



**1** Wireless communication

Enbridge has invested in a 24/7 marine monitoring and alert system, which identifies vessels entering the Straits and sends a safety message, notifying the crew of the “no anchor” zone.



**2** Radio communication

ESMOC contacts larger shipping vessels by radio, to confirm their anchor is stowed.



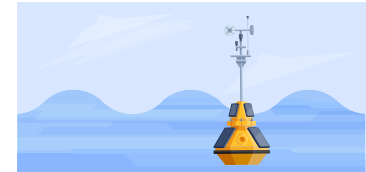
**3** Radar

High-resolution radar scanners for target detection and tracking, providing the ESMOC with enhanced situational awareness under all maritime conditions. Added ice detection and wave monitoring systems provide real-time data for the local operational area.



**4** High-definition video feeds

The ESMOC team monitors video feeds from a series of multiple high-definition cameras installed at strategic locations throughout the Straits.



**5** Weather monitoring tools

Weather monitoring tools continually transmit wind speed and wave height data to the ESMOC. When waves reach 8 ft or greater for a sustained period, Enbridge voluntarily idles the Line 5 Straits crossing.