

SDA Cruise IT Information

To Do **Before** Joining the SDA

Devices not following these steps may be blocked from joining the SDA network

- ☐ Review [SDA IT infrastructure Video \(10 mins\)](#)
- ☐ Install and setup WhatsApp
- ☐ Update all devices, including personal phones and laptops
 - Operating Systems
 - Windows – Check for Updates
 - Mac – System Settings – General – Software Update
 - Linux – ‘sudo apt-get update’ OR ‘sudo apt update upgrade’
 - Software/Apps
 - Games
- ☐ Disable OneDrive file sync
 - Any files that will be required, mark them for **Offline Use**
- ☐ Disable Cloud Services
- ☐ Disable any torrent/Dropbox/Google Drive or other syncing software
- ☐ Put your devices into low data or metered wifi modes
- ☐ Ensure laptops have up-to-date antivirus software
- ☐ Install and setup an email client and download all your email.
 - Change settings to prevent large downloads
 - Alternatively use low-data webmail

Device Administrative Access

To ensure smooth operations, we strongly recommend that administrative level accounts and passwords are supplied for IT devices on the RRS Sir David Attenborough for the duration of the cruise. Without administrative access troubleshooting and fixing issues is almost impossible and extremely time consuming. If you have an device managed by your institute then we can provide an official letter explaining the reasons for this.

Internet Access

The SDA has a limited satellite data allowance for all ship operations and welfare purposes.

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

To reduce data:

- Do not unnecessarily stream audio or video to or from the internet.
- Be careful about making video calls or joining meetings.
- Turn off bit torrent services\software
- Put your devices in low data or metered wifi mode.
- 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.

Wi-Fi

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

SDA **Snowlink** is the welfare network. You will be given a username and password, with a daily allowance of 2.5GB data. Follow instructions given by onboard IT. Maintaining your data usage is your responsibility. To maintain fairness IT will not reset allowances. They automatically reset at 00:00 GMT (often 21:00 ship's time) and do not roll over.

Wired Network Ports

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

DO NOT disconnect ships devices (Telephones, Screens, Wi-Fi 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 Staff Wi-Fi network. Other 'web mail' services (Gmail, Yahoo etc.) are also accessible.

Multi-Factor Authentication

Ensure you have MFA configured to work offline for any accounts that you will or may need to access, e.g. email and banking. Ensure where possible your accounts setup to use a one-time-password (OTP) rather than a call or text as calls and text may not work onboard or abroad.

WhatsApp

WhatsApp is a good way to communicate with home and people onboard, it's best to set this up before leaving the UK or your home country.

Further Information

For further information (e.g. printing) go to www.sda.bas.ac.uk when on board, or prior to arrival please contact the BAS IT ServiceDesk.

For help completing any steps on this sheet contact the BAS IT Service Desk for more information or explicit instructions.

BAS IT Service Desk:

Internal staff: Web portal - Servicedesk.bas.ac.uk

External staff: Email - Servicedesk@bas.ac.uk