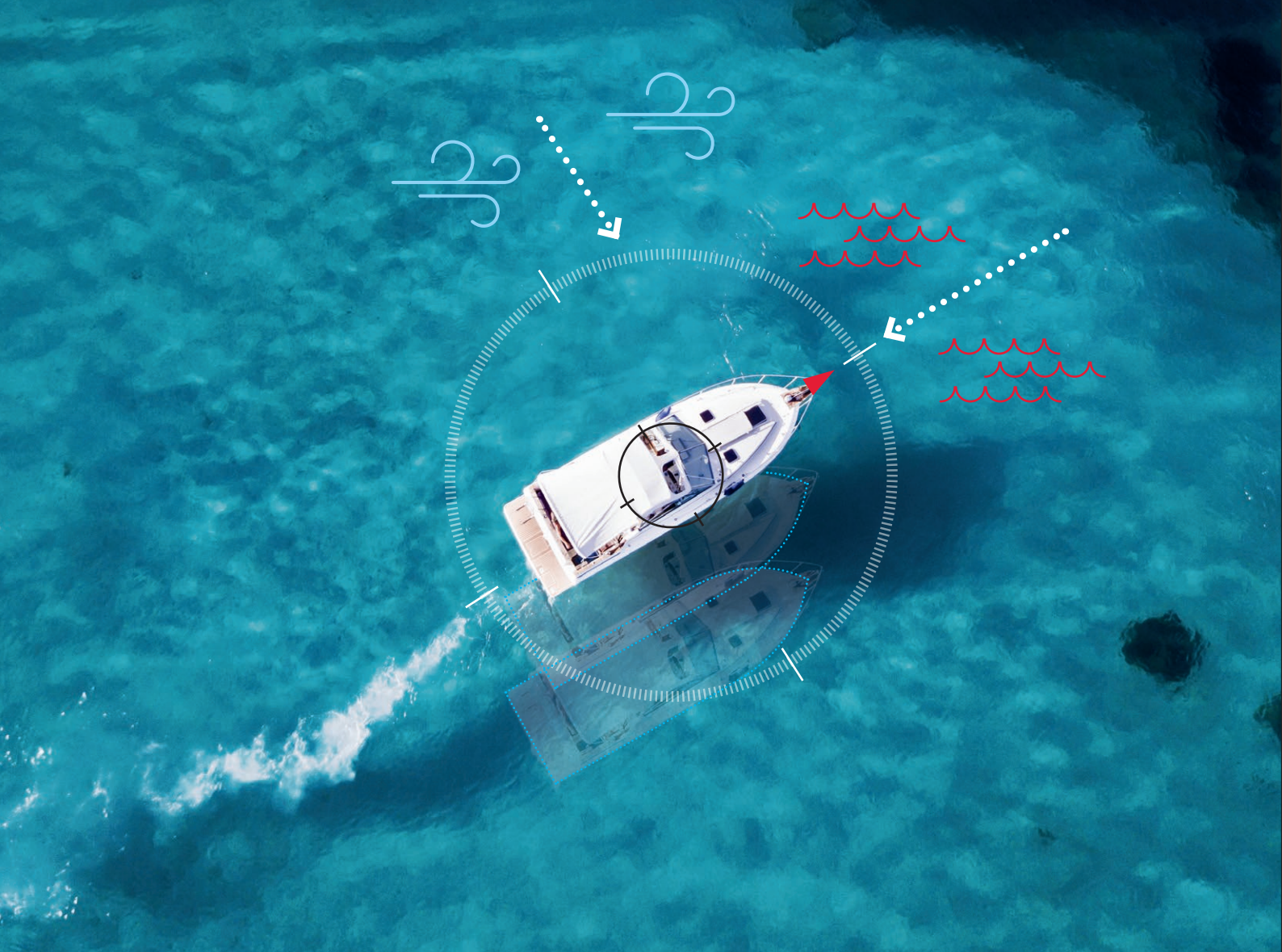




ZF iDrift

Marine Propulsion Systems





It's time to go against the current.

Using ZF iAnchor as the base platform, our new ZF iDrift technology offers you the ability to control drift speed and direction when your vessel is in windy conditions and/or active current – all while maintaining the bow's heading. Depending on the direction and strength of the wind and/or current, you can orient the bow to the desired heading and activate ZF iDrift.

ZF iDrift is the perfect solution to control your vessel's drift speed and heading when you are kite fishing, bottom fishing, or swordfishing.

ZF Marine is giving you unparalleled control when fishing in the current – if you get our drift.

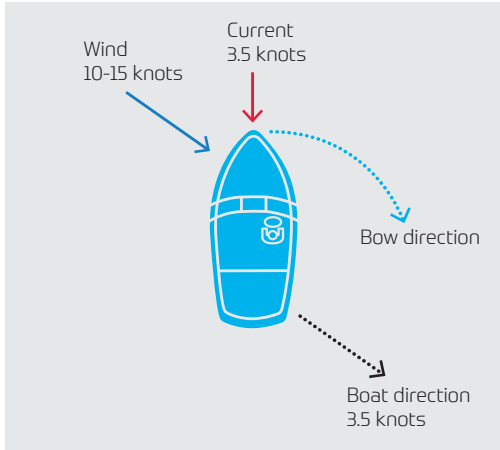


-
- ZF iDrift**
- Automatically holds your compass heading
 - Control your drift speed and direction
 - Integrated with ZF JMS 4.0 and iAnchor platform
-

The resulting drift speeds and directions as shown above are for illustrative purposes only.

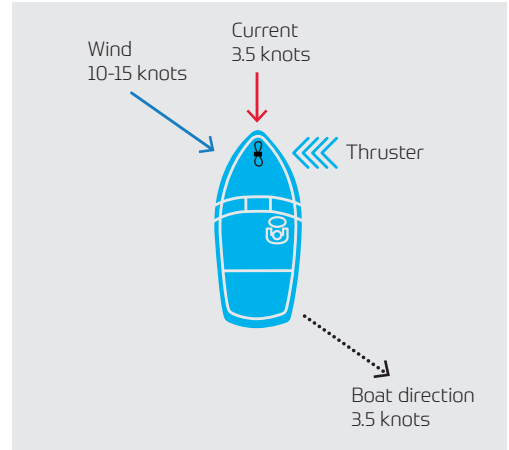
Operation scenarios

Scenario 1:
Without iDrift



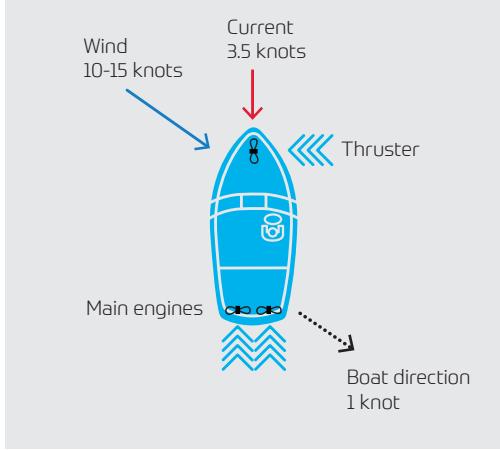
Boat is bow first into the current, which is running at 3.5 knots, and wind is on the port bow at 10-15 knots. The wind will push the bow to the starboard (right) and the boat will drift with the current at 3.5 knots, but it will be pushed to the starboard because of the effect of the wind.

Scenario 2:
iDrift – Free Drift Mode



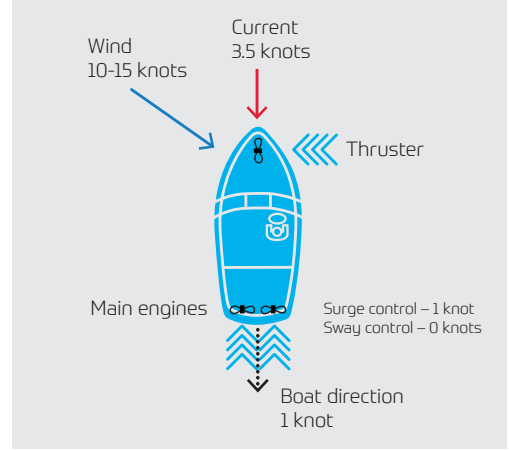
Same as Scenario 1, but now the boat will hold its compass heading from the point when ZF iDrift is turned on. This will prevent the bow from falling off to starboard, but the boat will still drift in the same general direction and speed as in Scenario 1.

Scenario 3:
iDrift - Controlled Drift Mode (Surge)



Keeping Scenario 2, but now the Surge Control is set to 1 knot... this employs the "braking function" of ZF iDrift. The bow still holds its direction on the compass heading, but now the boat slows down to only drift at 1 knot. So now the boat pushes against the current at 2.5 knots. The main engines thrust slightly against the current while the bow thruster holds the bow position.

Scenario 4:
iDrift – Controlled Drift Mode (Surge & Sway)



The Surge Control allows the boat to drift at 1 knot, and now the Sway Control holds the boat – to not let it move to starboard due to the wind. The bow still holds its direction on the compass heading, the main engines are engaged, and the starboard (right) engine works to keep the boat from drifting to starboard – the boat actually drifts straight backwards at 1 knot. **All the functionality of ZF iDrift is fully engaged.**

ZF Padova s.r.l.

Via Penghe, 48
35030 Caselle di Selvazzano (PD)
Italy
Phone +39 049 8299 311
Fax +39 049 8299 550
info.zfmarine@zf.com

ZF Friedrichshafen AG

Marine Propulsion Systems
Ehlersstr. 50
88046 Friedrichshafen
Germany
Phone +49 7541 77-2207
Fax +49 7541 77-4222
info.zfmarine@zf.com

www.zf.com/marine



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