

Track It TV®

(Formerly Follow Me TV®)

**A digital satellite tracking system
for people on the *move*.**

Can you have low-cost digital TV, sound and music on your vessel while you are motoring, swinging at anchor and at the dock? Do you need this? For many, the answer is a definitive **Yes! Track It TV**®, combined with a popular DSS Satellite TV 18" or larger dish and a receiver (both supplied by you), will give home-quality sound, video entertainment, including High-Definition TV, information, and culture on your boat while moving. Instant access to over 200 channels including:

Entertainment--See a recent or classic movie, local networks (ABC, NBC, CBS, Fox, Public), your favorite sport or program.

Information--View *rapidly approaching weather* from a TV radar image centered over your boat. Watch the Discovery, History, Science, CNN Channels or dozens of others and *enjoy useful information*.

Culture--appreciate and enjoy public broadcasting programs, music of any choice, the arts, academic classrooms and more.

Have all this at the low, affordable price of about 10% of competitive systems. **Track It TV**® is the first choice of cruising boaters and counts thousands of units in use since 1996.

Track It TV® is a new, affordable, dynamic, mobile, portable dish control system using DSS satellite TV services such as DIRECTV® (800-DIRECTV) or Dish Network® (800-333-DISH). First time DSS buyers can obtain the dish and receiver free or for less than \$30—just call the above numbers. International satellite TV services, dishes and receivers can be used as well. Specially developed to be a low-cost, highly-reliable system that tracks in most conditions where it might be desirable to view satellite television, it gives an additional use for your home DSS investment.

Track It TV® is designed to follow **you** in conditions that are reasonable for viewing television. As the sea or wind increases beyond the design threshold, the system will continue to point at the satellite but will momentarily lose track in elevation more frequently. It does not track under more extreme sea conditions.

Track It TV® is unconditionally guaranteed to have sufficient availability in the conditions **you** desire or the full price will be refunded any time during the first 30 days.

WHAT ARE THE OUTSTANDING FEATURES?

dynamic-- In a protected anchorage, **Track It TV**® automatically tracks the satellite location regardless of how fast or frequently the vessel swings at anchor. In conditions up to 15 knots, the vessel can swing for hours at anchor up to 720° lock-to-lock with minor breaks in reception. Tracking degrades in very rough anchorage conditions.

mobile-- In calmer seas, **Track It TV**® will automatically track the satellite location while motoring. Tracking degrades in rougher seas as the vessel heels, pitches or rolls more than 5° to 10°, depending on the dish direction.

portable—**Track It TV**® can be set up and removed in less than 10 minutes when one is prepared. The design includes brackets to allow mounting on single or double-rail bow or stern pulpits, radar arches or decks and enables quick vertical adjustments regardless of the angles. It weighs 10 pounds with a 5" diameter and 32" height. Quickly mount the tracking unit on your vessel, plug into 12 volt/0.5 amp power, place your home

dish over the rotating shaft, and hook your 110v digital receiver (about 20 watts) to the dish and the vessel's TV set--or provide a dedicated DSS for your vessel—and enjoy the highest resolution digital TV. No more snow, ghosts, interference, or just 3 fuzzy channels.

cost effective—***Track It TV®*** is about 10% of the cost of good 3-D tracking systems because it is designed for only the likely viewing environment--where azimuth can rapidly change but elevation remains relatively constant. You get 90% of the capability for 10% of the cost!

COMPARE AVAILABLE SYSTEMS

1. **Fixed Systems**--supply a case, compass and vertical bubble. Usually they fold and have various mounting attachments. Sometimes sold as boating systems, but they do not track.
2. **Automatic Lock-on Systems**--search and lock on the signal. Usually required due to the lack of accessibility to the dish. Adapted from stationary RV systems, sold as boating systems, they track only when the vessel is “drifting slowly” in calm water.
3. **3-Dimensional Tracking Systems**--track under all sea and wind conditions. Inexpensive units lose the signal quickly at sea. Cocoon-type covering is 1 to 3 feet high by 20” to 30” wide.

Systems:	Mobile	Portable	Track accuracy	Utility	Cost
Fixed	No	Yes	none	At the dock?	\$200-1600
Automatic	No	No	0	Variable	\$1200-3000
3-D Tracking	Yes	No	good	Variable to 100%	\$3000-10,000*
<i>Follow Me TV***</i>	Yes	Yes	$\pm 1/10^\circ$	90%-100%	\$896.90**

(* Does not include \$1000-2000 installation for cocoon type systems)

(** Includes simple self-installation and a powerful option called “Find”***. Packing/insurance./shipping UPS ground is \$35)

WHAT IS THE BEST CHOICE?

4. Check the bottom line: ***Track It TV®*** was developed by cruising boaters for cruising boaters to be the **affordable and effective** dynamic tracking system. Initial lock-on is done by you within 43 seconds using remote Find*** and Left/Right button control. Then automatic tracking occurs with $\pm 1/10^\circ$ accuracy to easily stay within a beam width of $\pm 3^\circ$. The system tracks the direction of the satellite under all conditions that do not require an elevation adjustment--a 90% design point. Within this design point at dock, in calmer motoring conditions and anchorages, this exceptional tracking makes satellite television 100% usable.

WHAT ARE THE TECHNICAL QUALITIES?

Track It TV® is a compact, portable, satellite-tracking unit that automatically keeps a satellite dish pointed to the location of the new digital satellites. Your home satellite dish slips over the mast of the ***Track It TV®*** unit and rotates by remote button control to the location of the stationary satellite ***. When the Find button is pressed, it points the dish to the satellite location and automatically starts tracking. An indicator light tells you when the satellite is found. Technically, the unit is a dynamic, micro-controlled, geostationary, satellite-tracking platform. The microcontroller software receives precise input ($\pm 1/10^\circ$) of the azimuth direction of the satellite from a wholly solid-state, magnetometer-based digital compass and drives a precision digital stepper motor to maintain a tracking satellite dish, regardless of vessel orientation or movement. ***Track It TV®*** enables laser disc-quality video and sound on a moving vessel when combined with any user-supplied dish and receiver common to the country of intended use.

*** “Find” feature calibrates to remember where you first found the satellite signal. Every day thereafter, it returns exactly to this location with a single button press within 43 seconds regardless of the new orientation of the vessel—even if it has swung completely around 180°.

Track It TV®

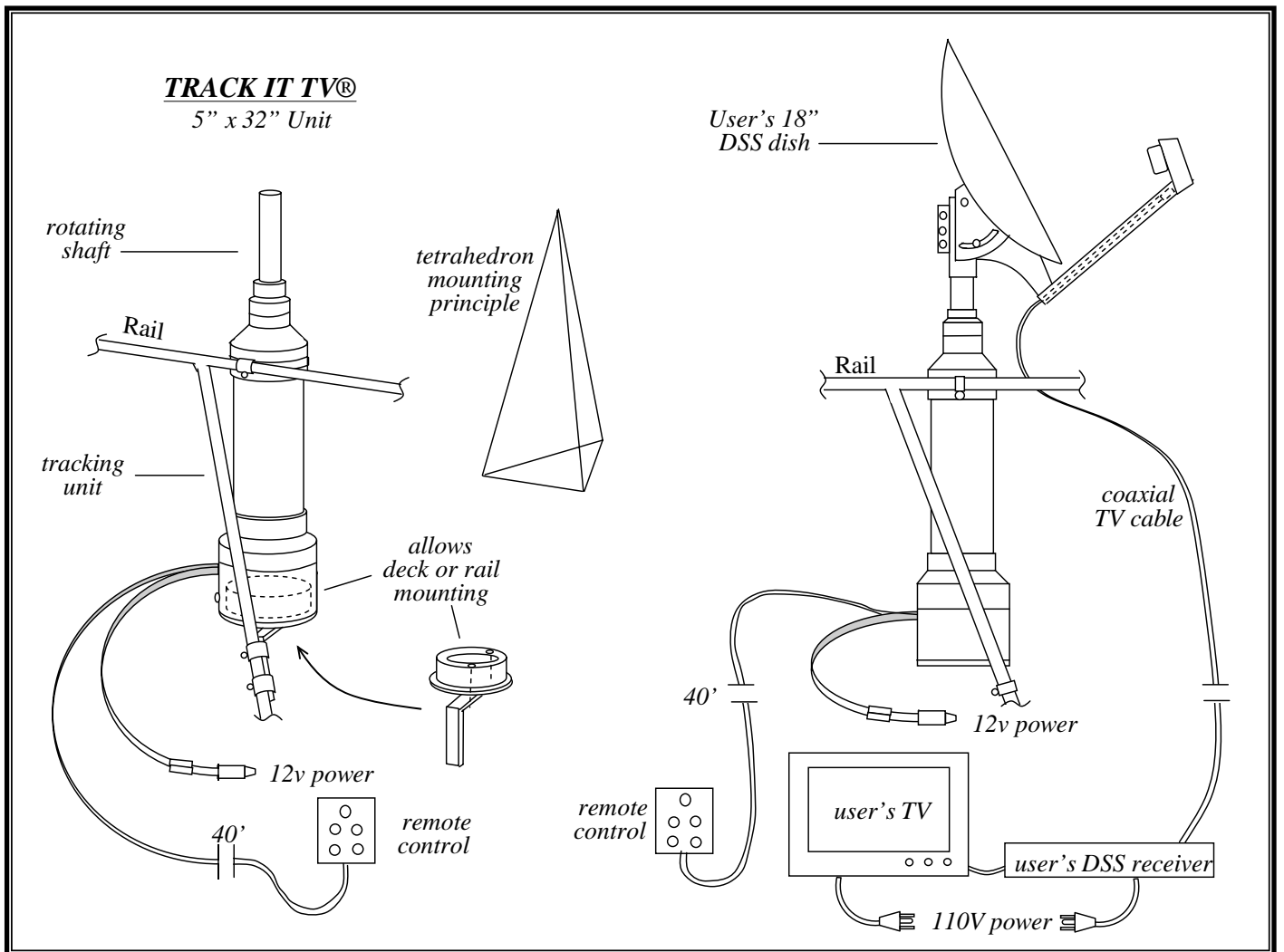
(Formerly Follow Me TV®)
A satellite tracking system
for people on the *move*.

Available from:
Follow Me Company
P.O. Box 101
Royal Oak, MD 21662-0101

Call Ray, Dave or Paul or write for free information:

Toll Free: 877-followme (365-5696)
International: 843-681-6274
Fax: 843-681-8902

Web Site: www.TrackItTV.com
E-mail: info@TrackItTV.com



Follow Me Company

PO Box 101

Royal Oak, MD 21662

Toll Free: 877-followme (365-5696) International: 843-681-6274 Fax: 843-681-8902

Web Site: www.TrackItTV.com E-Mail: info@TrackItTV.com

Mobile satellite TV for people on the move

Thank you for your interest in **Track It TV®**. **Track It TV®** is designed simply to be the lowest-cost marine digital satellite system (DSS) tracking unit and to install and operate easily. Install on your boat rail or elsewhere in less than 10 minutes. Put a home DSS dish over our tracking shaft--turn on the TV and DSS receiver--set the dish elevation based on the DSS TV menu--press a button to sweep the dish to the magnetic location of the satellite to locate the signal--and enjoy 200+ channels of DVD quality TV and 40+ channels of CD-quality music. Don't have a DSS? First time buyers get a dish and receiver free or under \$30 on the internet. Call DirecTV (800-DIRECTV), Dish Network (800-333-DISH), or any one of hundreds of providers overseas.

Why is **Track It TV®** the low-cost unit? There are other very good units available that are based on the premise that people will watch TV regardless of how torturous the wind or sea. These units track under all adverse sea and wind conditions and do so by employing expensive equipment to automate all the functions of search and tracking in 3-dimensions. This premise can lead to unit costs of \$3000 to over \$10,000. **Track It TV®** is based on the principle that most people pick calm anchorages and want to watch TV mostly while anchored (**Track It TV®** also tracks while motoring in calm inland waterways). The result is what we call a 10-90 system. **Track It TV®** has 90% of the utility of expensive systems but only about 10% of the cost. It is made simply to track only in relatively calm seas even if the boat is swinging wildly. Elevation can be fixed so it needs to track in only 2 dimensions, azimuth, to counter turning of the boat. We were ruthless in putting all our costs into only those components that are critical to the tracking; the strongest stepper motor and gear case and the most precise, reliable solid-state compass. We left out everything that smacked of unnecessary "gold-plating." For example, a simple, external 50 cent cord is our limit switch. It saves you from about \$200 extra costs for internal limit switches, electronics and liquid crystal displays. Yet it serves the functions of stopping an excessive turn, notifying you of an approaching limit and you use a simple button press to unwind. Another example is the simple case; made of standard 3" PVC pipe. This is strong, completely marinized, and not an RV derivative -- with the bonus of easily adding PVC pipe that fits the bottom 4" coupling to help custom mount the unit.

More good news about **Track It TV®**. It is possible to get a great DSS signal on your boat throughout the U.S., Alaska, and the Bahamas (as far as Cuba—we watched weather and classical movies on **Track It TV®** in Cuba, March 1998 and January 2001).

1. The powerful Weather Channel Doppler Radar shows you dangerous fronts as they move from the West Coast across the U.S. through the Bahamas and gives you real-time, dynamic radar images every 10 minutes; especially important so you can take safety measures as the front reaches your boat. NOAA, SSB or WXFAX cannot begin to supply this dynamic information, yet are a higher cost than **Track It TV®**. Most boaters justify paying just 10 percent of the price of competing systems by getting the Weather Channel. But the bonus is access to over 200 additional digital-quality channels for information, culture and entertainment while on the hook. No more just 3 fuzzy channels!
2. You don't have to stay in expensive slips just so you can get better TV. 6 to 12 nights on the hook are much more pleasant and more than pay for the entire cost of **Track It TV®** plus the monthly programming.
3. You get 90% of the utility at 10% of the price of the complex systems and watch TV almost anytime you desire. As wind and seas increase to uncomfortable levels, your TV screen will freeze more frequently—at some point you reach the 90% utility level where you probably will pay more attention to your boat than TV. Here you can choose just to get periodic images of fronts and real-time weather radar or if seas get rougher, you will not be able to track.
4. Are there advantages to tracking on a compass location? Significantly. The megayacht cocoon systems track on the TV signal. Upon losing the signal due to a disturbance (a big wake), they switch to search mode and may take a minute or two to search the sky for the signal—and we hope there is not another, even minor disturbance, before they regain the signal or the search continues. **Track It TV®** is always locked on to a magnetic location throughout the disturbance and regains the signal the instant the disturbance passes. Big boats do not pitch much and roll slowly. Smaller boats, under 50', roll and pitch much quicker and are more likely to lose the signal in an expensive system. The spec for a popular cocoon system gives a max acceleration of 0.2 g. Smaller boats easily exceed 1 g in seas causing signal loss.

Thanks to interest such as yours, we now count the number of **Track It TV®**s being used in the thousands since 1996. It is the world's least-cost system, was developed by cruising boaters, and is chosen most frequently by people who actually cruise.

Sincerely,

Ray Barnard, Paul Capron, and David Dianich

©2008 Follow Me Company