

## Minimum Requirements

### 1. Scope:

MARITIME EXPEDITIONARY SECURITY GROUP TWO (MESG-2) requires the purchase of navigation SD-cards to update electronic chart systems of FURUNO radars VX2 and NN3D systems on MESG-2 patrol boats.

### 2. Requirements:

Current SD-cards are over two years old and outdated for navigation standards set forth in CORIVFOR Inst 3530.1. Chart corrections left ignored would create a hazardous situation for MESG-2 patrol boats. MESG-2 requires the SD-cards to remain in compliance with CORIVFOR Inst 3530.1 and compatible with FURUNO radar VX2 and FURUNO radar NN3D systems. All charts will be of Fall 2021 season. In order to ensure critical chart data/**chart plotter** updates to the navigation systems, the following quantities for FURUNO systems Navigation SD-cards are needed:

Item	Part #	Item Description	QTY
<b>FALL (NOW) 2021 Season NN3D Systems</b>			
		<b>NEW UNLOCK Initial purchase:</b>	
1	NA-M033	(New Unlock) NavNet 3D System chart: Atlantic Coast, Gulf of Mexico and Caribbean (Fall NOW)	30
2	ME-M204	(New Unlock) NavNet 3D System chart: Red Sea to the Gulf and Seychelles (Fall NOW)	18
		<b>CARD UPDATE; ECU MM3D Update:</b>	
3	ME-M024	(Fall Update) NAVNET 3D System chart: Red Sea to Gulf and Seychelles	12
<b>FALL (NOW) 2021 Season VX2 Systems</b>			
		<b>NEW UNLOCK Initial purchase:</b>	
4	NA-M033	(New Unlock)VX2 System chart:Atlantic Coast, Gulf of Mexico and Caribbean	37
		<b>CARD UPDATES; ECU MAX Updates:</b>	
5	<b>NA-M033</b>	(Fall Update) Vx2 System chart: Atlantic Coast, Gulf of Mexico and Caribbean	6
6	ME-M024	(Fall Update) Vx2 System chart: Red Sea to Gulf and Seychelles	43
7		2-Day Shipping	1

**\*Refer to the attached PDF for information on the VX2 system ID and the NAVNET system ID.**

### 3. Required Delivery Date:

2 days ARO.

### 4. Physical Location & Delivery Address for Supplies:

MESG-2

2465 Guadalcanal Road Suite-14

Virginia Beach, VA 23459-9207

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