



Halifax Shipyard, Halifax, NS

The Halifax Shipyard Limited is a Canadian shipbuilding company located in Halifax, Nova Scotia. Founded in 1889, it is today a wholly owned subsidiary of Irving Shipbuilding Inc. and is that company's largest ship construction and repair facility.

Products Used

- SC-630T Paging Horn Speaker
- DA-250FH Multichannel Power Amplifier
- EV-20R Sound Repeater



Purpose

It became apparent that the Halifax Shipyard was in need of an upgrade on the buildings mass notification system to ensure intelligible communications with their employees along with improving the broadcasting of shift changes in the manufacturing hall.

Challenges

The vast space of the facility caused many challenges in creating a system that delivered the kind of mass notification required. The high ceiling and machines throughout the building would alter sound fields significantly. The shipyard also wanted a quick turnaround causing TOA and the integrator to work quickly to develop the right solution.

Solution

TOA's experience in designing mass notification solutions for large spaces really helped with the final proposal. By visiting the site and talking to officials at the shipyard and relaying that information to our technical design team, TOA recommended using the multichannel DA-250FH amplifiers to power the over one hundred SC-630T Paging Horn Speaker spread purposely throughout the building. A clear sound field was created for employees to hear announcements.

Feedback

Management at the shipyard chose the TOA proposal over others and quickly agreed to have the equipment installed. After completion and testing the response by the shipyard was all positive, they were happy with improved sound and new system for shift changes.



About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 80 years ago. TOA operates in over 100 countries worldwide, with manufacturing Facilities found in nearly every major market area. These facilities have a reputation for precision design and fabrication, resulting in a Proven track record of TOA product reliability.

TOA Canada Corporation was formed in 1990 as a complete sound solutions provider, specializing in commercial audio, including, Public address, voice communications, voice evacuation and emergency paging requirements. TOA Canada offers complete solutions for all corporate and commercial audio communications and intercom security requirements.