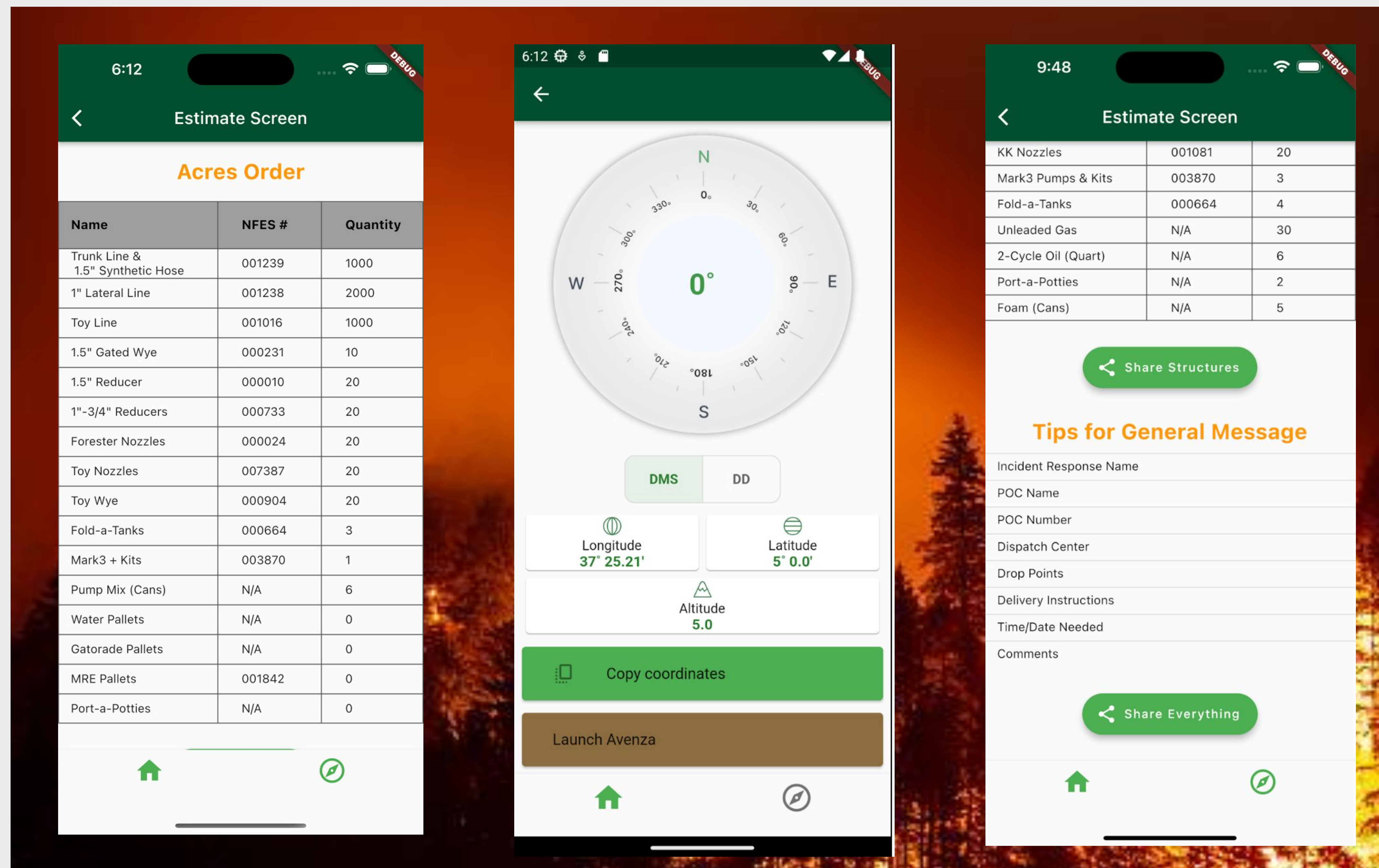## WILDFIRE EQUIPMENT ESTIMATES

· When a new wildfire is reported, responders from wildland firefighting agencies assess the fire and the incident commander assumes responsibility for drafting an estimate of what equipment will be required to combat the blaze.

· The equipment values that are calculated are then sent to the NFES (National Fire Equipment System) cache for fulfillment, along with other pertinent information included in what is called the general message.

· These equipment estimates can be complex and difficult to accurately estimate on the fly. Currently, estimates are calculated by hand in the field, and are prone to mistakes, which leads to increased costs and an increase in response time.

· Our project aims to revolutionize this process by quickly and efficiently generating equipment estimates. What once took hours to calculate can now be done in a matter of seconds with Ops Normal.

OPS NORMAL: INITIAL ATTACK

Increasing the Efficiency of Wildfire Response by Quickly and Accurately Generating Equipment Estimates

USING OPS NORMAL

· Generating an estimate is a simple process that can be done in seconds. First, an engagement is created.

· The engagement represents the incident as a whole, and there can be multiple equipment estimates for each engagement.

· To generate an estimate, list the approx. size of the fire in acres and the number of structures.

· Before the estimate is finalized, each estimated equipment value can be modified in order to accommodate special circumstances. Once complete, the estimate is finalized and can be shared from the device using any mobile sharing option.

COMPASS INTEGRATION

· Ops Normal also features a built-in compass with live data for latitude/longitude (DMS and DD) and altitude, in order to expedite communicating precise location information.

· Location coordinates can be copied directly from the compass and pasted into and correspondence.

· GPS information can also be quickly exported to Avenza Maps with an integrated launch icon within the Compass screen.

OUR MISSION

Improving the speed and accuracy of equipment estimate generation during the initial outbreak of a wildfire, minimizing risk to property, animals, and human lives.