

Shipyard Employee Tracking

Situation

Ship manufacturer does not have insight into the location of employees on ship and has no way to know who is on board should a hazard occur.

Objective

As workers move on and off the ship, have RFID readers track the tags on the inside of their helmets to:

- Improve employee safety by having knowledge of who is on the ship at a given time.
- Ability to know what workers were on a ship during a fire or hazard.

Solution



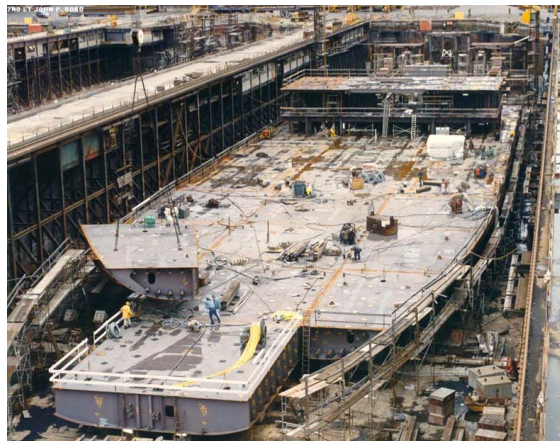
After extensive testing with our Voyantic equipment to ensure high readability, Zebra recommended the PolyE 3100T Gloss labels attached to workers' helmets with BoingTech BT573 inlays.

The solution also included Zebra's RFID fixed readers mounted alongside each of a ship's gangplanks.

Outcome

Improved operations for constructing vessels.

- Administrators can determine how many workers are on board each ship at any given time.
- System can alert when a worker has been on board past their shift end time.
- In the event of fire or other hazard, workers can be identified and removed from ship.



Maximize Your RFID Solution with Zebra Supplies

A successful RFID solution requires a high-performing thermal label and inlay.

- **In-house Manufacturing Capabilities.** Zebra's state of the art presses and RFID manufacturing equipment enables us to meet your RFID supplies needs quickly
- **Testing Capabilities.** With our Voyantic test equipment we can identify the optimal inlay for the surface being labeled to ensure maximum read ranges.
- **The Right Solution for Your Use Case.** With over 300 certified combinations of labels, tags and ribbons, and access to inlays from leading providers, we can deliver the optimal solution to meet your requirements.
- **Reliable Consistency:** The same material used from order to order results in consistent print and adhesive performance every time.
- **RFID Solution Expertise:** Designed and testing with RFID readers and printers, Zebra can recommend the labeling solution that optimizes the performance of your RFID solution.

For More Information

Contact your Zebra Partner or Sales Representative.