

Internav[®] CHF

VEHICLE TRACKING SYSTEM

PRODUCT INFORMATION

General:

Internav[®] CHF is an Automatic Vehicle Location, Tracking, Navigation, Management and Control system which utilises the Navstar Global Positioning System (GPS) and Codan HF SSB radio equipment to provide communications between the central control station and mobiles. The MS Windows based tracking system, located at the control station, automatically polls selected vehicles located anywhere in the World and then plots their positions on a computer based map.

The control station consists of a PC loaded with the **Internav[®] CHF** vehicle tracking software which is connected via the serial communications port to the base HF radio.

Tracked vehicles are equipped with a HF SSB transceiver coupled with a GPS receiver.

SYSTEM COMPONENTS

Base Station Computer:

Pentium III processor or higher
128 MB RAM recommended
MS Windows[®] 95, 98, NT, 2000 or higher
1 serial communications port
1 parallel printer port
SVGA (1024x768xHigh Colour) graphics card
1 CD drive
100 MB HDD minimum
Microsoft mouse
Internav[®] CHF Vehicle Tracking Software

Base Station Communications Hardware:

Codan HF SSB NGT Series transceiver

Vehicle Communications Hardware:

Codan HF SSB NGT transceiver
GPS receiver (NMEA 0183 data format)

FEATURES

- Tracking, following and finding vehicles, shown on colour scanned maps of your choice
- Automatic recording of all emergency and safety events into an event log file
- Collision detection - warning when vehicles are too close to each other
- Alarm Zones - warning when vehicles enter restricted areas
- Corridor Zones - warning when vehicles leave designated travel routes
- Waypoint Proximity - notifying a vehicle upon approaching a checkpoint (waypoint)
- Telemetry - finds the nearest or furthest vehicle to a destination and displays the vehicle speed, distance, bearing and ETA to a selected location
- Textual and photographic information attached to every vehicle and waypoint
- Vehicle position recording for later playback and analysis

Internav[®] CHF is one of a range of Vehicle Tracking solutions from **ICS COMMUNICATIONS** with various 'tracking station to vehicle' radio carriers available. These include VHF/UHF radio, trunking networks, the GSM mobile phone network, Satellite phone, Inmarsat-B and Inmarsat-C and HF SSB radio.

Internav[®] is the complete vehicle tracking solution and is currently being used in Australia (Western Australia, New South Wales, Australian Capital Territory), Hong Kong, China, Malaysia, Thailand, Korea, Nigeria, Algeria, Uganda, New Zealand and United States.

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