SD Cards for the x10/x20's Rand McNally TND's

To enjoy the newer maps you will be required add an SD (Secure Digital) Micro SD Card.

All SD Cards are not created equal. With the cost of Memory so low you will be tempted to get the "most bang for your buck" when buying a Micro SD Card.

Unfortunately, more is not better in this case. The x10's and the x20's TND's will accept the Micro SD Cards classified as High Capacity, Ultra, Or Ultra Plus. Physically they are the same, but internal software/hardware wise they are not.

The HC (High Capacity over 16GB), Ultra (any size), and Ultra Plus (any size) write data differently to the Micro SD Card than a "basic" Micro SD Card.

What this means is that although the data "seems" to transfer okay you will have slowdowns, unable to route, etc.

What happens is when the data is transferred to the Micro SD Card from the TND the Data is written in a different file structure than the TND will read. You will see file errors on some of the DCA's (Database Coverage Areas) which when the TND tries to access those DCA's for routing it cannot or if it can the file structure is not 100% correct and you will see errors as mentioned above. The Dock will not correct those file errors as it is the Micro SD Card internal file structure in how it reads/writes data to the Micro SD Card.

Micro SD Cards come in classes also. (See Below)

Class	Minimum Speed
2	2MB/s
4	4MB/s
6	6MB/s
8	8MB/s
10	10MB/s

This is an SD High Capacity Micro SD Card. Note the "HC" under the SD on the left (middle).

This is an SD High Capacity Ultra SD Card. Note the "U" under the speed class. (Do not worry about the GB size in the picture)

What you will have to "shy" away from when selecting a Micro SD Card:

MicroSDXC

MicroSDHC

The Class (speed) has a "U" under it.

What should work:

https://www.sdcard.org/developers/overview/speed_class/