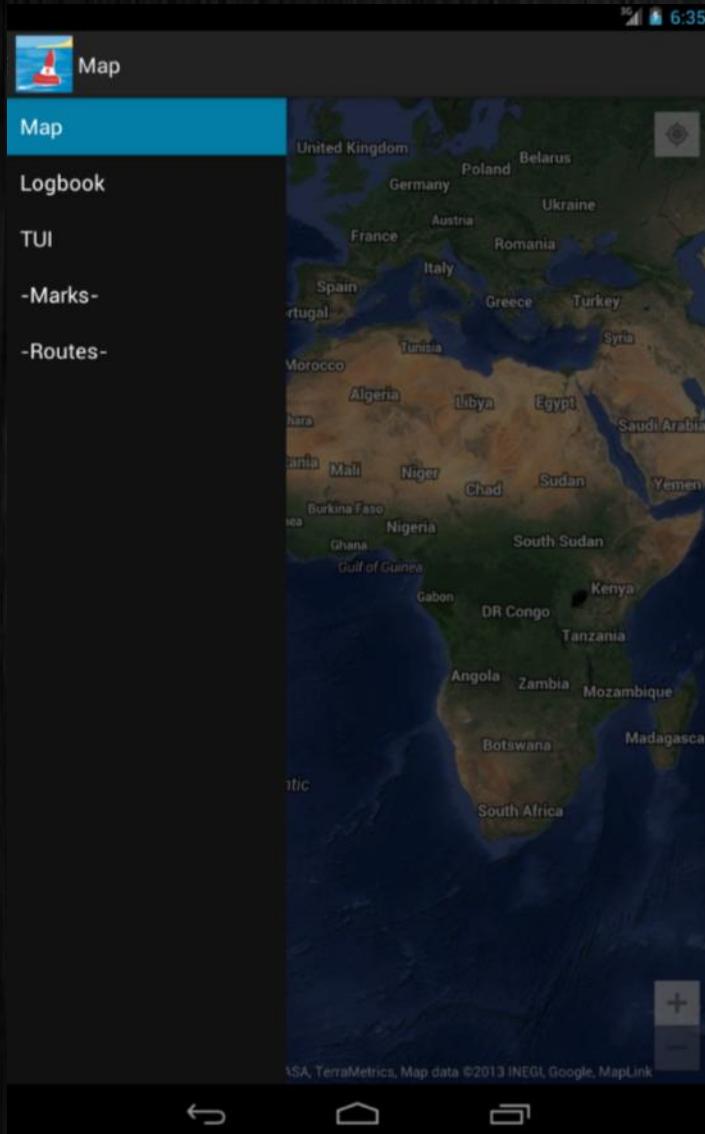




SeaPal

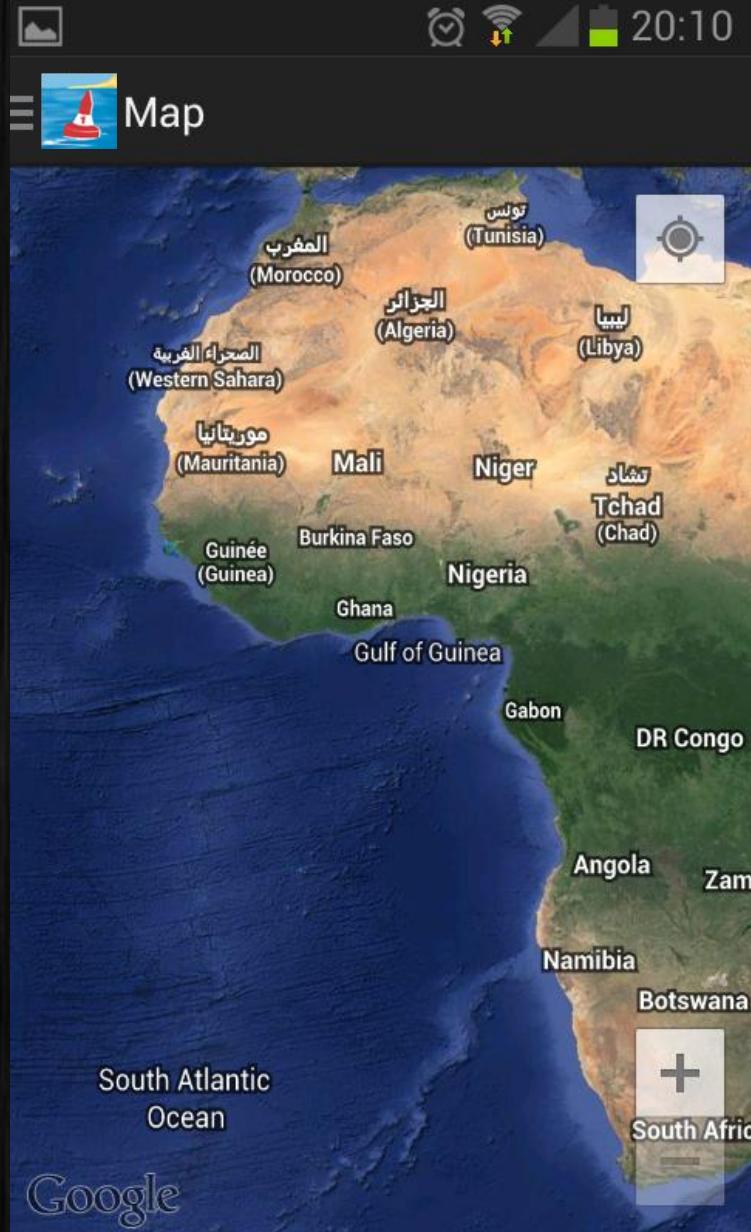
Android App



Drawer Navigation

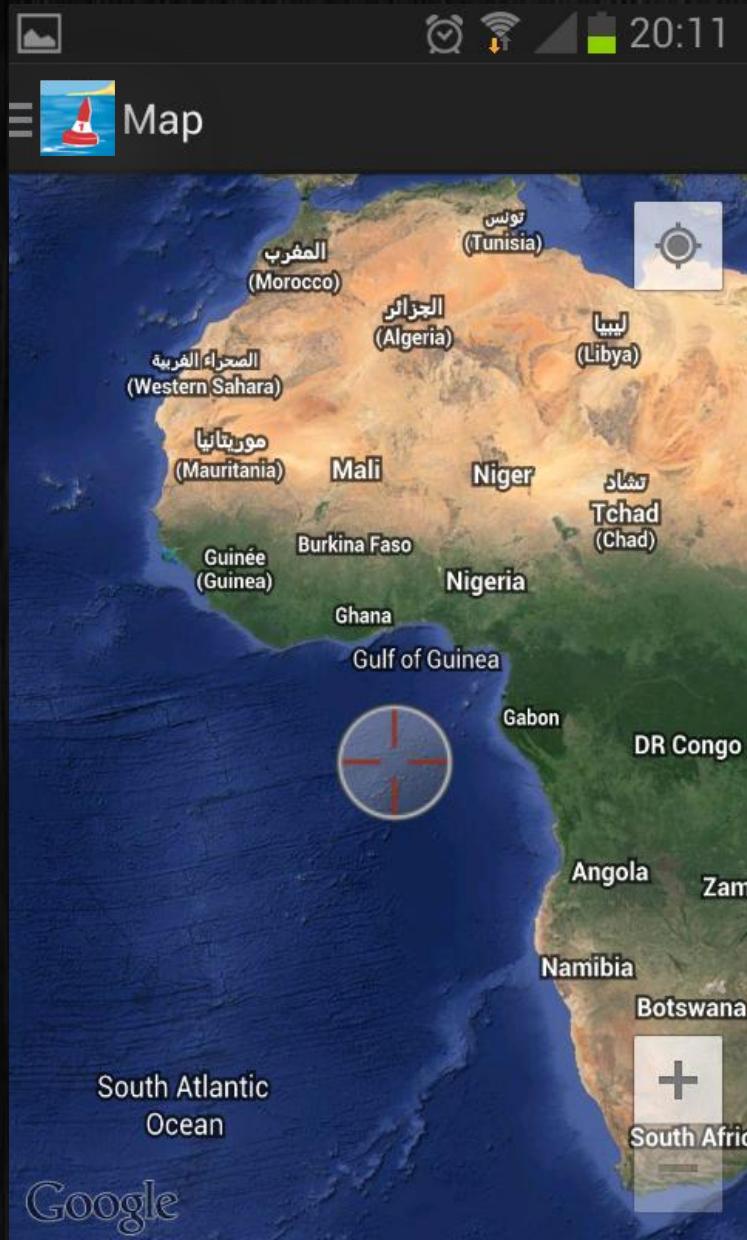
- The Drawer Navigation is accessible from every Activity by swiping from the left or the Up-Navigation
- Provides navigation to the most important Activities (not complete yet)

Map



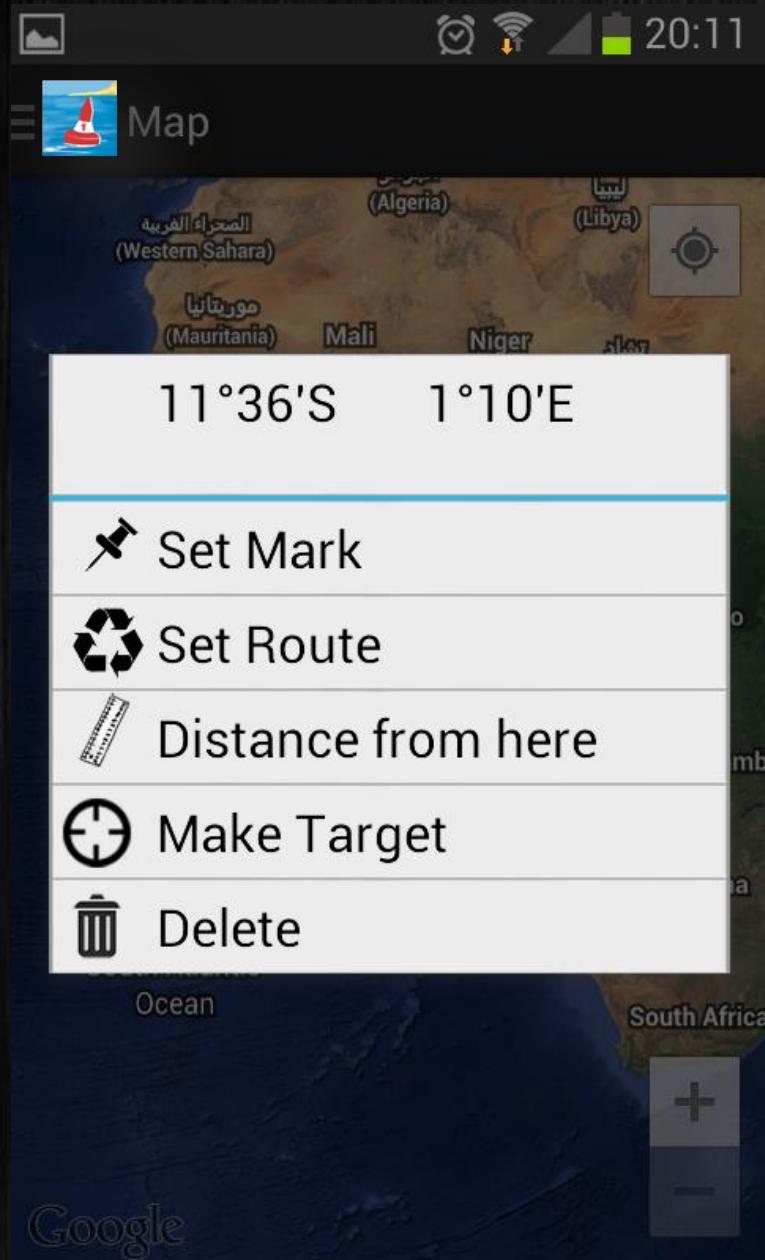
Map

- Startup screen of the map
- Contains zoom and change to current location
- Actionbar with menu on top



Map

- Adding crosshair by longclick on screen



Map

- On click on crosshair opens Dialog
- Location of crosshair
- Standard Seapal operations

(currently operations working: Set Mark, Set Route, Distance from Here and Delete)

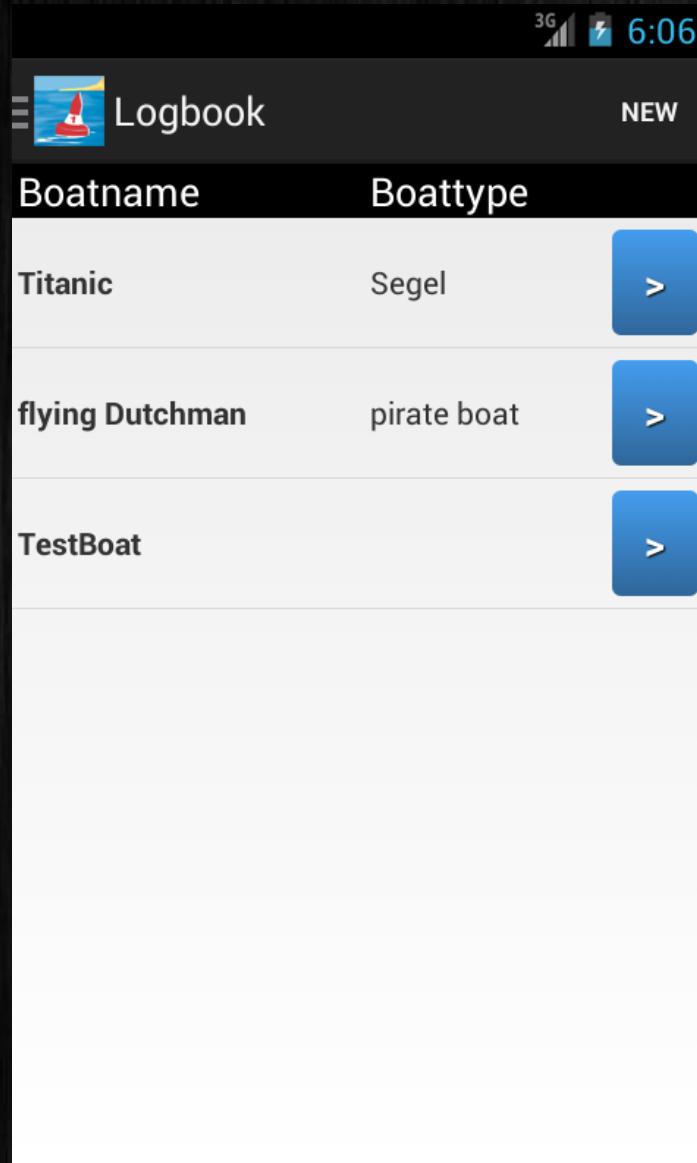


Map

- Seapal Operations on the Map
- Marker
- Red: Set Route
- Yellow: Distance from here
- Toast showing distance

Logbook

Smarthphone



Boat

- Portrait
- List Fragment
- Because of the small Display only “Boatname” and “Boattype are visible

Boat

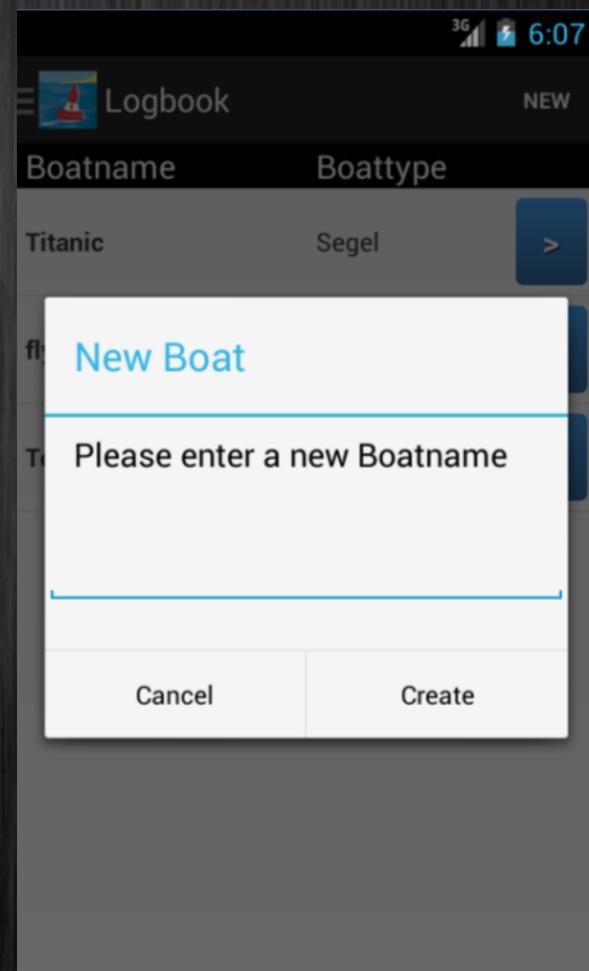
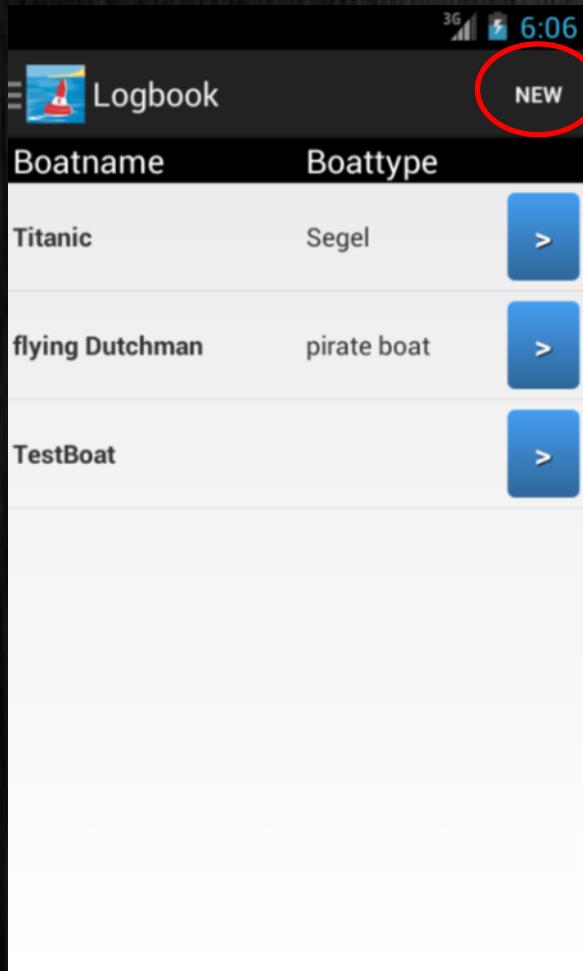
The screenshot shows a mobile application interface titled "Logbook". At the top right, there are icons for signal strength, battery level, and the time "6:06". Below the title, there is a "NEW" badge. The main area displays a table with four columns: "Boatname", "Boattype", "Constructor", and "Owner". There are three rows of data:

Boatname	Boattype	Constructor	Owner
Titanic	Segel	-	>
flying Dutchman	pirate boat	German boats	>
TestBoat		-	>

- **Landscape**
- **Layout change dynamically**
- **More information about the boats**

Boat

- Press “NEW” to get PopUp Window



Boat

- Click on a ListItem to get boat details
- You can *edit* and *delete* a boat in the details view

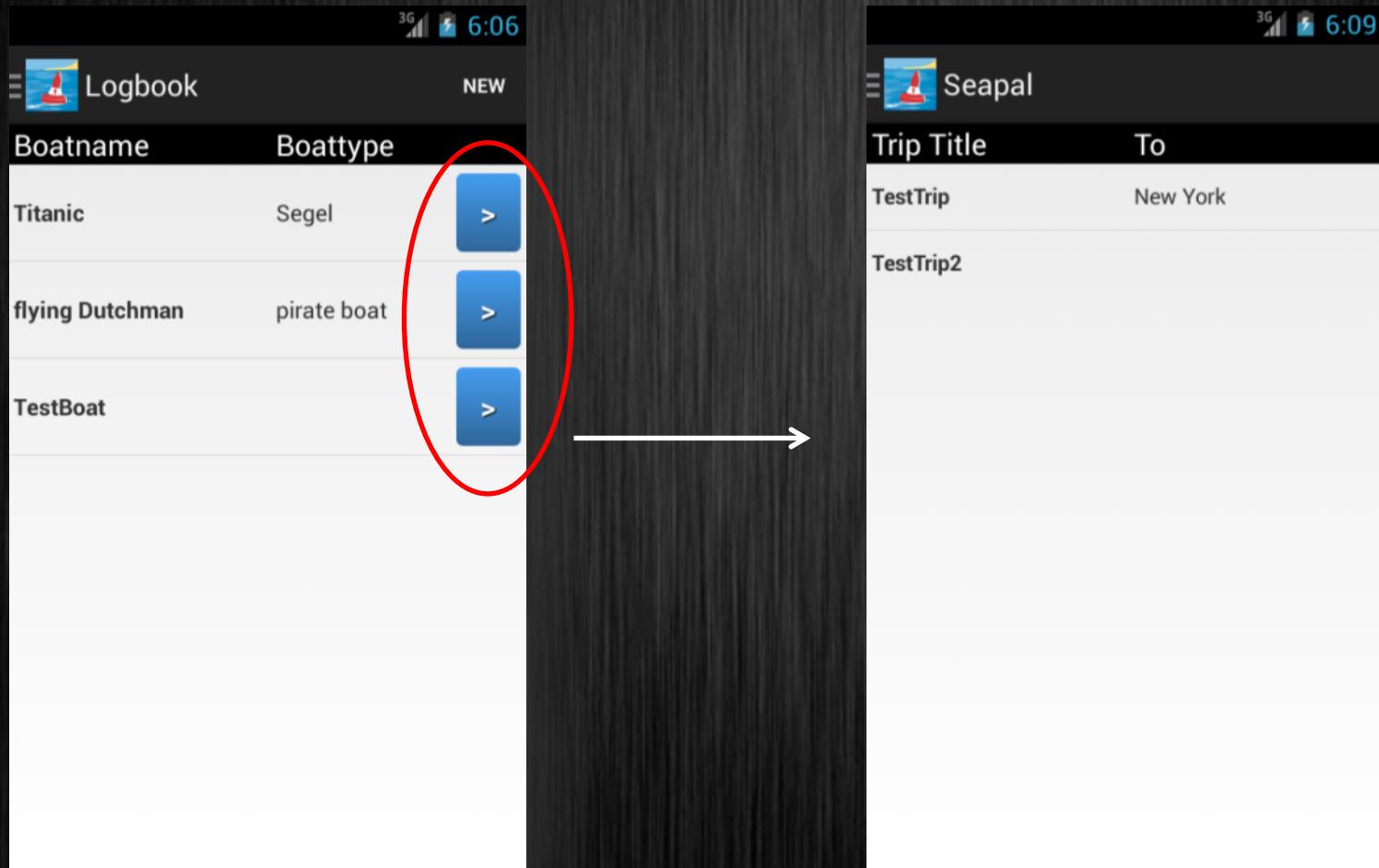
The diagram illustrates the flow from a list view to a detail view. On the left, a screenshot of a mobile application shows a list of boats. The second item, "flying Dutchman", is highlighted with a blue background and has a red arrow pointing to it. A large white arrow points from this list item to the right side of the diagram. On the right, a screenshot of the same application shows the detailed view for the selected boat. The "flying Dutchman" entry is displayed with various fields like Boatname, Type, Production Year, etc. At the top right of this screen, there are "SAVE" and "DELETE" buttons, which are circled in red.

Boatname	Boattype
Titanic	Segel
flying Dutchman	pirate boat
TestBoat	

Boatname	Type	Production Year	Register NR	Constructor	Engine	Sail sign	Length	Tank Size	Home Port	Width	Watertank Size	Yachtclub	Draft
flying Dutchman	pirate boat	0		German boats			0.0	0.0		0.0	0.0		0.0

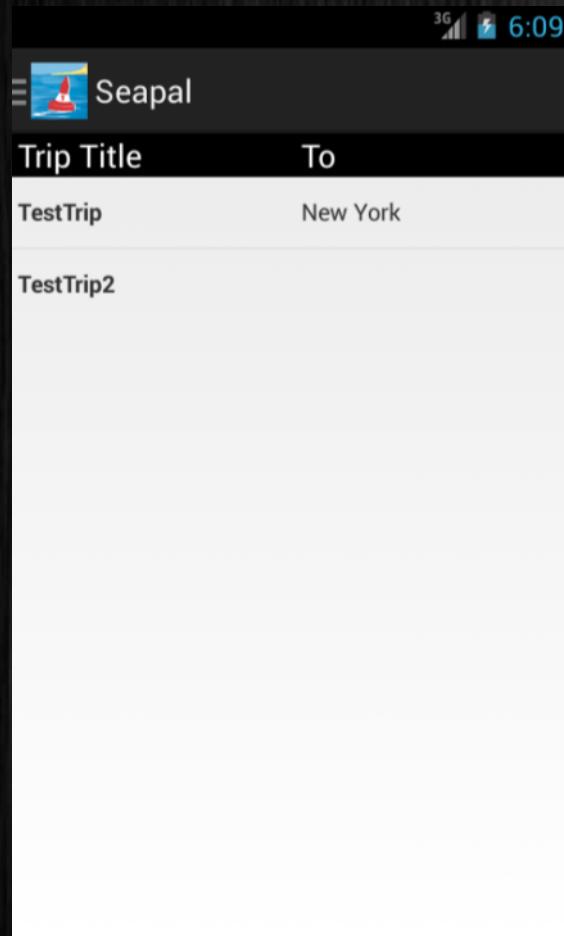
Boat -> Trip

- Press this button to start the TripListActivity



Trip

Portrait



- No Options
- Create a Trip with Tracking

Landscape

A screenshot of the same mobile application interface in landscape mode. The header bar at the top includes signal strength, battery level, and the time (6:09). Below the header is the Seapal logo. The main content area displays the same two trips in a table format:

Trip Title	Start	From	To
TestTrip	1970/01/01 12:00	Liverpool	New York
TestTrip2	1970/01/01 12:00		

Logbook

Tablet

Boat

- List + Detail Fragment
- “save”, “delete” and “new” Option

The screenshot shows a mobile application interface for managing boat logs. At the top, there is a header bar with a logo, the title "Logbook", and three buttons: "SAVE", "DELETE", and "NEW". Below the header is a form for entering boat details. The form fields include:

Boatname	flying Dutchman	Type	pirate boat	Production Year	0
Register NR		Constructor	German boats	Engine	
Sail sign		Length	0.0	Tank Size	0.0
Home Port		Width	0.0	Watertank Size	0.0
Yachtclub		Draft	0.0	Wastewater Size	0.0
Owner		Mast Height	0.0	Main Sail Size	0.0
Insurance		Displacement	0.0	Genua Size	0.0
Call Sign		Rig-Kind		Spi Size	0.0

Below the form is a table listing boats. The columns are: Boatname, Boattype, Constructor, Owner, and Length. The rows are:

Boatname	Boattype	Constructor	Owner	Length	
Titanic	Segel	-	0.0	>	
flying Dutchman	pirate boat	German boats	-	0.0	>
TestBoat		-	0.0	>	

Logbook

Boatname flying Dutchman

Type pirate boat

Constructor German boats

Length 0.0

Width 0.0

Draft 0.0

Mast Height 0.0

Displacement 0.0

Rig-Kind

Engine

Watertank Size 0.0

Main Sail Size 0.0

Spi Size 0.0

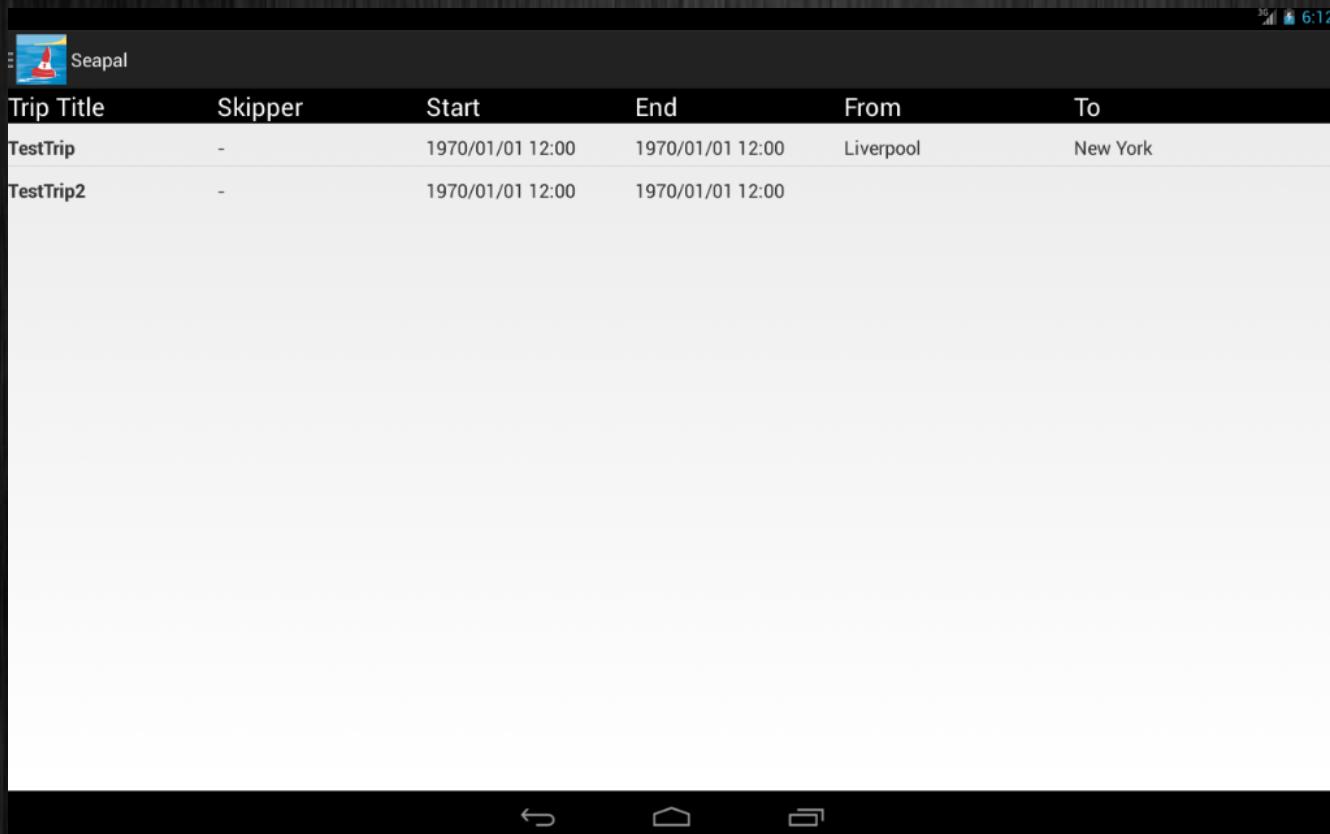
Boatname	Boattype	Constructor	Owner
Titanic	Segel	-	>
flying Dutchman	pirate boat	German boats	->
TestBoat		-	>

Boat

- Tablet-Portrait
- Only 2 table columns

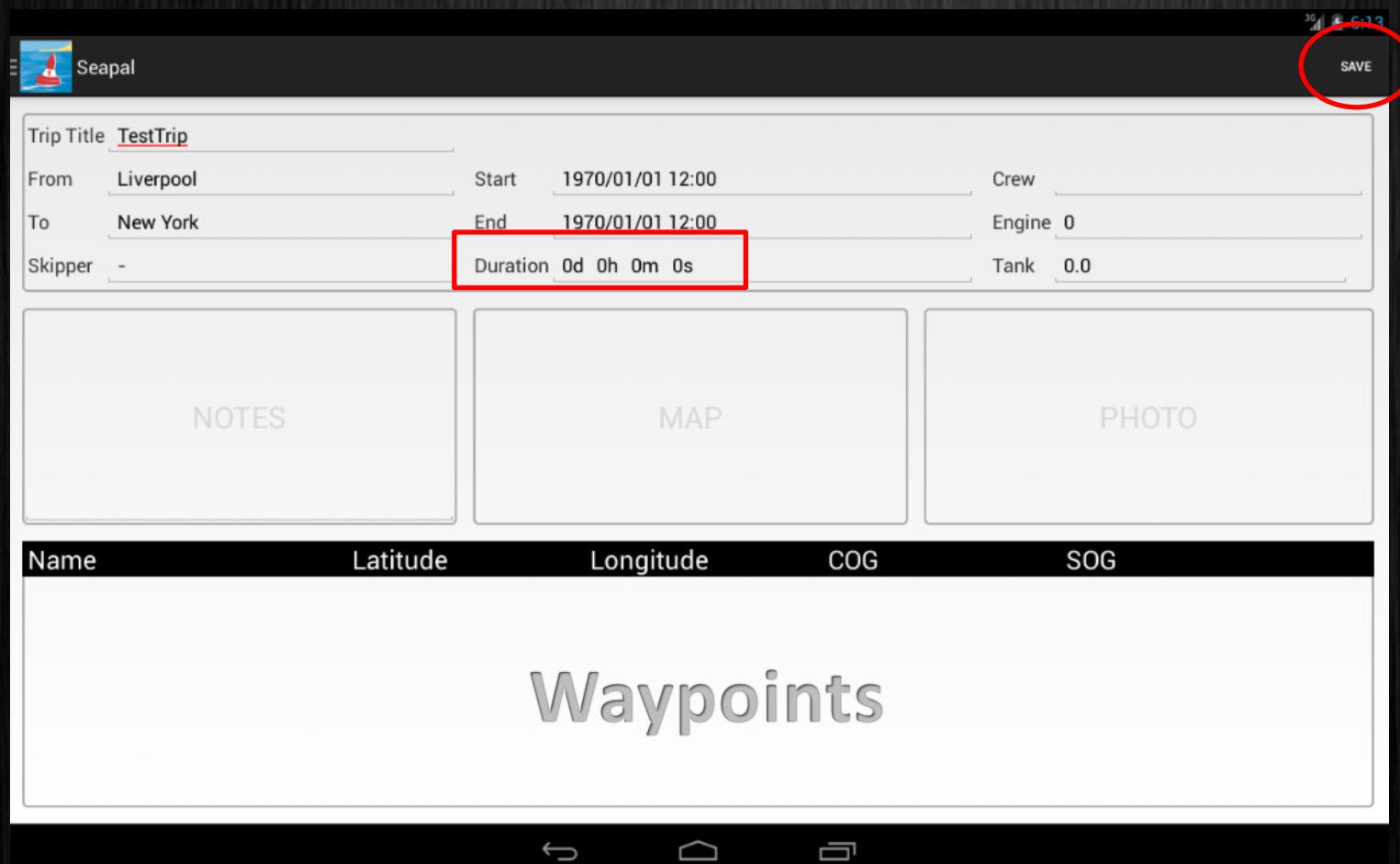
Trip

- TripListActivity



Trip

- TripActivity (still now only on tablet)
- Edit and save a Trip
- Duration will be calculated
- ToDo: Show Waypoints in the ListView



Problems on 4.0.3 Tablets

- The BoatListFragment is transparent. So on older Devices the background is black. On Android 4.2.2 tablets the list background appears normal. If you change this background programmatically, you will see a difference to the main layout.

The screenshot shows a mobile application interface titled "Logbook". At the top, there is a header with a logo of a sailboat, the title "Logbook", and three buttons: "SAVE", "DELETE", and "NEW". Below the header is a form with various input fields:

Boatname	Type	Production Year
Register NR	Constructor	Engine
Sail sign	Length	Tank Size
Home Port	Width	Watertank Size
Yachtclub	Draft	Wastewater Size
Owner	Mast Height	Main Sail Size
Insurance	Displacement	Genua Size
Call Sign	Rig-Kind	Spi Size

Below the form is a table listing boats:

Boatname	Boatype	Constructor	Owner	Length
Titanic	Segel	-	-	0.0
flying Dutchman	pirate boat	German boats	-	0.0
TestBoat		-	-	0.0

Each row in the table has a blue button with a right-pointing arrow icon at the end.

Text UI



Text UI

- For test purposes and to access actions not implemented yet in the GUI
- All actions are accessible with the TUI

TUI Examples

