

EMCON Level

Standard TN to detect a ship when they have entered Extended Range:

TN 15*

Modifiers based on EMCON:

Detecting Ship	Radiating Ship		
	EMCON 1	EMCON 2	EMCON 3
EMCON 1	+15	+0	-5
EMCON 2	+10**	-5	-10
EMCON 3	+5	-5	-10

EMCON 1 Running Silent

EMCON 2 Periodic Sensor Scans (SOP for ships Under Weigh)

EMCON 3 Full Active Sensors (SOP for ships on Survey and Scientific Missions)

Under EMCON 1, basic systems are left operational - Life support, navigational deflectors, and passive sensors. All of the following systems must be shut down: communications, active sensors, warp drives, weapon systems, and even internal lights.

Under EMCON 2, ships primarily run on long-range navigational sensors and a full array of passive sensor systems. Depending on the mission, the captain may order a full sensor sweep - including active sensors - in periodic intervals.

Under EMCON 3, the ship's sensors are continuously active.

*This TN rating comes from the Starfleet Operations Manual page 6, it conflicts with the Narrator's Guide, which states a TN 10 to detect within Extended Range pg. 111; but can be assumed to be correct based on the -5 TN modifier whenever active sensors are used.

Sources for some of the modifiers (colors match pertaining modifier):

- A ship Running Silent has a +15 TN modifier (Narrator's Guide page 103)
- A ship running on Survey or Scientific Missions with all sensors active is easier to detect; so it has a -10 TN (SOM page 6)
- A ship using active sensors reduces the detection TN by 5

** This number includes the -5 modifier for using active sensors. Net result is still a 25 TN (as it would be if you took the TN 10 and +15 modifier per the Narrator's Guide)