

# Praktisk banearbejde



**SAILING WORLD  
CHAMPIONSHIPS**  
AARHUS DENMARK 2018





# Generelt



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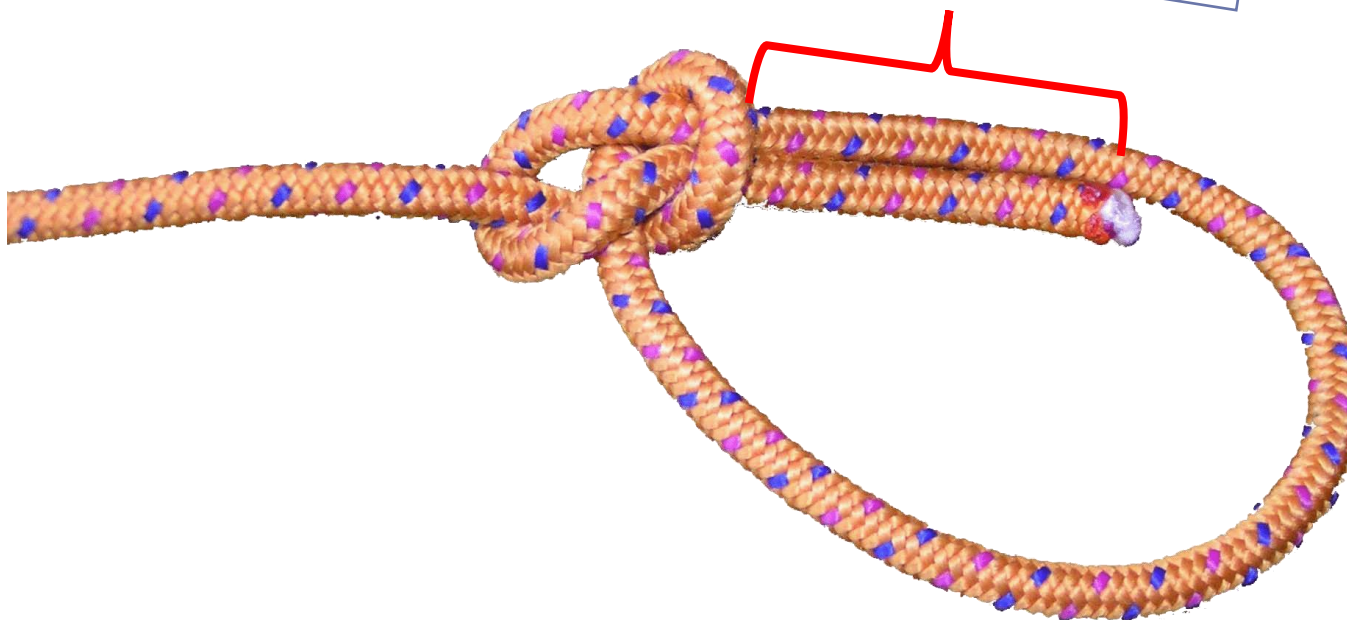






Pælestik – kun pælestik!

Lang snøvs





## Pælestik – sikret



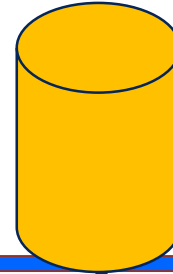
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## Trimning af mærker



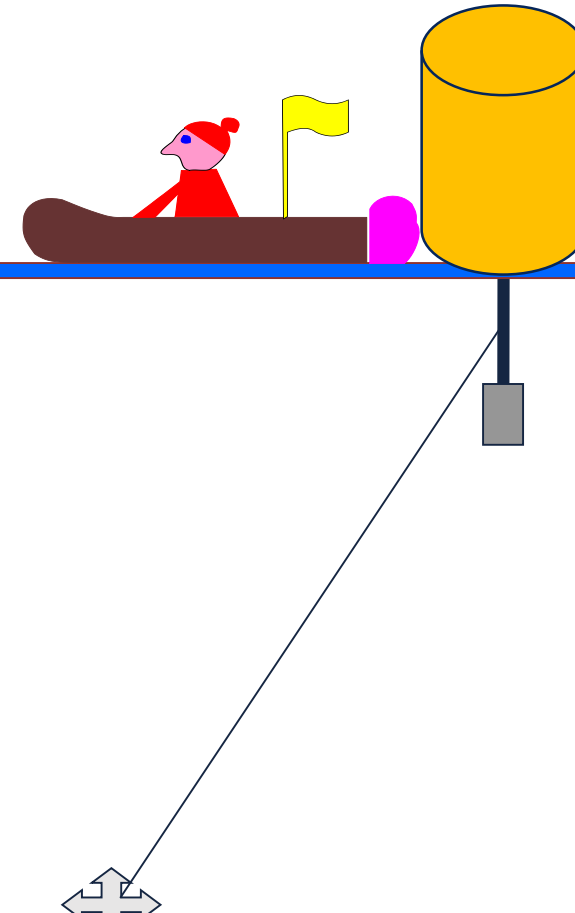
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## Trimning af mærker



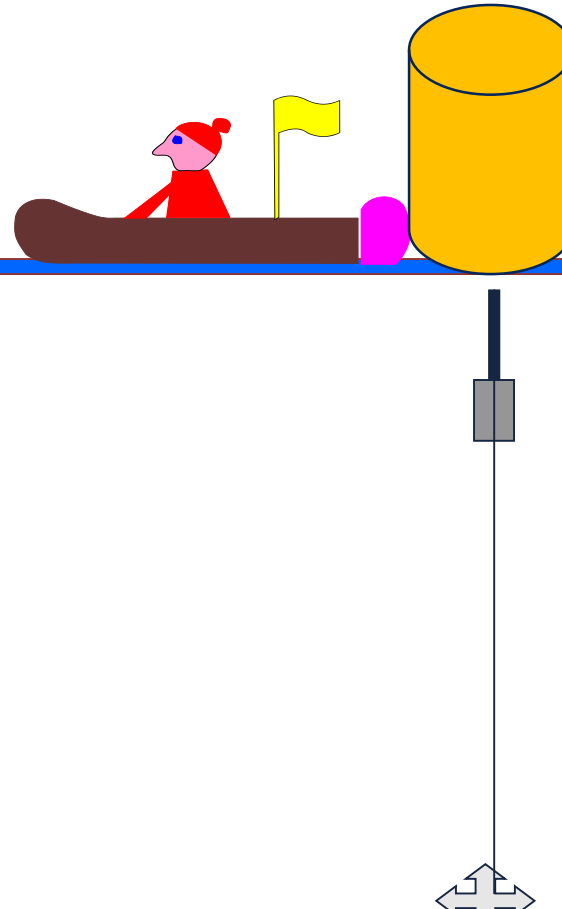
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## Trimning af mærker





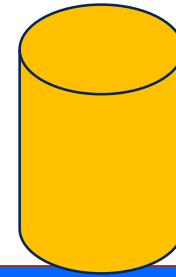
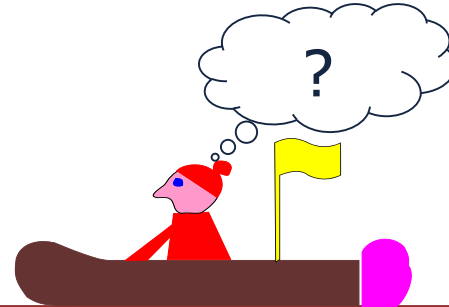
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Trimning af mærker



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# Mod vinden er ikke smart!

(Ligesom den mindre kloge mand)

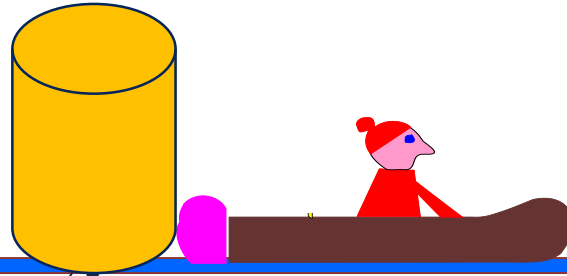
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## Trimning af mærker



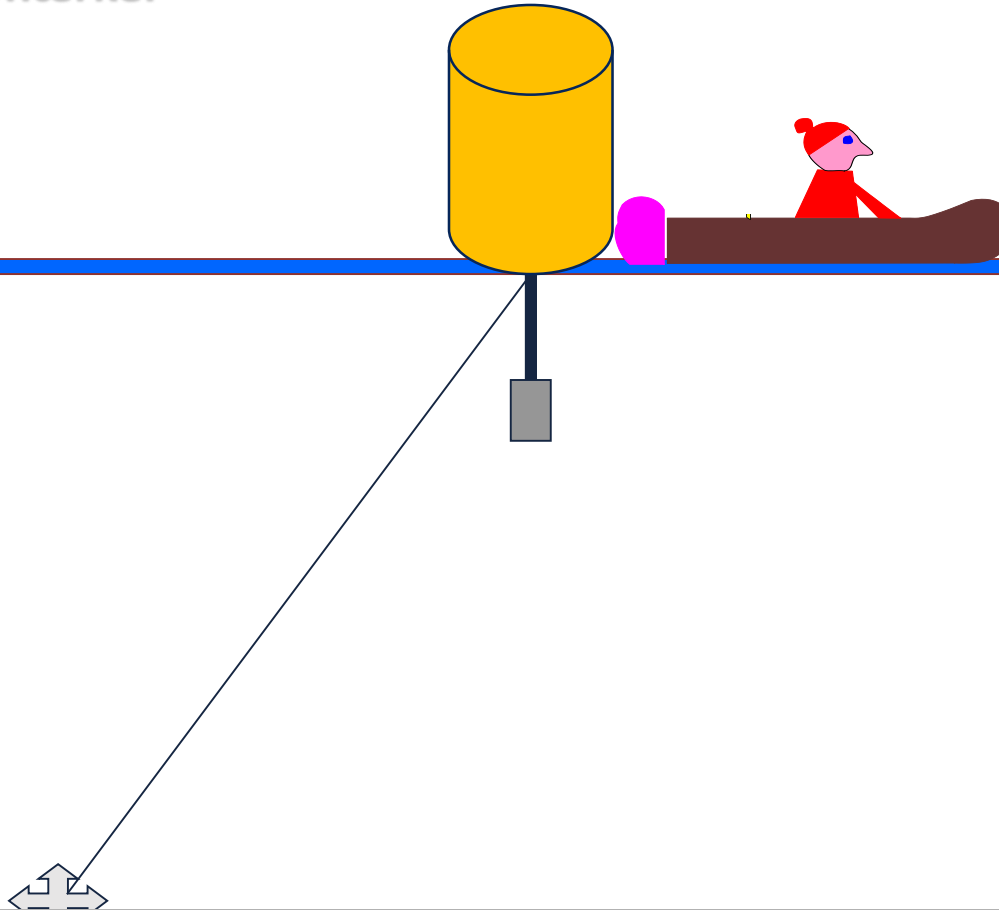
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## Trimning af mærker





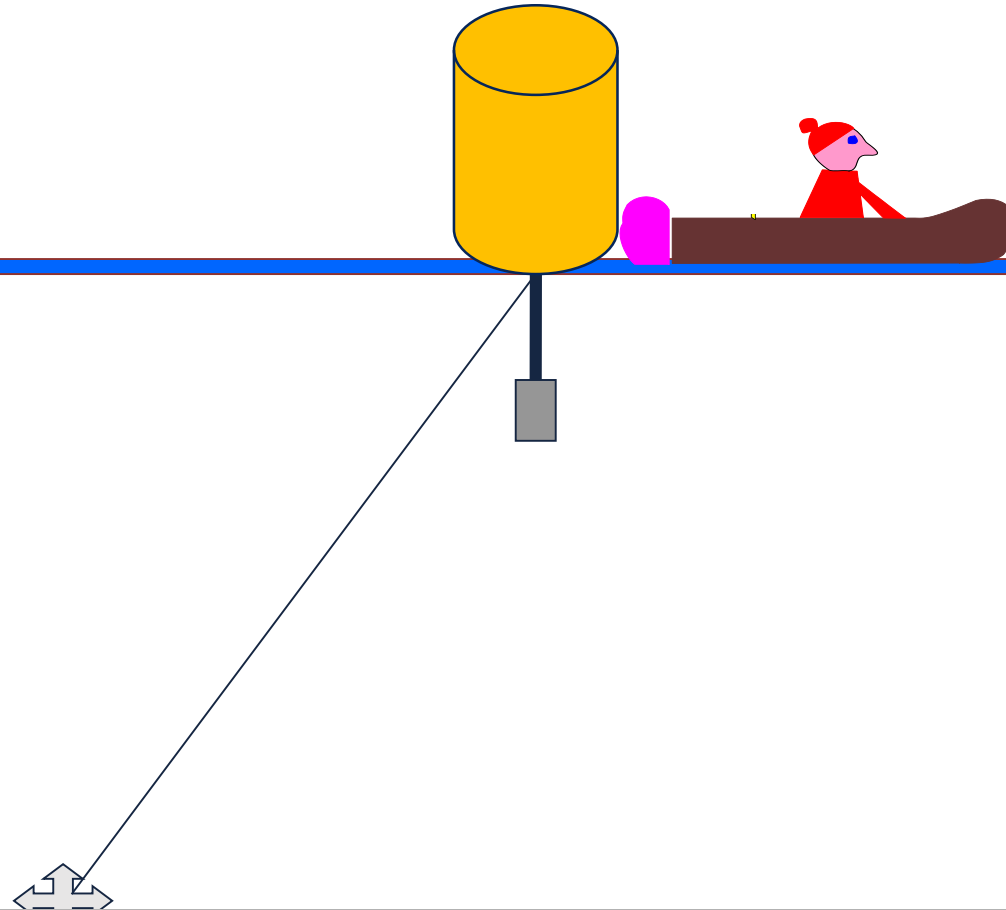
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## Trimning af mærker





## Trimning af mærker



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# Med vinden er smart!

(Ligesom den kloge mand)

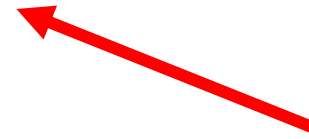
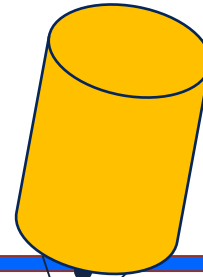
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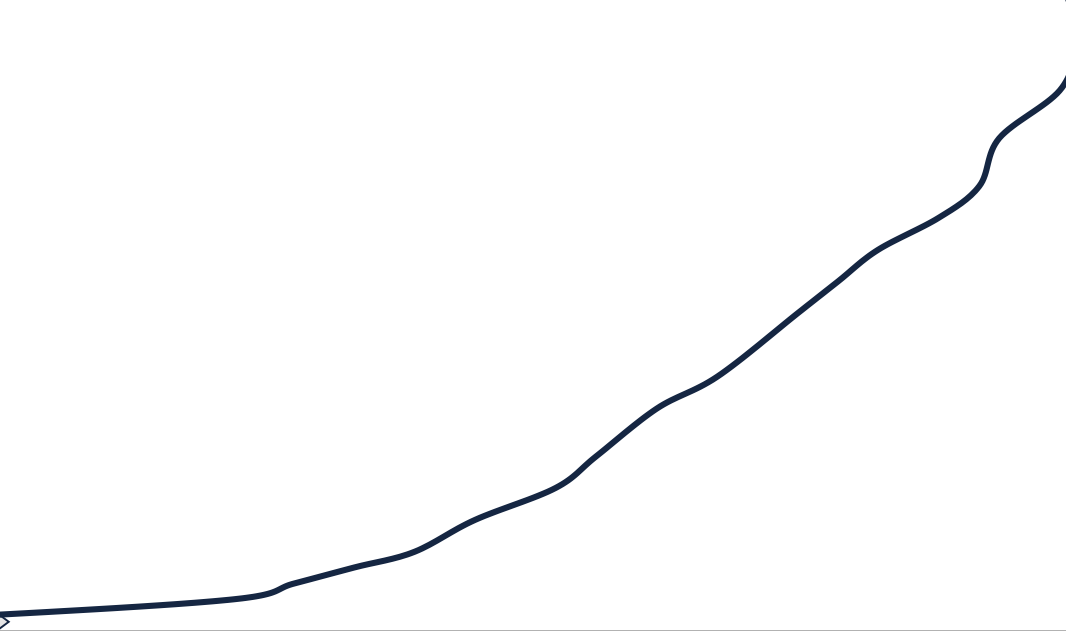
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➡  
Mærker



**Husk:  
Rigelig synk**



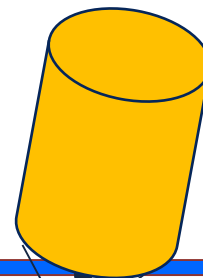
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➡  
Mærker



**Overskydende  
tovværk må ikke  
flyde i overfladen!!!**





# Banen lægges

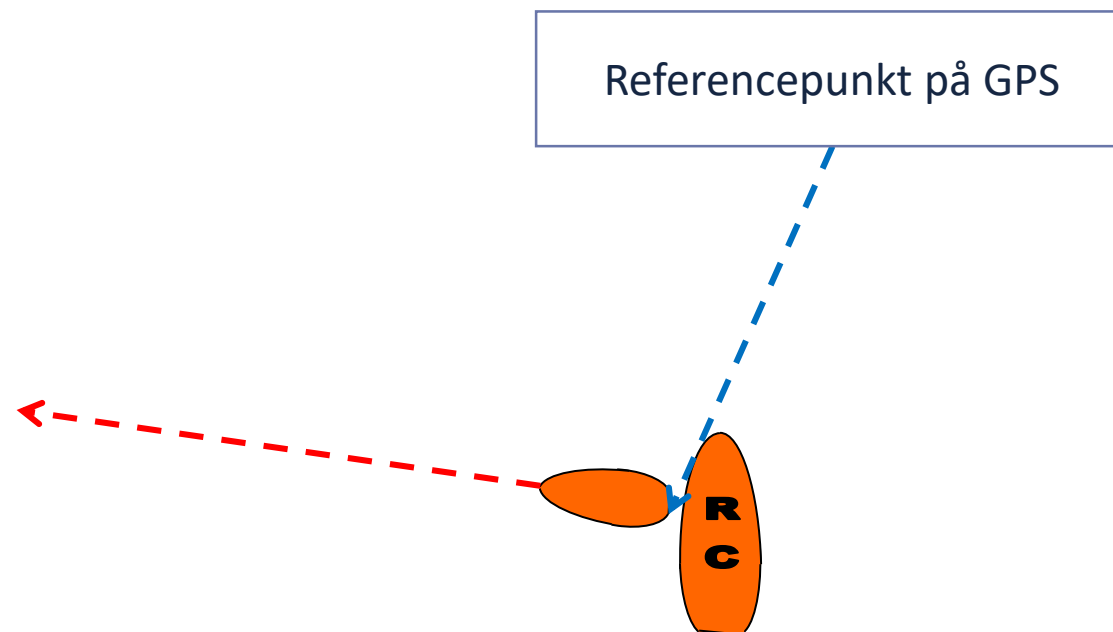


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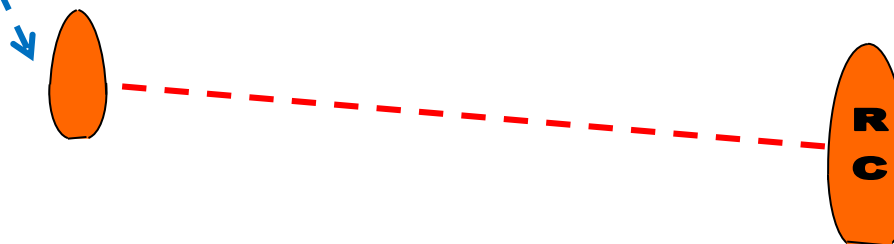
Startfartøjet på position  
Startlinje grov trimmes





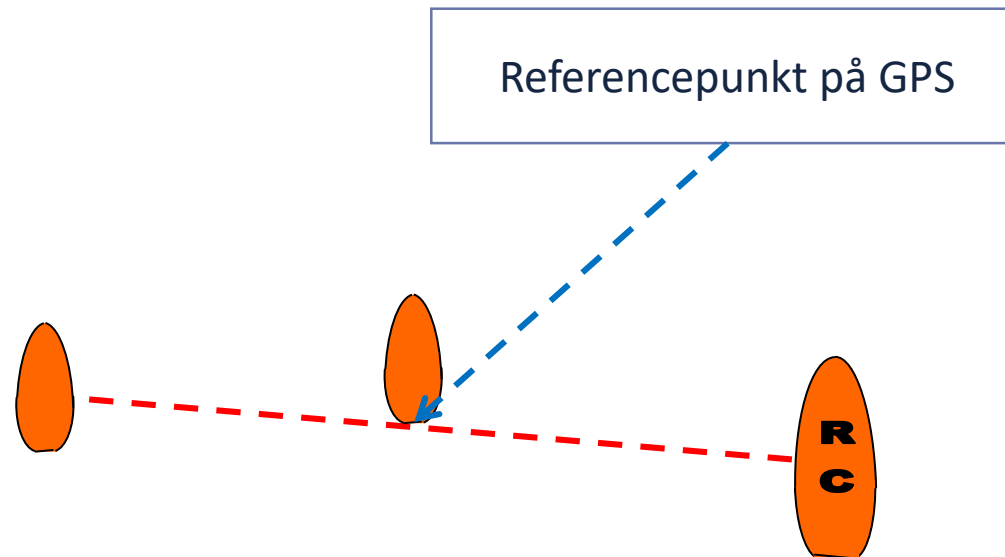
## Startfartøjet på position Startlinje grov trimmes

Retning og afstand til  
referencepunkt aflæses på  
GPS





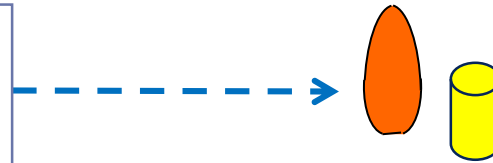
## Krydsmærkebåd sendes afsted





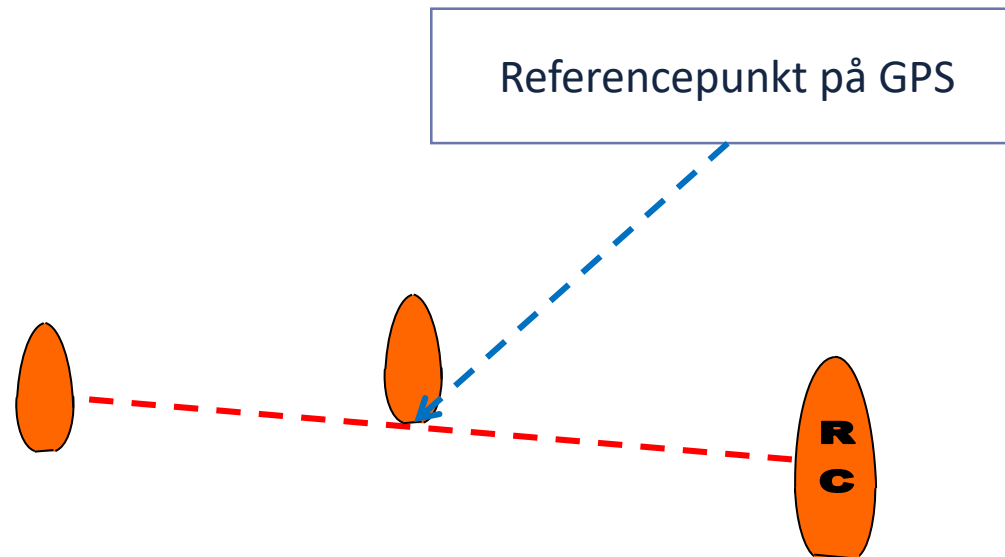
## Krydsmærkebåd på foreløbig position

Retning og afstand til  
referencepunkt aflæses på  
GPS





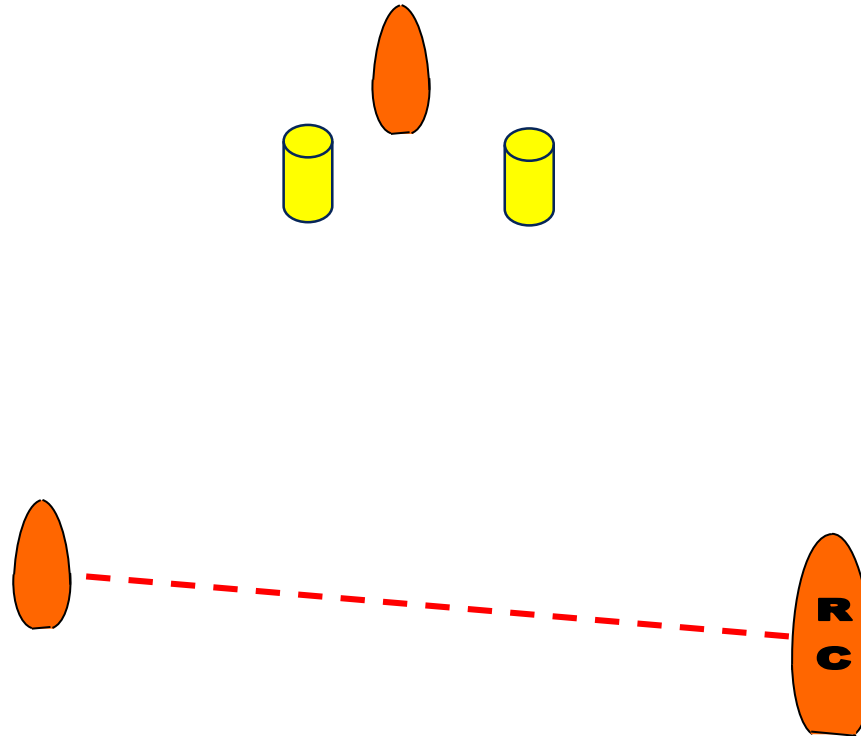
## Gate-mærker udlægges







## Gate-mærker udlægges



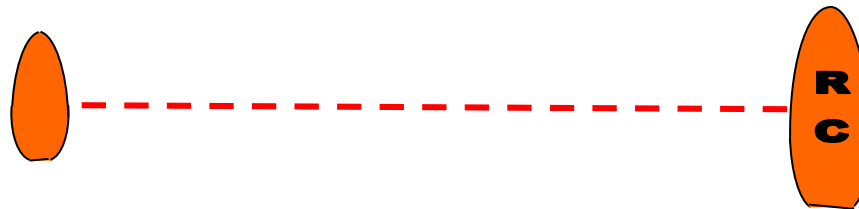
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## Startlinje fintrimmes



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## Startlinien - Neutral



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## Startlinien – luv fordel



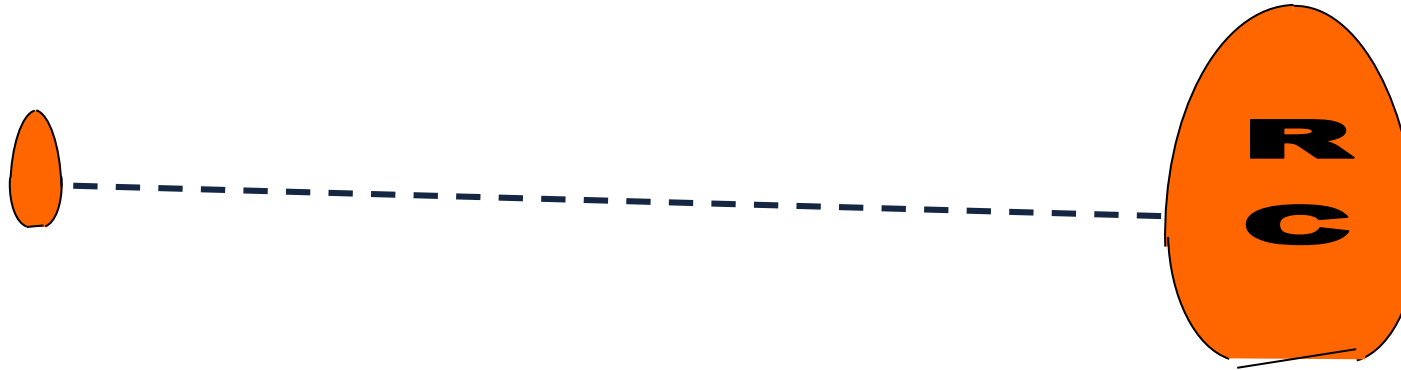
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Startlinien - læ fordel (5°)





## Startlinjen

- Krav:
  - Passende længde – Hvad er det ?
  - Neutral eller en smule bagbord fordel
  - Må ikke justeres efter klarsignalet (normalt 4 minutter før start)

*Den ultimative startlinje findes ikke*



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Krydsmærke og afvisermærke udlægges



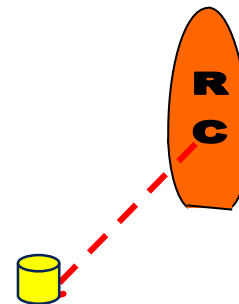
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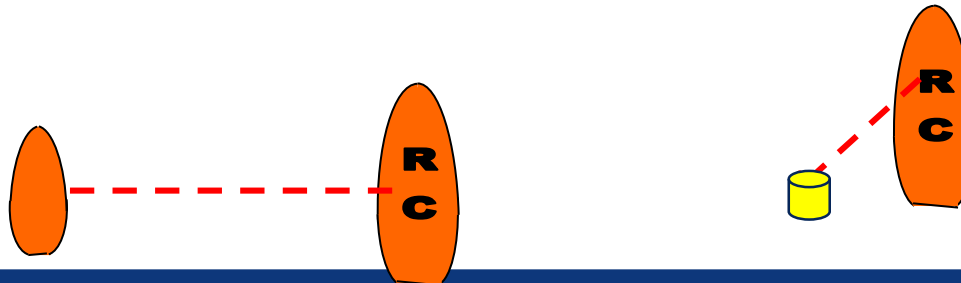
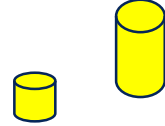


## Mållinjen lægges





Banen ligger – vi er kampklare





# Startprocedure



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## Startprocedure jfr. kapsejlsreglerne

| <i>Minutter før<br/>startsignalet</i> | <i>Visuelt signal</i>                 | <i>Lydsignal</i> | <i>Betydning</i> |
|---------------------------------------|---------------------------------------|------------------|------------------|
| 5*                                    | Klasseflag                            | Et               | Varselssignal    |
| 4                                     | P, I, Z, Z og I, U<br>eller sort flag | Et               | Klarsignal       |
| 1                                     | Klarsignal<br>nedhales                | Et langt         | Et-minut-signal  |
| 0                                     | Klasseflag<br>nedhales                | Et               | Startsignal      |





## Best practice



Auckland 2016  
Youth Sailing  
World  
Championship



**46th Aon Youth Sailing World Championship 2016**  
**14<sup>th</sup> to 20th December 2016, Auckland New Zealand**

## Sailing Instructions

Issued by World Sailing on 6 December 2016

- 9.5 To alert boats that a race or sequence of races will begin soon, the orange starting line flag will be displayed with one sound at least five minutes before a warning signal is made.





## Proceduren som pt. vi kan forvente

| Minutter<br>før<br>startsignalet | Flag                                                                                | Flag<br>op / ned | Signal          | Flag og lydsignal                          | Bemærkninger                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------|------------------|-----------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Min. 10</i>                   |    | ↑                | "Orange flag"   | Orange flag<br>1 lydsignal                 | <i>Mindst 5 minutter til varselssignal.<br/>Tiden er variabel.<br/>Afgives kun før første varselssignal<br/>for første klasse i en sejlads</i> |
| 5                                |    | ↑                | Varselssignal   | Klasseflag<br>1 lydsignal                  |                                                                                                                                                |
| 4                                |    | ↑                | Klarsignal      | Signalflag P<br>1 lydsignal                | Kapsejladsreglerne er i kraft                                                                                                                  |
| 1                                |  | ↓                | Ét-minut-signal | Signalflag P nedhales<br>1 langt lydsignal |                                                                                                                                                |
| 0                                |  | ↓                | Startsignal     | Klasseflag nedhales<br>1 lydsignal         |                                                                                                                                                |

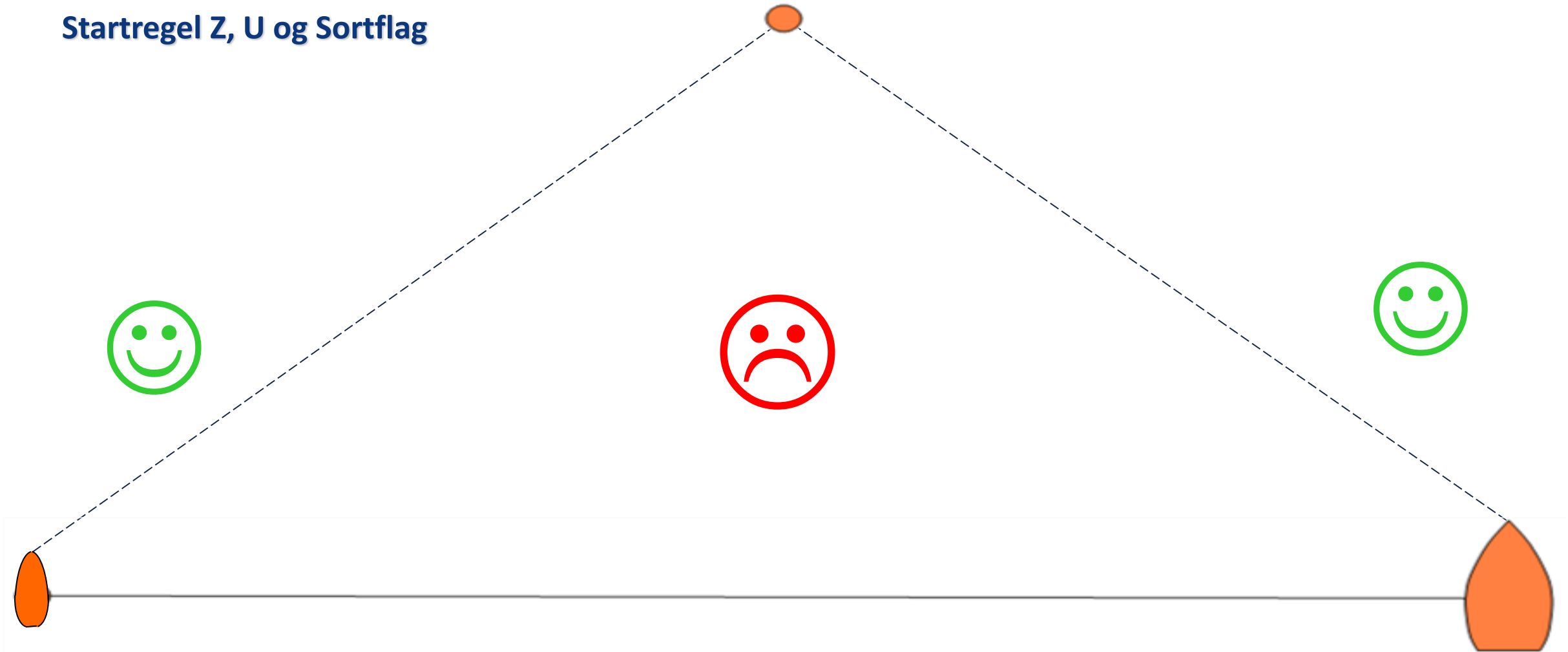


## Skærpet startregel "U"

| Minutter<br>før<br>startsignalet | Flag                                                                                | Flag<br>op / ned | Signal          | Flag og lydsignal                          | Bemærkninger                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------|------------------|-----------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Min. 10</i>                   |    | ↑                | "Orange flag"   | Orange flag<br>1 lydsignal                 | <i>Mindst 5 minutter til varselssignal.<br/>Tiden er variabel.<br/>Afgives kun før første varselssignal<br/>for første klasse i en sejlads</i> |
| 5                                |    | ↑                | Varselssignal   | Klasseflag<br>1 lydsignal                  |                                                                                                                                                |
| 4                                |    | ↑                | Klarsignal      | Signalflag U<br>1 lydsignal                | Kapsejldsreglerne er i kraft                                                                                                                   |
| 1                                |  | ↓                | Ét-minut-signal | Signalflag U nedhales<br>1 langt lydsignal |                                                                                                                                                |
| 0                                |  | ↓                | Startsignal     | Klasseflag nedhales<br>1 lydsignal         |                                                                                                                                                |



## Startregel Z, U og Sortflag





Så er der dømt  
legestue



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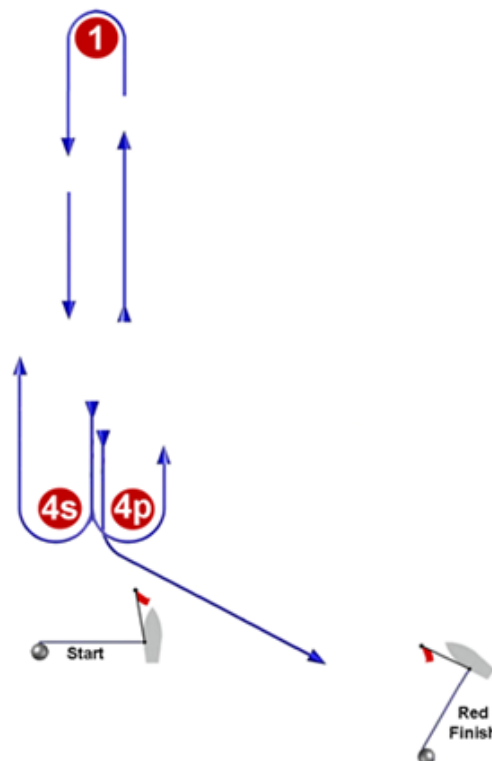






## Aftenens bane LRA2

**LR**



Course: Windward/Leeward

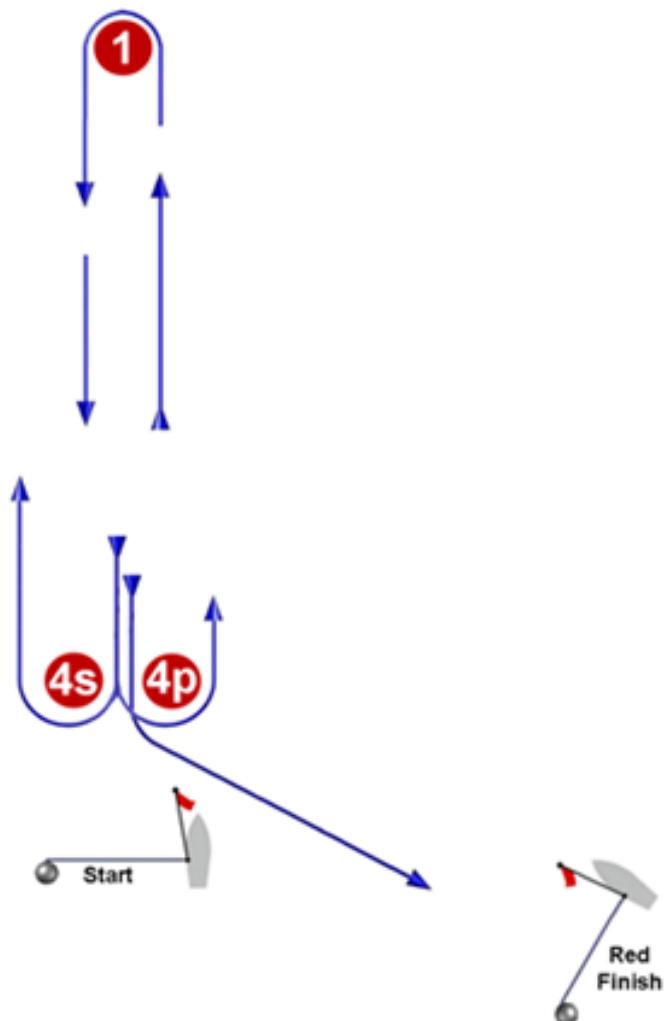
| Signal | Mark Rounding Order                                         |
|--------|-------------------------------------------------------------|
| LR2    | Start - 1 - 4s/4p - 1 - 4p - Finish                         |
| LR3    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish             |
| LR4    | Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish |

**LA**



Course: Same As Course L Except With Offset Mark 1A

| Signal | Mark Rounding Order                                                        |
|--------|----------------------------------------------------------------------------|
| LA2    | Start - 1 - 1a - 4s/4p - 1 - 1a - Finish                                   |
| LA3    | Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish                  |
| LA4    | Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish |



## Banebådsbehov:

- Startfartøj (stor)
- Startlinjebåd (Rib)
- Krydsmærke og afvisermærkebåd (Rib eller lign.)
- Gatebåd (Rib eller lign.)
- Måltagningsbåd (stor)
- Mållinjebåd (Rib)





## Aftenens bemanding

| Startfartøj | Startlinjebåd | Krydsmærkebåd | Gate-båd | Måltagningsbåd | Mållinjebåd |
|-------------|---------------|---------------|----------|----------------|-------------|
|             |               |               |          |                |             |
|             |               |               |          |                |             |
|             |               |               |          |                |             |
|             |               |               |          |                |             |
|             |               |               |          |                |             |
|             |               |               |          |                |             |