

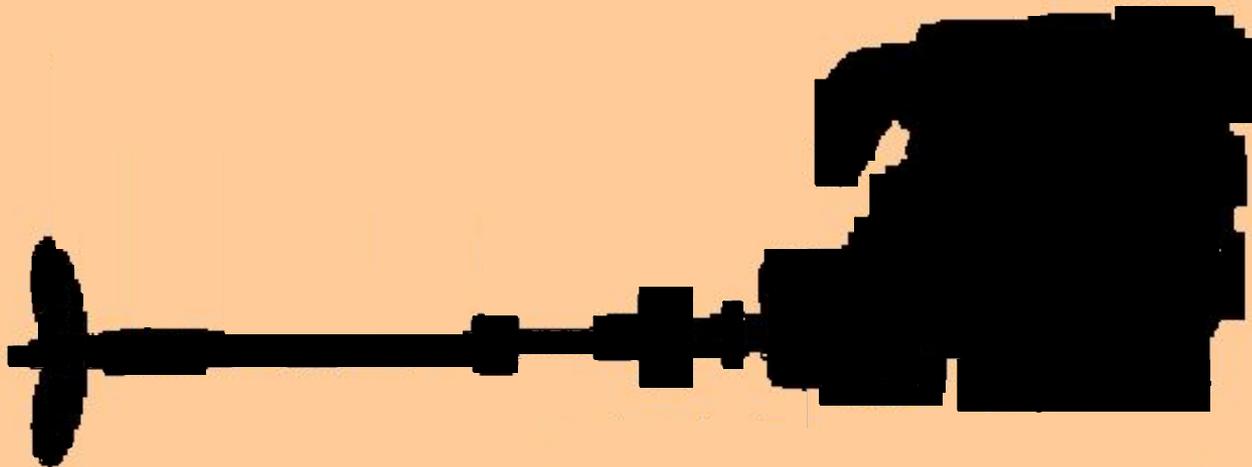
# Reversing the engine

Direct Acting Engine, Reversing gear, Controllable Pitch Propeller

# direct acting engine

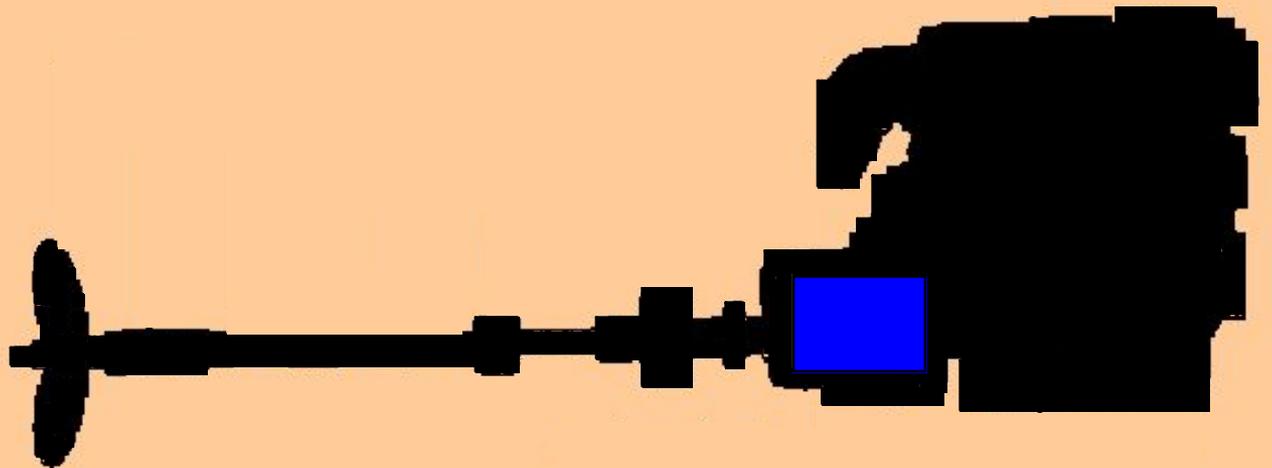
In a *direct acting engine* the shaft is directly coupled to the propeller.

In order *to reverse* it, we have to stop the engine first.



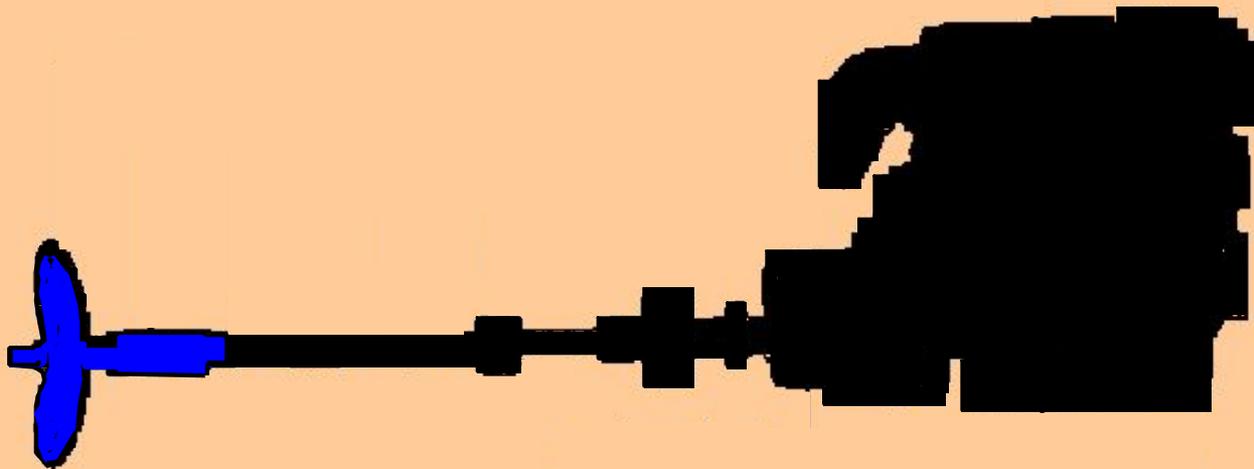
# reversing gear

With a *reversing gear* the *direction* in which the ship is *proceeding* can be changed.



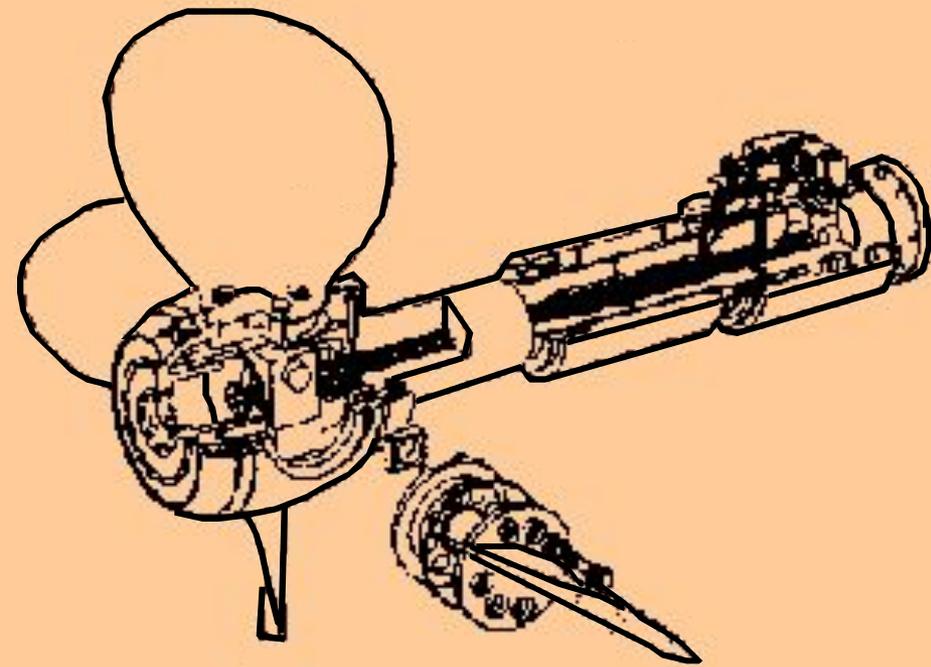
# controllable pitch propeller

A *C.P.P.* is fitted with *adjustable blades*.



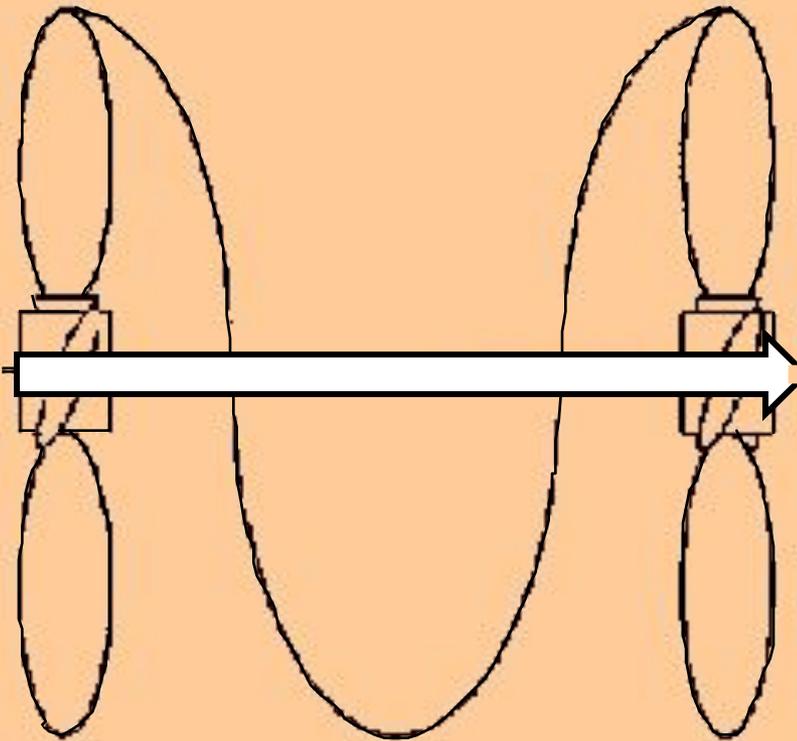
# adjustable blades

By changing the position of the blades the *propeller-pitch* can be controlled.



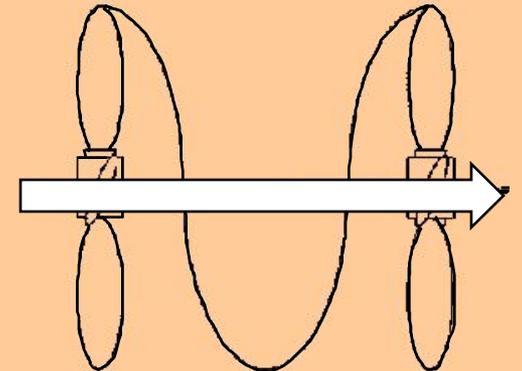
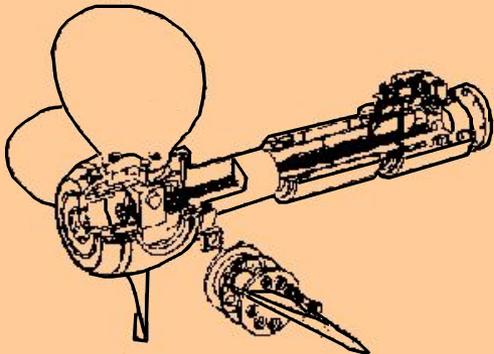
# pitch

By *pitch* is understood the *distance travelled* after *one revolution* of the screw.



So:

A *Controllable Pitch Propeller* is fitted with *adjustable blades* that can be put in a position that will change her *speed* and even her *sailing direction*.



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# FINISHED

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