



Islander October 2010 Technology Update

To Monaco and beyond.....

The Monaco Yacht Show was a blast! Once again, it was a full-on week of catching up with almost everyone you have ever met in the industry from all over the world. By all accounts, it was a success and heralded an increase in orders and some confirmed sales.

The French did their best to dampen everyone's enthusiasm by having another bout of industrial inaction in protest at having to work for another two years. By the time they get to sixty they will have taken at least two years' worth of industrial action so surely it's only fair they work for another two years to catch up? I would love to see one of the French union leaders magically transported into the departure lounge of some foreign airport, like Madrid, on one of their inaction days and see them being lynched by angry passengers who have had their day ruined. Sorry, mustn't get carried away.

OK, back to technology. What's new? At the Monaco Show we had one of our new partners on our booth presenting their brilliant service which can convert any room on a yacht into a medical emergency room at the touch of a button and then provide specialist medical service from a host of physicians.

Guardian Twenty Four Seven Presidential ReadyRoom

The company is called Guardian 24/7 Presidential **ReadyRoom**TM. The physicians who founded **Guardian 24/7** developed the medical systems and protocols for the President of the United States. Obviously the President and his family don't settle for second-rate care and they are providing that same professional, *presidential* level of care to the private sector and in our case specifically to yachts.

The **ReadyRoom**TM service offers an in-home command centre to manage a full spectrum of medical needs. A **ReadyRoom**TM installation places medical equipment, supplies and medication in a client's yacht, home, office, or jet, custom-tailored to specific needs and key locations. Staterooms or a gym can be designed to auto-convert into a **ReadyRoom**TM. You need to see this to believe it. Take a look at the video of a stateroom room converting automatically on our website:

<http://e3s.com/index.php/services/medical-services/guardian-24-7-presidential-medicine>

Once the **ReadyRoom**TM conversion has taken place then Guardian's physicians can then direct the proper use of medicine

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and equipment either via telephone or with advanced video teleconferencing links. This is where we come in. All the Guardian services are dependent on good quality and reliable broadband services. We provide our range of marine broadband services including our very versatile and reliable eVSAT service.

Guardian's physicians include hundreds of practicing specialists in every area of medicine and anyone of them is on hand for every type of need. An assistant is required on the yacht, but the assistant only needs to take instructions from the physician to place an instrument where he says and then the physician remotely controls all the equipment. The patient, in some cases, can do this themselves. There is a kit of medical supplies and drugs placed on the yacht that the physician can also remotely subscribe and issue.

So, this very neat package provides an in-home command centre to manage the full spectrum of medical needs with hundreds of physician's on-hand who are specialists in every area of medicine.

This is a great package and I think it beats having a permanent doctor on board as that doctor will not have the huge cross range of specialities that the Guardian physicians have.

Vodafone Portugal launch HSPA

I think it is great when you hear that a country that is thought not to be very technically advanced has been quietly making strides forward. Vodafone Portugal has launched dual-carrier HSPA, offering download speeds of up to 43.2Mb/s. The first device to support the new speeds will be the Vodafone Connect Pen K4605, which offers up to 43.2Mb/s download and up to 11.4Mb/s in the uplink. These figures are "up to" and represent the very best speed in an unloaded environment. Good news for the golfers and surfers on the Algarve.

In other Vodafone news this last month we have heard that they are considering selling their minority interest in SFR France.

The United Arab Emirates (UAE) have cancelled their planned ban on the Blackberry

At the fifty ninth minute of the eleventh hour the UAE have lifted their planned ban of Blackberry services just days before it was due to come into effect. "BlackBerry services are now compliant with the UAE's telecommunications regulatory framework," the country's regulator said in a statement. It added that "all BlackBerry services in the UAE will continue to operate as normal and no suspension of service will occur," but gave no further indication on the nature of the deal it has seemingly agreed with Blackberry. The ban – which was due to start on Monday 11th

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October – was announced by the UAE two months ago, on the grounds that BlackBerry's encryption technology meant that services could not be monitored by government security agencies. The ban related to BlackBerry email, instant messaging and web browsing services (though not the traditional voice and SMS).

US Verizon launch new 4G LTE network to 110 million people

Just carrying on with the continued massive growth and need for data bandwidth in the mobile telephony world, US operator Verizon Wireless announced this last month plans to rollout the world's largest 4G LTE network to date, promising to launch the next-generation technology in 38 major metropolitan areas by the end of the year and cover a population of more than 110 million! They say their service in a "loaded environment" will provide for 5-12Mb/s down and 2-5Mb/s up. Note these are predicted real speeds not the "never achieved" or "ever seen" speeds.

With the launch a couple of weeks ago of Microsoft's Windows Phone 7 (WP7) operating system, which is going to be taken on by AT&T to name just one, they will be trying desperately to catch up with the number 1 and number 2 of Apple and Google. With literally millions of Apps now available for these three groups of operating systems that all need data will the data infrastructure be able to keep up? There lies a question.

Because of these phones sucking the data out of the currently available pipes we have seen our first operator, Vodafone Italy, put a maximum limit on data used. The "all you can eat" phrase is no longer valid in Italy. We are told a cap will be put on data for SFR in France soon and no doubt Spain and all other operators will follow suit.

Sonos, Spotify, iPhone and iPad

Getting off the really dull mobile phone news to something really exciting, but it does need the dreaded data bandwidth.

For anyone who is familiar with my undisguised enthusiasm about Sonos, the wireless home audio system, or has been subject to dinner at my house when the Sonos controller gets passed around and everyone has to choose their favourite tracks from my limited selection of just over 22,000. Well now, without attempting to disguise my enthusiasm, Spotify and Sonos now work together, and this allows music selection from a library of 8 million tracks in the cloud! Not only that but you can use your iPhone (I know that's not new) but you can also use your iPad now (that is new). Is that brilliant or what!



By the time you read this, I hope everyone enjoyed the Pinmar Golf.

We will be on our booth in the Super Yacht Pavillion at Amsterdam METS stand 10.614. Please come and see us. If anyone needs tickets we have plenty. Just drop into the office for one.

Roger Horner of E3 Systems

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