



## Application Note 619DSRI

# OIL RIG CRANE OPERATOR COMMUNICATES TO PLATFORM, MARINE & AIRBAND FROM ONE RADIO

### Customer Profile

- Oil Rig Operator

### Application

- Dynamic switching between differing work groups frequency bands.

### Business Benefits

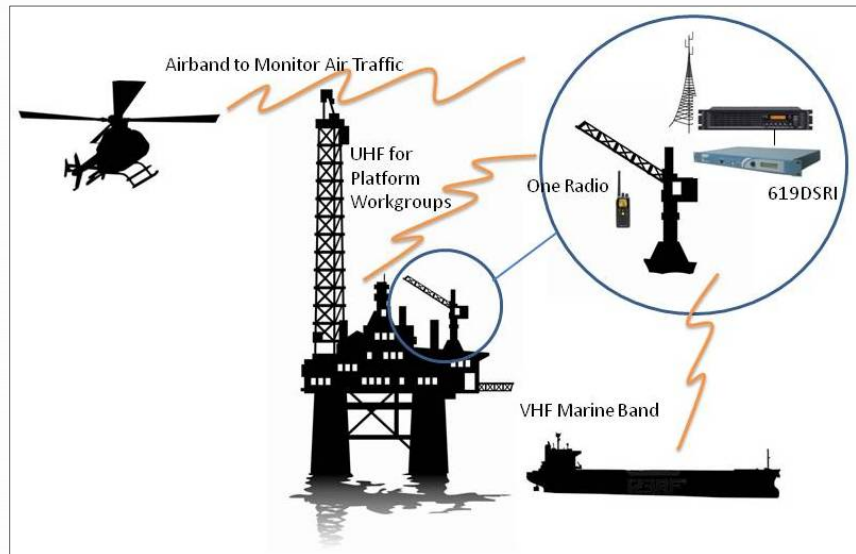
- Less Pressure on Crane Operators
- Reduction in Risk
- Easy to Use
- Flexible
- Cost Saving
- Easily Expandable

### Products Used

- 619DSRI

### ➤ Overview

Crane Operators have arguably one of the most challenging jobs on an Oil Rig. They need to coordinate the demands of a large number of work groups and ensure all work is carried out safely. With so much responsibility, the last thing they want to worry about is which radio to use to talk to which work group. By using the dynamic switching capability of the 619DSRI Audio Bridge, this can now all be done automatically.



### ➤ The Challenge

The challenge is to simplify the oil rig operator's communications task by using one radio for all radio communications needs.

### ➤ Solution

The 619DSRI has the ability to automatically steer voice calls through different paths of a radio network. This enables calls made on one frequency band to be routed to a different band using a single handset. A 619DSRI can be installed in the radio room and connected to one or more base radios. Calls received on one base can then be repeated on the same base or routed to other bases, even bases on different bands. This is usually accomplished by the handset user simply selecting a channel that generates the appropriate private tone that the 619DSRI can interpret and act on.

### ➤ Conclusion

By installing a 619DSRI Audio Bridge, the task of communicating is simplified for crane operators. This improves safety and productivity and reduces cost.

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