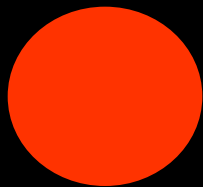
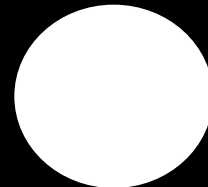
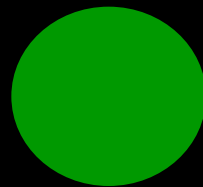
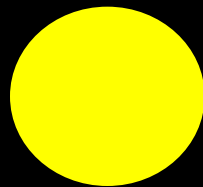


# 一般船舶燈號、聲號 及避船規則



# 燈號

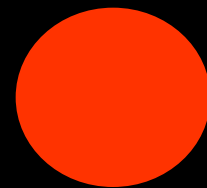
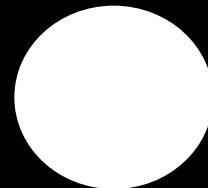
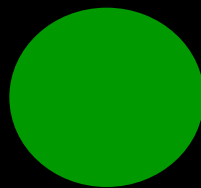
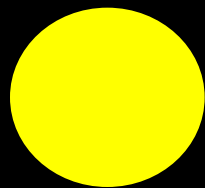
- 一般船隻主要有三種燈---主桅燈、左右舷燈及艏燈，簡單而言它們分別含有船隻長度、航行及船隻位置三種意義



# 燈號

什麼情況下必須亮起航燈？

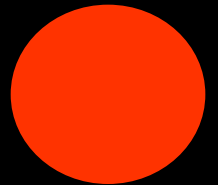
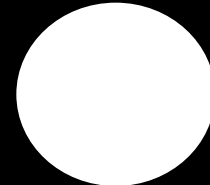
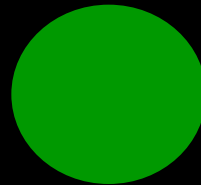
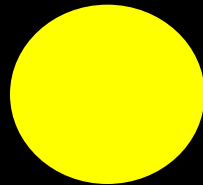
- 日落至日出之間
- 能見度有限時
- 其他有需要的情況



# 燈號

## 主桅燈

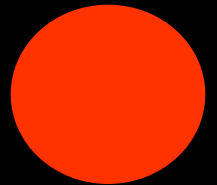
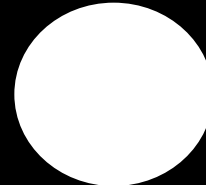
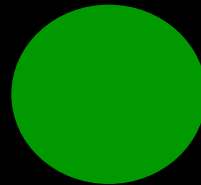
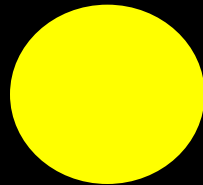
- 指安置在船首、尾中心線上的白燈
- 其裝置要使燈光從船的正前方到左右舷225度範圍內
- 根據法例船長0米以下的機動船不需要安裝



# 燈號

## 左右舷燈

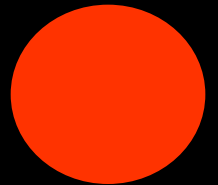
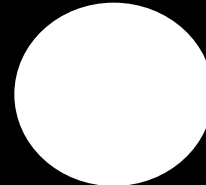
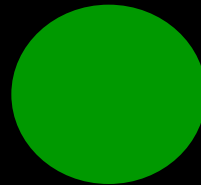
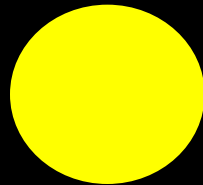
- 指左舷的紅燈及右舷的綠燈
- 其裝置要使燈光從船的正前方到左右兩邊225度範圍內
- 當船隻航行時左右舷燈必須亮起



# 燈號

## 艉燈

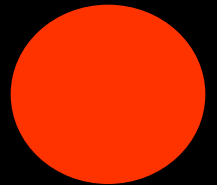
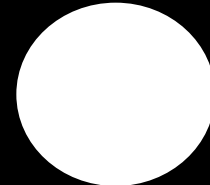
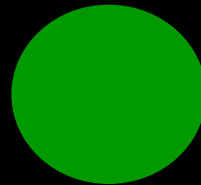
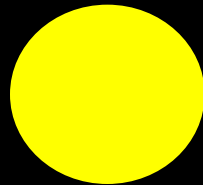
- 指安置在盡可能接近船尾位置的白燈
- 其裝置要使燈光正後方到左右舷**67.5**度範圍內
- 基本上任何長度的船隻都需要安裝艉燈



# 燈號

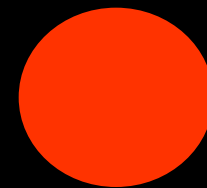
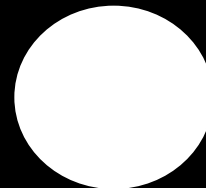
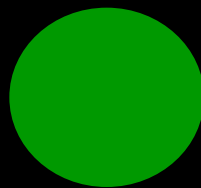
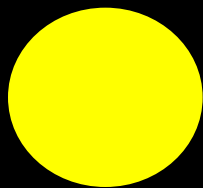
## 環照燈

- 指能夠在**360度**水平弧內不間斷顯示的燈光
- 環照燈可依不同船隻的需要有不同顏色  
如：氣墊船或高速船便會安裝黃色環照燈



# 燈號的能見度

船隻長度	桅頂燈	舷燈	艏燈	環照燈
12 米 以下	2 海浬	1 海浬	2 海浬	2 海浬
12 至 20 米	3 海浬	2 海浬	2 海浬	2 海浬
21-50米	5 海浬	2 海浬	2 海浬	2 海浬
50 米以上	6 海浬	3 海浬	3 海浬	3 海浬





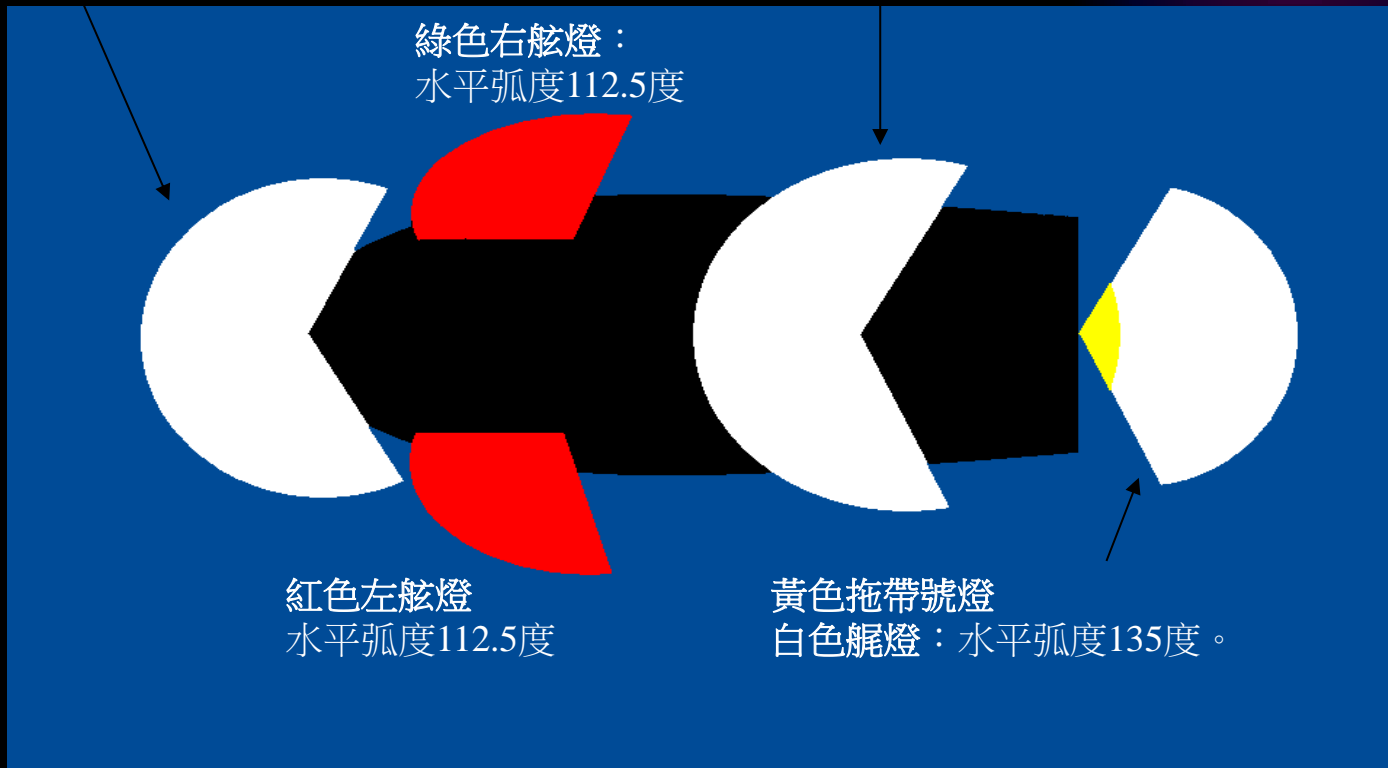
# 船舶燈號的規格

白色前桅燈

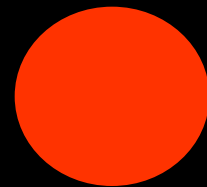
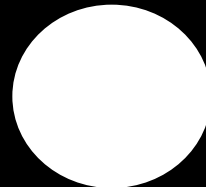
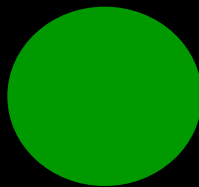
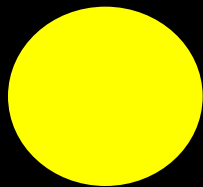
普照水平弧度：225度度。

白色主桅燈

普照水平弧度：225度度

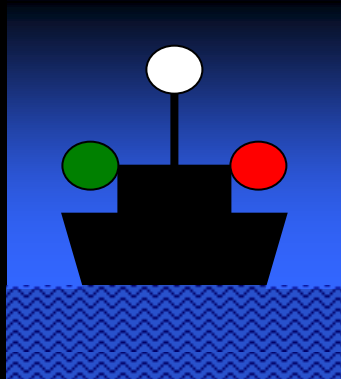


環照燈：普照水平弧度：360度，有白、紅、綠及黃

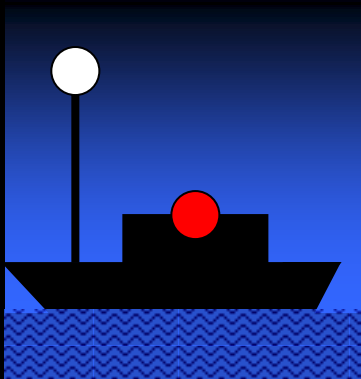


# 不同船隻的燈號

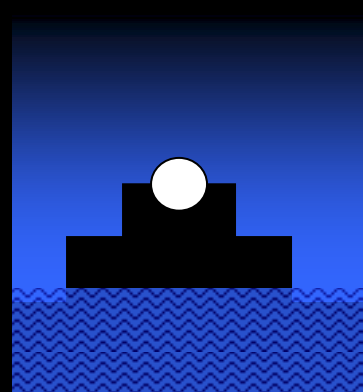
## ● 50米以下機動船



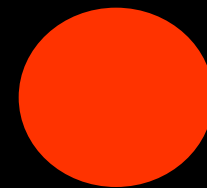
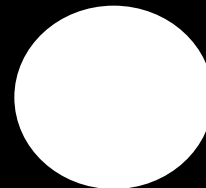
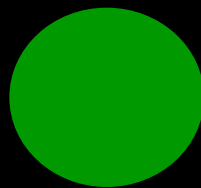
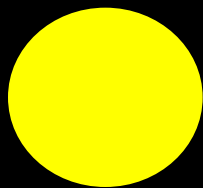
迎面



左航

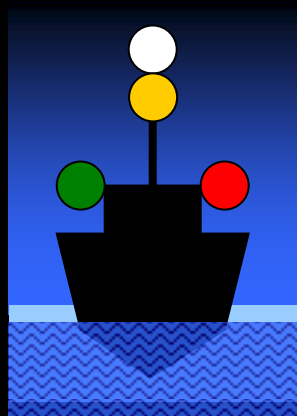


船尾

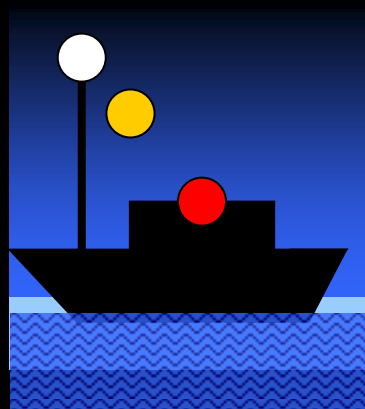


# 不同船隻的燈號

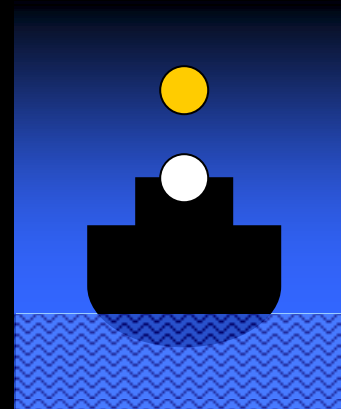
- 氣墊船/高速船



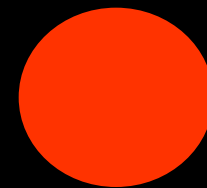
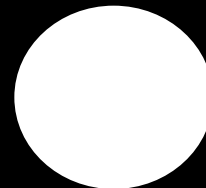
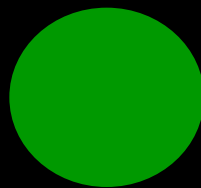
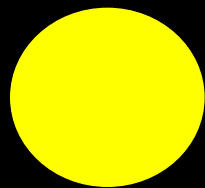
迎面



左航

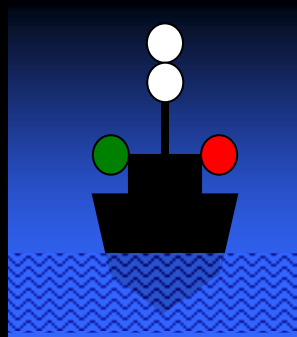


船尾

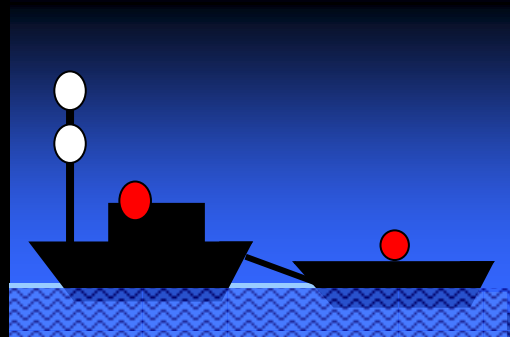


# 不同船隻的燈號

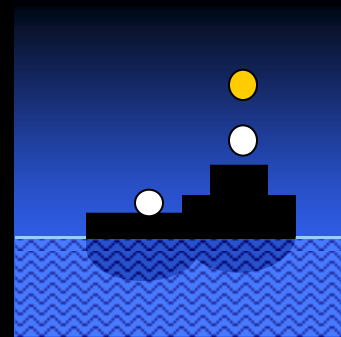
- 拖船 (拖曳長度不超過200米)



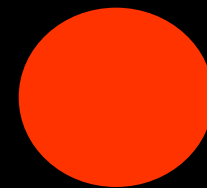
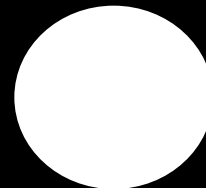
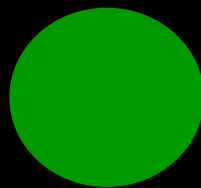
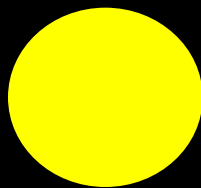
迎面



左航

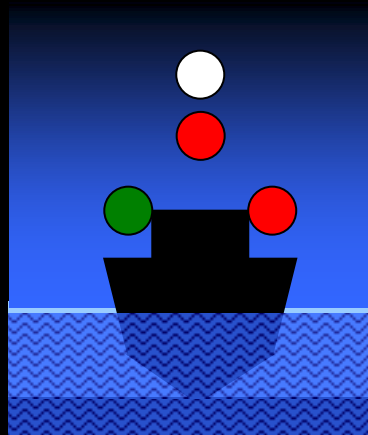


船尾

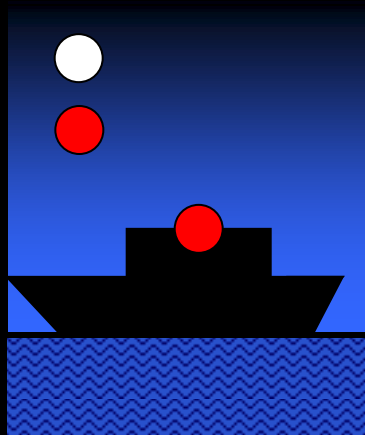


# 不同船隻的燈號

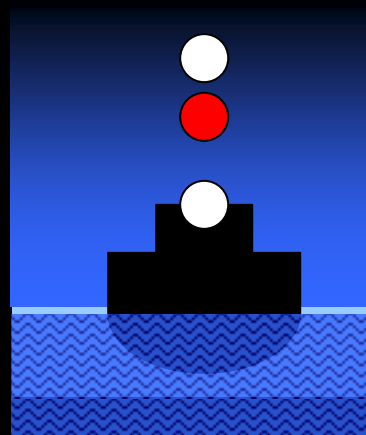
## ● 領航船



迎面

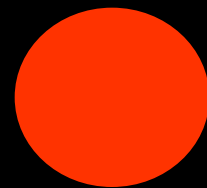
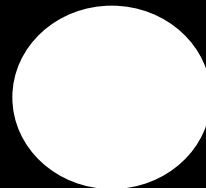
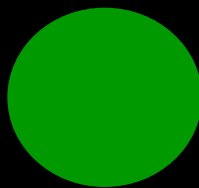
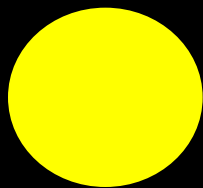


左航



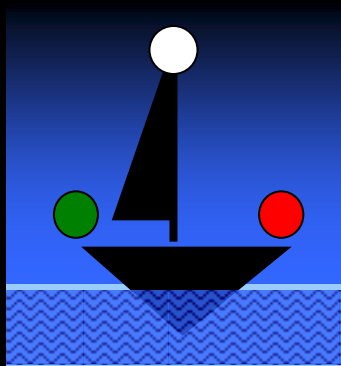
船尾

若拖曳長度超過200米，船頭有三盞主桅燈

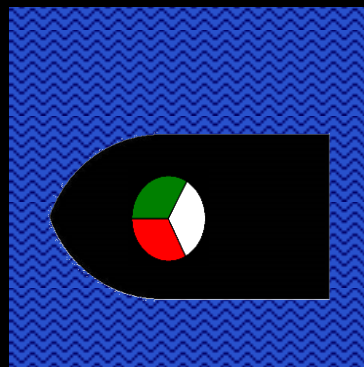


# 不同船隻的燈號

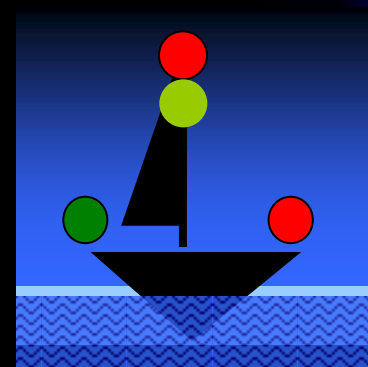
## ● 機動帆船



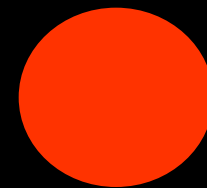
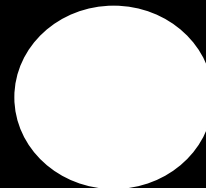
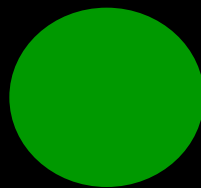
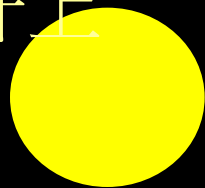
迎面



若帆船長度小於20米，可將三盞燈合併成一盞，設於桅杆上

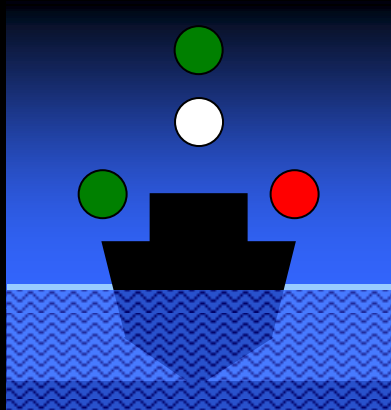


附加燈

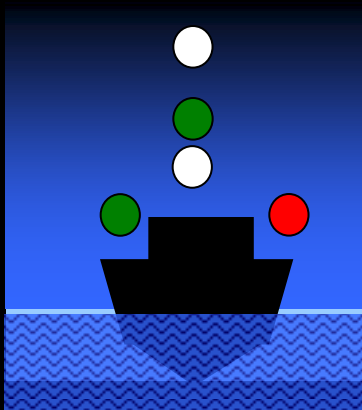


# 不同船隻的燈號

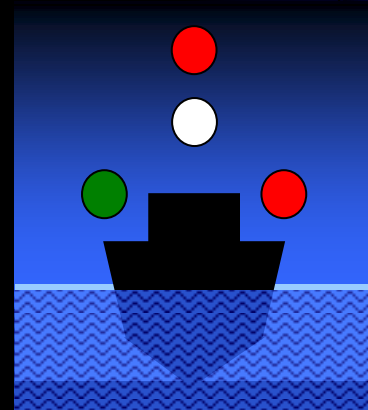
## ● 捕漁船(迎面)



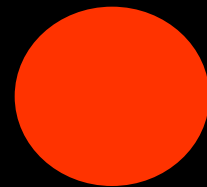
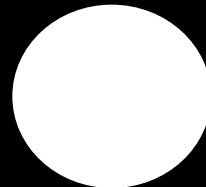
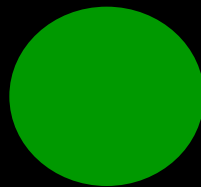
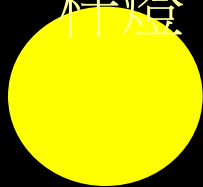
拖網式  
兩盞360度  
環照燈，  
上綠下白



若漁船長度  
為50米或以  
上，需另加  
一白色桅  
杆燈

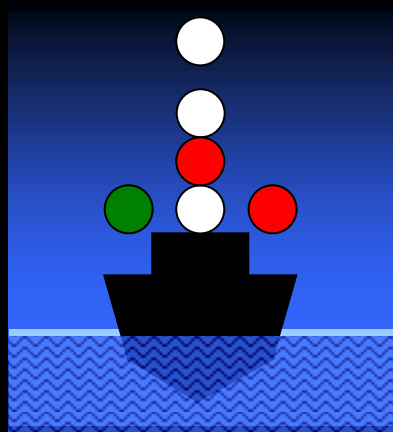


非拖網式  
兩盞360度  
環照燈，  
上紅下白

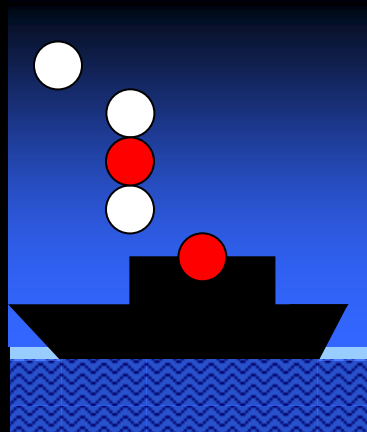


# 不同船隻的燈號

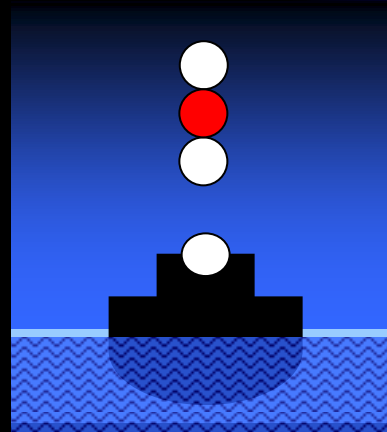
- 我船需要援助



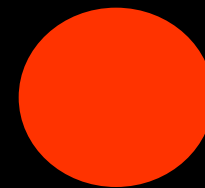
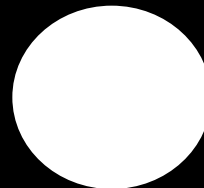
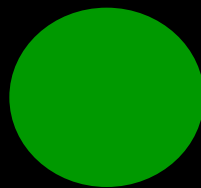
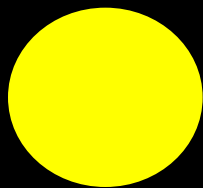
迎面



左航



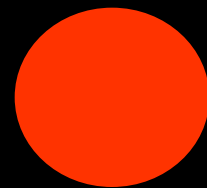
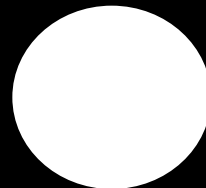
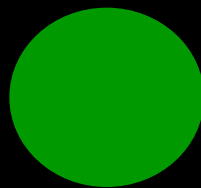
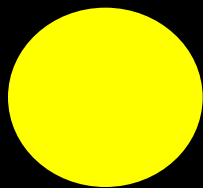
船尾





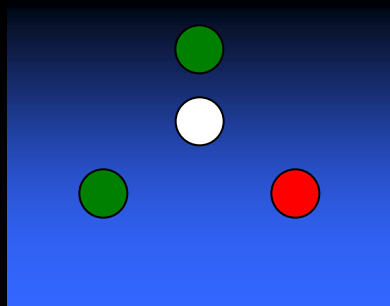
- 口訣

兩白拖，白紅領，紅白、綠白捕魚船

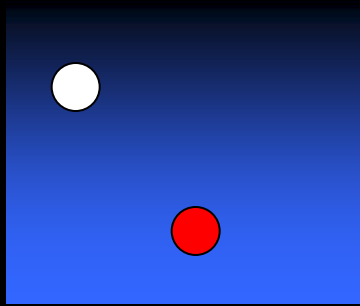


# 練習

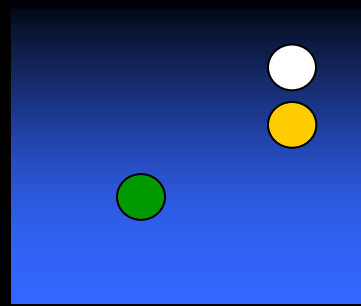
- 請講出下列燈號所表示意義



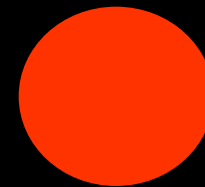
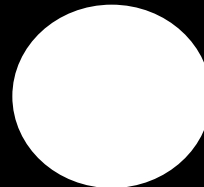
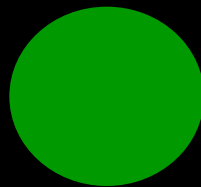
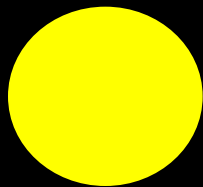
航行中的捕  
漁船，迎面  
而來



航行中機動  
船(50米以)，  
船的左方在  
正前方



航行中氣墊  
/高速船，  
船的右方在  
正前方



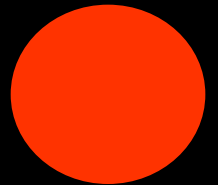
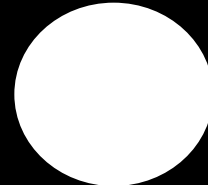
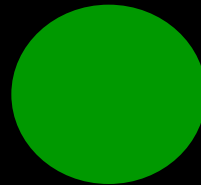
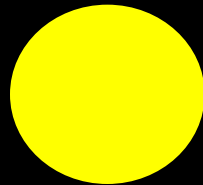
# 聲號

- 短聲：

指時約一秒之汽笛聲，二次笛聲之間隔亦約一秒。兩組聲號之間也不應少於10秒

- 長聲：

指時約四至六秒之汽笛聲

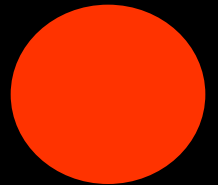
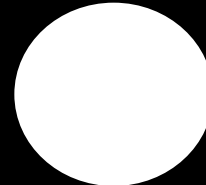
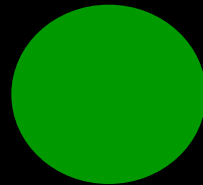
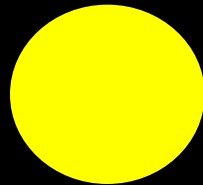


# 聲號

## 在互見中船舶之聲號

此聲號只用於船舶在互見中，在其他情況下絕對不可使用

- 一短聲：我船正在向右轉向
- 二短聲：我船正在向左轉向
- 三短聲：我船正在向後推進
- 五或以上短聲：用以叫醒及警告不遵守規則或動不明，而將會產生碰撞危險的來船

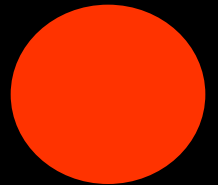
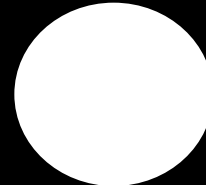
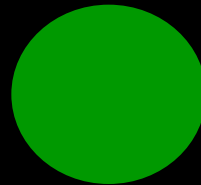
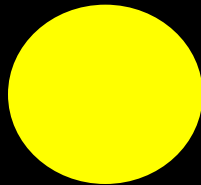


# 聲號

在窄航道及互見中的聲號，抵達彎角時的聲號

- 二長聲繼以一短聲：我船企圖從你船的右舷追越
- 二長聲繼以二短聲：我船企圖從你船的左舷追越

被追越之船若認為安全及同意，則響聲號  
一長聲，一短聲，一長聲，一短聲。以表同意。  
若不同意，則響五短聲之警告信號

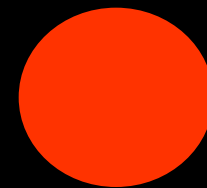
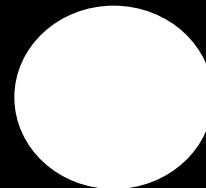
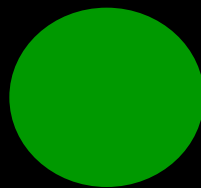
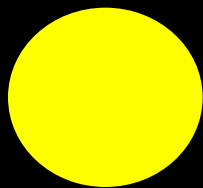


# 聲號

船舶在駛近可能遮蔽他船之彎角時，  
例如：

- 窄航道之彎角；
- 在錨泊中之大船；
- 避風塘或遊艇會之入口。

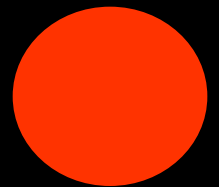
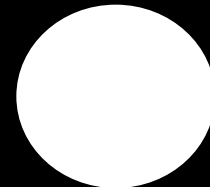
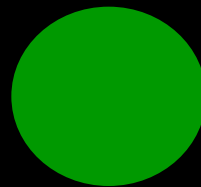
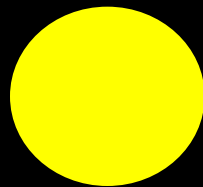
應響一長聲。若在彎角另一端有來船聽到此聲，  
亦應回答一長聲



# 避船規則

- 碰撞危險之定義

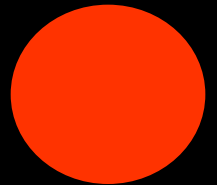
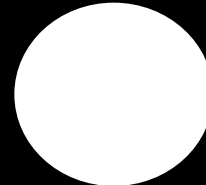
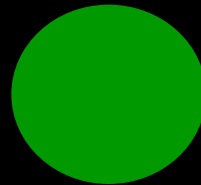
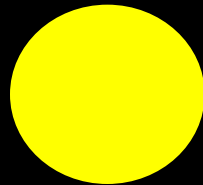
船隻的相對羅經方位不變而距離漸近，表示兩船會有碰撞的危險



# 避船規則

## 碰撞原則

- 保持禮讓；
- 保持足夠瞭望；
- 「綠火」讓「紅火」

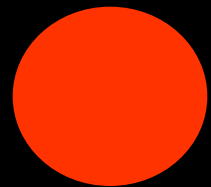
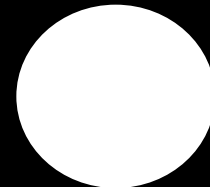
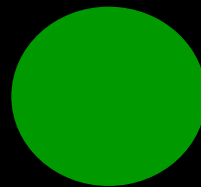
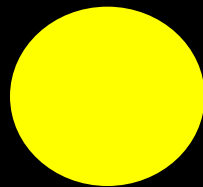




# 避船規則

## 迎面

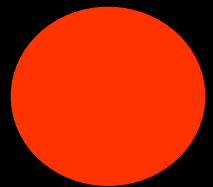
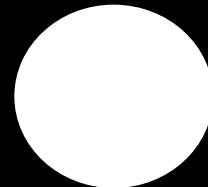
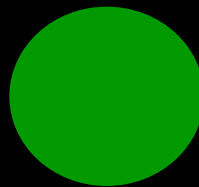
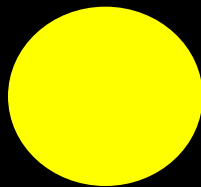
- 保持己船航速，並留心對方的行動；如發現對方作出調整方向的舉動，己方則繼續保持原來的航道；如對方沒有調整航道舉動，己方可作出調整然後再觀察對方的反應，如對方保持航道己方可以繼續前行
- 如對方沒有任何舉動，雙方船隻的距離非常接近，雙方船隻發一短聲，然後各自轉右航行



# 避船規則

## 超越前方船隻

- 保持己方船隻航速，並留心前方船隻的行動
- 向前方船隻發聲號。(詳見在窄航道及互見中的聲號，抵達彎角時的聲號)



# 避船規則

## 狹窄航道

- 減慢航速並加強瞭望，將船隻盡量靠右航行
- 於轉彎位置發出聲號
- 減低船隻航速，並靠右航行

