

SDA Cruise IT Information

Version

v1.0 2021

Internet Access

The SDA has limited satellite bandwidth for all ship operations, which is many times slower than a single average UK household, and will vary depending on the ships geographic location and heading.

Bandwidth use is monitored, devices that are using excessive bandwidth will be blocked from the internet.

To reduce bandwidth:

- Do not stream audio or video to or from the internet.
- Do not use voice or video chat services.
- Do not download files from the internet
- Turn off bit torrent services\software
- Turn off automatic updates on your devices. (See separate document)
- Compress files and reduce sizes of images
- Turn off or disconnect devices from the network when they are not in use.

Ships systems have priority for bandwidth, occasionally the bandwidth allocated to non-ships systems may be temporarily restricted or blocked.

All computers connected to the ships network must have an up-to-date virus checker.

Television and Radio

BFBS TV & Radio on the cabin TVs is provided via a dedicated satellite dish, and so does not affect internet bandwidth. It can also be viewed on a computer, mobile phone or tablet using <http://miplayer.tv/player/tv/live>.

Wi-Fi

The SDA-Guest Wi-Fi will allow access to the internet, email, and Teams. The password is MARINE001marine

To obtain access to the main SDA network please contact a member of the IT staff or the EO. Any device must be recently patched and have a current anti-virus package installed before connection to the main SDA network.

Wired Network Ports

'Guest' network ports located in all cabins (under the desk), the science office, data suit and science labs.

DO NOT disconnect ships devices (Telephones, Screens, Wifi access ports, Desktop PCs, etc.) These network ports are set-up specifically to work with these devices and they will stop functioning if connected to a different socket. Any other devices will be unable to connect to the network from to these ports.

Email

UKRI employees (and users with Office 365 accounts) can continue to use Outlook, which will connect from the Guest or Staff Wi-Fi networks. Other 'web mail' services (Gmail, Yahoo etc.) are also accessible from both Wi-Fi networks.

WhatsApp

WhatsApp can be used for text messages only on the Guest and Staff Wi-Fi Networks.

Before leaving the UK

Things to check before you join the SDA;

- Patch your device and all the apps
- Ensure you are running anti-malware software
- Turn off unneeded synching software such as torrent/dropbox/git/onedrive
- Install and configure WhatsApp
- **Install and configure an email client and download all your email.** Change settings to prevent large message downloads and minimize junk

Further Information

For further information (e.g. printing) go to www.sda.bas.ac.uk