**MPAS Development as of November 15, 2024**

**Software:**

**What's Changed**

* **Admin Account:** Added agency information in Vessel list
* **Admin Account:** Added agency information in Vessel View
* **Admin Account:** Added en-route/standby status in Vessel View
* **Admin Account:** Enable changing en-route/standby status by clicking
* **Admin Account:** Added confirmation dialog before changing en-route/standby status
* **Admin Account:** Added private/public audience of the vessel in Vessel View
* **Admin Account:** Enable changing private/public audience by clicking
* **Admin Account:** Added confirmation dialog before changing private/public audience
* **Admin Account:** Allow only numbers when adding/editing latitude and longitude in vessel
* **Admin Account:** Added loading screen when signing-In
* **Admin Account:** Added loading screen when signing-Out

**Changelog Images**:  https://drive.google.com/drive/folders/1DHyD3T5zli6JeGRrjKIY9xou29ExRGiU?usp=sharing

**Why does this matter?**

With this upgrade, users may now determine if a vessel is traveling or not, particularly if it is a passenger ship. These improvements offer two primary advantages to the user:

1. Public vessels that could be used for travel in an emergency or for private use.

2. To determine whether or not the passenger ship you ride is en-route or not.

**Hardware**:

**What's Changed**

* Testing **SIM800L** transmission:
  1. Sending SMS message – 100% success rate at stationary state.
  2. Sending data to MPAS server through API – 100% success rate at stationary state.
* Testing **LORA** transmission:

1. Sending data to other Lora - 100% success rate at 10 meters maximum distance.

2. Receiving data from other Lora - 100% success rate at 10 meters maximum distance.

* Testing GPS:
  1. Getting GPS Coordinates – 0% or no coordinates received when gps has **NO** antenna.
  2. Getting GPS Coordinates – 100% or coordinates received when gps has antenna.

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