

Advanced Position Reference System

Kongsberg Seatex has developed a new advanced position reference system for use in various applications, including vessel-to-vessel and vessel-to-FPSO applications, specifically in the offshore sector. RADius is a short distance reference system designed to fill the needs specified by the IMO for DP class 2 vessels. RADius has been developed based on solid-state technology and features no moving parts. The system consists of transponders installed as targets (platform/FPSO) and interrogators on, for example, the supply vessel. The system is capable of providing accurate readings, optimised for a signal range of 500m and below. Close-quarter operations such as alongside loading and unloading (with distances of >3m) benefit from highly accurate readings and fast propulsion response.

<https://www.hydro-international.com/content/news/advanced-position-reference-system>
