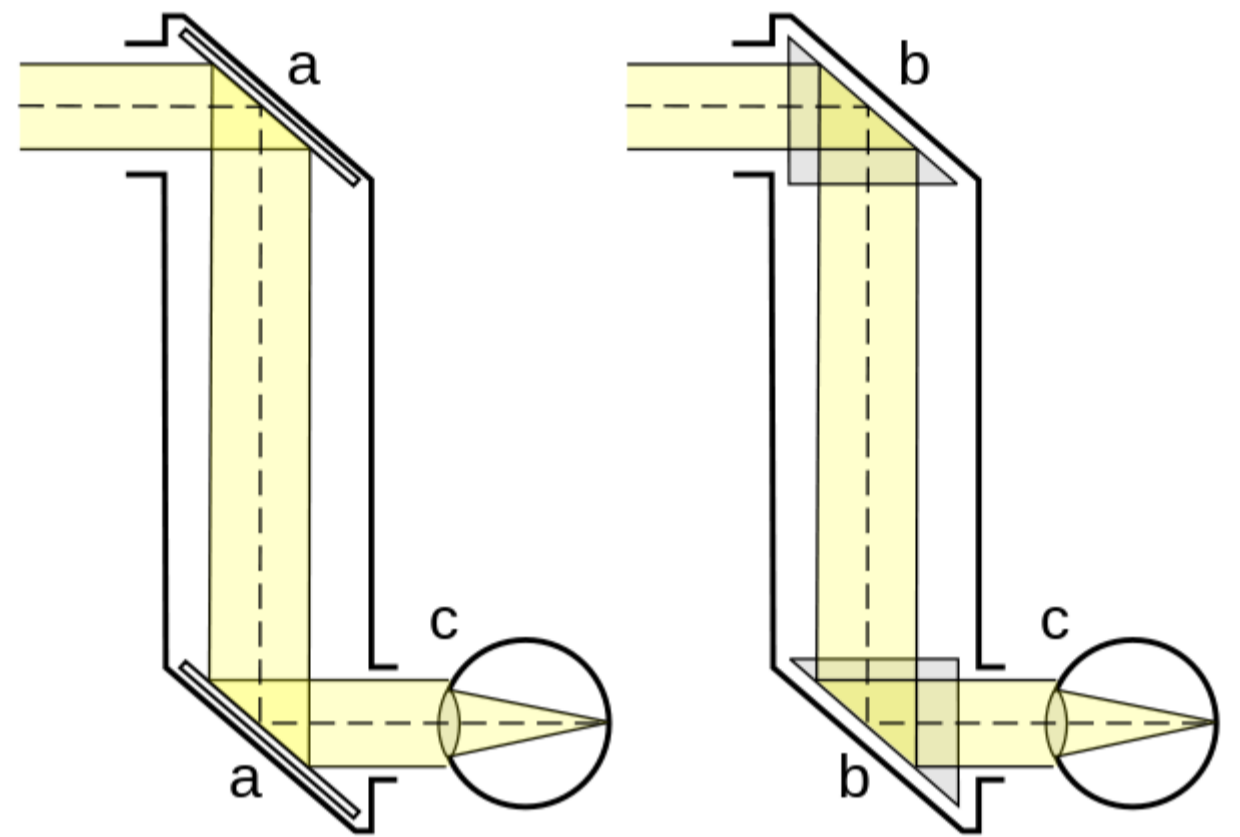


The Trench Periscope in WW1

The periscope uses two mirrors to change the direction of the light so that an image can be seen without looking directly at it! Sometimes two triangular prisms may be used instead.

The length of the periscope can be short or quite long. The WW1 trench periscope was often quite short so it could be easily carried around. Periscopes used in submarines are very much longer.



How a periscope works

"Periscope simple" by Christian Schirm - Own work. Licensed under Public Domain via Wikimedia Commons -

http://commons.wikimedia.org/wiki/File:Periscope_simple.svg#/media/File:Periscope_simple.svg



A simple box-style trench periscope

<http://media.iwm.org.uk/iwm/mediaLib/364/media364904/large.jpg?action=d&cat=photographs>



Examples of portable trench periscopes

http://www.mullocksauctions.co.uk/lot-18014-wwi_officer%E2%80%99s_trench_stick_periscope_1918_dated_wooden.html



A periscope-sighted rifle in use

"Periscoperifle" by The photo is from war archives of the Gallipoli landing by ANZAC forces.. Via Wikipedia - <http://en.wikipedia.org/wiki/File:Periscoperifle.jpg#/media/File:Periscoperifle.jpg>



The periscope-sighted rifle

<http://www.oobject.com/12-periscope-rifles/australian-periscope-sighted-rifle-world-war-1/8513/>