BARRETT COMMUNICATIONS

977 HF Vehicle tracking system

- **Accurately track and monitor vehicles and vessels over an HF radio network**
- **Independent of all other communications' networks**
- **Free to air - no call costs**

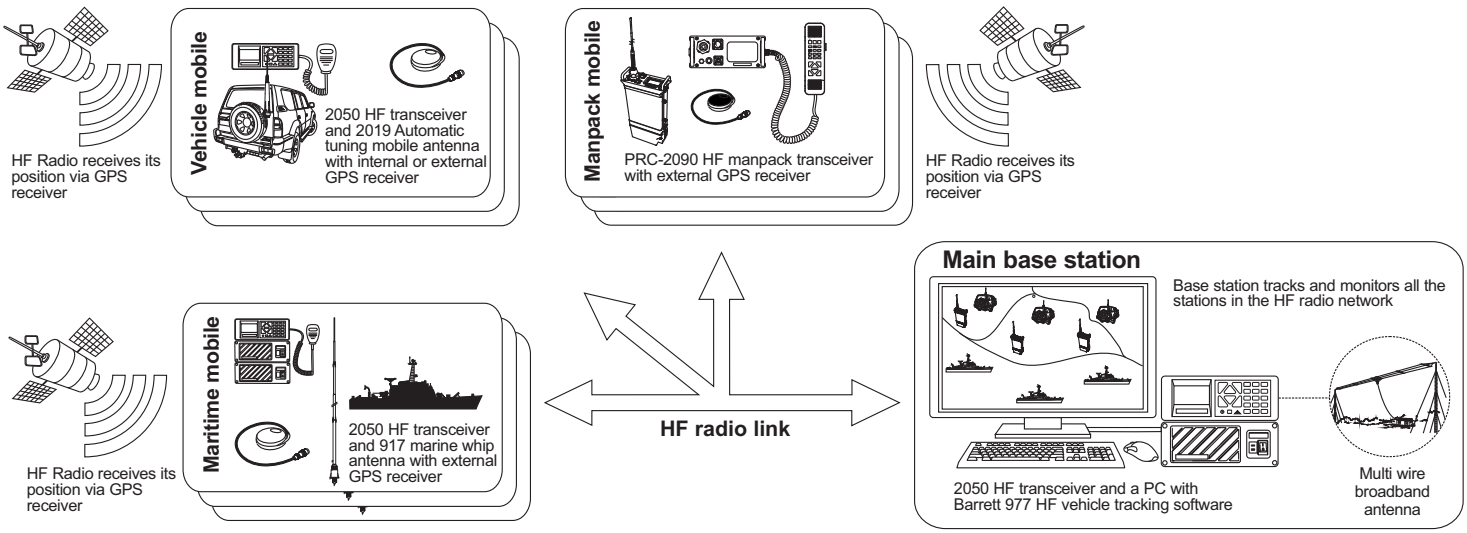
The Barrett 977 HF tracking system is an automatic vehicle locating and tracking package which utilises the Navstar Global Positioning System (GPS) and a HF network consisting of a central control station and mobile stations. The 977 computer based tracking system, located at the control station, automatically polls vehicles or vessels within the HF network, retrieving their position using a standard Selcall format based on CCIR493-2. The position of the vehicle or vessel being tracked is then displayed on a computer based map.

Features

- Monitors, tracks, follows or finds vehicles on maps stored in the control station computer.
- Reports alarm conditions immediately upon receiving a distress signal issued by any vehicle or vessel and automatically displays its location on the appropriate map.
- Warns when vehicles or vessels approach a user defined exclusion zone.
- Vehicle or vessel positions can be recorded for later playback and analysis.
- Provision to read and update textual information about specific locations on the map (way points).
- Way points are colour coded dots which are placed on the map by the user.
- Provision to retrieve and store textual information about every vehicle or vessel in the fleet.
- Displays the current mobile position as an icon, continuous track or a trail of points.
- Telemetry displays the mobile Selcall number, speed, distance, calculated arrival time and bearing to a selected destination, which can be a location on the map or the location of another mobile.
- Maps can be scanned by the customer using an A4 flat bed scanner and registered using the inbuilt registration system in the tracking software.
- Displays distances in metres, kilometres or nautical miles. System accuracy in the order of 15 to 30 metres (when subject to the effects of selective availability 100 metres).
- Transceiver function access which includes Pagecall, Statcall and the ability to control most main transceiver functions from the computer screen.

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Typical 977 Vehicle tracking system network example



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ISO 9001 BUREAU VERITAS Certification