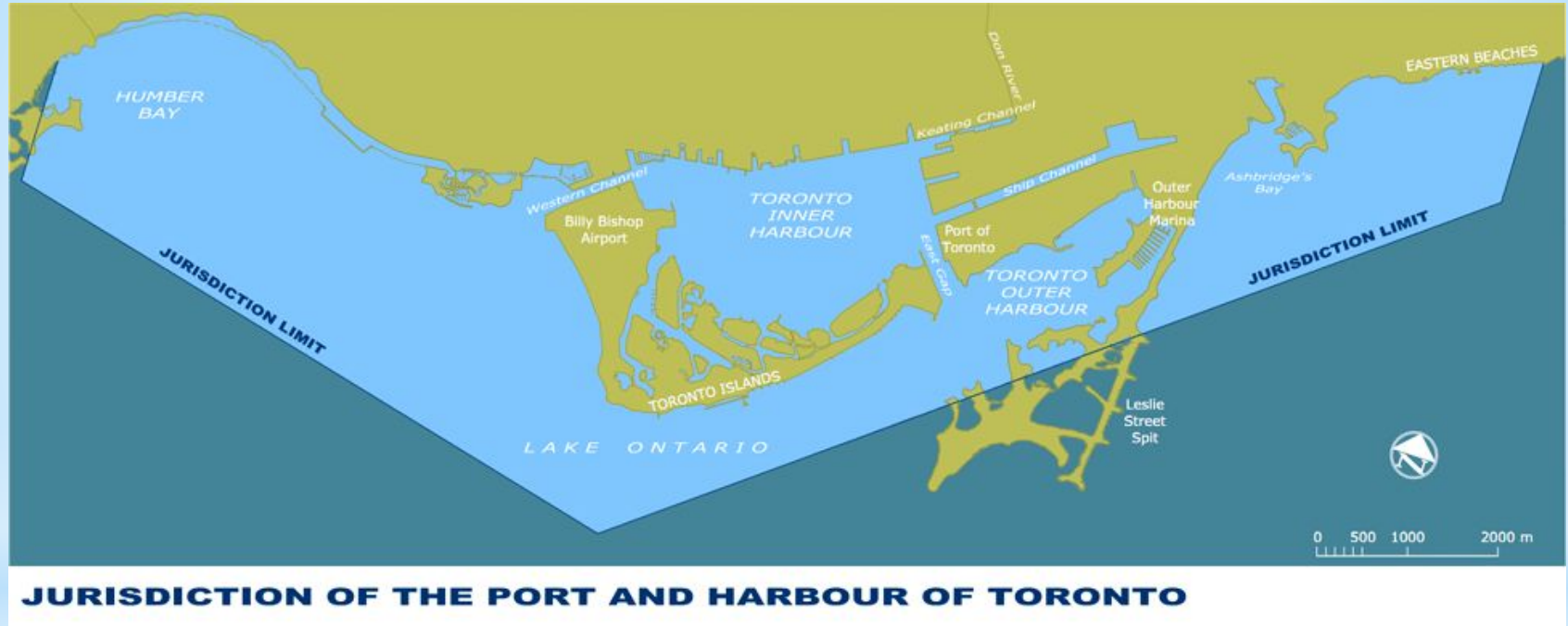


# Toronto Port Authority



## Power Vessel Operator Permit

# Jurisdiction



**West:** 1 mile south of mouth of Humber River

**South:** 1 mile south of Gibraltar point

**East:** 1 mile south of old city limit at Victoria park

# Requirements

- must have a Proof of Competency and Toronto Permit to operate a power vessel
- must be 14 years of age
- renewal - permits expire Dec 31 - renew online at [portstoronto.com](http://portstoronto.com), by mail, or in person.



# Speed Limits



**No wake** behind Western Breakwater and in the Toronto Island lagoons  
**5 knots** within 150 m of any shoreline or breakwater  
**10 knots** elsewhere, including the center of the inner harbour  
**Operate in a safe manner at all times**

# Speed Limits



**JURISDICTION OF THE PORT AND HARBOUR OF TORONTO**

No wake behind Western Breakwater and in the Toronto Island lagoons

# Speed Limits



**JURISDICTION OF THE PORT AND HARBOUR OF TORONTO**

5 knots

within 150 m of any shoreline or breakwater



# Speed Limits



**JURISDICTION OF THE PORT AND HARBOUR OF TORONTO**

10 knots elsewhere,  
including the center of the inner harbour

# Prohibited Zone Airport



Entry is both a Federal  
offence, and a fine up to  
\$ 10,000







# Prohibited Zone Airport



Entry is both a Federal  
offence, **and** a fine up to  
\$ 10,000

# Tall Vessels

Vessels over 60 feet  
( 18.3m)

- Before entering the Western Channel, contact airport on VHF channel 12
- Follow the designated route in the ship channel as prescribed in the 'tall ships' memorandum





# Accidents



**Both** skippers are responsible for notifying the Toronto Marine unit on VHF 16 or 416-808-5800



# Ferries



**Avoid interfering** in any manner with the ferry in the Western Gap and the ferries to the Toronto islands

The ferry in the Western Gap will give one blast as he departs (sometimes)

# Swimming Pollution Exhaust noise

- No swimming except at designated areas
- No refuse, including oil, gas, tar or paint to be discharged
- Exhaust Noise - stock muffler to be used and kept in working order

# Safety



**Adhere to all small vessel regulations  
examples:**

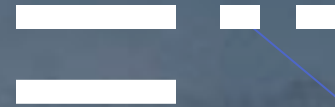
Identifications marking  
safety equipment including fire extinguishers



# Sound signals fog

every 2 minutes

- not under power- one long two short
- under power - one long



- operating in fog:
- slow down, have an extra lookout
- make sound signals, listen for sound
- turn on navigation lights
- Hoist radar reflector, turn on radar

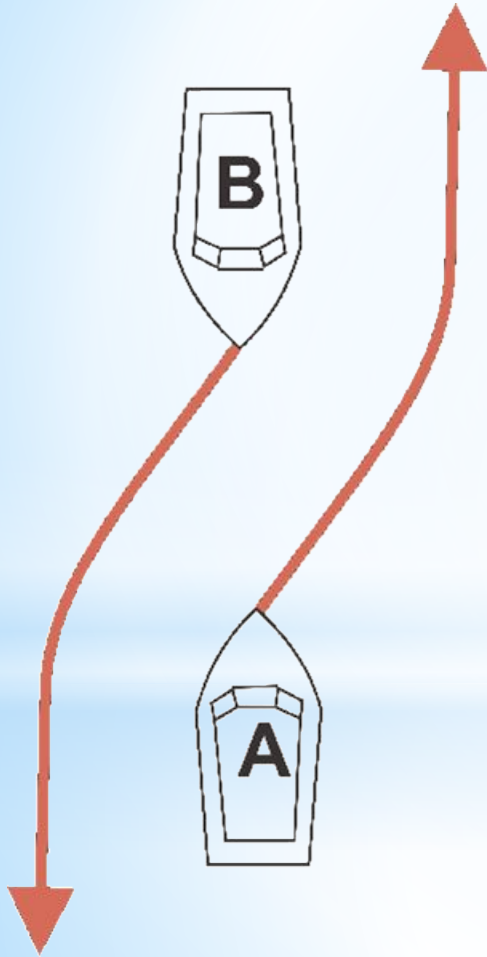


# Sound signals under way

- \* Maneuvering or passing to starboard - one short
- \* Maneuvering or passing to port - two short
- \* Vessel reversing - 3 short
- \* Do not understand - 5 short

# Collision Regulations

## Bow to bow



Both vessel go to  
starboard  
signal with one short





# Collision Regulations

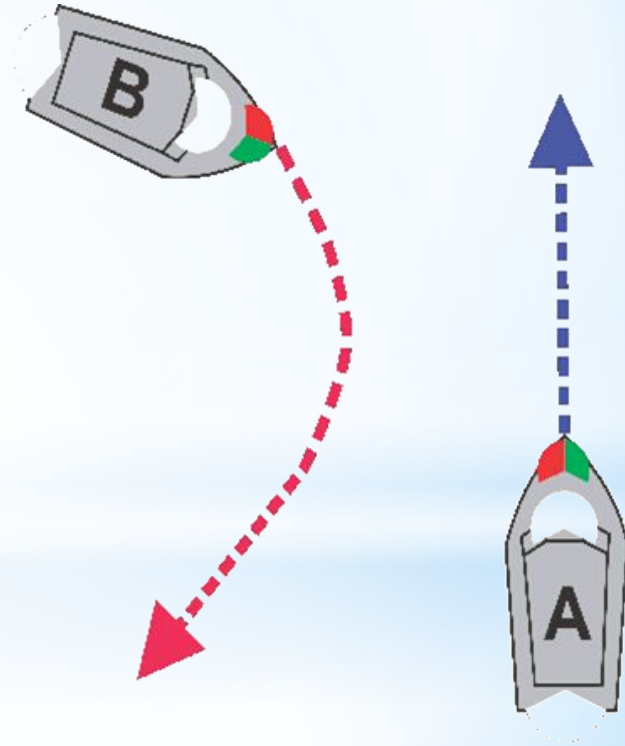
## Two power vessel at an angle

**B must give-way as A is coming from his starboard**

**Note: B sees the red light on A's port side**

**A is stand-on as B is coming from his port**

**Note: A sees the green light on B's starboard side**



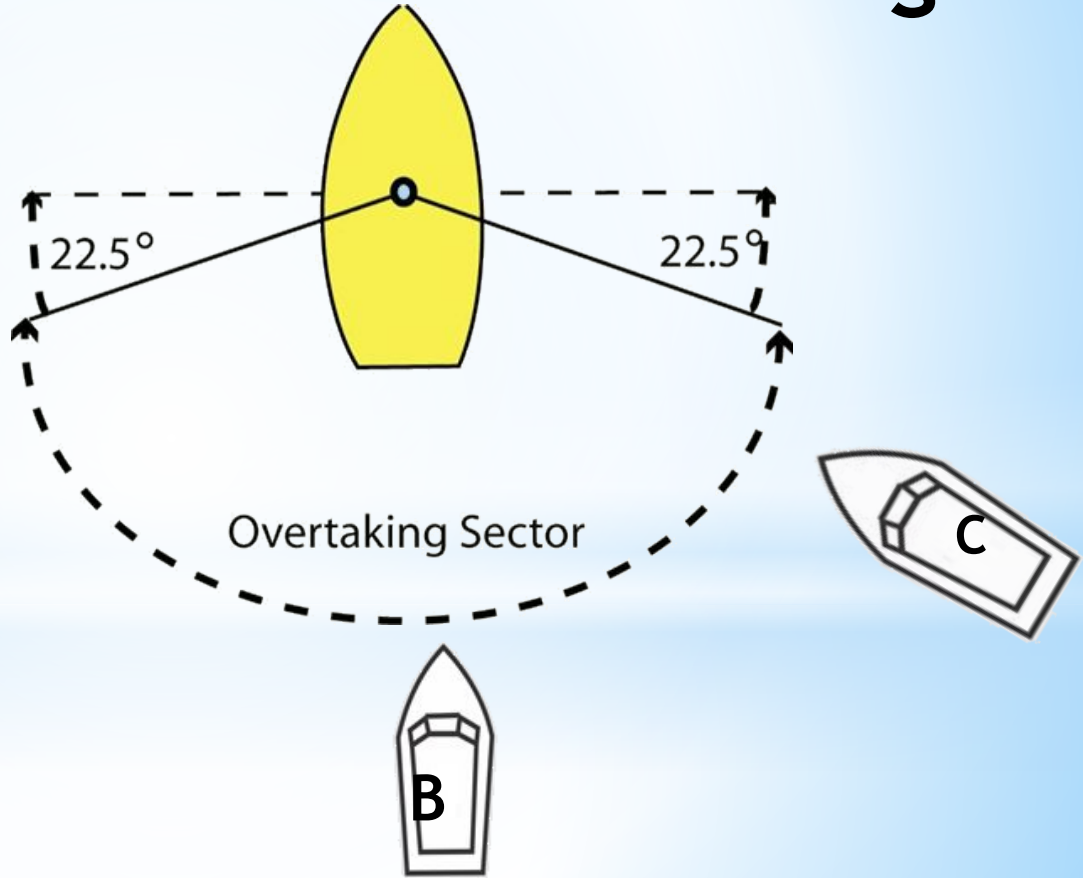
# Collision Regulations

## Overtaking

The overtaking vessel **STAYS CLEAR** of the vessel it is overtaking (gives way)

Both B and C are overtaking

vessels 22.5 degrees abaft the beam are overtaking



# Collision Regulations

## Large vessels



Large vessels are restricted due to draft and maneuverability.

**STAY WELL CLEAR**



# Collision Regulations

## sails up, using power



A sailing vessel **using power, with sails up** is a **power vessel** and must follow the collision regulations for a power vessel

# Buoys Fairway

Red/white vertical stripes

mid channel buoy indicating safe  
entrance to the harbour

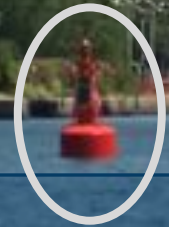
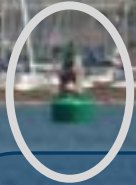
Safe either side, but typically pass  
it on the right (keep it to port)





# Buoys

## Lateral



*when returning (upstream or into the harbour)*

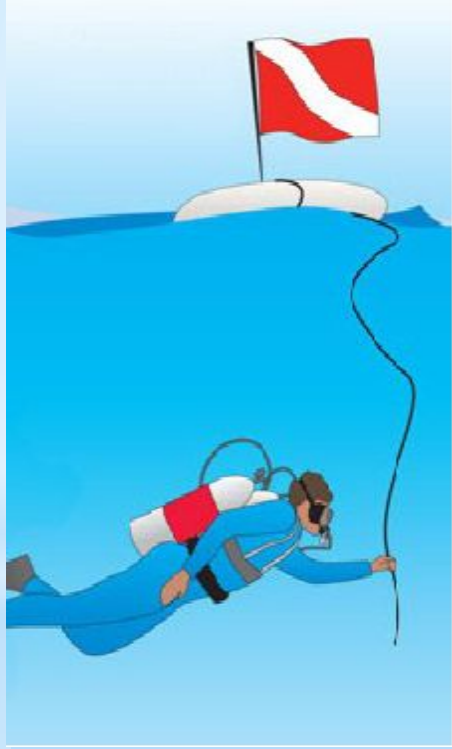
keep **red** to starboard (starboard hand buoy) (right)  
- *red right returning*

Keep **green** to port (port hand buoy)



# Buoys

## Diving



**STAY WELL AWAY**

Stay away twice as far as  
you think you need to



**Diver down**



**Diving vessel**

# Safety

## Crew overboard

Crew overboard (powerboat)  
first action - put engines in neutral

# Safety

## Western Channel

All vessels

Must use engines in the Western Channel



# Safety

## Personal Flotation Devices

- PFD - required to have one Transport Canada approved PFD for each person aboard (correct size for children)
- May not turn an unconscious person face up, only a SOLAS lifejacket will.



# Safety flares



\* 6 m. to 9 m. vessel - six (6) flares

\* 9 m. to 12 m. vessel - twelve (12) flares

validity: 4 years from date of manufacture  
stamped on the flare

# Safety - Distress signals

## MARINE RADIO

### DISTRESS CALL

Use: 2182 kHz (MF) or  
channel 16, 156.8 MHz (VHF)  
DSC alert, channel 70 (only  
for DSC type radios and  
where the service is offered)



### CALLING PROCEDURES

Mayday Immediate danger for persons or ship  
Mayday  
Mayday

Pan Pan Urgent message about the safety  
Pan Pan of a person or ship  
Pan Pan

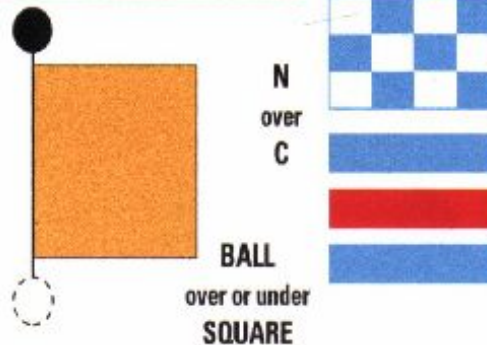
- Give vessel name and call sign
- State position of vessel
- Describe the emergency

## EMERGENCY POSITION INDICATING RADIOBEACONS (EPIRBs)

Use alarm signal



## CODE FLAGS



## DISTRESS CLOTH

To attract attention:  
spread on cabin or deck  
top, or fly from mast.



## ARM SIGNAL

Keep raising  
and lowering  
outstretched arms.



## SOUND SIGNALS

Make continuous sound  
with any fog-signalling  
apparatus. Fire a signal  
gun or other explosive  
signal at one-minute intervals.



## FLARES

Type A: Rocket Parachute  
Flares  
Type B: Multi-Star Flares  
Type C: Hand-Held Flares  
Type D: Smoke Signals  
(Buoyant or Hand-Held)



## DYE MARKER



## FLASHLIGHT

Or other light source





# Impaired operation

## Alcohol and Drugs



Can result in loss of BOTH power boat operator permit and vehicle driver's licence, as well as fines.

# Power Vessel Operator Testing

**written test:**

15 correct out of 20

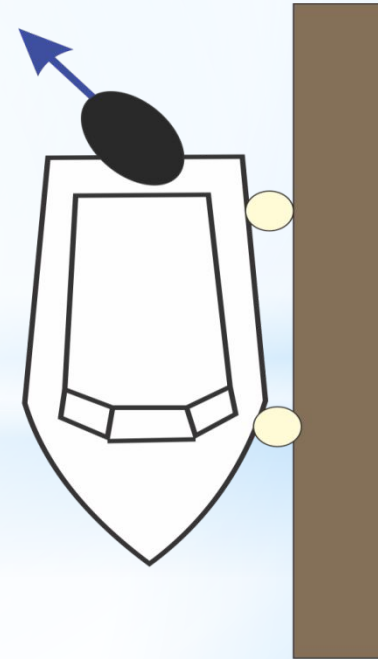
**on water test:**

1. start engine, take safely off the dock
2. steer reverse in a straight line
3. recover a Crew Overboard - use a paddle to recover the fender in the water
4. return safely to the dock

# on water test

## Getting off the dock - Operating in reverse

1. Turn motor to reverse away from the dock
2. Slowly reverse away

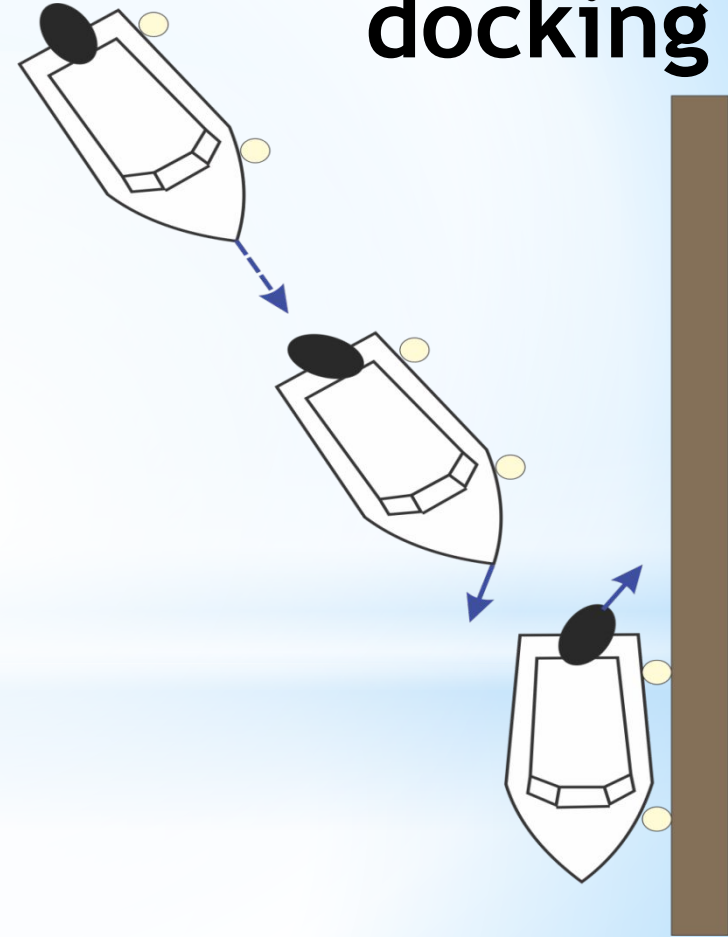





1. Approach slowly with the boat 40 degrees to the dock. Use power/no power to control speed.
2. Use a short forward burst of power to swing the stern to the dock.
3. As needed - Turn motor to reverse toward the dock, then use a short reverse burst of power to swing in the stern



# on water test docking



# Temporary Permit

TORONTO PORT AUTHORITY 60 Harbour St., Toronto, Ont. M5J 1B7			ADMINISTRATION PORTUAIRE DE TORONTO		
Permit #	Issued	Expires	Name: Address:		
Name: Address:			Birth Date	Height	Gender
			<u>Written Test Passed:</u> /      /		
			Examiner:		
Examiner's Signature:			<u>Practical Date Passed:</u> /      /		
			Examiner:		
		Date Passed /      /	Permit #		

1. Complete the written test. 15 out of 20 is a pass.

Fill in your name and address on both sides of the permit application. Print clearly, be sure to put in date of birth and height and gender on the right portion.

2. Complete the on-water test. The instructor will sign the permit when you pass.

You receive the signed left portion as your temporary permit. The right half is sent with the test to the Port Authority. They mail the permanent card to you.

**The temporary permit is valid until the card comes in the mail**