



NAVpilot-300 FishHunter™ Drive

➤ Orbit, Spiral, Zigzag, Figure-eight shape around the target maneuvered by FURUNO autopilot NAVpilot-300 & NAVpilot-711C

Orbit

The display shows a circular dotted line representing the orbit around a target (blue dot). The own ship is indicated by a black arrow. The turn radius is 0.05 NM. The heading is 323° and the set course is 330°. The pitch is 10° and the course over ground is 77°.

Radius (set on menu)

Spiral

The display shows a spiral dotted line around a target (blue dot). The own ship is indicated by a black arrow. The turn radius is 0.05 NM. The heading is 323° and the set course is 330°. The speed is 3 kn. The pitch is 10° and the course over ground is 77°.

Speed at which spiral center-point moves

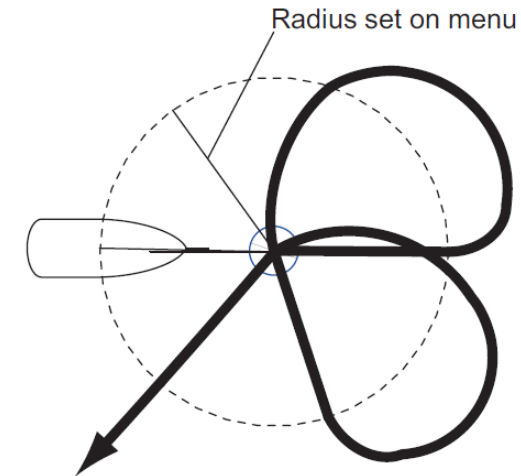
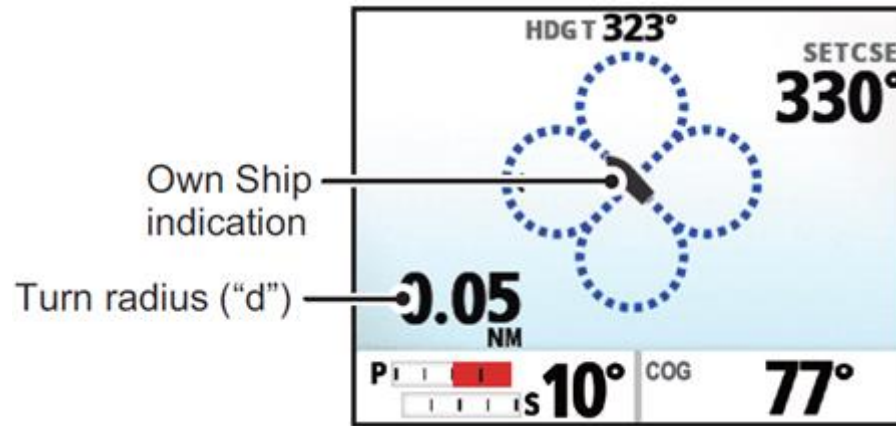
Radius (set on menu)

Distance between spiral centers (D)

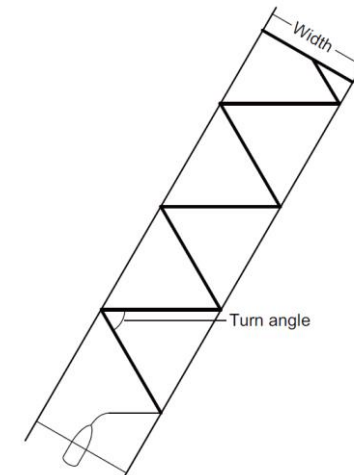
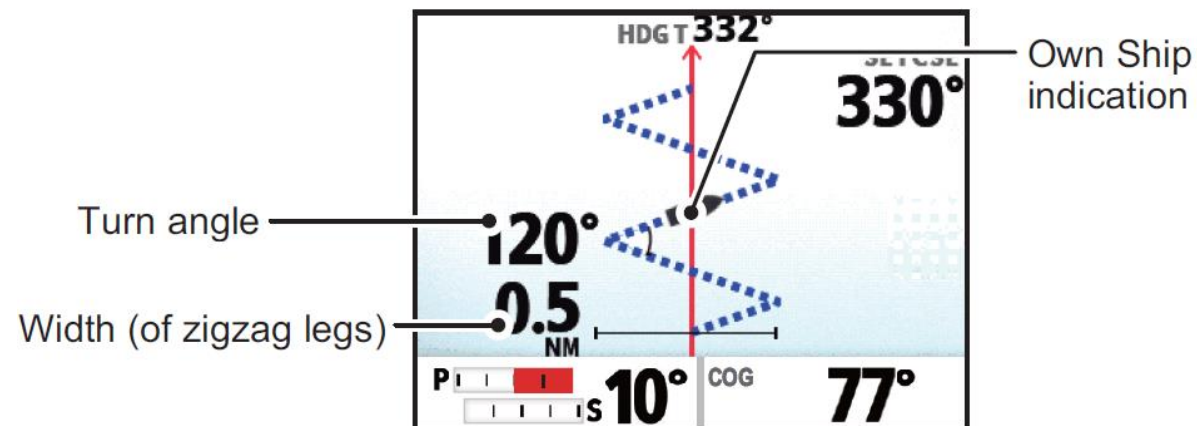
$$D \text{ (NM)} = \frac{6.28 \times \text{Spiral Radius}}{\text{Spiral Speed}}$$

- **Orbit, Spiral, Zigzag, Figure-eight shape** around the target maneuvered by FURUNO autopilot NAVpilot-300 & NAVpilot-711C

Figure-eight



Zigzag



➤ FishHunter™ Drive

offers unique boat control features utilizing select SUZUKI outboard models driven by the FURUNO NAVpilot-300 autopilot, for precision navigation of routes and advanced fishing

Item	Requirement	
Engine	Suzuki Outboards (1 to 4 max.)	DF115BG / DF140BG, DF150AP / DF175AP, DF200AP DF250AP / DF300AP, DF300B / DF325A / DF350A, (SUZUKI PRECISION CONTROL)
Autopilot	Furuno NavPilot-300	
Display Device	NavNet TZtouch3 series – TZT9F/12F/16F/19F NavNet TZtouch2 series – TZTL12F/15F & TZT2BB GP-1871F/1971F SMD series – SMD7/9 & SMD12/16	
Navigation Data	Heading, position and vessel speed sensors for autopilot control (SCX-20 Satellite Compass recommended)	

➤ Advanced all-new features

Function	Overview
Speed Control	The boat will run at a preset speed by automatically adjusting the engine RPM to account wind and tide current
Route Smoothing™ (course retention)	Speed will be reduced to smoothly turn at a waypoint when navigating on an active route
Auto Stop on Arrival	The boat will stop and remain fixed around the final destination on arrival
Point Lock™ (position holding)	The boat will remain fixed around a specific spot, constantly countering the effects of wind and tide current
SABIKI Lock™ (heading holding)	Expands upon conventional SABIKI functionality by controlling both the rudder and throttle to maintain the direction



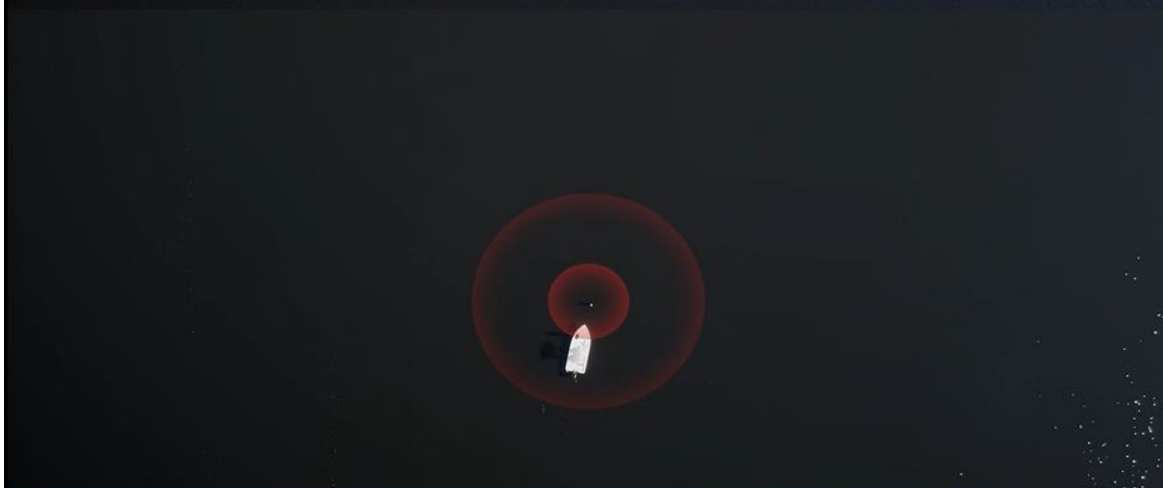
ROUTE SMOOTHING™

(Mentioned as Route Retention)



SABIKI LOCK™

(Mentioned as Auto-Sabiki Mode)



POINT LOCK™

(Mentioned as No Drift Mode)



SPEED CONTROL™

(Pairs with Route Smoothing)

- **Boat speed is controlled to run at a preset speed by automatically adjusting the engine RPM** (much like “cruise control” on an automobile)

☐ **Troll for fishing at a stabilized speed**

You may adjust engine RPM to low values for trolling and the throttle needs to be shifted up and down while the boat speed varies due to wind and tidal current. With the **Speed Control** function, engine RPM will be automatically adjusted to maintain the preset speed.

☐ **Steer at a consistent speed on a navigation route**

There are some cases where the boat speed can be faster due to wind and tidal current. With a speed limitation regulated on a navigation route, you need to avoid unintentional speed violations. The **Speed Control** function will help the boat run at the preset speed.

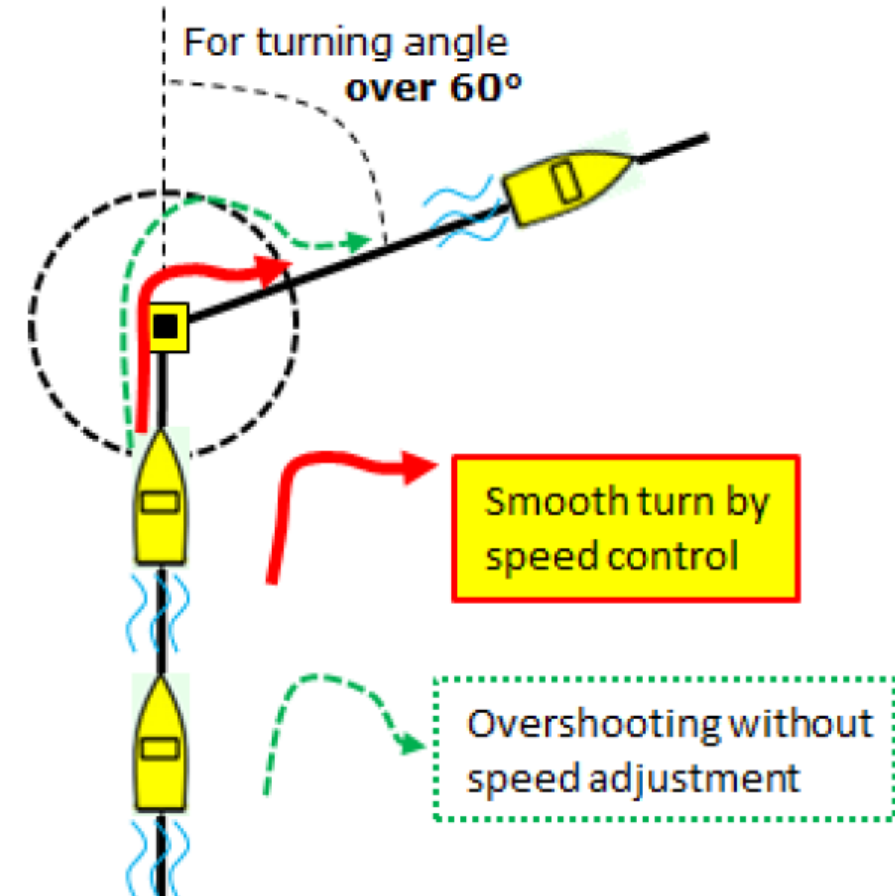
☐ **Elaborate the ETA of navigation**

When navigating to a point, ETA can vary if the boat speed is unstable because of wind direction and tidal current changes. With the **Speed Control** function, the accuracy of ETA will be improved because the boat runs at a consistent speed.



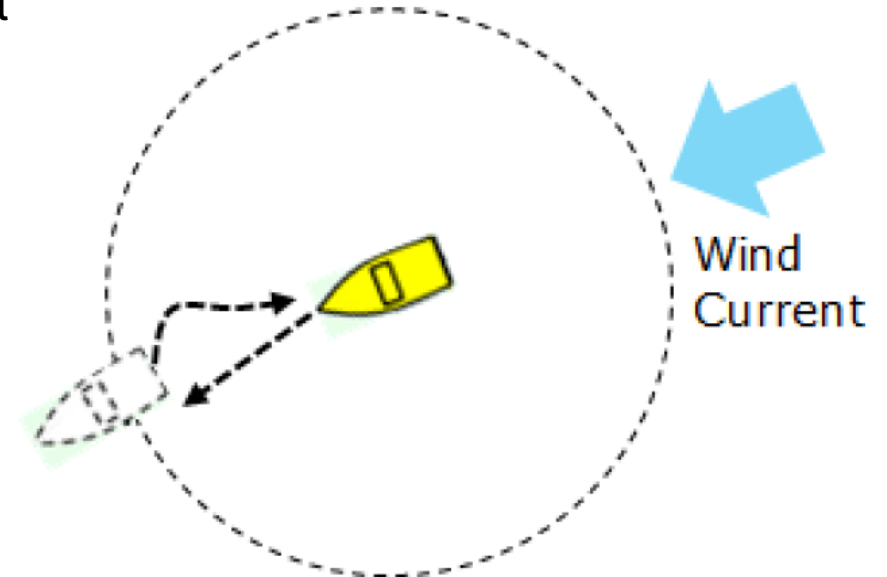
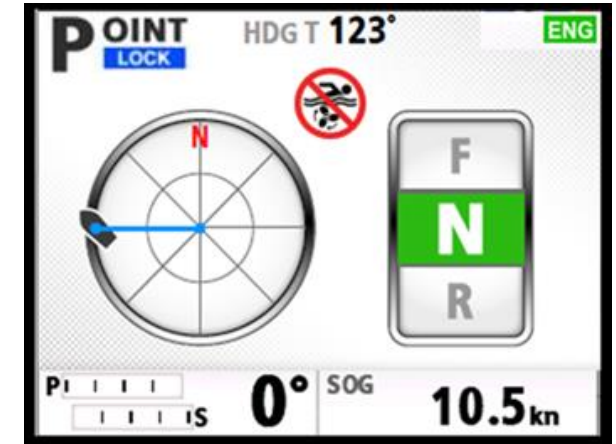
- Speed will be reduced to smoothly turn at a waypoint when navigating on an active route

- ❑ When navigating on an active route with multiple waypoints, there are some cases where the boat deviates too much from a waypoint or route leg.
With the **Route Smoothing™** function, boat speed will be automatically optimized to smoothly turn at a waypoint, without overshooting and safely



- The boat will remain fixed around a specific spot, constantly countering the effects of wind and tide

- ❑ You may want to remain fixed around a specific location to keep casting a lure to a structure such as a pier. However it's difficult to focus on fishing because the boat will drift away unless you consistently steer the helm and adjust the throttle. The **Point Lock™** function will help the boat to remain fixed around a specific spot by automatically controlling the engine angle and shift.

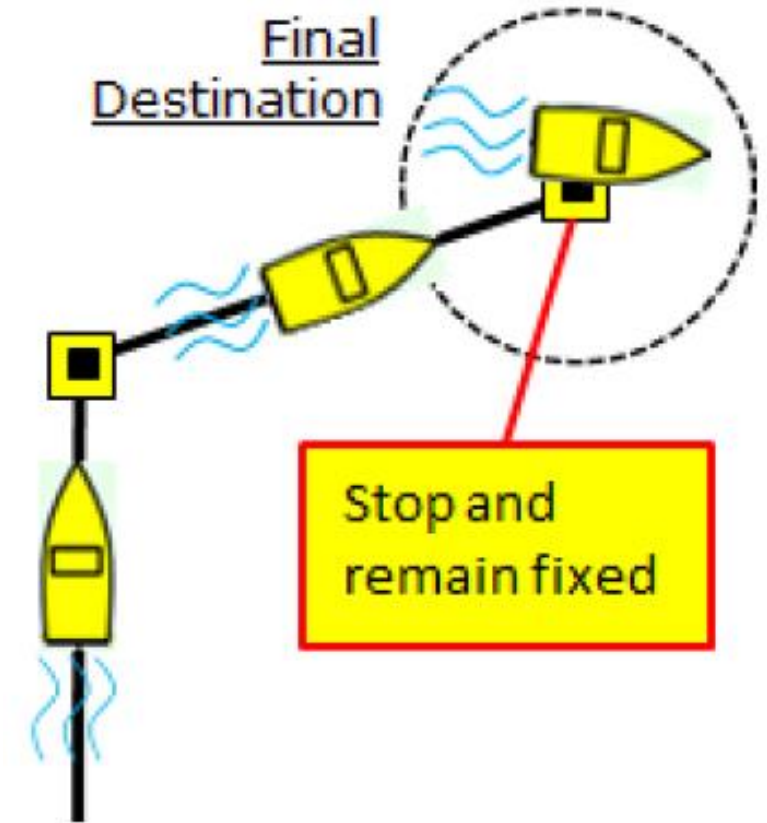


- The boat will stop and remain fixed around the final destination on arrival

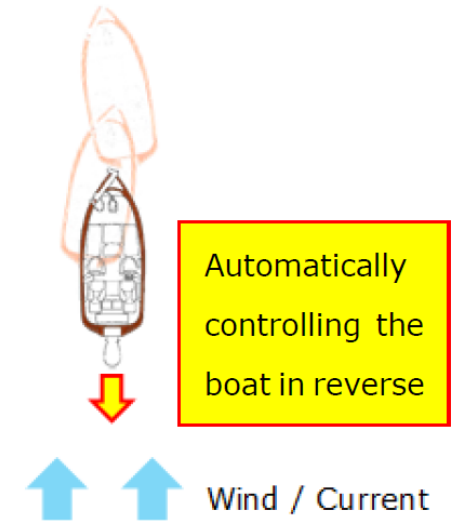
- ❑ When arriving at the final destination of a route, you had two option:
 - 1- Go straight
 - 2- Keep running around the point

With the **Auto Stop** function, the boat can automatically stop at the final destination.

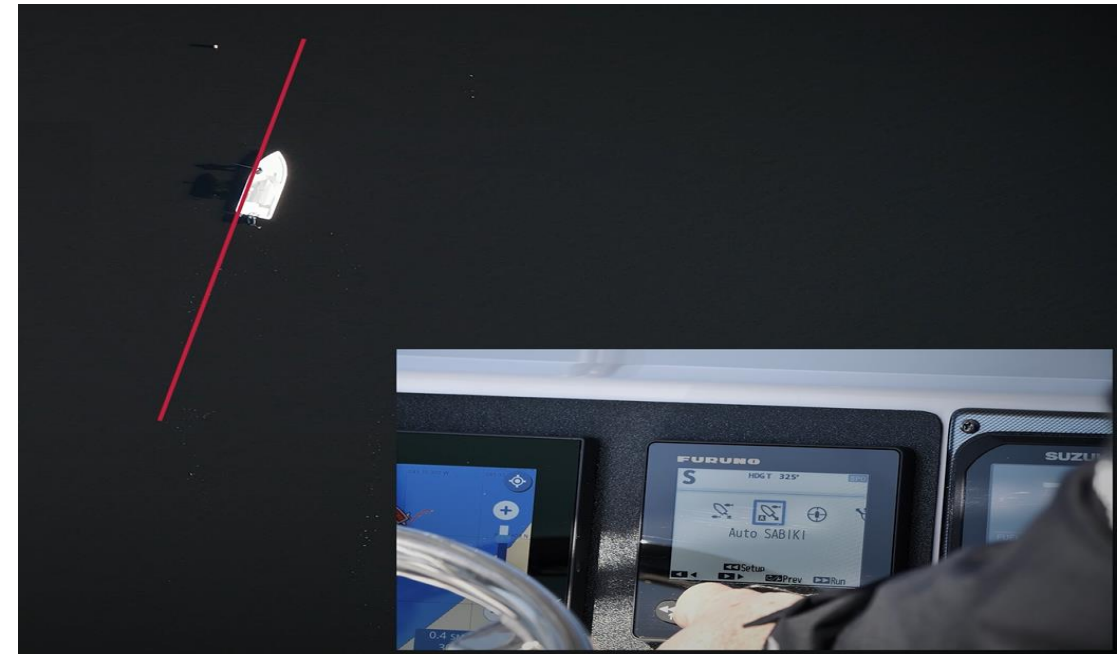
In addition, with **Point Lock™**, the boat can remain fixed around the final destination



- ❑ When dropping a jig or weight with hooks vertically for fish at the middle to bottom layer, it's easier by slowly reversing the boat towards the wind and current. By manual maneuvering you need to control the helm and throttle frequently.



- With **conventional SABIKI™ mode** the helm was steered automatically but you needed to adjust the throttle manually
- With **new SABIKI Lock™ mode** also the throttle will be adjusted automatically to keep your heading, freeing you to focus 100% on fishing

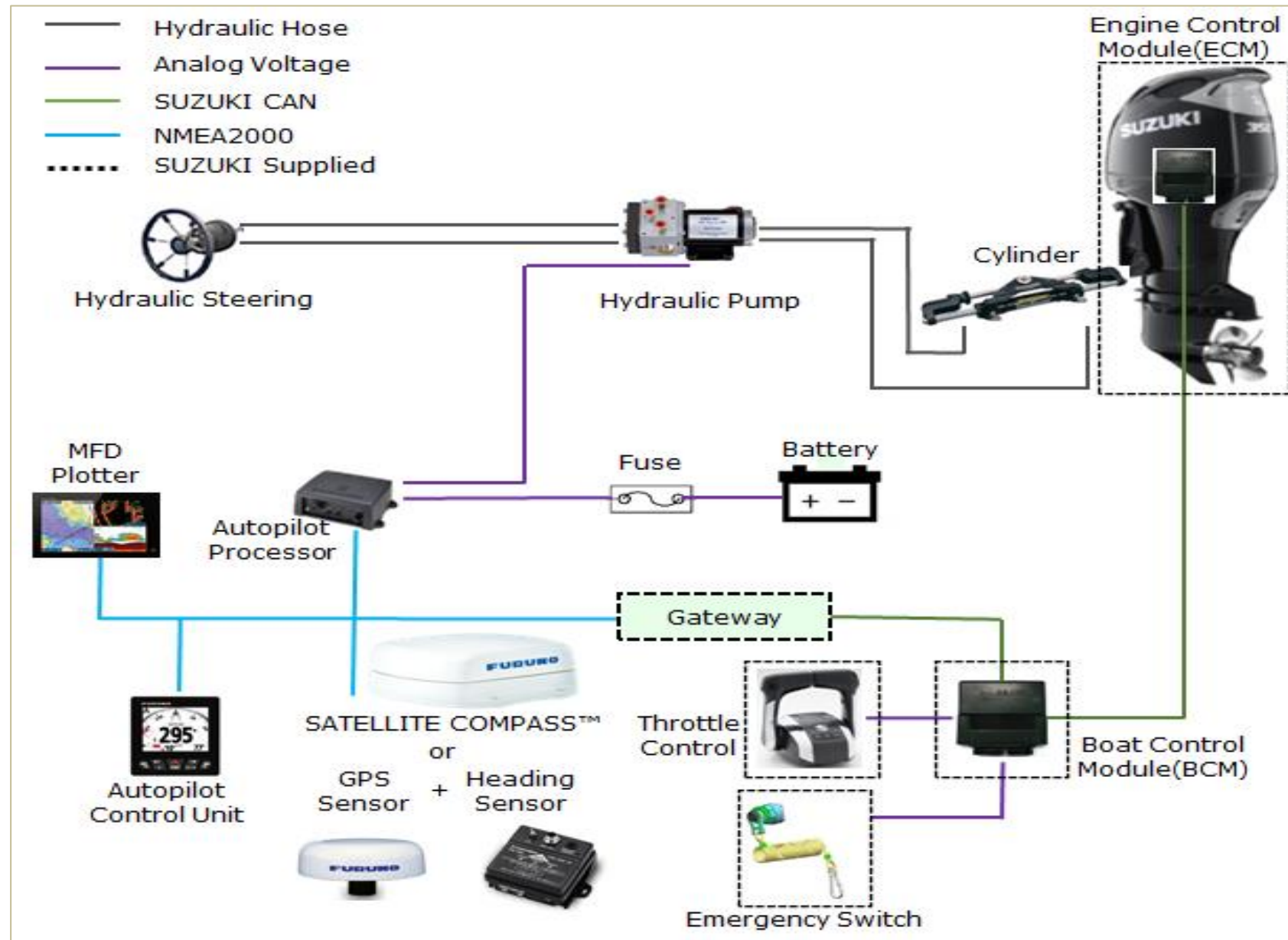


Display Device	Model
Multi Function Display	NavNet TZtouch3 series – TZT9F/12F/16F/19F v3.01
Multi Function Display	NavNet TZtouch2 series – TZTL12F/15F/TZT2BB v8.01
GPS Plotter w/Fish Finder	GP-1871F/1971F v4.0
GPS Plotter w/Fish Finder	SMD7/9 v4.0
Multi Function Display	SMD12/16 v6.17 (Releasing date is not fixed yet)

Function	GP-1871F GP-1971F SMD7/9	TZTL12F TZTL15F SMD12/16	TZT2BB	TZT9F/12F/16F/19F
Point Lock Display	x	x	x	x
SABIKI Lock Display	x	x	x	x
SABIKI Lock Adjustment	N/A	x	x	x
Route Output for 3 WPTs	x	x	x	x

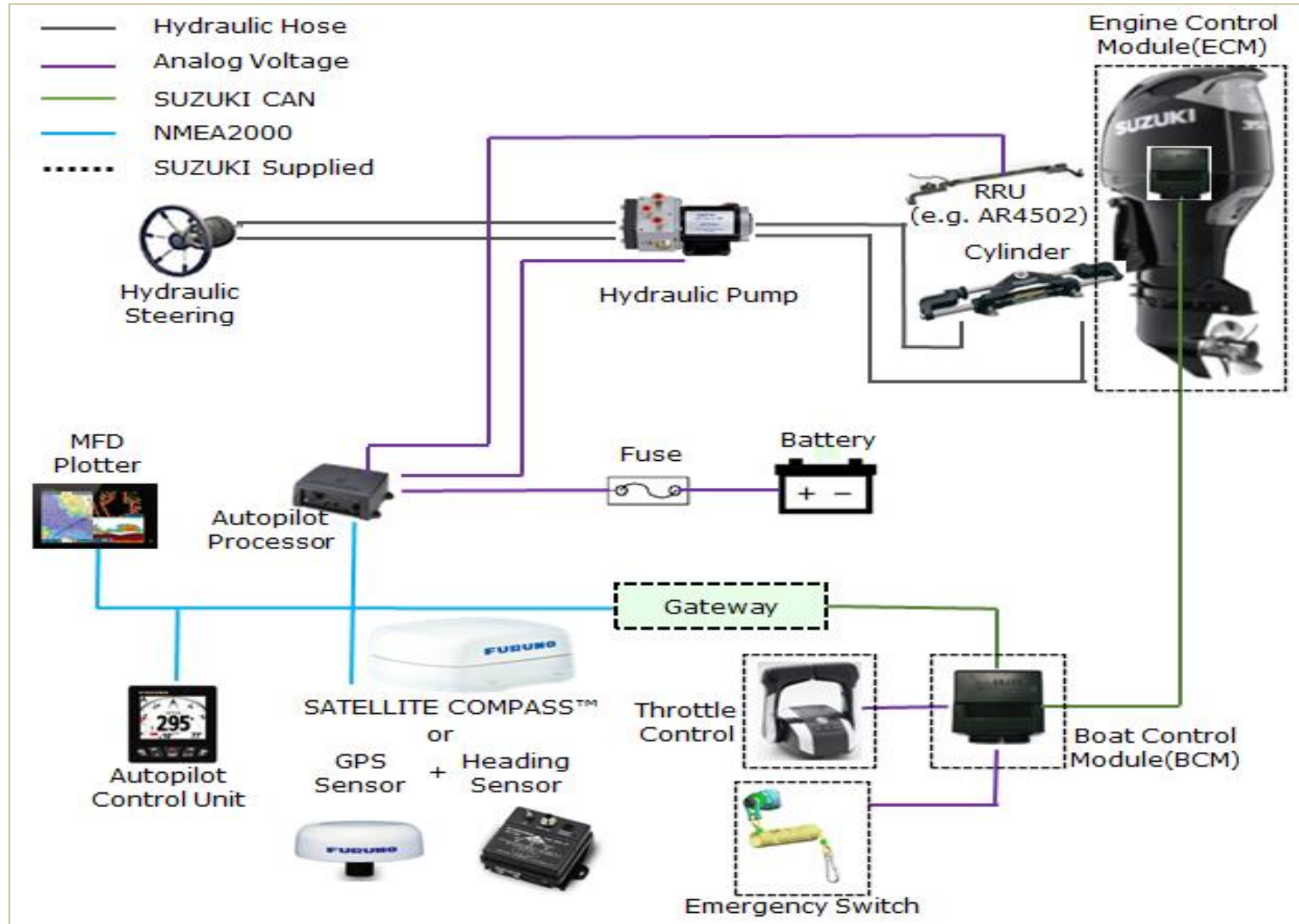
Reversing Pump Control (without Rudder Reference Unit)

FURUNO



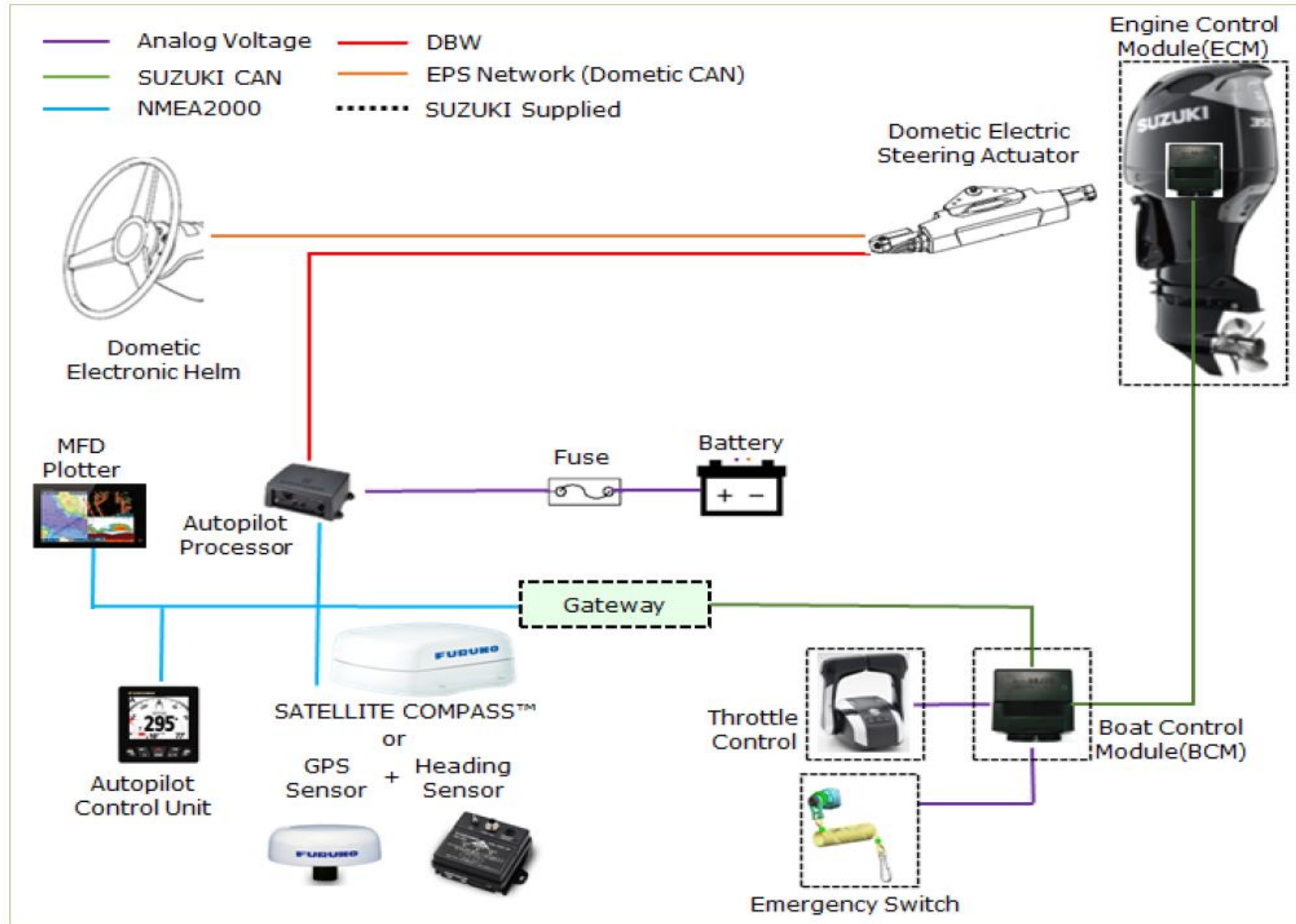
Reversing Pump Control (with Rudder Reference Unit)

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EVCS Electronic Vessel Control Systems (Dometic Optimus)

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Thank you for you attention!

