

# SAILOR® 60 & 90 SATELLITE TV

Built for maritime professionals

2013 Product Sheet

## COBHAM

The most important thing we build is trust

**Out in the open sea, it takes a satellite TV antenna system as tough as your crew to withstand the elements. SAILOR Satellite TV systems combine rugged materials with advanced tracking technology to deliver the performance professionals depend on.**

### Professional reliability

Only SAILOR Satellite TV Antenna systems are built specifically to meet the demands of maritime professionals. No matter where or under what conditions, SAILOR delivers reliable TV reception. Advanced technology, multiple tracking methods, fast satellite acquisition and an extra-wide elevation range ensure a steady signal, even when travelling for long distances, in rough seas or in polar regions. Should the antenna momentarily lose its signal due to bad weather or blockage, the hardware and software in SAILOR Satellite TV systems are fully optimized to reacquire satellite signals quickly and automatically.

### It's easy

A user-friendly control unit with intuitive interface makes operating a SAILOR Satellite TV system easy. Menu choices cover what you need, without an overwhelming list of options. For advanced maintenance or adjustments, the control unit has an easily accessible interface for laptop connection. Because every satellite has limited coverage, it is necessary to be able to change from one satellite to another. With SAILOR you just have to push a button on the control unit upon entering a new satellite territory – no manual adjustments above deck are necessary. SAILOR Satellite TV is also compatible with all major satellite service providers, includes pre-installed satellite locations and offers the option to easily change locations if desired.

### Proven performance

With probably the most ambitious internal test criteria in the industry, we have put SAILOR Satellite TV systems through a battery of demanding tests to ensure they live up to SAILOR's high standards. Built on a 3rd generation platform, they offer the security both of proven performance and of technology that is anchored in constant improvement.

### The industry's best service network

In the unlikely event your SAILOR Satellite TV system delivers something other than smooth sailing, it is nice to know the industry's most extensive, skilled network of service professionals is nearby. Our On Board Service Centers are strategically placed around the world to ensure prompt, professional service – without costly downtime in port. And every service expert must meet rigorous criteria

before earning the right to meet your service needs.

### Suitable for any commercial vessel

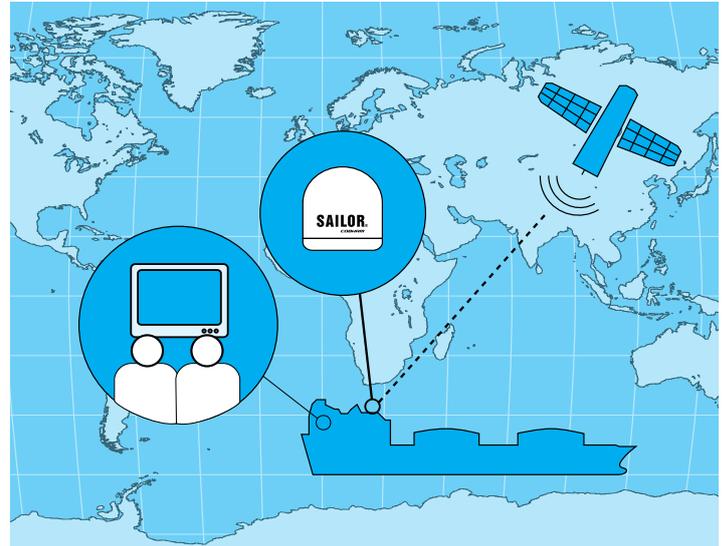
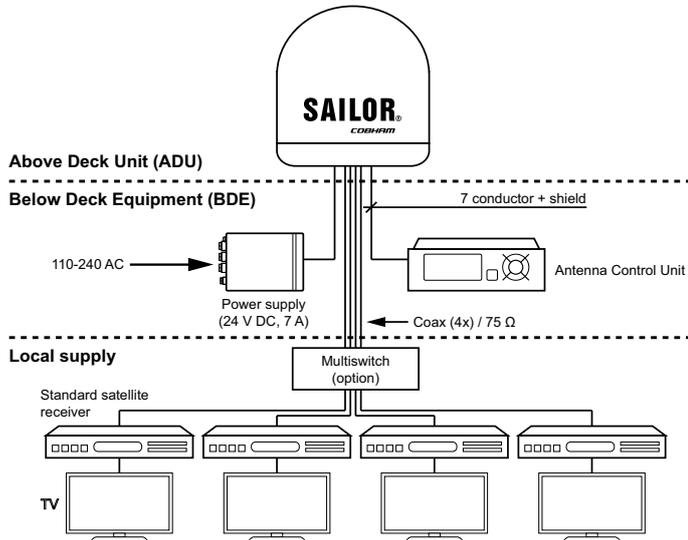
- SAILOR 60 Satellite TV: ideal for smaller crafts or coastal vessels
- SAILOR 90 Satellite TV World: designed for offshore and commercial ocean going vessels (the reception power of the SAILOR 90 Satellite TV World system is equivalent to larger antennas). The SAILOR 90 Satellite TV World antenna offers World-wide TV Reception for global sailing vessels!

While TV is certainly not a necessity at sea, most would agree it plays a significant role in the welfare of officers and crew. Make it easier to recruit – and retain – yours with SAILOR.



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## COMPARISON CHART

	SAILOR 60 Satellite TV	SAILOR 90 Satellite TV
		<b>World</b>
Active antenna diameter	60 cm/24"	90 cm/36"
Radome diameter	685 mm/27"	1045 mm/41"
Radome height	790 mm/31"	1175 mm/46"
Weight incl. radome	41 kg/88 lbs	65 kg/132 lbs
LNB	Ku-band quattro	Ku-band quattro
Min EIRP (FEC 2/3)	46 dBW	43 dBW
Azimuth range	630°	630°
Elevation range	-10 to 120°	-8 to 120°
LNB skew range	+/- 90°	+/- 90°
Voltage	24 V DC +/- 10%	24 V DC +/- 10%
Current	3A	3A
Starting current	6A	6A
Yaw/turn angular velocity	40°/s	40°/s
Yaw/turn angular acceleration	25°/s <sup>2</sup>	25°/s <sup>2</sup>
Roll/pitch angular velocity	40°/s	40°/s
Roll/pitch angular acceleration	25°/s <sup>2</sup>	25°/s <sup>2</sup>
Temperature range	-20 to 60°C	-20 to 60°C
Humidity	0-100%	0-100%

## Worldwide TV reception

### Automatic Depolarisor

Allows automatic switching between linear and circular polarization. Switching is fully automatic and takes only seconds!

### DVB-S2 Decoder

DVB-S2 is a digital TV broadcast standard designed to succeed the popular DVB-S standard. SAILOR 90 Satellite TV World has a built in DVB-S2 decoder so you are sure to receive TV broadcasts now and in the future, no matter where in the world your vessel might be sailing.

### Adjacent Lock Function

This function allows the antenna to lock on an adjacent DVB-S(2) satellite and turn x degrees to receive content from a satellite using an alternative standard. Essentially the antenna is now independent of broadcast standards. A key factor in a Global Satellite TV Solution!

For further information please contact:

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