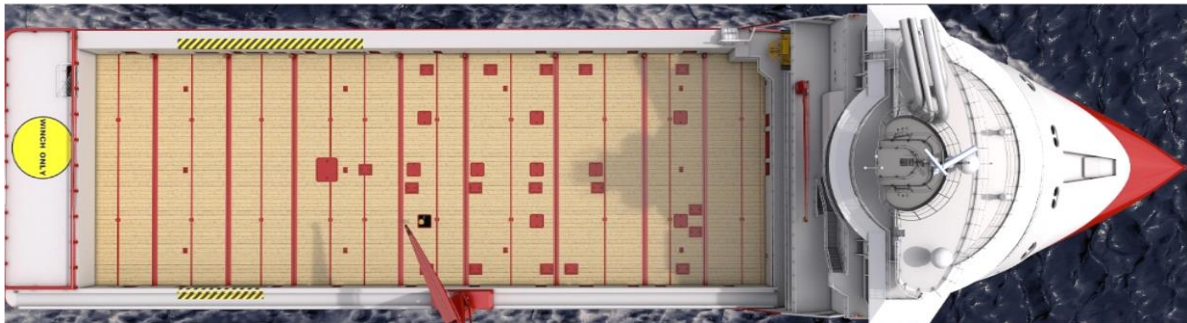


# Pigeon

**Digital load planning solution**  
**Local application for tablet per ship**  
**Shipping management**



## «Pigeon» load planning tool for ships

### Some initial information:

- The company Pigeon AS has through cooperation with Farstad Shipping AS and Kodebyraet AS developed a slim and cost-effective solution to today's options for load planning.
- Pigeon Loader-app:
  - The basic solution is an app (application) that is downloaded to a tablet and is initialized for use for one ship (currently only for Android)
  - Downloadable from Google Play or by getting a file sent to you from Pigeon
- Pigeon Shipowner admin solution
  - Is made available through a cloud-solution (web-solution)
  - The company office will receive superior transparency and sharing of functionality
  - Applicable where several ships in the shipping company will use Pigeon, and/or where
  - Central communication, control- and archive functionality have to be present
- Pigeon Loader-app and Pigeon Shipowner admin solution are both initialized using the English language
- Pigeon AS can (by appointment and in cooperation with Kodebyraet AS) assist with training of resource personnel in the shipping company

### Emergency situations:

- In situation of emergency situation – e.g. ship loss, fire onboard, terror actions, hijacking – quickly access to updated information
- What kind of access to information when whiteboard is wiped out or data collected on computer onboard?
- Independently access to information without being dependent upon operator/customer for gathering of emergency information – without loss of valuable minutes
- Pigeon will enable the management to quickly inform rescue team, fire brigade, police, maritime authorities about; what kind of content, flammable/explosives/toxics, placed where on deck, placed together with what.

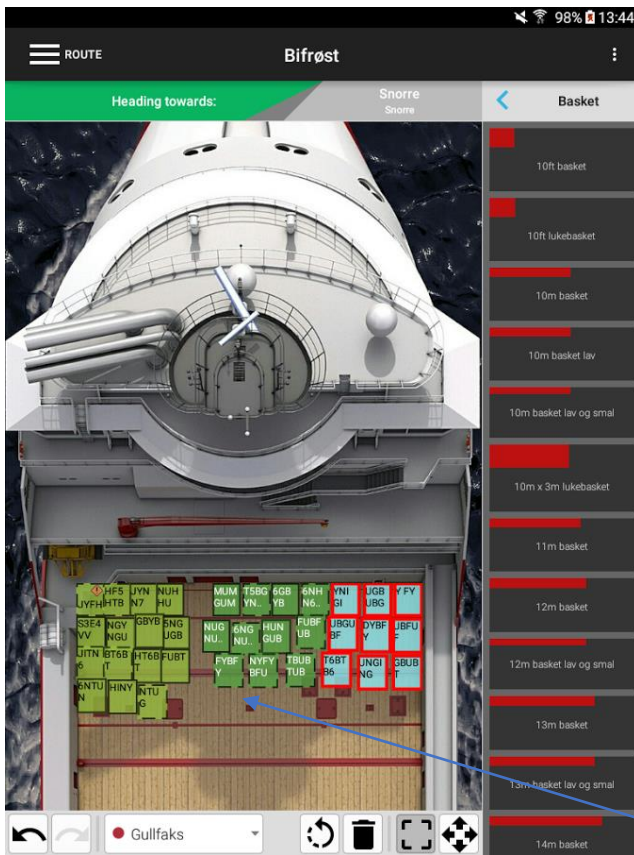
Cover: Illustration photo showing example of work image/template

Which functions are found in the current version – see the list for application and shipowner admin solution:

### **Basic application (app)**

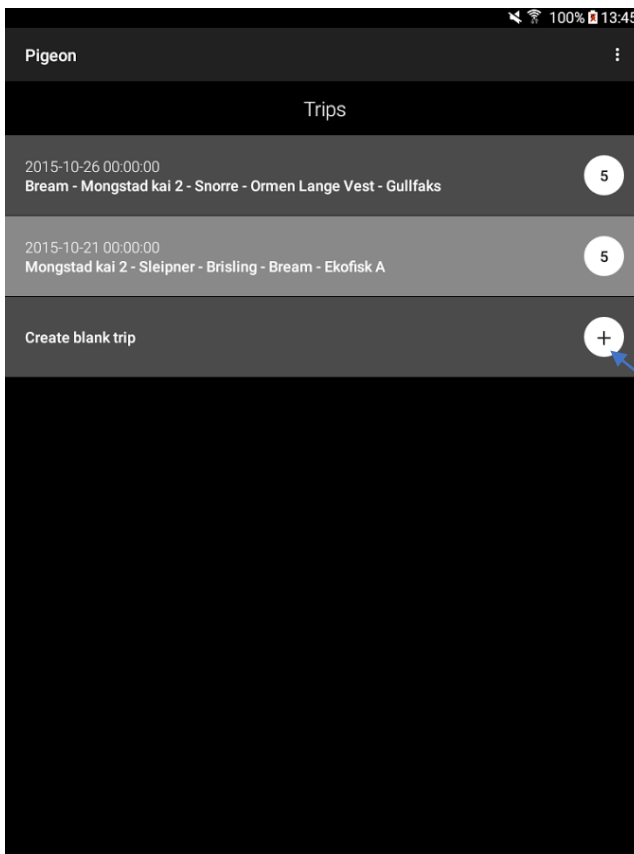
- A. Setup per ship/per app. (template)
  - Ship identification
  - Deck measurements
  - Image of the deck (the loads – see chapter C below, will be scaled relative to this image)
  
- B. Destination parameters
  - Loading port
  - Port of discharge
  - Backload
  
- C. Cargo parameters
  - Cargo-type – with physical dimensions – basic setup based on container specifications from Modex and Swire Oilfield Service
    - Container
    - Container freezer
    - Container refrigerated
    - Basket
    - Various – additions as needed
  - Weight
    - Tara / gross weight / max gross weight
  - Freight classes / hazard classes
    - 1 – 9
    - Subclasses (all that are considered relevant)
  
- D. Data management
  - Save to PDF (by the routine: Open new loading map, the PDF is preserved as a unique file)
  - Print
  - Send via email

Illustration from cargo deck (screenshot from app – the app provides access to the whole deck):



- Main menu of embedded cargo options
- Choose from menu and submenus
- Specify the destination for the current item
- Check that the correct freight class/hazard class has been chosen
- Click, place, adjust to correct placement

- Graphical placement of applicable cargo on deck – color indicates the destination
- Icon indicates e.g. freezer, refrigerator and hazard classes



- Choose new form for new trip/cargo deck
- Save the finished plan as a PDF (will then be given a unique filename)
- Send the cargo loading plan PDF via email to relevant recipients
- Possibility to store documentation

## **Pigeon Shipowner admin solution**

- E. Manage setup
  - Ships and setup – the number of ships that may be associated is virtually unlimited
  - Freight categories (library)
  - Manage users in the shipowner admin solution (on admin level, several people can be logged in at the same time)
  - Read only access can be arranged for individual ships/cargo deck – via link or PDF
  
- F. Read- and change access for each associated app (ships) – however, not all functions in the Pigeon App can be remotely controlled from Pigeon shipowner admin solution.
  
- G. Archive of documentation and solution for deployment
  - Access to downloading PDF from Pigeon app for every ship for centralized storage
  - A list of all the ship's voyages – carried out and planned
  - Sending possibility
    - link from Pigeon shipowner admin solution
    - use of downloaded appendix

## **Hardware requirements**

For the app/aboard the ship: Tablet with Android operating system

For the admin solution: Web/cloud solution using a web browser

## **Extensions/add-on solutions**

If your shipping company wants add-on solutions, we would love to hear from you.

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