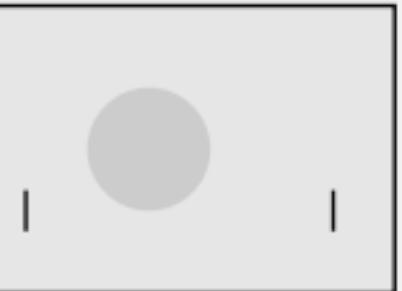


Marine Radar (Night, Rain, Fog)



Detects echoes through rain
Long range, clutter resistant

Cameras (Clear Daylight)



Strong contrast in daylight only
Fails when visibility drops

LiDAR (Clear Line-of-Sight)



High detail but weather sensitive
Occlusions break coverage

Sensing modalities for maritime object detection