

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.

Contributors:

- Noel Orbong jr.
- Roniel Dela Rosa
- Reyna Jabon
- Mima Gososo