

A large sea turtle, likely a hawksbill, is swimming horizontally across the frame. The turtle's shell is dark with a mottled pattern of lighter spots. Its flippers are extended, showing a distinct pattern of dark and light spots. The background is a clear, blue ocean with a coral reef visible in the lower half of the image. The coral is diverse, with various colors including yellow, orange, and green.

# The Villages Scuba Club

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# Pre-dive Safety Checks

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WARREN GROSS 02 JULY 2025

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# The Pre-dive Safety Check

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- Common mnemonic BWRAF - “BCD, Weights, Releases, Air and Final check”
  - Burger With Relish And Fries,
  - Breathing Water Really Ain’t Fun, and
  - Begin With Review And Friend.
- SEA BAG - “Site survey, Emergency planning, Activity planning, Buoyancy, Air, and Gear and go”.
- ABC - “Air, Buoyancy, and Clips and releases”.
- Whichever way you remember to do a pre-dive check, follow your training, and be systematic and consistent.

# Buoyancy Compensator

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- Verify:
  - BC is secure to the tank.
  - Hoses are properly routed and secured.
  - Low-pressure inflator hose is connected to power inflator.
  - Inflate and deflate buttons work and don't stick.
  - Oral Inflation works.
  - Dump valves work and are clear of straps and hoses.
  - BC holds air.
- Understand buddy's BC inflation/deflation mechanisms.

# Weights

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- Verify:
  - Correctly weighted.
  - Weights in pockets.
  - Weight releases are secure.
- Understand buddy's weight release mechanisms.

# Releases

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- Verify:
  - No equipment is attached to releases.
  - Releases are snug and secure.
  - Weight belt release on correct side.
- Understand your buddy's equipment releases.

# Air

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- Verify:
  - Cylinder is full.
  - Air has no odor or taste.
  - Primary 2nd stage operates correctly- exhale then inhale.
  - Alternate or Octopus 2nd stage operates correctly.
  - Computer is set to correct mix.
  - No leaks are present.
- Review air sharing method with your buddy.

# Final Check

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- Mask and fins readily available for donning.
- Lights, cameras and other accessories secured.
- Just before entering:
  - Mask defogged.
  - Tank is fully open - quarter turn back is unnecessary and potentially dangerous. Watch SPG while taking at least two breaths to make sure it doesn't bounce.
  - Your buddy is good to go.

# Other stuff

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- Listen to the dive briefing.
- Discuss with dive buddy:
  - Dive plan
  - Entry
  - Signals
  - End of dive
  - Exit
  - Air sharing method with

# Comments? Questions?

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*"Safety doesn't happen by accident."*

*— Jerry Smith*