



MM3D vs TZ MAPS – DIFFERENCES

If you use TIMEZERO Marine Navigation Software (TZ Navigator or TZ Professional), you have probably seen two names mentioned when it comes to Charts – TZ Charts (MM3D) and TZ MAPS.

Both MM3D and TZ MAPS will give you the charts you need for your navigation, but they work in different ways. This guide explains what each one is, the differences and how you can get the best value for your money.

WHAT IS MM3D?

Simply put MM3D is the old chart format of TIMEZERO, which operates in the classic way of buying marine charts.

Think of it like this:

- You buy a chart for an area (your region)
- You choose a format (Raster or Vector)
- You now have that chart, in that area or format

HOW MM3D WORKS

As mentioned above, there are two types of charts available in MM3D – Raster and Vector:

- Raster Charts = digital, scanned versions of traditional paper charts.
- Vector Charts = modern interactive charts that allow you to click objects like buoys, marinas, lights etc to access more data and relevant information.

If you want the same region in both of these formats, you typically need to buy twice. Additionally, when updates are released, you need to purchase the latest version of the same chart (albeit at a discounted rate).

WHEN IS MM3D YOUR BEST OPTION?

Whilst MM3D charts are still available to purchase on TIMEZERO they are the old chart format and thus, we recommend only purchasing MM3D charts when you do not have the option to purchase TZ MAPS. This will be the case for users who have an old version of TIMEZERO, or an older version of TZ hardware, for which TZ MAPS is not compatible.

WHAT IS TZ MAPS?

TZ MAPS is an upgrade of TIMEZERO's chart offering. Instead of purchasing one chart for your area, you will receive an all-in-one chart package.

This means that TZ MAPS will give you access to all of the available charts and formats for your region, regular complimentary updates and a whole range of exclusive features.

A TZ MAPS area will typically include all of the following:

- Vector Charts
- Raster Charts (available in most areas)
- Detailed Land Data
- High-Resolution Satellite Imagery (where available)
- High-Resolution Bathymetric Charts / BathyVision (though resolution can vary depending on the area)

Simply put that means more layers, more detail and more tools.

COMPARISON

TZ MAPS includes continuous chart updates for 12 months, so your chart data stays up to date throughout the year.

Alternatively, MM3D updates are usually managed on a 'renew when you want' basis with the length of availability varying between chart formats.

With TZ MAPS you typically get multiple chart formats, extra chart layers and advanced features for one, single area. Whereas with MM3D, you only get one chart.

In addition to all the amazing features when you purchase a TZ MAPS area for your TIMEZERO PC Software or NavNet device, you can use it for free on your iPhone / iPad with TZ iBoat.

TZ MAPS FEATURES

Alongside the additional charts, TZ MAPS users also unlock some exclusive user-requested tools. These include:-

- **BathyVision:** bathymetric charts that show clearer bottom structure and configurable contours. These are especially useful for fishing and understanding what is beneath you in greater detail.
- **Dynamic Lights:** surrounding light sectors displayed based on your boat's position, for better situational awareness.
- **Dynamic Moorings:** a feature that helps you identify the best locations to anchor, based on weather conditions.
- **Community Maps:** access to crowd-sourced local knowledge to better understand your area.
- **Smart Search:** faster searching with a browser-like feature that quickly helps you locate destinations, as well as objects like buoys and tide stations.
- **Smart Zones:** customizable alarms that notify you when you enter / leave defined zones (restricted areas, hazards, etc).
- **Route Assist:** a faster method of creating a route. Select two-way-points and let TIMEZERO do the rest.



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TZ CHARTS (MM3D) vs TZ MAPS OVERVIEW

FEATURE	MM3D	TZ MAPS
Chart Formats	Raster or Vector	Vector and Raster*
Detailed Land Info	-N-	-Y-
Satellite Imagery*	Some Areas	Some Areas
Bathymetry / BathyVision**	-N-	-Y-
Continuous Updates (12 Months)	-N-	-Y-
Advanced Tools (Route Assist, Smart Search, Smart Zones, Dynamic Lights, Dynamic Moorings, Community Maps)	-N-	-Y-
Same Charts in your TZ iBoat App	-N-	-Y-

* Raster charts and satellite imagery are not available in all areas

** BathyVision coverage / resolution varies by area – some regions combine high and low resolution data

TZ MAPS



TZ CHARTS

