

SMARTCRAFT WAYPOINT TRACKING APPROVED CHARTPLOTTERS - APRIL 14, 2009

CHARTPLOTTER MANUFACTURER	CHARTPLOTTER MODEL NUMBER	CHARTPLOTTER SOFTWARE REQUIRED	SMARTCRAFT SOFTWARE VERSION	REQUIRED SETUP
FARIA - MAPTECH	Sea Ray Navigator 4 (10"), (15")	3.5.3	Joystick 4.0pC with VesselView 3.15.0.71	Arrival Alarm: 600 ft NMEA Sentences Turned ON: RMB, RMC, BWC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
GARMIN	400 series: 420, 430, 440 (4") 500 series: 520, 525, 530, 535, 540, 545 (5")	4.2	Joystick 4.0pC with VesselView 3.15.0.71	Turn off the XTE sentence. Turn on the waypoint arrival alarm in addition to the end of route alarm. Arrival Alarm: 0.1nm GPS Speed Filter: Default NMEA Sentences Turned ON: RMB, RMC, BWC for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
	4000 Series: 4008, 4208 (8.4"), 4010, 4210 (10.4"), 4012, 4212 (12.1") 5000 Series: 5008, 5208 (8.4"), 5012, 5212 (12.1"), 5015, 5215 (15")	4.3	Joystick 4.0pC with VesselView 3.15.0.71	Same setup as 400 / 500 series.
NORTHSTAR - NAVICO	Northstar M84 (8.4"), Northstar M121 (12")	2.3.12	Joystick 4.0pC with VesselView 3.15.0.71	Chartplotter must have "Zeus/Axius Compatibility Mode" turned ON. Arrival Alarm: 0.1nm GPS Speed Filter: 5 Course Filter: 4. NMEA Sentences Turned ON: RMB, RMC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
	Northstar 6100i (6.4"), (8"), (10"), (12"), (15")	7.62	Joystick 4.0pC with VesselView 3.15.0.71	Arrival Alarm: 0.1nm GPS Speed Filter: Default NMEA Sentences Turned ON: RMB, RMC, BWC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
	Northstar 8000i (10"), (15")	4.6.104	Joystick 4.0pC with VesselView 3.15.0.71	At End of Route: Stop Navigating Arrival Alarm: 0.1nm GPS Speed Filter: 5 NMEA Sentences Turned ON: RMB, RMC, BWC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
SIMRAD - NAVICO	Simrad NX40 (8.4"), Simrad NX45 (12.1")	2.3.12	Joystick 4.0pC with VesselView 3.15.0.71	Chartplotter must have "Zeus/Axius Compatibility Mode" turned ON. Arrival Alarm: 0.1nm GPS Speed Filter: 5 Course Filter: 4. NMEA Sentences Turned ON: RMB, RMC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
RAYMARINE	C-Series C70 (7"), C80 (8"), C120 (12")	4.29	Joystick 4.0pC with VesselView 3.15.0.71	Same setup as E-Series.
	E-Series E80 (8"), E120 (12")	4.29	Joystick 4.0pC with VesselView 3.15.0.71	Arrival Alarm: 0.1nm GPS Filter: Medium NMEA Sentences Turned ON: RMB, RMC, BWC, BWR for navigation, DBT (depth) and MTW (water temp) if applicable - All other messages must be turned off.
	G Series - GPM 400 G120 (12"), G150 (15"), G170 (17"), G190 (19")	1.35	Joystick 4.0pC with VesselView 3.15.0.71	Same setup as E-Series.

ADDITIONAL NOTES

- The chartplotter must be setup as shown in the "Required Setup" column in order for waypoint tracking to perform correctly.
- The chartplotter must have the version of software shown in the "Chartplotter Software Required" column for waypoint tracking to perform correctly.
- Waypoint Tracking and Sequencing are intended for use in open water away from other objects. The distance between waypoints in a route should be greater than 1nm.
- The VesselView NMEA 0183 input must be connected to a single primary chartplotter and only to the VesselView designated as VesselView ID 1 at that helm.
- Raymarine E85001 multiplexers can not have NMEA OUT connected directly to VesselView NMEA IN.
- The waypoint arrival alarm on the Raymarine display unit must always be acknowledged. It also needs to be acknowledged prior to acknowledging the precision pilot pad in waypoint tracking mode.