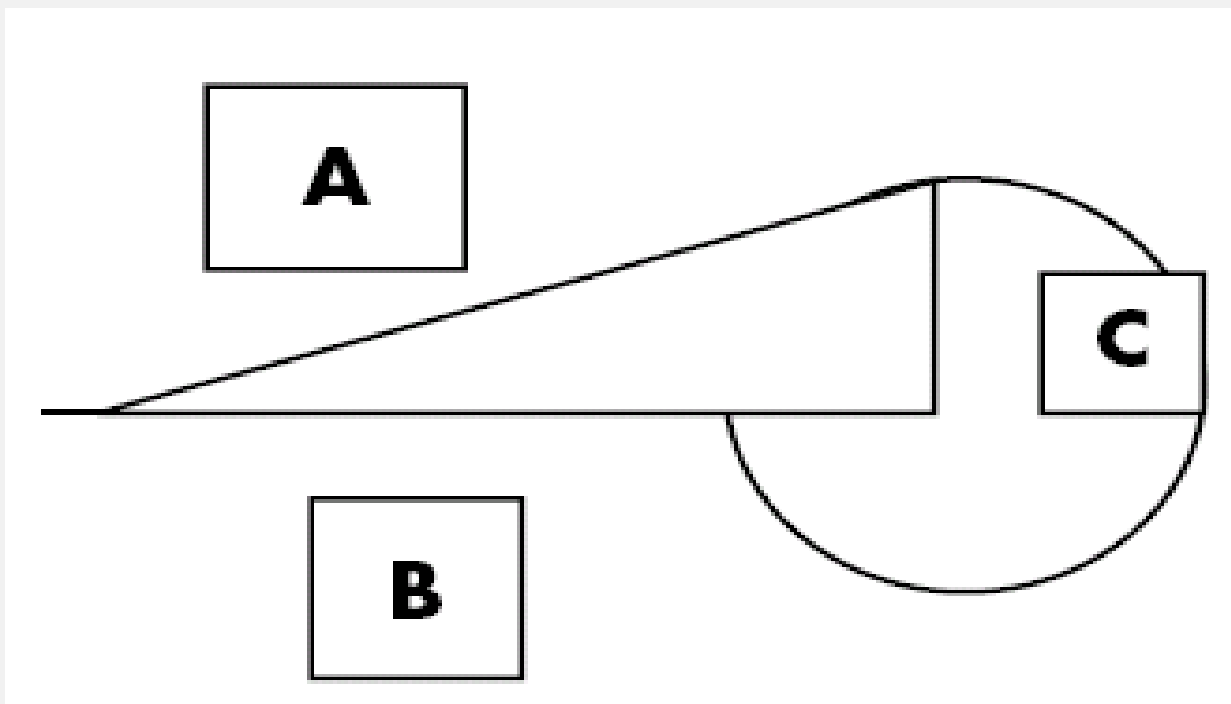


# All Round Navigation Lights



All round navigation and fishing lights must not be obscured by an angle greater than 6 degrees.

## Reason for fitting tandem lights:



Imagine navigation light at distance "B" from centre of mast. Then this distance "B" must not be less than calculated by the formula below:

The angle formed by sides "A" and "B" is 3 degrees

The tangent of 3 degrees = 0.0524 = "C / B"

Therefore "B" = "C" / 0.0524 and from this "B" = "C" x 19.08 ("C" is radius of mast) thus "B" = 9.54 x diameter of mast.

## For further information

call: 08 8348 9543

email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)

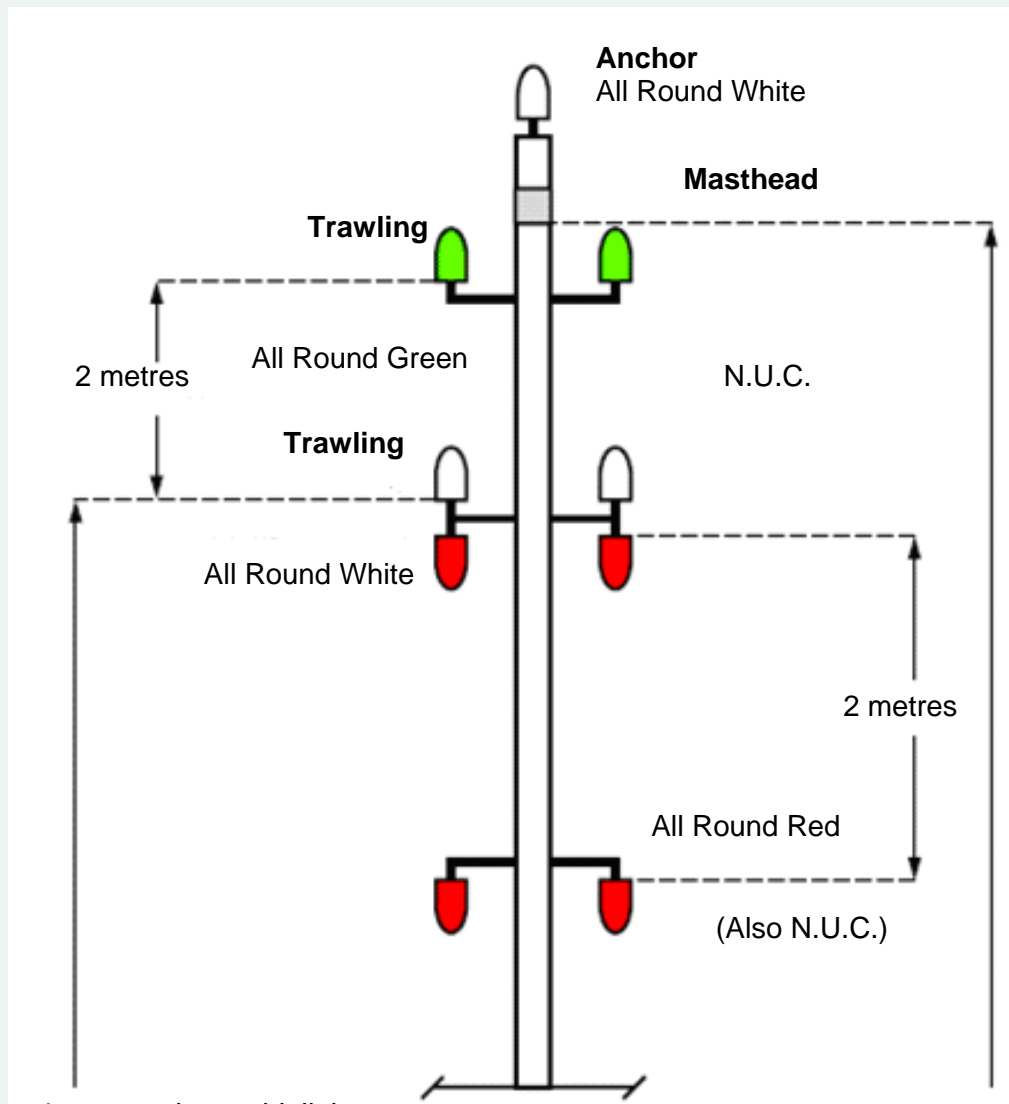
visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)



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## Navigation lights for Trawlers of 20 metres or more in length.



At least 4 metres above sidelights.

*N.U.C. denotes Not Under*

Height above uppermost continuous deck to be equal to beam of 6 metres or whichever is greater, but not more than 12 metres.

**Note:** Side lights to be in the same vertical plane as masthead light

### For further information

call: 08 8348 9543

email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)

visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)

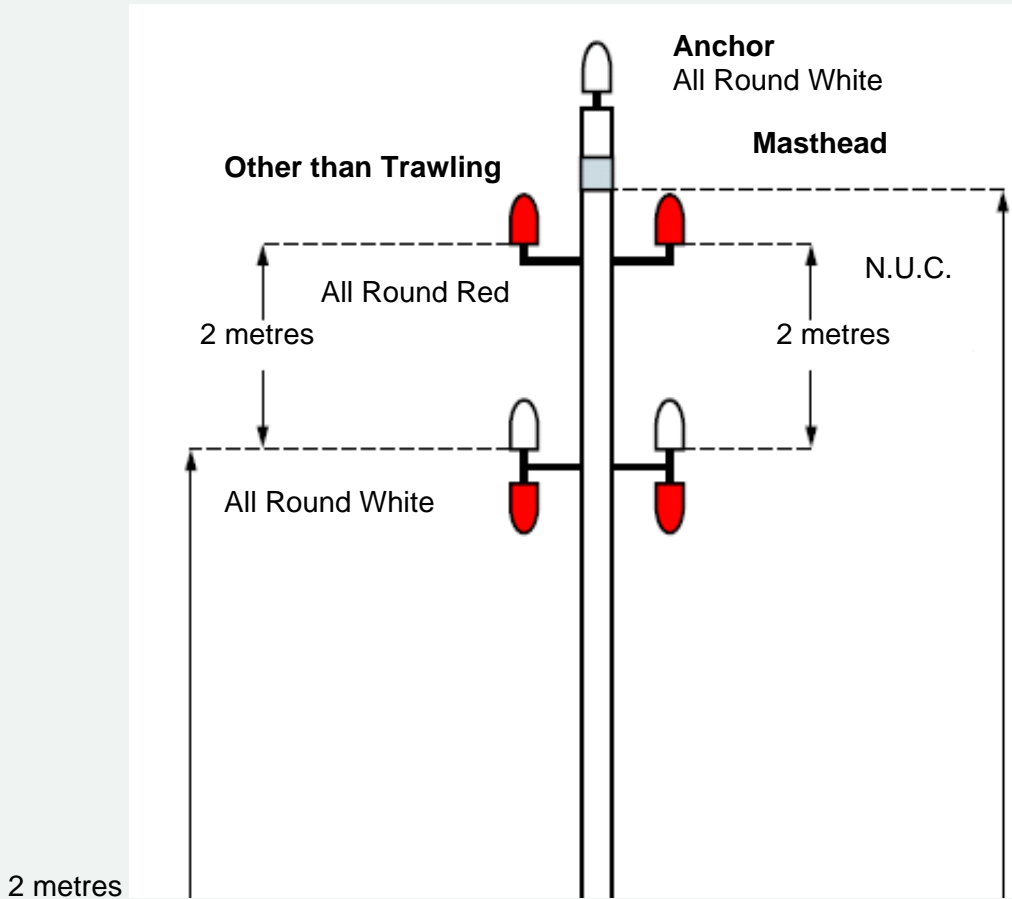


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# NAVIGATION LIGHTS FOR FISHING VESSELS > 20 M

Navigation lights for Fishing vessels (other than trawlers), of 20 metres or more in overall length.



At least 4 metres above sidelights.

*N.U.C. denotes Not Under Command.*

Height above uppermost continuous deck to be equal to beam of 6 metres or whichever is greater, but not more than 12 metres.

## For further information

call: 08 8348 9543  
email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)  
visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)

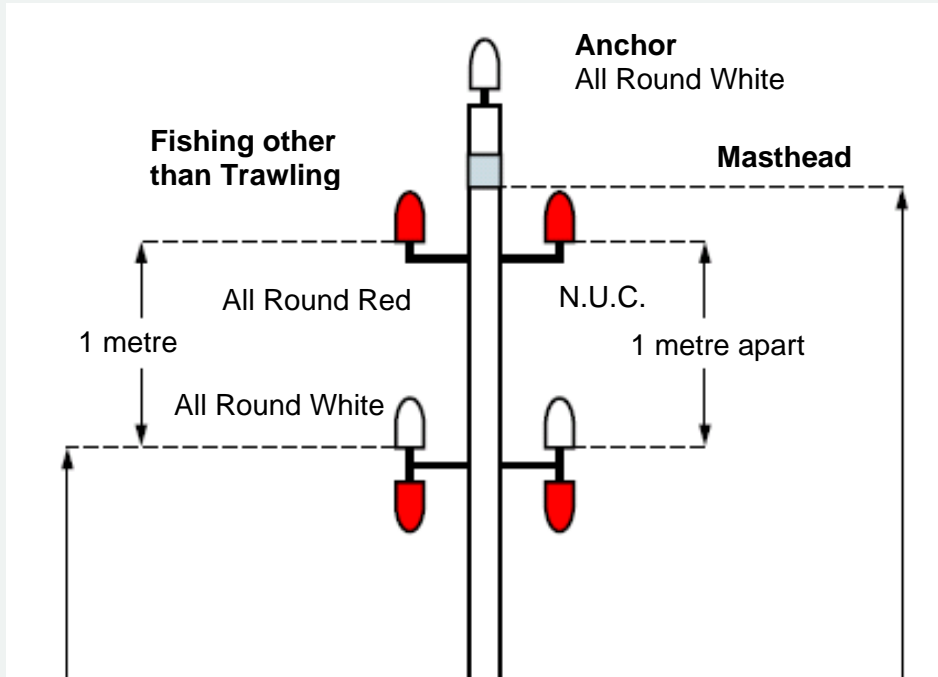


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## NAVIGATION LIGHTS FOR FISHING VESSELS >12 M <20 M

Navigation lights for Fishing vessels 12 metres or more but less than 20 metres in overall length.



At least 2 metres above the gunwale.  
At least 1 metre above the sidelights.

Height above gunwale to be at least 2.5 metres and to be at least 2 metres above the sidelights.

*N.U.C. denotes Not Under Command*

### For further information

call: 08 8348 9543  
email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)  
visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)

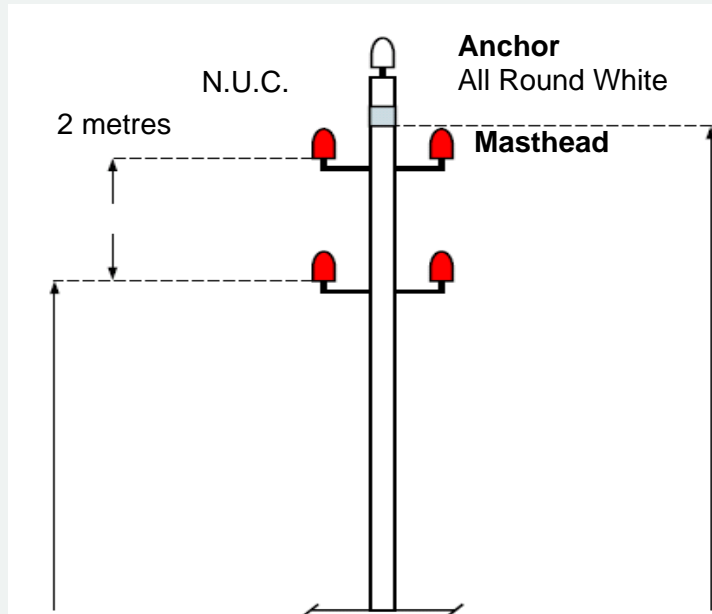


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# NAVIGATION LIGHTS FOR TRADING VESSELS >20M

## Navigation lights for trading vessels of 20 metres or more in overall length.



At least 4 metres above the uppermost continuous deck.

### **Mast to be located forward of amidships**

*N.U.C. denotes Not Under Command*

Height above uppermost continuous deck to be the beam of the vessel or 6 metres, whichever is greater but not more than 12 metres.

### **For further information**

call: 08 8348 9543

email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)

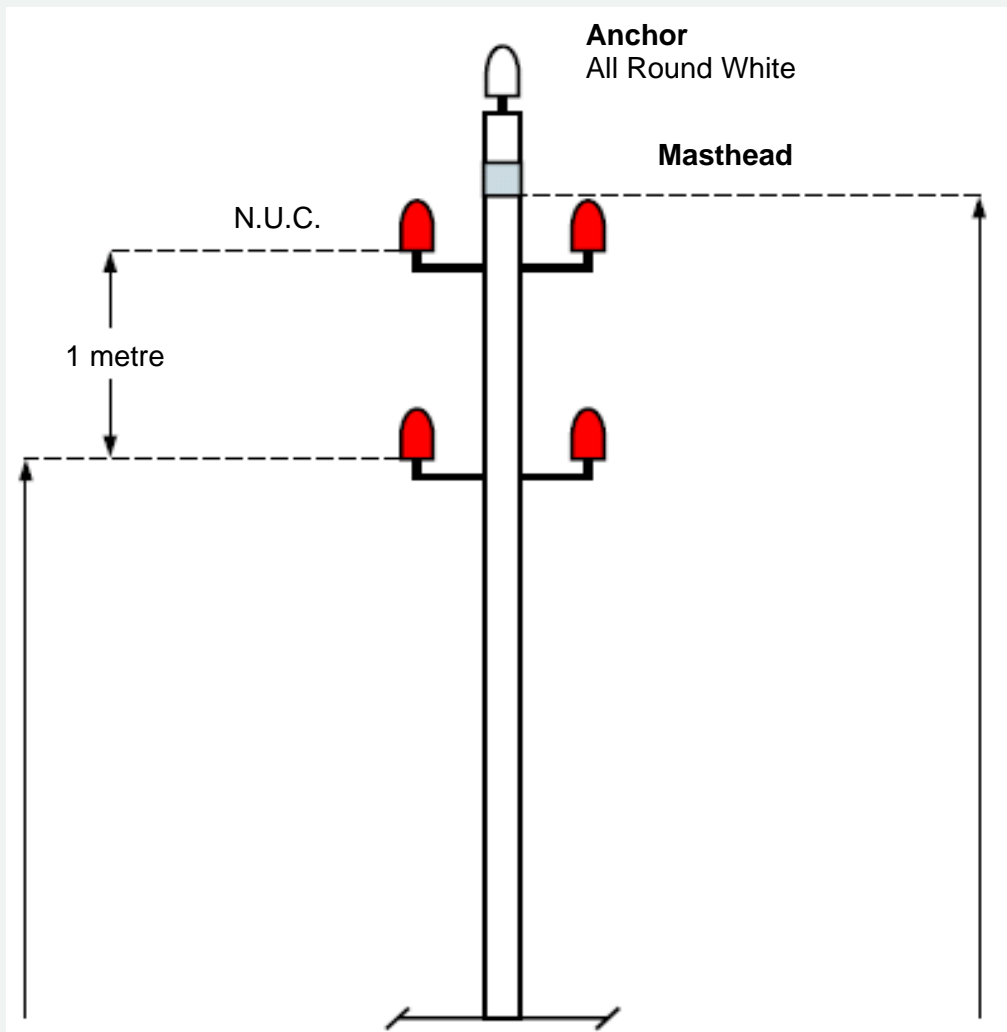
visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)



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## Navigation lights for trading vessels 12 metres or more but less than 20 metres in overall length.



Height above the gunwale to be at least 2.5 metres.

Height above the gunwale to be at least 2.5 metres.

### Mast to be located forward of amidships

*N.U.C. denotes  
Not Under Command*

#### Further information

Contact the Department of Planning,  
Transport and Infrastructure:  
Commercial Marine – Survey  
Kateena Street, Regency Park SA 5010  
PO Box 1 Walkerville SA 5081  
Telephone: (08) 8348 9543  
Facsimile: (08) 8348 9673  
E-mail: [dpti\\_CMSSurvey@sa.gov.au](mailto:dpti_CMSSurvey@sa.gov.au)

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the information contained in this fact sheet.



### For further information

call: 08 8348 9543  
email: [DPTI.Commercialmarineservices@sa.gov.au](mailto:DPTI.Commercialmarineservices@sa.gov.au)  
visit: [www.dpti.sa.gov.au/marine/survey](http://www.dpti.sa.gov.au/marine/survey)



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