

WinFrog Remote

WinFrog Remote is a limited version of Fugro Pelagos' WinFrog integrated navigation software system offering those basic components considered essential for general navigation and positioning including single vehicle display and manual eventing. It is designed for use on a vehicle that is to be controlled by a WinFrog system on another vehicle. This streamlined package conveniently and cost-effectively allows a WinFrog controller system (composed of the core WinFrog and Multi-Vehicle Telemetry & Positioning module) to operate and control WinFrog Remote systems on remote vehicles.



A WinFrog controller system can control, monitor and track up to 10 WinFrog Remote systems. Communication between the controller system and remote systems can be via radio telemetry using WinFrog's wireless token ring network, over a LAN using TCP/IP protocol or via a combination of these two methods.

The WinFrog controller system can control the operation of the remote systems including the application of device data to the positioning of the remote vehicle, all sensor and vehicle offsets, vehicle presentation, line and waypoint tracking, graphics and transmission of the raw and positional data back to the controller. The controller can also re-broadcast the information of any remote vehicle it is tracking to any other selected remote, allowing the controller to control how each remote operates and what they are able to track. In addition, the inclusion of fairlead and anchor data provides an increased level of operating safety for work vehicles.

Applications:

- Drill Rig Positioning
- Pipe Lay Barge Operations
- Cable Lay Operations
- General Anchor Operations
- Bundled Pipeline Tows
- OBC and TZ Operations

Features:

- Control and operation of WinFrog systems on remote vehicles by a single, controller WinFrog system
- Extensive monitoring of remote systems operation
- Trouble-shooting of remote WinFrog systems through monitoring of the raw data
- Transfer of Working Survey Line, Waypoint and Picture files to a specified remote which then automatically uses the transmitted file as its Working file
- Re-transmission of RTCM data

Benefits:

- Increases operational control, efficiency and safety
- Eliminates the requirement of an onboard operator for the remote vehicles
- Quality assurance and control

