



APPLICATIONS

- Suitable for all commercial market segments especially Crew Boats, Pilot Boats, SAR, Windfarm, MIL-Patrol, Fireboats, Fishing Boats.
- Twin installations.
- Up to 3 Stations.

FEATURES

Selecting 'Virtual Anchor' mode allows the control system to set a single GPS point swing mooring for hands free standby operations keeping the vessel in a comfortable position to the prevailing sea conditions.

The 'Station Keeping' mode gives the operator the ability to automatically hold vessel position and heading more accurately than is possible using manual control.

The AVX 'Precision Manoeuvring' mode allows the operator to accurately manoeuvre the vessel in confined or busy port.

MODES:

AVX JETAnchor provides a range of new capabilities with three automatic operational modes: 'station keeping' 'virtual anchor' and 'precision manoeuvring' modes.

The AVX JETAnchor positioning system will allow marine operators the ability to use the new automatic modes for many operational requirements.

OPERATIONAL BENEFITS:

- More accurate station keeping than can be done manually.
- Significant reduction in operator workload.
- Reduction of crew fatigue & noise level during standby operations.
- Reduction of operational crew numbers.
- Accurate GPS positioning for survey work, ROV deployments and standby work.
- Reduction in fuel consumption and cost.
- Improvement in operational safety.
- NEW - AVX Precision Manoeuvring.

FUNCTIONALITY



AVX Station Keeping Mode

Engaging 'Station Keeping' mode will hold the vessel's GPS position and heading. The operator may adjust the heading or position of the vessel by moving the mouseboat while in this mode. This will allow the vessel to be repositioned to a new heading or position without disengaging 'Station Keeping' mode.



AVX Virtual Anchor Mode

Engaging 'Virtual Anchor' mode will allow the vessel to automatically weather vane about a GPS position under prevailing wind and sea conditions. This provides vessel positioning with comfortable vessel motion at low engine rpm and minimum fuel usage.



AVX Precision Manoeuvring

Engaging the 'Station Keeping' mode also allows the operator to manoeuvre the vessel with a very high degree of accuracy. The AVX JETAnchor 'Precision Manoeuvring' mode is a new feature to the JETAnchor system and provides a safer, more precise manoeuvre in a busy port and around other vessels.



AVX Hold Mode

Engaging 'Hold' while in manoeuvring mode holds the current thrust settings for steering and thrust, and allows the operator to have hands-free functionality.

SCOPE OF SUPPLY



The new AVX JETAnchor Mouseboat

One JETAnchor Mouseboat per control station



AVX JETAnchor GPS Antenna, cabling and glands



An Interface Module & all necessary cabling

REFERENCE

The JETAnchor Positioning System has been developed and extensively tested for several years on two commercial vessels, namely RAWINIA and 1070 Survey Vessel. RAWINIA is a Crew transfer boat working predominantly on standby off an offshore gas platform.

Allan Drinkrow, Owner/Operator - 1070 Survey Vessel:

"It is such a convenient system to have, whether you are fishing or doing survey work... I am very happy with it, would not build a boat without it!"