

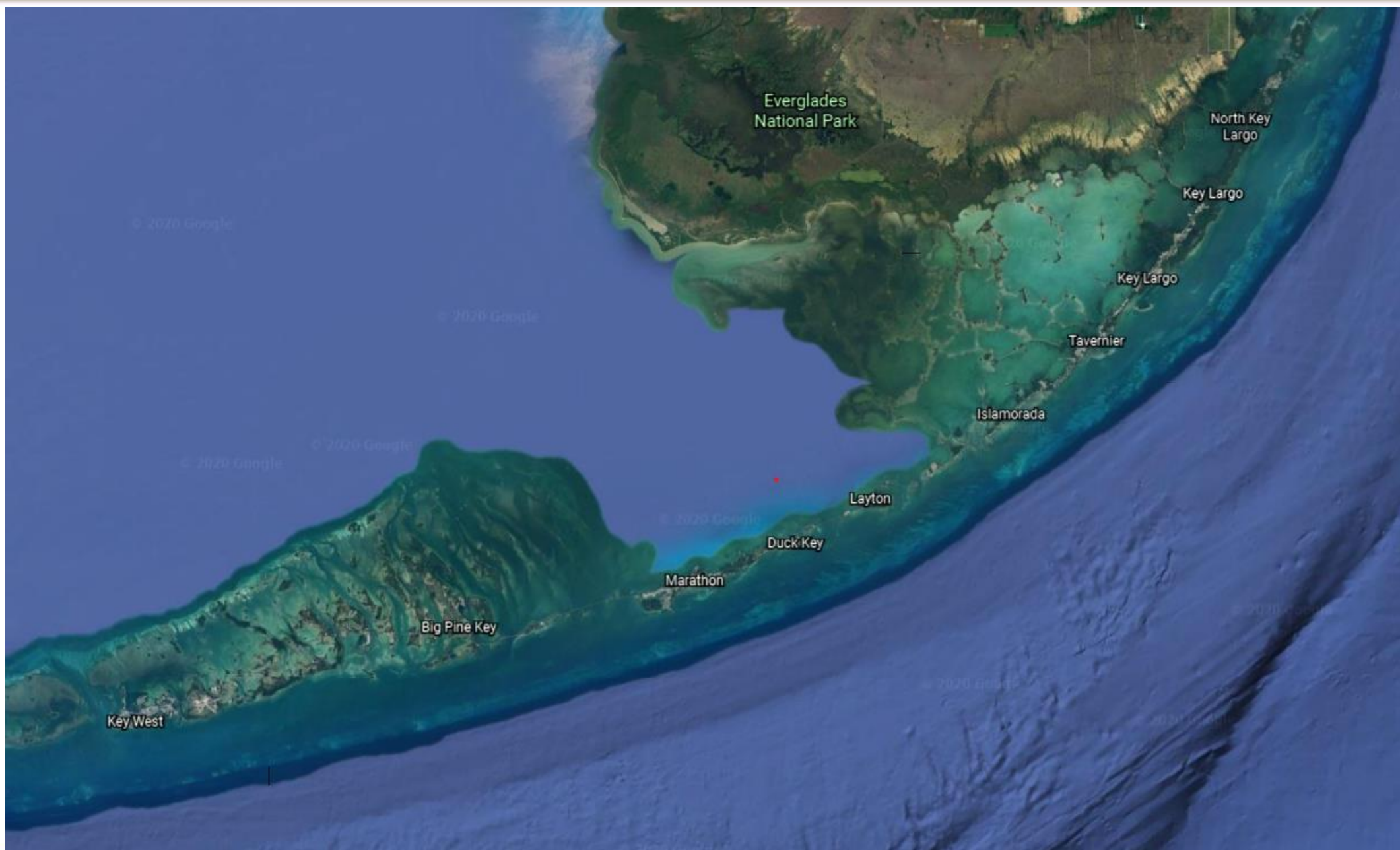


Florida Keys Diverse Operations and Response Methods

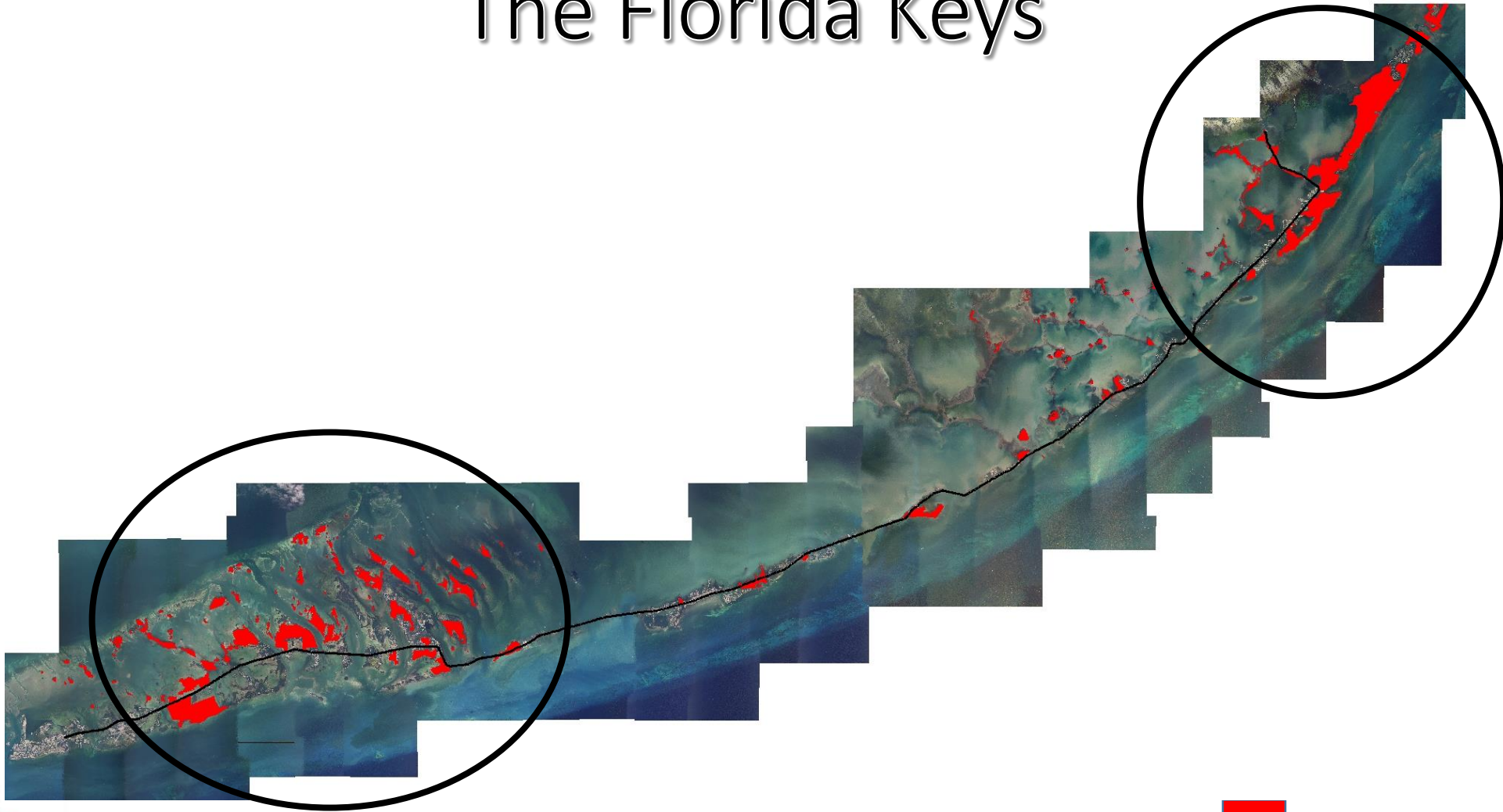
Mikki Coss

Florida Keys Mosquito Control District



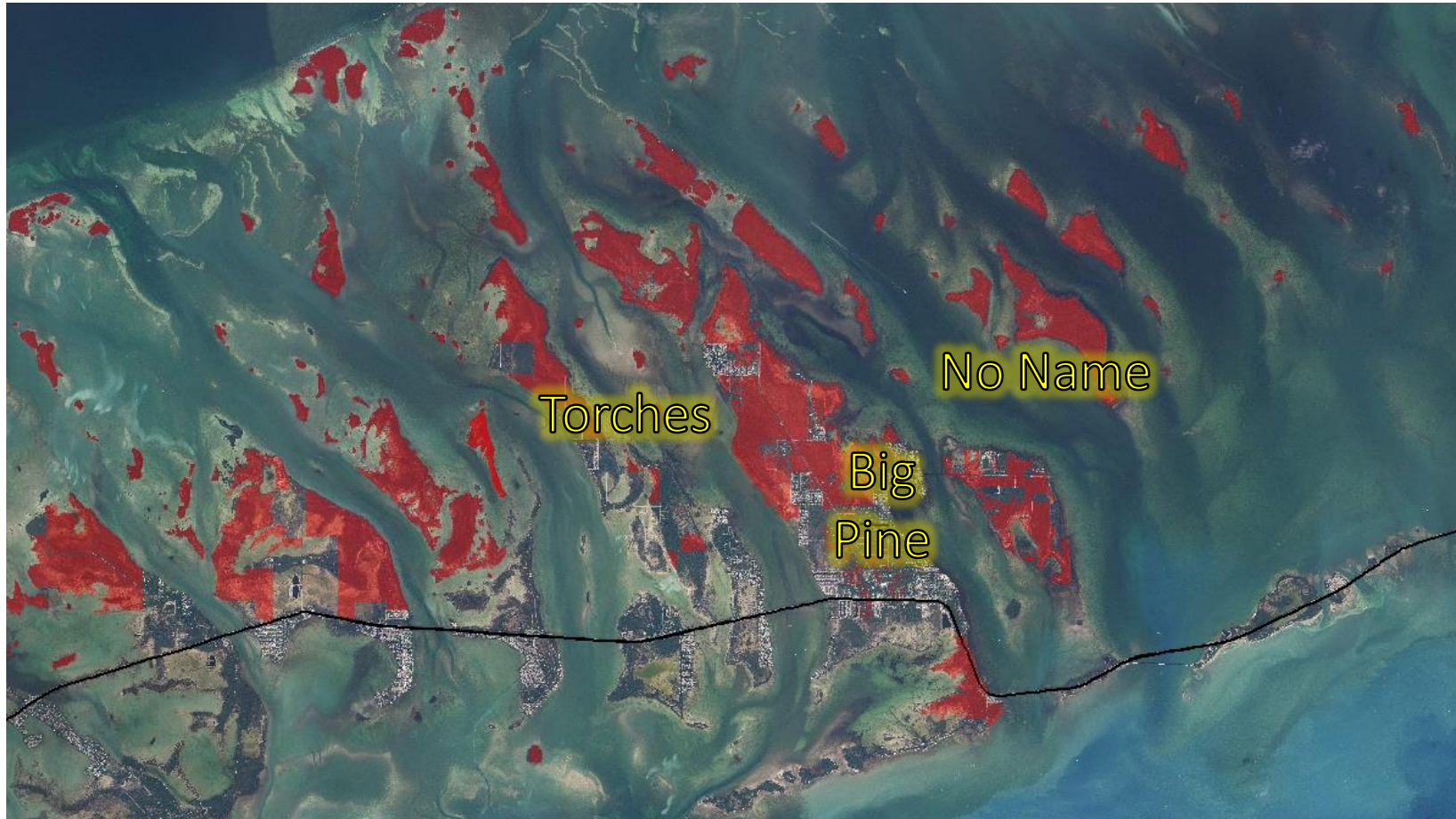


The Florida Keys

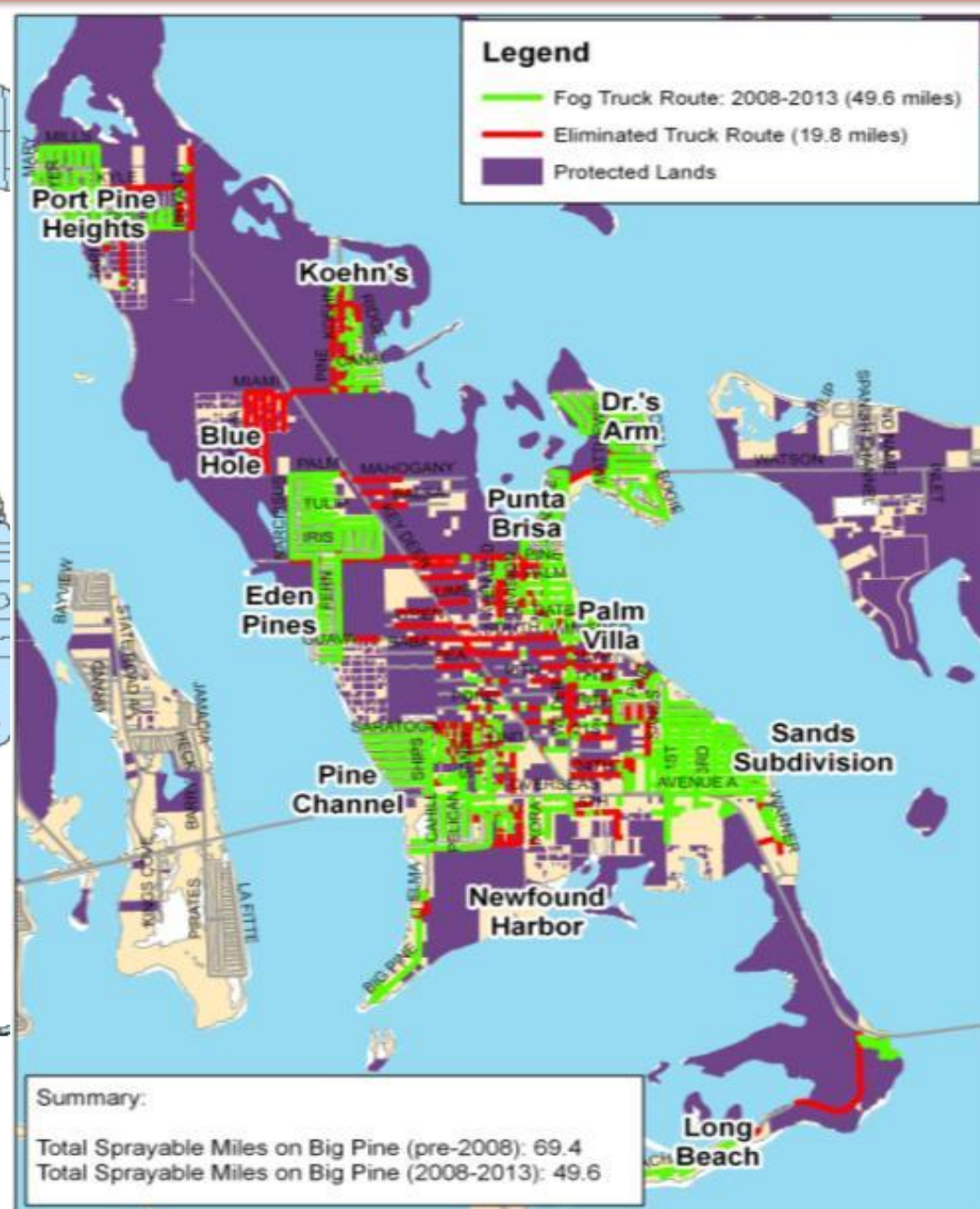
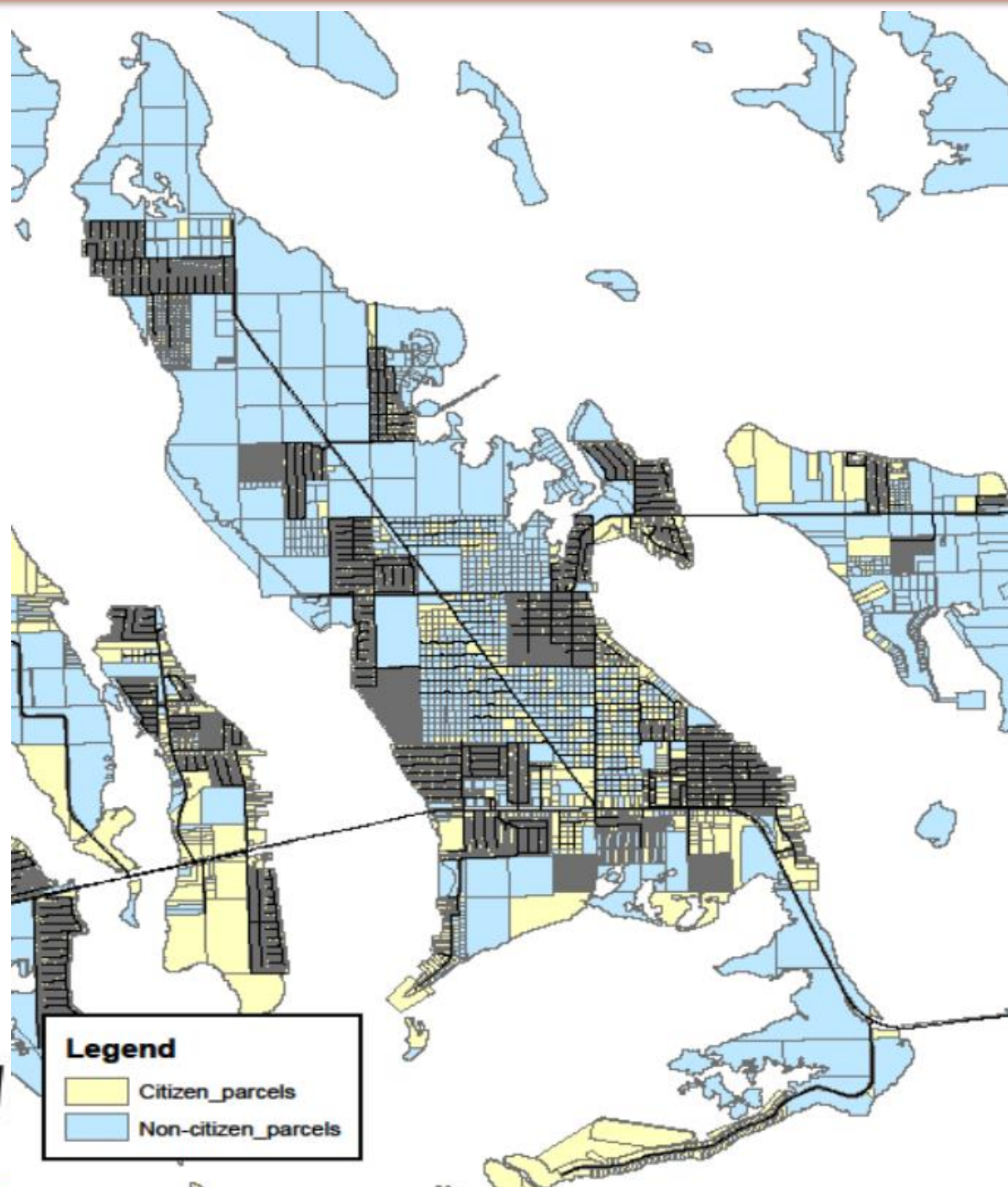


■ No Adulticide Areas
— U.S. 1 Highway

Great White Heron NWR and National Key Deer Refuge



■ U.S. Fish & Wildlife Property
— U.S. 1 Highway

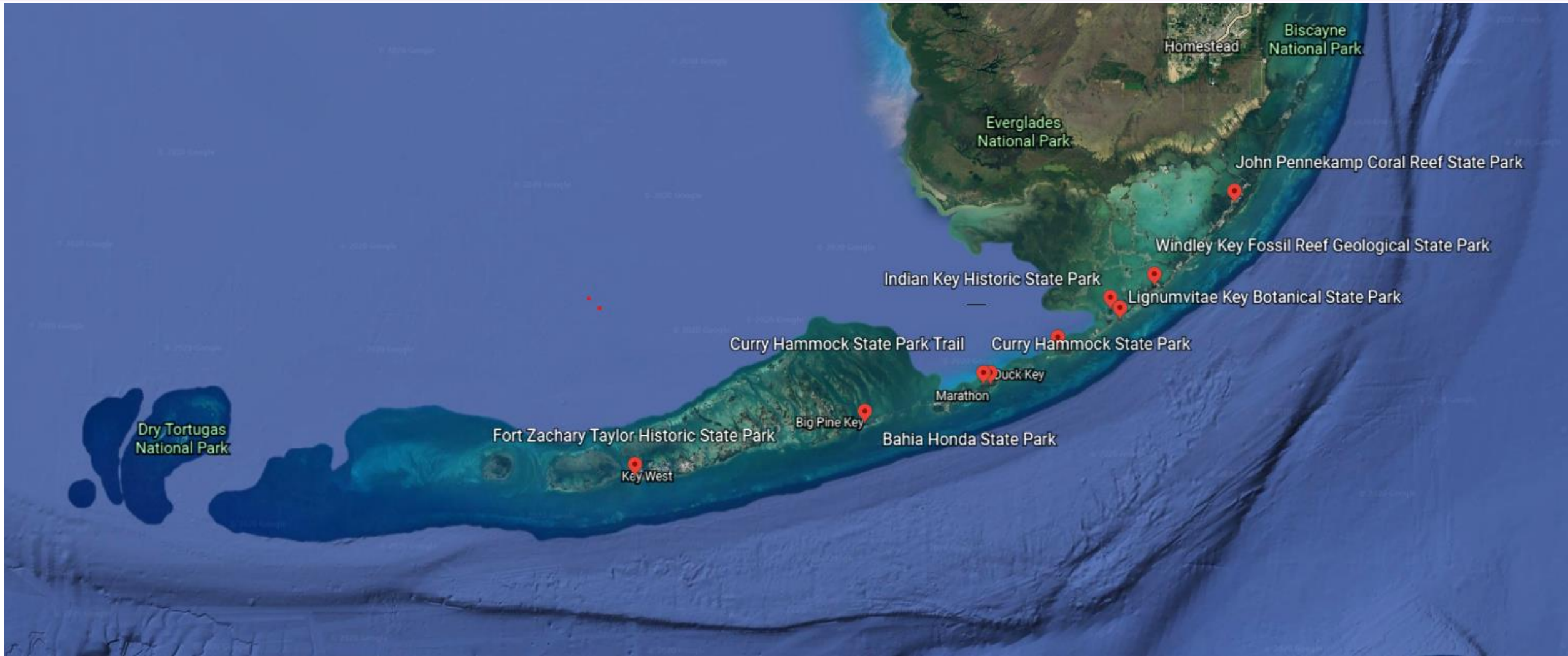


Lower Keys

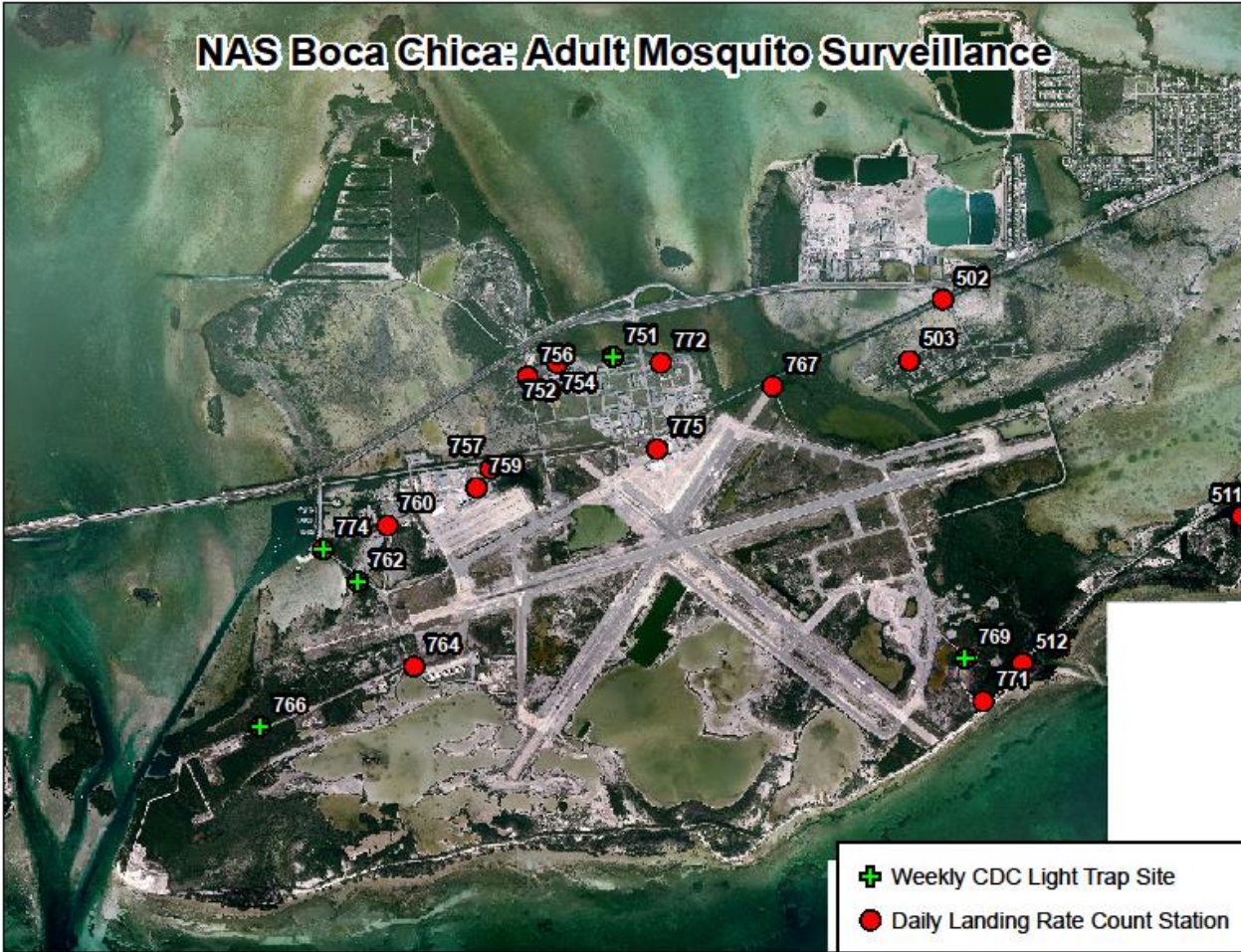


Lower Keys

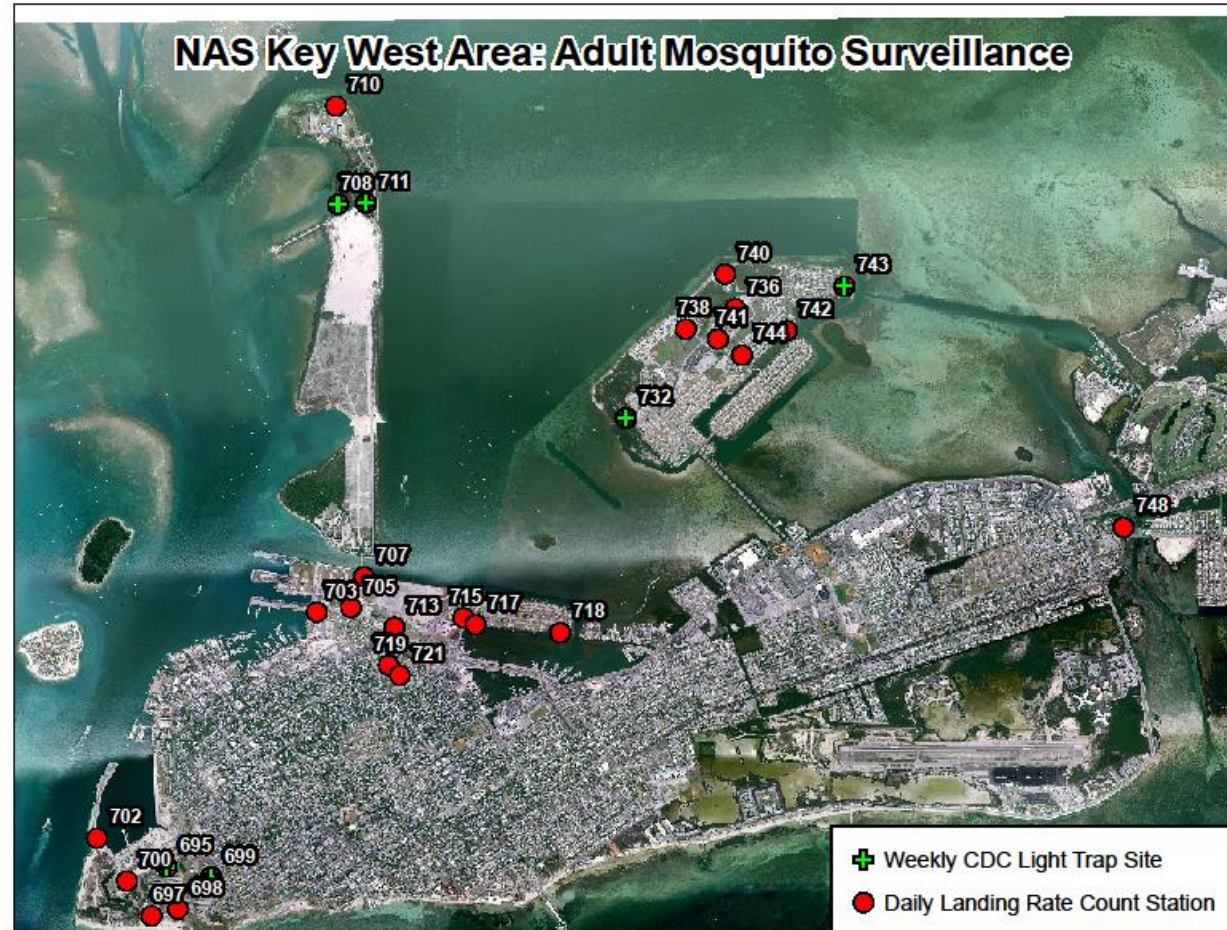




NAS Boca Chica: Adult Mosquito Surveillance



NAS Key West Area: Adult Mosquito Surveillance



Diverse Operations throughout the keys



Urbanized



Large Mangrove Sites



**Lower, Middle, and Upper Keys Neighborhoods
(combination)**



- 32 Field Inspectors throughout the keys
- 4 Offshore Technician
- 4 Research Entomologists or Biologists
 - 3 Surveillance Technicians



FieldSeeker[®] GIS

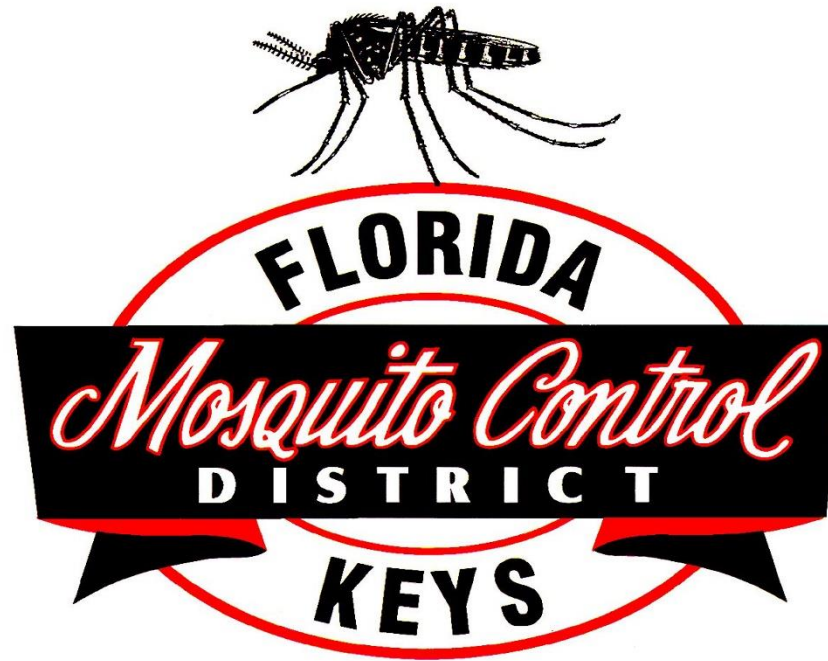
for Mosquito Control 



Part 2: Josh Kogut, Director of Aerial Operations

Discussing Diverse Aerial Response Methods





Real time aerial response methods and tools utilized by the Florida Keys Mosquito Control District.



Overview

- **Diverse operations due to multiple geographic locations**
- **Typical summer day for FKMCD Aerial Department**
- **Technological advancements and tools utilized in response to active monitoring by Ground Operations**
- **Aircraft Product loading systems**





- Average Summer Day, No Offshore
- 2 Aircraft
- 800 Acres



- Summer Day with Off Shore, 3 Aircraft
- 2100 Acres



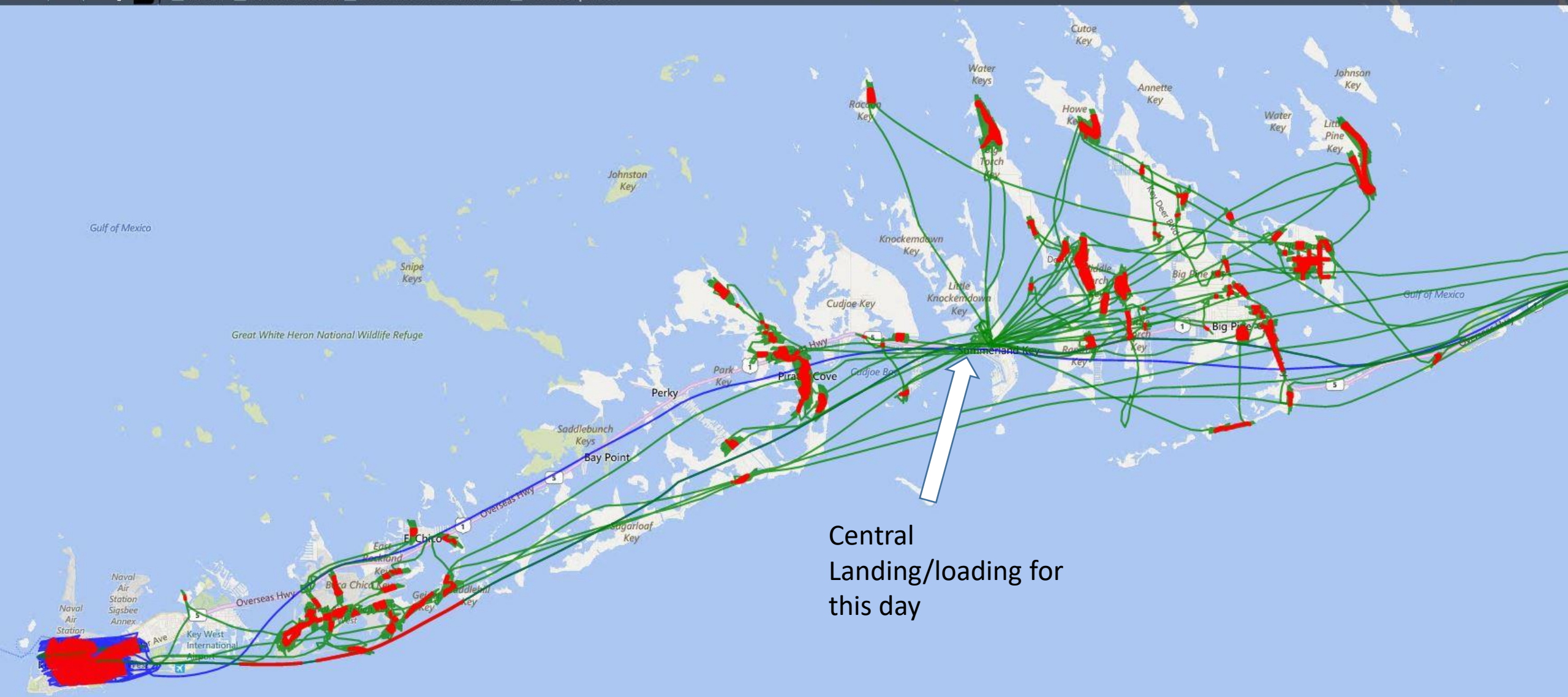
TECHNOLOGICAL ADVANCEMENTS



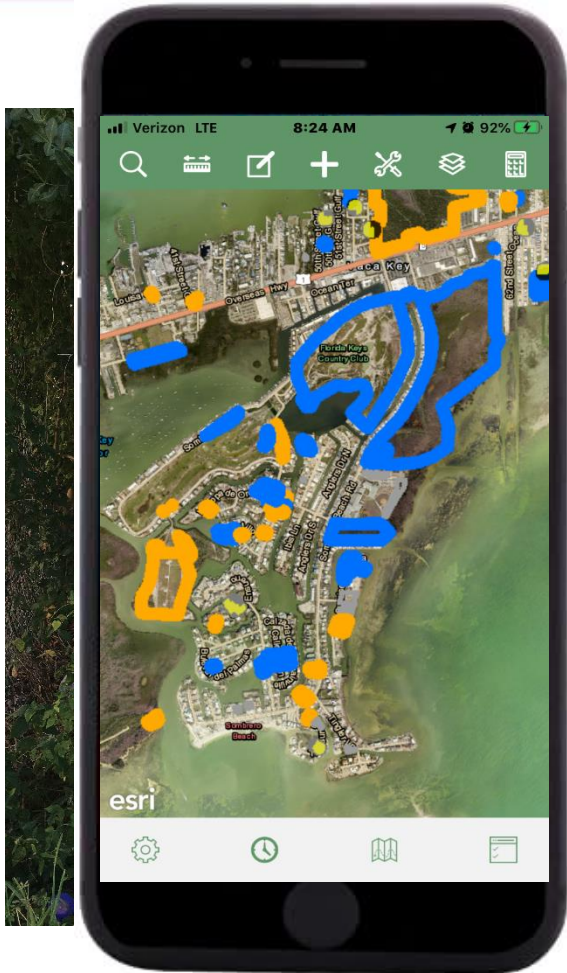
**ACTIVE FLIGHT FOLLOWING
and
WIRELESS REMOTE DATA TRANSFER**
**Two Systems Currently used to assist in the
efficiency of operations:**

- **AGNAV Navtracker**
- **Spidertracks Real Time Aircraft Tracking**

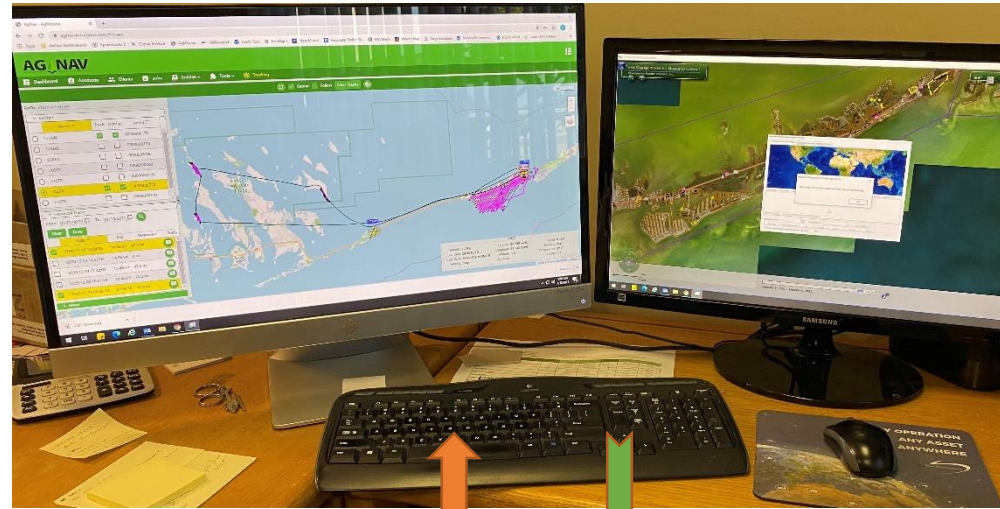




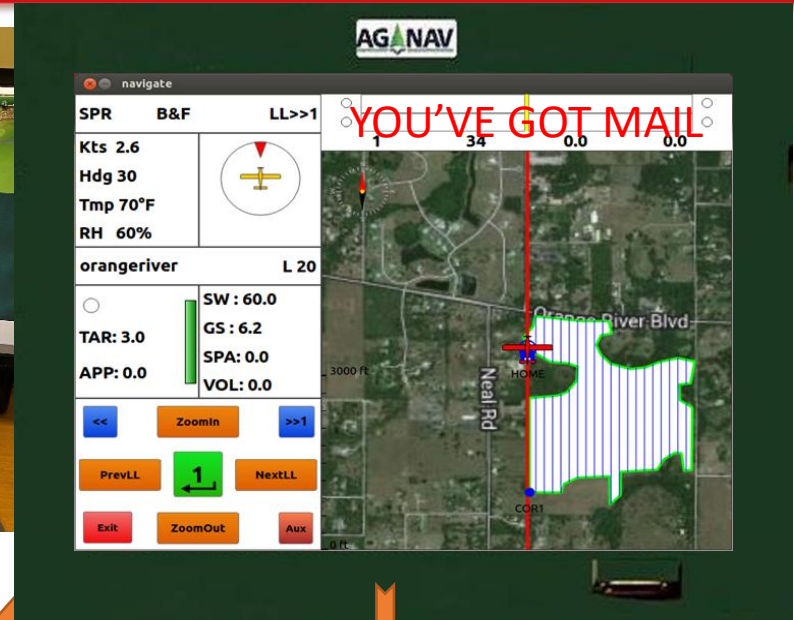
Central
Landing/loading for
this day



Field Inspector



Flight Follower



New Spray Area



Cell Antenna



ADD ONS TO AIRCRAFT REAL TIME via FS



ACTIVE FLIGHT FOLLOWING

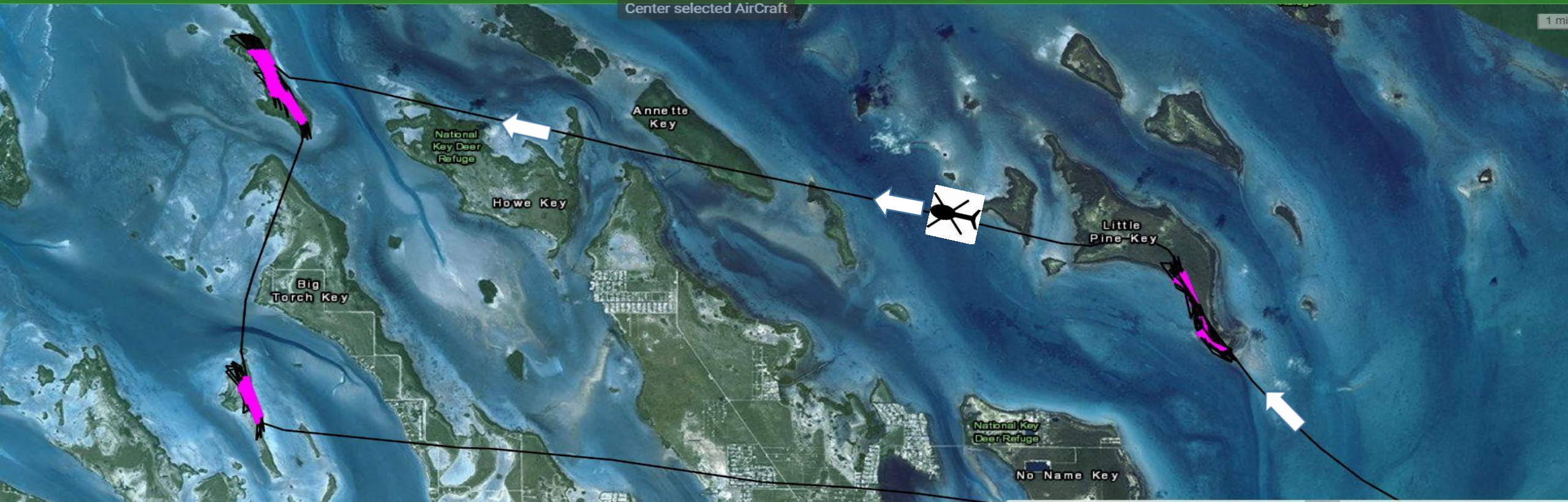
AGNAV TRACKERNAV



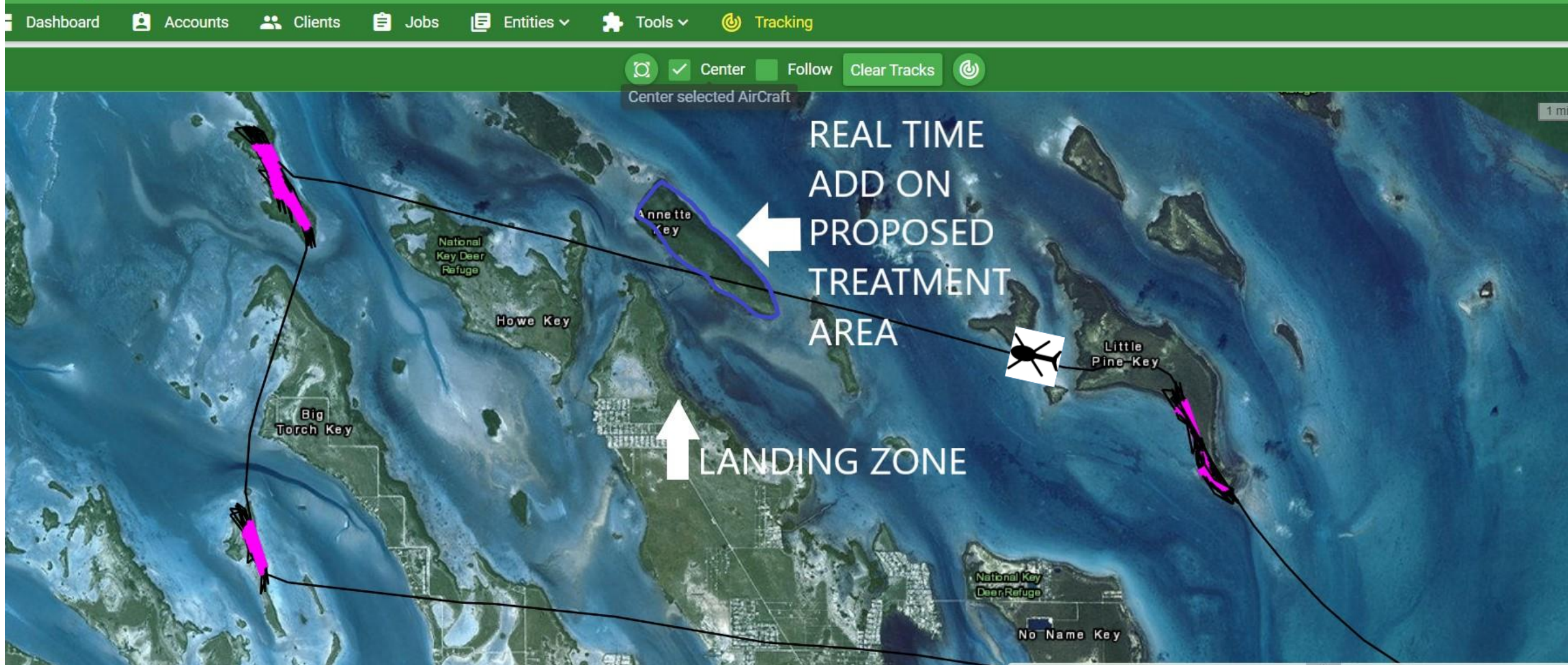
Dashboard Accounts Clients Jobs Entities Tools Tracking

Center Follow Clear Tracks

Center selected Aircraft



REAL TIME PROPOSED TREATMENT AREA



AUTOLOADER OPERATIONS VS HANDLOADING



Loading Prior to AUTO LOADER



Present Day Loading Operations



THANK YOU FOR YOUR TIME

