

Rule 42 Presentation

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WHAT DO WE WANT TO ACHIEVE?

- **To understand the concept of rule 42**
- **To understand better rule 42 interpretations**
- **How to apply the rules at an event?**



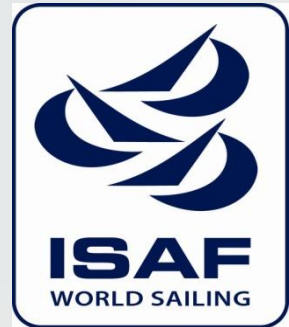
WORK PLAN

- **BASIC RULE**
- **PROHIBITED ACTIONS**
- **EXCEPTIONS**
- **CHANGES**
- **QUESTIONS**



BASIC RULE

What is it all about?



BASIC RULE

RRS 42.1

Except when permitted in rule 42.3 or 45, a boat shall compete by using only the wind and water to increase, maintain or decrease her speed. Her crew may adjust the trim of sails and hull, and perform other acts of seamanship, but shall not otherwise move their bodies to propel the boat.



BASIC RULE

We use...

- WIND
- WATER



+



To...

- INCREASE
- MAINTAIN
- DECREASE



=



Boat's Speed!



BASIC RULE

WHAT IS THE PROPULSION ?

**EVERYTHING THAT IS NOT THE ACT OF
SEAMANSHIP**

HOW CAN WE BREAK THE BASIC RULE?

- By **INCREASING** speed
- By **MAINTAINING** speed
- By **DECREASING** speed



SPORTSMANSHIP ?



Photos by: Marek Karbowski



UNDERSTANDING THE BASICS

BASIC 4

Except when permitted under rule 42.3, any single action of the body that **clearly** propels the boat (in any direction) is prohibited.



CLEARLY ?

CLEARLY

1. In such a way as to allow easy and accurate perception or interpretation
2. Without doubt; obviously: "clearly, that crew movement propelled the boat"



PROHIBITED ACTIONS

What prohibited actions do you know?



PROHIBITED ACTIONS

RRS 42.2

- **PUMPING**
- **ROCKING**
- **OOCHING**
- **SCULLING**
- **REPEATED TACKS OR GYBES**



WORKING TIME!

How much do YOU know about rule
42?



WORKING TIME!

**How would you describe
PUMPING?**



PUMPING

RRS 42.2 (a)

Repeated fanning of any sail either by pulling in and releasing the sail or by vertical or athwartships body movement

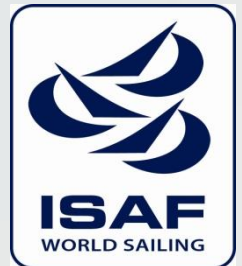
REPEATED is more than once in the same
area on a leg

PUMP is a single pull on a sail that is unrelated
to wind or waves



WORKING TIME!

What types of pumping do you know?



PUMPING

Sheet pumping

Fanning a sail

IN



and

OUT



Body pumping



PROHIBITED ACTIONS

PUMP 1

Fanning a sail in and out not in response to wind shifts, gusts or waves.



PROHIBITED ACTIONS

PUMP 6

Repeated flicks of a sail due to body pumping



WORKING TIME!

**How would you describe
ROCKING?**



WORKING TIME!

What things can cause rocking?



ROCKING

RRS 42.2 (b)

Repeated rolling of the boat, induced by:

- 1) body movement
- 2) repeated adjustment of the sails or centerboard, or
- 3) steering

ROLL is a single-cycle athwartship movement of the boat during which the mast goes to leeward and back to windward, or vice versa.



ROCKING



IN



OUT

Photo by: Marek Karbowski



PROHIBITED ACTIONS

ROCK 5

A single body movement that is immediately followed by *repeated rolling* of a boat.



x 2 or more



x 1



PROHIBITED ACTIONS

ROCK 7

Repeated rolling not linked to wave patterns even if the boat changes course with each *roll*.



x 2 or more

x 2 or more

WORKING TIME!

**How would you describe
OOCHING?**



OOCHING

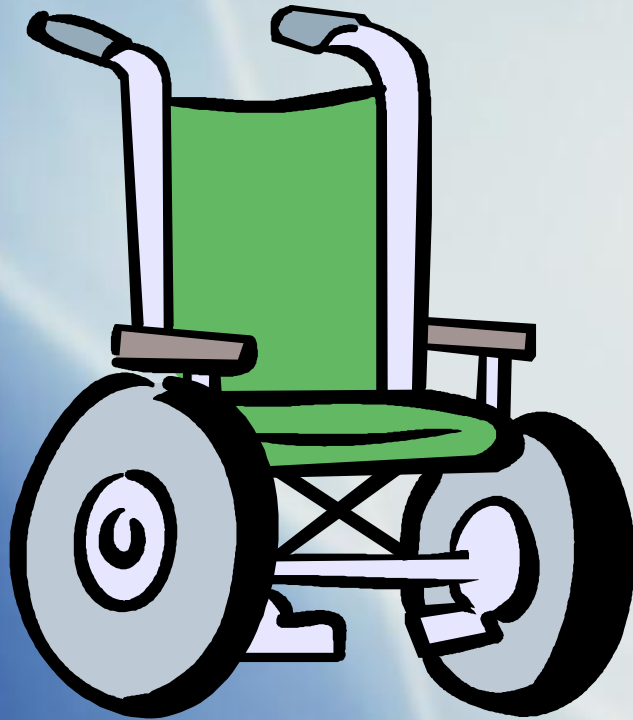
RRS 42.2 (c)

Sudden forward body movement, stopped abruptly

TORQUING is repeated fore and aft or rotating movement of the body.



OOCHING can be compared to..



OOCHING

OOCH 2

***Torquing* on flat water is prohibited.**



WORKING TIME!

**How would you describe
SCULLING?**



SCULLING

RRS 42.2 (d)

Repeated movement of the helm that is either:

- **forceful** or that
- **propels the boat forward** or
- **prevents her from moving astern;**



SCULLING

Sculling



**REPEATED
forceful movement
of the helm**

SCULLING

Sculling



REPEATED
movement of the
helm propelling
the boat forward

SCULLING

Sculling



**REPEATED
movement of the
helm preventing the
boat from moving
astern**

PROHIBITED ACTIONS

SCULL 2

After a boat has sculled in one direction, further connected sculling to offset the first sculling action.



PROHIBITED ACTIONS

SCULL 3

Sculling to offset steering of the boat caused by backing a sail.



WORKING TIME!

**What do you understand by
REPEATED TACKS and GYBES?**

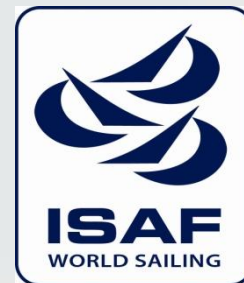


REPEATED TACKS AND GYBES

RRS 42.2 (e)

Repeated tacks or gybes unrelated to changes in the wind or to tactical considerations.

REPEATED is more than once in the same area on a leg



REPEATED TACKS AND GYBES

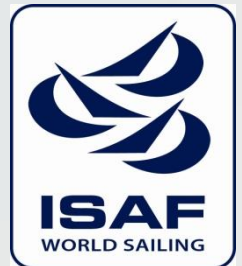
TACK 1

This Interpretation has been deleted



WORKING TIME!

What exceptions of rocking do you know?



EXCEPTIONS

RRS 42.3 (a)

A boat may be rolled to facilitate steering.



EXCEPTIONS

RRS 42.3 (b)

A boat's crew may move their bodies to exaggerate the rolling that facilitates steering the boat through a tack or a gybe, provided that, just after the tack or gybe is completed, the boat's speed is not greater than it would have been in the absence of the tack or gybe.



EXCEPTIONS

ROCK 8

You can move your body in order to exaggerate rolling the boat through a tack or gybe provided the boat's speed after a tack or gybe is not greater than it was before the manoeuvre.



Photo by: Bartłomiej Szotyński



Speed before a tack = / > Speed after a tack

WORKING TIME!

**How can you move your body to
facilitate steering?**



EXCEPTIONS

ROCK 6

Heeling to windward to facilitate bearing away and heeling to leeward to facilitate heading up are permitted. **The amount the boat is heeled has to be consistent with the amount the boat turns.**



WORKING TIME!

**What exceptions of pumping do
you know?**



EXCEPTIONS

RRS 42.3 (c)

Except on a beat to windward, when surfing (rapidly accelerating down **the front of** a wave) or planing is possible, the boat's crew may **pull in any sail** in order to initiate surfing or planing, but each sail may be pulled in only once for each wave or gust of wind.



1 x



EXCEPTIONS

PUMP 7

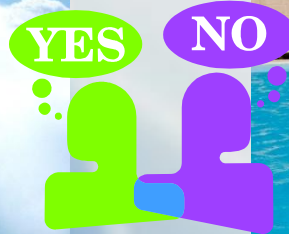
When planing or surfing conditions are marginal you can **pull in any sail** to make an attempt to plane or surf.



EXCEPTIONS

PUMP 10

It is only necessary for planing conditions to exist at the position of a boat for her to be permitted to **pull in a sail.**



EXCEPTIONS

RRS 42.3(e)

If a batten is inverted, the boat's crew may pump the sail until the batten is no longer inverted. This action is not permitted if it clearly propels the boat.



WORKING TIME!

What exceptions of sculling do you know?



EXCEPTIONS

RRS 42.3 (d)

When a boat is above close-hauled and either stationary or moving slowly, she may scull to turn to a close-hauled course.



EXCEPTIONS

SCULL 1

Provided the boat's course is above close-hauled and she clearly changes direction towards a close-hauled course, you can make repeated forceful movements of the helm, even if the boat gains speed. You may turn to a close-hauled course on either tack.



WORKING TIME!

**When is it permitted to repeatedly
tack and gybe?**



PERMITTED

- **When there are changes in the wind**
- **In the presence of tactical considerations**



Few more EXCEPTIONS

RRS 42.3 (f)

A boat may reduce speed by repeatedly moving her helm.

RRS 42.3 (g)

Any means of propulsion may be used to help a person or another vessel in danger.

RRS 42.3 (h)

To get clear after grounding or colliding with another boat or object, a boat may use force applied by the crew of either boat and any equipment other than a propulsion engine.



Few more CHANGES

ROCK 2

One roll that does not **clearly propel the boat** is permitted.

BASIC 6

After a tack when a boat is on her new close-hauled course, body movement **clearly** propelling the boat is prohibited under rule 42.1.

PUMP 8

If a boat repeats an unsuccessful attempt to plane or surf, she is in the yellow light area. **A third consecutive failure is prohibited.**

PUMP 12

Exception 42.3(c) does not apply to a boat that is already surfing or planing.



YOUR TURN again!



**Can the NOR or SI change
rule 42?**



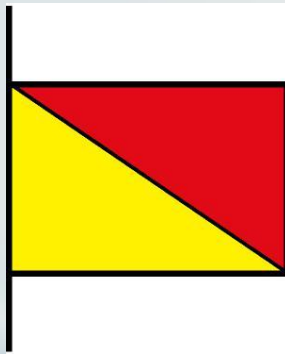
NO.
Only class rules can do it.



**What flag is used to turn off
rule 42?**



Oscar flag



**What actions are permitted
once flag O is displayed?**



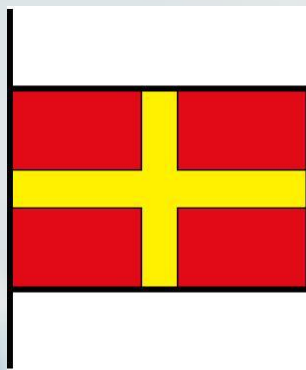
Pumping Rocking Ooching



**What flag is used to turn on
rule 42 again?**



Romeo flag



Where can flag O or R be displayed?



**Flag O can be displayed at the
starting vessel or at any
mark.**

**Flag R can be displayed at the
mark.**



**How do we signal a penalty
under rule 42?**



Whistle.
Point a yellow flag.
Hail a sail number.



**What does a boat have to do
after first penalty?**



Take Two-Turns Penalty



**What does a boat have to do
after second penalty?**



Promptly retire from the race



**What does a boat have to do
after third and subsequent
penalty?**



Promptly retire from the race



**When can a boat, if at all,
request redress under
Appendix P?**



When judges fail to take into account a race committee signal or a class rule.



LUNCH TIME!

