Vessel Tracker
Design Reqs

- Ingest position fixes from multiple sources (R/V noon slips, AIS/VOS messages, etc)
- Store data in SQL backend that can feed multiple frontends and maintain history
- Display R/V positions in simple interface (eg. Google Maps) with additional messages (eg. UHDAS), links, images
- Working on agreement with sailwx.info to harvest positions but this is less than ideal
http://www.rvdata.us/tracker
Proposed Protocol

1. Send daily email ashore –

   To: dropbox@rvdata.us
   Subject: [Vessel Tracker]

   Call Sign: KAQP
   Position: $GPRMC,230102.00,A,0705.320005,N,08331.313280,W,8.94,96.1,261011,0,E,D*34
   Cruise: AT18-12
   Chief Sci: Scott Nooner

   (any of $GPRMC, $INRMC, $IIRMC, $GLRMC, $GNRMC)

or else

2. Add Cc: dropbox@rvdata.us to any existing email ashore (eg. VOS) with a postfix