**DITCO Notes (updated 7/8/2015)**

Ordering instructions in attachments from Jarid Schulte

SBD – whitelisting changes the pointer inside the device that sends the information from the Commercial Gateway to the DOD Gateway.

SIM – ICCID is serial number MSISDN # is phone number

SBD – IMEI # is serial number

12/7/2015 - DoD is added a new run to their email scanner that is appending [Non-DoD Source] to the front of the subject line. This scanner is outside of our control, so we can't change it to not append inbound email with that text. We have a patch, but won't be able to install untill the new year. It is a benign error, just more annoying than anything else.

**DITCO Restrictions on EMSS Use**

* WiFi HotSpots are not authorized on the DoD Gateway as it is not approved by the NSA due to security reasons.
* Devices cannot be called into to activate. Once communication established, then two-way communication is allowed but the communication must be established by the device. This may have change but have not discovered how yet.

**DITCO contacts**

Ditco Customer Service:

DITCO Customer Service Center - [(618) 229-9333](tel:%28618%29%20229-9333) - DSN 779-9333

[disa.scott.cfe.mbx.other-customer-support@mail.mil](mailto:disa.scott.cfe.mbx.other-customer-support@mail.mil)

Website customer care: Alicia Arnold [618.220.8938](tel:618.220.8938)

EMSS DISA/TIBI Help:

Jarid Schulter [618-229-9567](tel:618-229-9567) [jarid.l.schulte.civ@mail.mil](mailto:jarid.l.schulte.civ@mail.mil)

Kalee Norrenberns 618-229-9757 [kalee.e.norrenberns.civ@mail.mil](mailto:kalee.e.norrenberns.civ@mail.mil)

LaLisa Long [lalisa.r.long.civ@mail.mil](mailto:lalisa.r.long.civ@mail.mil)

General email often cc’d by customer service: [disa.scott.ditco.mbx.emssditco@mail.mil](mailto:disa.scott.ditco.mbx.emssditco@mail.mil)

For minor changes in your requirement (i.e. mis-typed IMEI number) I would recommend that you send an email exactly like the one you did on Monday and send it to Jarid, LaLisa, and myself. This way everyone that works these EMSS orders will see it and it will likely not be missed again.

However, for major changes (i.e. changing the PDC or POC information) I would recommend contacting DISA CONUS. CMCL: [618-220-9922](tel:618-220-9922), DSN: 779-9922, [disa.scott.conus.mbx.customer-service@mail.mil](mailto:disa.scott.conus.mbx.customer-service@mail.mil). Normally, their standard operating procedures are to have you submit an amend to your requirement if the change heavily impacts the requirement.

 For Assistance in creating TSR's  
for equipment and SIM Cards you can work with DISA CONUS Customer Service  
[618-220-9922](tel:618-220-9922).  
  
Technical questions about the devices themselves can be referred to General  
Dynamics Customer Service at: (for hardware and connection issues or unblocking codes)  
[1-877-449-0600](tel:1-877-449-0600)  
Or  
[Customer.Service@gd-ms.com](mailto:Customer.Service@gd-ms.com)

DOD Network Operations Center (gateway questions) contracted to General Dynamics (Pacific Gateway NOC)

SIM cards: [disa.jbphh.pac.mbx.emss-pac-gw-noc@mail.mil](mailto:disa.jbphh.pac.mbx.emss-pac-gw-noc@mail.mil) Phone: 315-453-0010

Daniel J. Eftink – technical

Ketih Horst - adminsitrative

SBD modems: [support@sbd.pac.disa.mil](mailto:support@sbd.pac.disa.mil)

Support Desk (rings on all desks at once): (703) 996-2900, option 3 (support)

Benita Hughes [Benita.Hughes@exelisinc.com](mailto:Benita.Hughes@exelisinc.com)

EMSS SBD Technical Support, Exelis

703-996-1650

Lyn Young [Lyn.Young@exelisinc.com](mailto:Lyn.Young@exelisinc.com)

Manager, Program Services, Exelis

703-996-2927 (office)

Use this email address for Blacklisting a lost SBD modem.

Agreement:

cc to Mike Nichols [michael.a.nichols16.civ@mail.mil](mailto:michael.a.nichols16.civ@mail.mil)

Michael Nichols, Deputy, EMSS Services Division

DISA - Network Services (NSK1)

6916 Cooper Ave (O4G57F)

Fort Meade, MD 20755-7901

301-225-2516

michael.a.nichols16.civ@mail.mil

DISA Storefront issues:

Primary:

Harold (Hal) Herrick - harold.l.herrick.civ@mail.mil

Alternate:

Mr. Marc Himebaugh

SD/SD21, Business Systems, Program Management Branch

Development and Business Center

Storefront PMO Office

Office: (301) 225-88138

Email: marc.s.himebaugh.civ@mail.mil

Ms. Debbie Palmer

SD/SD21, Business Systems, Program Management Branch

Development and Business Center

Program Management Section Chief

Office: (801) 605-7200

Email: Debra.s.palmer2.civ@mail.mil

SIM Card Help

Keith Horst (RMCS(retired)) [keith.a.horst.ctr@mail.mil](mailto:keith.a.horst.ctr@mail.mil)   
John Shishido, DoDC [john.f.shishido.civ@mail.mil](mailto:john.f.shishido.civ@mail.mil)   
Nasu, Tamari C CIV DISA PAC (US) [tamari.c.nasu.civ@mail.mil](mailto:tamari.c.nasu.civ@mail.mil)

Rudics Provisioning and Information website:  [https://inah.pac.disa.mil](https://inah.pac.disa.mil/)

* For RUDICS standard (STD), higher-level ports are preferred. <http://iase.disa.mil/ppsm/Pages/index.aspx>.
  + Select the Category Assurance List (CAL) link to the left to get the list of best practice/restricted/etc ports.
  + Good rules of thumb though, use the higher ports to avoid a lot of trouble. Just for a basic reference, Elizabeth Steffen has requested them in the 7000 range and above
* As allowing IP addresses you would want to set up any firewalls/ACL to allow the RUDICS source IP of 192.108.98.20.
* Dialed Number Identification Service (DNIS) number (Gateway phone number): 8816-0000-500
* RUDICS STD provisioning is handled by the EMSS gateway, which will require your user to enter the IP address when ordering the SIM card or fill out our standard form available via our webpage at: [https://inah.pac.disa.mil](https://inah.pac.disa.mil/) .
  + Select  "Information" at the top of the page and then scroll down to the provisioning information section and fill out the required web form.
  + Alternately, fill out the EMSS RUDICS Provisioning Request (word document) and send to DISA JB PH-H PAC Mailbox EMSS PAC GW NOC [disa.jbphh.pac.mbx.emss-pac-gw-noc@mail.mil](mailto:disa.jbphh.pac.mbx.emss-pac-gw-noc@mail.mil), must have work order, etc. Sample email sent by Debbie Marrs, March 24th. Useful when activating a SIM card already received.
  + If a word document is being submitted, Keith Horst noted that it is helpful if we’re submitting a word document request for RUDICs provisioning if he get cc’ed: [keith.a.horst.ctr@mail.mil](mailto:keith.a.horst.ctr@mail.mil) So, next time you make a RUDICs provisioning request, I guess cc him in addition to the mailbox we were instructed to use previously.
* SIM card is activated with a PIN number required, but can be manually disabled. Cannot order with the PIN number deactivated as it is a security feature when sent through the mail. Code for military SIM card PIN number is 1111. Can manually disable if have technical knowledge using ATT codes. To deactivate with handset then have to call General Dynamics for deactivation code specific to each SIM card.
* SIM card to connect to internet, email, etc.
  + Equipment and General Information
    - The speed is only 2.4 kbps (hoping that was a tying error initially). It is data-oriented, graphics will not work. Its their Standard Voice & Data RUDICS service using Voice Comms.
    - For equipment you can use a NAL research data modem, the 9505 phone or the 9505A phone, or the 9575 phone. The 9575 phone can only be used for non-secure communication and the phone must be purchased through the DISA site so they can ensure an approved supply chain in the manufacture of the item.
    - Connecting cables ... the 9575 phone should come with a USB cable. The 9505 phone can be purchased with a data kit. That will come with an RS232 connector. You will then need to purchase a RS232 to USB connector to finish up the connection cables.
  + For Activation and configuration of the SIM card (Debbie or I will complete)
    - The process can take up to two weeks.
    - For Direct Internet or Dial-up Data we will need to request Data Service from the RUDICS Radius Server (which is just what they call their Data Service Server, the woman Sonja, to whom I spoke, said it is a bad naming convention as it is to close to the RUDICS Service itself which is different).
    - SIM card: When we request and activate the SIM card we should select all the options (Apollo, PPP, RUDICS). We will then use the RUDICS PPP/PPP-SSPP provisioning form (https://inah.pac.disa.mil/info.shtml) to gain access to the Server. This is a different form than what we normally use for the devices to talk directly to our server.
  + On the commercial side the IridiumGo and Open Port may be better options for equipment but they are not allowed on the DITCO configuration. These do have wireless and bluetooth capabilities. I am unsure of the speed on the Stratos side of things, will see if Ben can find out. If it is faster it may be better to use the commercial and activate, deactivate as needed which Patrick suggested. Stratos has no charge in their activation/deactivation process.
* Compatible equipment
  + You can use your EMSS SIM card in hardware approved for use through DISA over the EMSS Gateway. If you put your EMSS SIM card in equipment not approved for use on the EMSS Gateway, your SIM card will be suspended, access to the gateway will be blocked.
  + That Satlink 3 hardware was designed for use on the Commercial Iridium Gateway. It is a WI FI hub and it’s highly unlikely it was approved for use on the EMSS Gateway due to the vulnerabilities associated with an open network. If you reach out to the manufacturer, they will know whether or not there product is approved for use on the EMSS Gateway. If they do not know, it is because they are selling a product for use on the commercial gateway only.
* Are there any special dialing procedures to use the data services?
  + For Dialup Data service: When you load the drivers into your computer the install program will guide you step-by-step through the process. At the prompt enter the number to reach the far-end computer as if it were a normal Iridium voice call (i.e. 00 696 314 + 7 digits for DSN or 00 697 222 + 7 digits for domestic long distance).
  + RUDICS PPP data service, the phone number. To dial is 00 8816 000023 or 00 8816 000022
  + For PPP-SS data service, please use 00 8816 0000300.
  + PPP-SS is now PPP-CE (same number). You do have to dial the front two 0's before the 8816 or it won't work
* IP and Port requirements relating to the different services
  + RUDICS PPP/FPPP and PPPCE (Riverbed) do not require IP or Port information.
  + RUDICS STD is used if you need to send information to a specific source. PPP/FPPP/PPPCE gives you access to the DISA NIPRnet via the Gateway. PPP/FPPP can also send data but also allows for web browsing. PPPCE does the same as PPP & FPPP but is has cache so if you're attempting to download a file and get disconnected it will remember your spot so you don't have to start over. PPPCE does require a client which can be downloaded from our website.
  + Each of these services has a different access number so you would need to change your dialing configuration. It doesn't matter what PPP service you ask for we'll provision for all three (PPP/FPPP/PPPCE). Only RUDICS STD needs a separate request and that is due to the IP/Port information.
* Messaging to SIM cards
  + Use website: <https://inah.pac.disa.mil/sms.shtml>
  + Then select messaging and utilize the SSL protected website. If you encounter any issues let me know and I'll be happy to assist. Essentially it serves the same function as the Iridium web app.

SBD Provisioning and Information website: at [https://sbdwp.pac.disa.mil](https://sbdwp.pac.disa.mil/)

* SBD Provisioning options
  + Do not include hyphens in the IMEI # on the provisioning form.
  + If you use email, the system the E-Mail delivery will default to "Standard Email". Other options for E-mail delivery include Inline Text and Inline Binary. If you have E-Mail delivery, will you use the Standard Email?
  + Select the Geo Location option for all SSDs to be activated with this option turned on. Geo Loc is not the same as GPS.
  + Select the Ring Alerts option for all SSDs in the service request to be activated with this option turned on. This feature is for LBTs and phones running software revision IS06002 or later. It is available on all SIMless SBD only devices.
  + SBP Direct IP Delivery is only on port 10800
  + SBD Direct IP Delivery will be coming from 192.108.98.11 on port 10800. This port should be opened bi-directionally for this address.
    - DirectMT message will be sent to sbd.pac.disa.mil (192.108.98.11) port 10800
    - DirectMO messages will originate from 192.108.98.11 port 10800
    - Domain Name: sbd.pac.disa.mil
  + Direct IP: SBD web poratal there an SBD DirectIP specification that will answer questions. On the top right, click Support and select DirectIP Specification Version 2.1.
* MT Messages
  + SBD detailed information in EMSS\_SBD\_SSD\_ICD\_1.3.pdf off of the support link on the web portal
    - MT messages to all SSD units homed to the EMSS gateway are sent to [data@sbd.pac.disa.mil](mailto:data@sbd.pac.disa.mil)
    - Details are in section 3.2.1 of the .pdf document
  + How do I setup MT filters to prevent Denial Of Service attacks?
  + To avoid unwanted MT message deliveries to your device, you can create MT filters.
    - To setup an MT filter, select Create New MT Filter from the MT Functions menu.
    - Enter the appropriate information for your MT filter and click on the Create MT Filter button.
    - Remember that this is a positive filter, meaning once a filter or filters have been applied to a device, only those sources are allowed to reach your device.
    - If you need to edit or delete MT filters, you can do so by selecting View MT Filters from the MT Functions menu.
    - SBD FAQ page (<https://sbdwp.pac.disa.mil/SBD_Portal_FAQ.htm#_How_do_I_8>)
  + MT Messages do not expire on the DoD system. On the commercial side, MT messages more than 5 days old cause the queue to be flushed.
* SBD User Access Form: <http://www.dtic.mil/whs/directives/forms/forminfo/forminfopage3211.html>
  + Request new Domains on the Provisioning form
  + Deborah is the Primary Admin of the old domain so she will need to submit a DD2875 form to Admin@sbd.pac.disa.mil for everyone who will need access to the new SBD portal.
    - System Name: EMSS Short Burst Data (SBD) Web Portal
    - Location: EMSS Gateway, Wahiawa, HI
  + An SBD Domain and web portal account has to be requested through a SAAR form DD-2875 specifically for this system. It would not be automatically assigned/created by DISA. This system is at [https://sbdwp.pac.disa.mil](https://sbdwp.pac.disa.mil/)
  + Once the forms are submitted & approved by DISA, we will send the new login & usernames for the new SBD portal to everyone listed on the forms. Then you can start submitting the SBD forms for all your SBD requests.
  + Any user that needs to speak for technical assistance needs the “Alternate Web Domain Administrator” or “Web Portal Role only” and “Domain Web Administrator” Role and Permission.
  + “Instructions - DD Form 2875 for EMSS SBD Web Account.txt” gives additional information about the forms.
  + Non-federal access:
    - Non-federal employes have three external certificates authorities accepted by the SBD provisioning website. List is located <http://iase.disa.mil/pki/eca/Pages/certificate.aspx>
    - PKI Certificate Access requires:
      * On-line form, with signature from supervisor
      * Notorized with government issued ID
      * Mail to authority to receive soft certificate
      * Soft certificate then installed on computer for browser to access (May need local IT help)
    - Informal tech note on how to obtain a PKI soft certificate from one of the DOD approved External Certificate Authorities (ECA) is in User Forms and Information folder
    - In parallel to their application for the certificate, you can get them started on the DD-2875. Debbie, as the Primary SBD Domain Admin, will need to receive them from the scientists, review and forward to Support@sbd.pac.disa.mil. Do not have them send them in directly.
      * You should tell the scientists how to complete block 13 with the Domain # that you want them to use. You can give them roles as Alternate Domain Admins, or just Web Portal Only role, but with the Web Portal Domain Admin (read/write) permissions. This will allow them to independently change/troubleshoot the devices in their domain, but not allow them to request adding, moving or deactivating devices or additional web portal accounts.

Example:

Domain = (existing) #

Role = Web Portal Only

Permission = Web Portal Domain Admin

Or

Domain = (existing) #

Role = Alternate SBD Domain Admin

Permission = Web Portal Domain Admin

* + Questions should be directed to the SBD Support address at Support@sbd.pac.disa.mil for each new request topic. This email address generates a support ticket used for correspondence related to a specific request.
* SBD Domain Information
  + Sylvia’s login information LoginID = cleburne (all domains listed below)
    - Domain = (existing) 933 (XTPMEL)
    - Domain = (new) 1167 (XTPCPO - Drifter Scripps)
    - Domain = (new) 1169 (XTPCPO - Drifter AOML)
    - Domain = (new) 1171 (XTPCPO - Argo UW)
    - Domain = (new) 1173 (XTPCPO - Argo WHOI)
    - Domain = (new) 1177 (XTPCPO – Argo Scripps)
  + Debbie’s login information LoginID = cecil (all domains listed below)
    - SBD Domain (existing) = 933
    - SBD Domain (new) = 1167
    - SBD Domain (new) = 1169
    - SBD Domain (new) = 1171
    - SBD Domain (new) = 1173
    - Domain = (new) = 1177
* SBD Provisioning used the ServiceRequestForm sent to  [Admin@sbd.pac.disa.mil](mailto:Admin@sbd.pac.disa.mil)
* Persons with an SBD web portal account can access the Direct IP Specification for SBD service delivery which has all the needed information.
* Question on bandwidth:
  + All Iridium products are limited to the L-band Frequency range: 1616 MHz to 1626.5 MHz and a data rate of 2.4kbps
  + Depending on the type of device, the maximum amount of data that can be in a single SBD message is
    - SIM-based LBT (9522A, 9522B or 9523) < 2 kilobytes
    - SIM-less SBD only device (9601, 9602, 9603) 340 bytes MO ("mobile originated SBD message") and 270 bytes MT ("mobile terminated SBD message")
  + The DISA EMSS airtime contract has already been negotiated and set through FY 18 and provides unlimited usage, so the amount of data transferred is not billable.
  + The amount of data being transferred is specific to the application. If your scientist's modems can break up the 6k of data into separate SBD messages and the receiving (based end) system can put them back together in the correct order, then it should work fine. This is specific to the application which we do not support. We support the service.

**PMEL Contact Information**

* Saildrone - Evan Jones [evan@saildrone.com](mailto:evan@saildrone.com) (until mid Aug 2017) & Jim Morash

[iridium@saildrone.com](mailto:iridium@saildrone.com)

Saildrone, Inc.

1050 W. Tower Ave   (No building or room #; we’re a small team)

Alameda CA 94501

Phone: [503.772.5050](tel:(503)%20772-5050)

Rudics IPs/Ports:

52.9.144.180:8971

SBD IPs/Ports:

52.9.144.180:10800

54.215.4.88:10800

Configuration options:

— Rudics: Boat-initiated connections only.

— SBD Geo Location: YES

— SBD Ring Alerts: NO

**CPO Contact Information**

Drifters

* Scripps - Mr. Lancelot Braasch [lbraasch@ucsd.edu](mailto:lbraasch@ucsd.edu)

Technical group email: [LDL\_TECHNICAL@ucsd.edu](mailto:LDL_TECHNICAL@ucsd.edu)

Phone: 858-534-4770

Fax:  (858) 534-6164

Climate, Atmospheric Science & Physical Oceanography

Scripps Institution of Oceanography

UC San Diego

9500 Gilman Drive # 0234

La Jolla, CA 92093-0234

* AOML - Shaun Dolk (Miami, FL) [Shaun.Dolk@noaa.gov](mailto:Shaun.Dolk@noaa.gov)

Group email: [aoml.dod\_iridium.info@noaa.gov](mailto:aoml.dod_iridium.info@noaa.gov)

Primary for web portal: Mayra Pazos

Phone: 305-361-4546

Fax: 305.361.4545

NOAA/AOML/PhOD

4301 Rickenbacker Cswy

Miami, Florida 33149

* AOML (XBT folks) – Pedro Pena [pedro.pena@noaa.gov](mailto:pedro.pena@noaa.gov)

Phone: 305-361-4417

NOAA/AOML/PhOD

4301 Rickenbacker Cswy

Miami, Florida 33149

* + Alt location for mailing contact: Justine Parks

Phone: [858-534-1139](tel:(858)%20534-1139)

Scripps Inst. Of Oceanography

8810 Shellback Way 139 Nierenberg Hall

La Jolla CA, 92093

* Scripps – Romain Heux [rheux@ucsd.edu](mailto:rheux@ucsd.edu)

Phone: 858-822-0744

Climate, Atmospheric Science & Physical Oceanography

Scripts UC San Diego

9500 Gilman Drive #0230

La Jolla, CA 92093

* Scripps (Tide Gauge) – Derek Young [dereky@hawaii.edu](mailto:dereky@hawaii.edu)

University of Hawaii/JIMAR

1000 Pope Rd., MSB312

Honolulu, HI 96822

Ship to: Nikolai Turetsky 808-956-6670

* Scripps (UW Group) – Ignatius Rigor [ignatius@uw.edu](mailto:ignatius@uw.edu)

IABP (International Arctic Buoy Program). The SBD devices will reside inside of AXIB buoys which are Airborne eXpendable Ice Buoys.

University of Washington

Seattle, WA 98195

Primary Tech Contact:

Glen Montgomery

[3740 Oceanic Way Suite 302:](https://maps.google.com/?q=3740+Oceanic+Way+Suite+302:Oceanside,+Ca+92056&entry=gmail&source=g)

[Oceanside, Ca 92056](https://maps.google.com/?q=3740+Oceanic+Way+Suite+302:Oceanside,+Ca+92056&entry=gmail&source=g)

Phone: [760-433-6300](tel:(760)%20433-6300)

Fax: [413-375-0914](tel:(413)%20375-0914)

Argo

* UW - Dana Swift (Seattle, WA)  [swift@ocean.washington.edu](mailto:swift@ocean.washington.edu)     
  Phone: 206-543-6697; 206-616-8343  
  Fax: 206-685-3354  
  University of Washington School of Oceanography  
  Box 355351  
  Seattle, WA 98195
* PMEL - Elizabeth Steffen (WRC Campus, Seattle, WA)  [elizabeth.steffen@noaa.gov](mailto:elizabeth.steffen@noaa.gov)     
  Phone: 206-526-6747
* Scripps - Mike McClune (San Diego, CA)   [mmcclune@ucsd.edu](mailto:mmcclune@ucsd.edu)

Phone: 858-534-2516

Fax: (858) 822-2974

Climate, Atmospheric Science & Physical Oceanography

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UC San Diego

9500 Gilman Drive # 0213

La Jolla, CA 92093-0213

* WHOI - Pelle Robbins (Falmouth/Woods Hole, MA) [probbins@whoi.edu](mailto:probbins@whoi.edu)

Alternate: Jessica Kozik ([jkozik@whoi.edu](mailto:jkozik@whoi.edu))

Phone: 508-289-4917

Fax: 508.457.2163

Woods Hole Oceanographic Institution

Dept. of Physical Oceanography, MS #29

266 Woods Hole Road

Woods Hole, MA 02543

**CPO PDC/Location Information**

Drifters

* Scripps - Luca Centurioni / Lance Braasch
* Scripps (Tide Gauge) – Derek Young
* Scripps – Roman Heaux
* Scripps (IABP: International Arctic Buoy Program) – Ignatius Rigor

XTPCPO

La Jolla, CA

* AOML - Shaun Dolk
* AOML (XBT Test) – Pedro Pena

XTPCPO

Miami, FL

Argo

* UW - Dana Swift (Seattle, WA)

XTPCPO

Seattle, WA

* PMEL - Elizabeth Steffen (WRC Campus, Seattle, WA)

XTPMEL

Seattle, WA

* Scripps - Mike McClune (San Diego, CA)

XTPCPO

San Diego, CA

* WHOI - Pelle Robbins (Falmouth/Woods Hole, MA)
* WHOI – Nan Galbreath

XTPCPO

Woods Hole, MA

**CPO Routing Information**

Drifters

* Scripps - Luca Centurioni (San Diego, CA)

Deliver Method: Standard Email Delivery

Geo Location: Enabled

Ring Alert: Disabled

Addresses:

totem@contact.ucsd.edu

[aoml.drifters@noaa.gov](mailto:aoml.drifters@noaa.gov)

[aws.ldl-drifter.org](http://aws.ldl-drifter.org/) (added to all devices per email sent by Lance 3/20/2017)

[data.ldl-drifter.org](http://data.ldl-drifter.org/) (added to all devices per email sent by Lance 3/20/2017)

~~96.127.94.51:10800~~ (removed from configuration per email sent by Lance 3/20/2017)

~~gdpsbd@gmail.com~~ (removed from Scripps configuration per email sent by Lance 10/1/2015)

* Scripps – Romain Heux or Paul Chua

SIM Cards: IP Address 169.228.227.139 on port 10800

* Scripps – Tide Gauge

SIM Cards: IP Address 128.171.46.213 on port 14754

SBD: IP Address 128.171.46.213 on port 10800

* Scripps (IABP: International Arctic Buoy Program) – Ignatius Rigor

Geo Location: Enabled

Ring Alert: Disabled

[iridium.pacificgyre.com:10800](http://iridium.pacificgyre.com:10800/)

[ignatius@UW.edu](mailto:ignatius@UW.edu)

* AOML - Shaun Dolk (Miami, FL)

Deliver Method: Standard Email Delivery

Geo Location: Enabled

Ring Alert: Disabled

Addresses:

[totem@contact.ucsd.edu](mailto:totem@contact.ucsd.edu)

[aoml.drifters@sbdmail.aoml.noaa.gov](mailto:aoml.drifters@sbdmail.aoml.noaa.gov)

[aws.ldl-drifter.org](http://aws.ldl-drifter.org/) (added to all devices per email sent by Shaun)

[data.ldl-drifter.org](http://data.ldl-drifter.org/) (added to all devices per email sent by Shaun)

eng.sbd@metocean.com (Only for buoys manufactured by Metocean Data Systems)

[dbillctest@gmail.com](mailto:dbillctest@gmail.com) (only for devices activated Dec 2017)

[~~gdpsbd@gmail.com~~](mailto:gdpsbd@gmail.com) (removed from AOML configuration per email sent by Shaun 11/6/2015)

~~96.127.94.51:10800~~ (removed to be replaced with drifter.org address per Shaun)

* AOML – XBT Program (Pedro Pena) RUDICS PPP waiver to use SMTP and POP3

Argo

* UW - Dana Swift (Seattle, WA)

SIM Cards

IP Address: 128.208.71.50  & ~~Port:10230~~ (email 5/6/2016) ~~Port: 10800~~

(email 6/13/2016) Port: 10800 for SBD Port: 10230 for SIM Cards

SBD

DirectIP  128.208.71.50:10800

DirectIP  128.208.70.5:10800

email     iridium@gluttony.ocean.washington.edu

email     aoml.argo\_iridium\_sbd@noaa.gov

email     UwArgoSbd@gmail.com

Deliver Method: Standard Email Delivery

Geo Location: Enabled

Ring Alert: Disabled

* PMEL - Elizabeth Steffen (WRC Campus, Seattle, WA)

SIM Cards:

?? (Taken care of through Deborah Marrs as an XTPMEL person)

SBD

[oar.pmel.sbdargo@noaa.gov](mailto:oar.pmel.sbdargo@noaa.gov) functional

[sio.argo\_iridium\_sbd@ucsd.edu](mailto:sio.argo_iridium_sbd@ucsd.edu) SIO

[aoml.argo\_iridium\_sbd@noaa.gov](mailto:aoml.argo_iridium_sbd@noaa.gov) AOML

[sbd@jcommops.org](mailto:sbd@jcommops.org) AIC

[sbd@mrvsys.com](mailto:sbd@mrvsys.com) manufacturer

Geo Location: Enabled

Ring Alert: Disabled

* Scripps - Mike McClune (San Diego, CA)

Deliver Method: Standard Email Delivery

Geo Location: Enabled

Ring Alert: Disabled

Email addresses:

sio.argo\_iridium\_sbd@ucsd.edu

solo2@whoi.edu

aoml.argo\_iridium\_sbd@noaa.gov

sbd@jcommops.org

solo@idg1.ucsd.edu

After activation McClune’s group will set MT Filter to \*.ucsd.edu (as of 12/7/2015 still setting up user accounts so Filter added by S. Scott)

* WHOI - Pelle Robbins (Falmouth/Woods Hole, MA) Email routing:

Deliver Method: "Standard Email”

Geo Location: ON

Ring Alert: OFF

Addresses:

solo2@whoi.edu WHOI's main address

argosolo2@gmail.com WHOI's backup

sio.argo\_iridium\_sbd@ucsd.edu We send to SIO for redundency

sbd@jcommops.org to JCOMMOPS

sbd@mrvsys.com to float manufacture

* WHOI – Nan Galbraith: falls under Pelle Robbins (Falmouth/Woods Hole, MA) Email routing:

Deliver Method: "Standard Email”

Geo Location: ON

Ring Alert: OFF

Addresses:

  udata@whoi.edu  
  uop.data@gmail.com

mobile originated direction: float to server via Gateway

mobile terminated message: server to float via Gateway