Network Access Control Policy

The purpose of the Network Access Control Policy is to define the types of Internet connections authorized that minimize the exposure to R/V Ka'imikai O Kanaloa (KOK) computer network from destruction, theft and loss of data, and disruption to science and shipboard operations.

2. Policy Scope
All users of equipment or devices connected to the University of Hawaii KOK network must adhere to this policy.

3. Policy
At the start of every cruise, each science party and crew member will be given an Internet account and bandwidth allotment. Once this allotment is used, Internet access to that account is cut off but local network access is still available.

Amount of bandwidth given = (number of sea days) * (daily rate)
Ex: 10 sea days * 5MB/day = 50MB given at the start of the cruise

Individuals are free to use this bandwidth at whatever rate they see fit and are responsible for monitoring their own bandwidth utilization. Technicians may provide monitoring assistance as time permits.

The R/V KOK provides shipboard email services for crew and science party members. Bandwidth used by email sent via the shipboard service does not count towards a user's bandwidth allotment. Shipboard emails are limited to 0.5MB in size. Bandwidth used by KOK public computers does count toward a user's bandwidth allotment. Personal devices attached to the network are permitted but should be running appropriate, updated antivirus software. All automatic software updates should be turned off to minimize bandwidth usage. OTG Technicians will provide support for personal devices as time permits but individuals are responsible for the bandwidth consumed by personal devices in any case.

In order to provide adequate protection of network services, only the following ports will be open for Internet access: HTTP, HTTPS, POP3, IMAP, IMAPS, Secure FTP / SSH

Any other access requested by science personnel must be made through the network’s firewall and only with the approval of the lead OTG technician. As time permits, technicians will assist with firewall connections, but it is the ultimate responsibility of the Chief Scientist and science party to troubleshoot problems encountered with connections through the firewall.

4. Responsible Officer
Director, Ocean Technology Group

5. Policy Effective Date
March 4, 2013