



## 16 K-Chief 700

16.14.01 Watch Call Maintenance

**Ref:**  
**Document name:** Installation Manual, Watch Calling System  
**Document nr:** 170125F  
**Document name:** Layout Drawing, CAN Bus Kit side plate  
**Document nr:** 303673

**DMS no:** 1088751

## Objective



- Understand the CAN bus loop used for the Watch Call units
- Know how the CAN bus is connected in the OS, junction boxes and panels
- How to change a unit

## Watch Call Operation



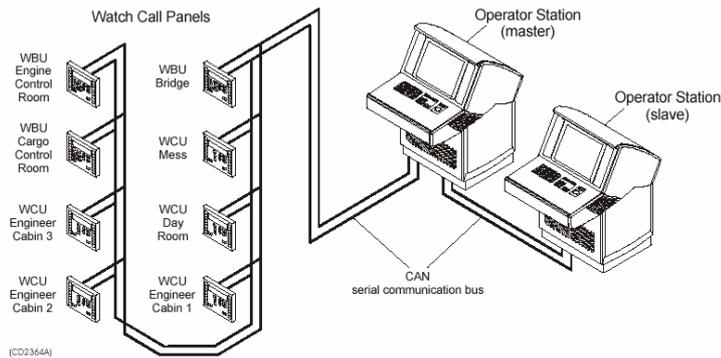
- Operation from ECR OS and CCR OS
- Access Control
- Watch Transfer initiated from ECR OS only.
- Bridge must confirm every Watch Transfer request.
- Engine Officers On Duty from ECR OS only.
- Cargo Officers On Duty from CCR OS.
- Engine Officer On Duty before Bridge Watch Transfer
- No restriction because of unacknowledged alarms

## Signalling between WCS and PS



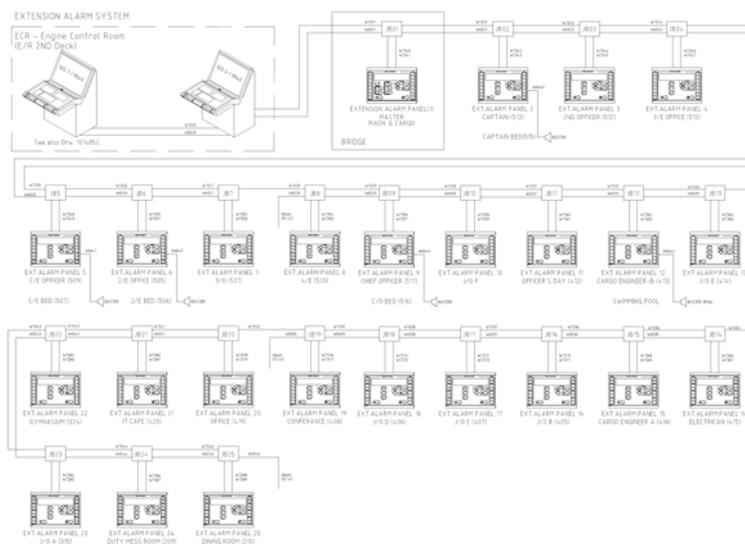
- Dead Man System
- Watch Call System Alarms

# Typical watch call system configuration

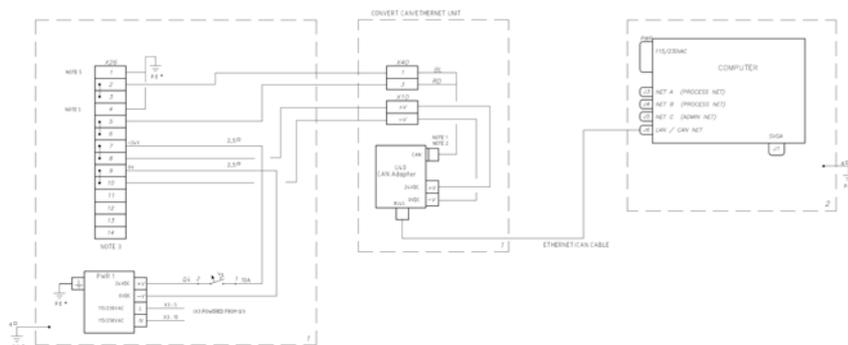


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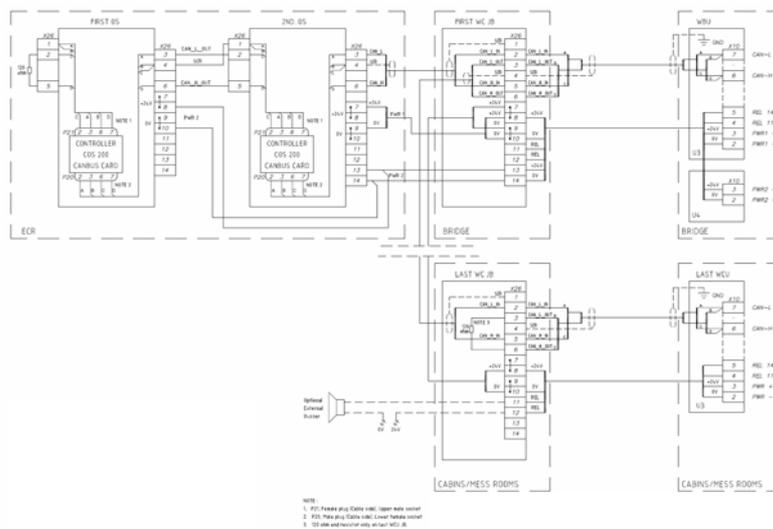
# Cable Layout Example



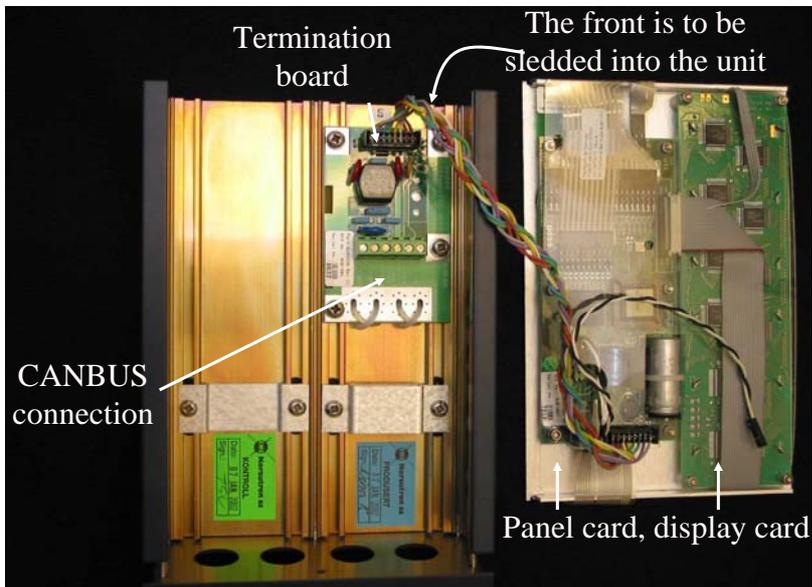
# Computer Configuration with CANBUS



# Wiring Diagram CAN bus



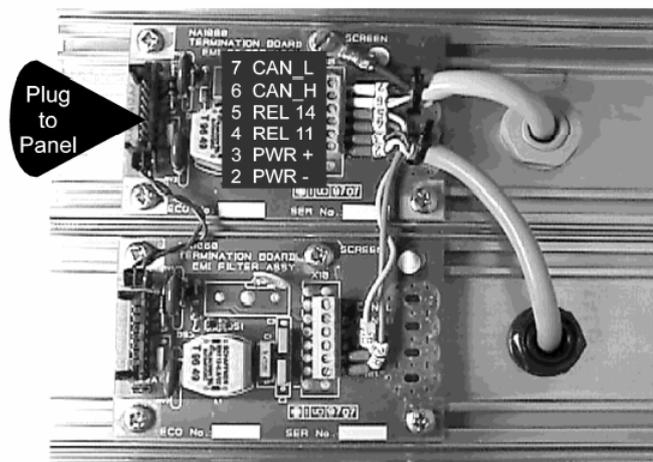
## Watch Cabin Unit



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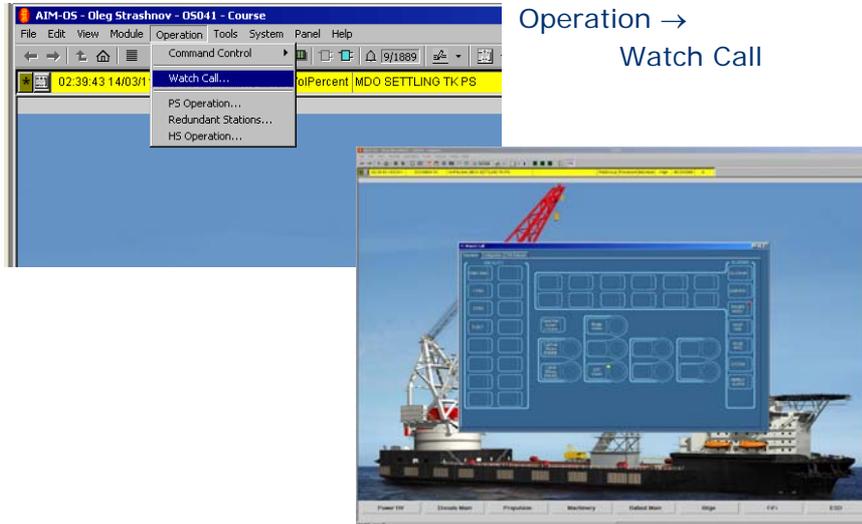
## Termination board in the WBU



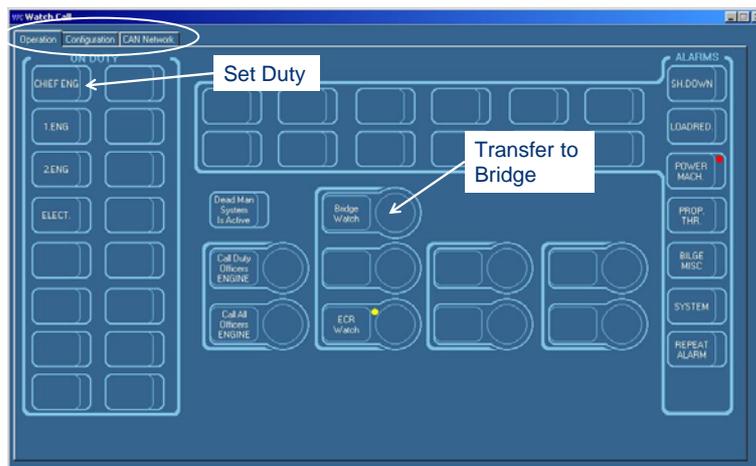
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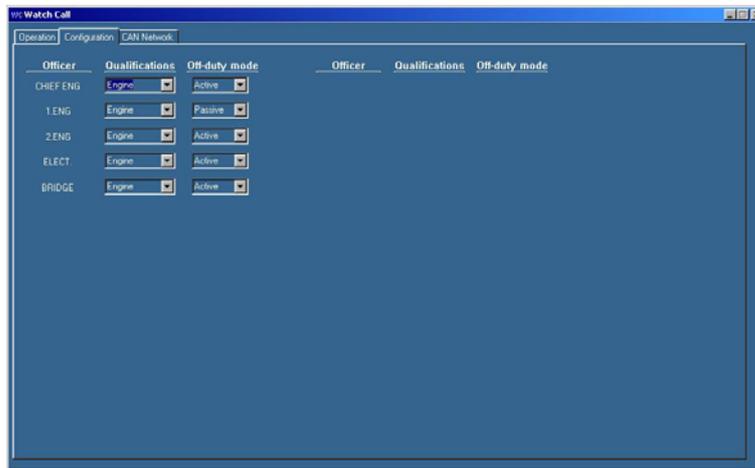
## How to open?



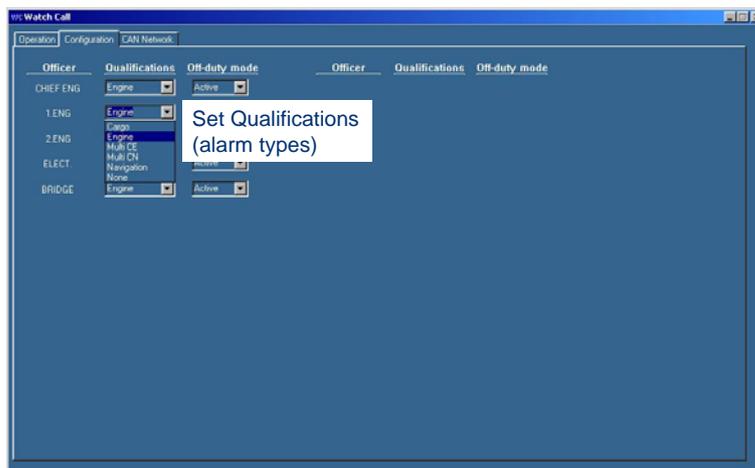
## Operation



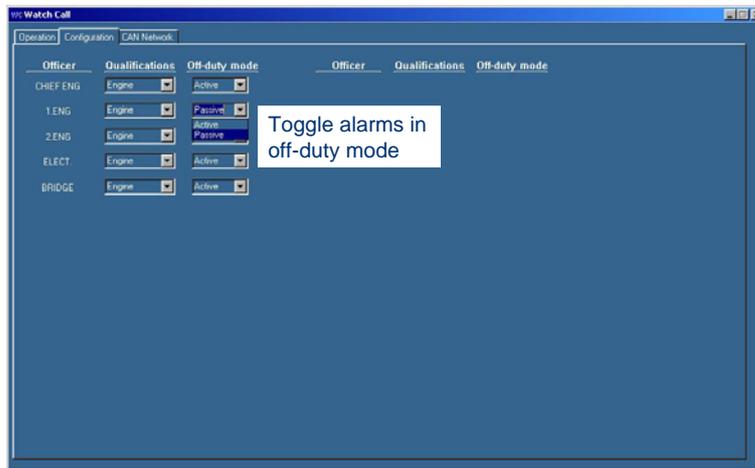
# Configuration



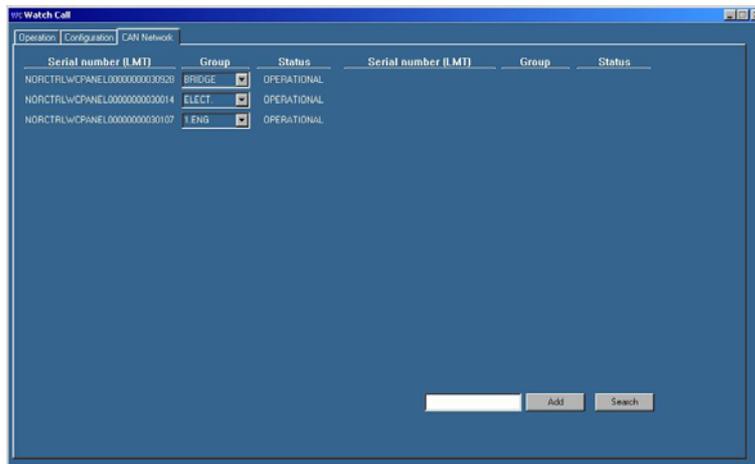
# Set Qualification



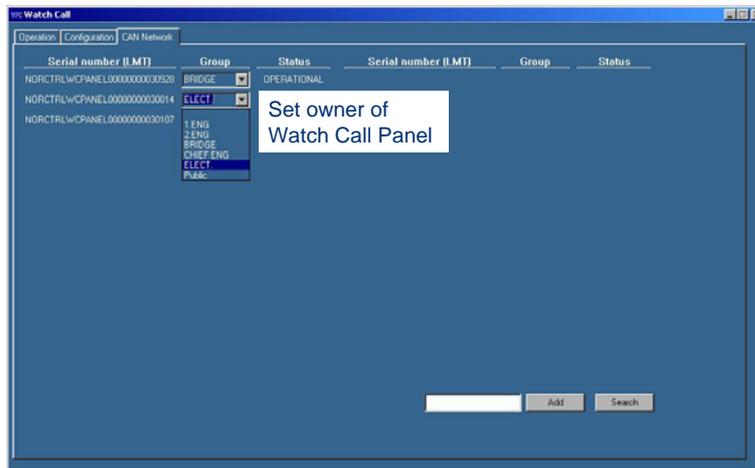
## Off-duty Mode



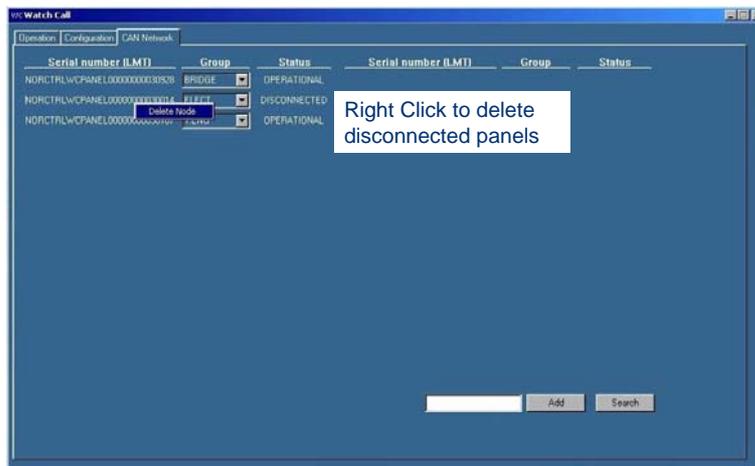
## CAN Network



## Group



## Deleting Panels



## Search



Click Search to find new panels on the CAN network

Serial number (UMT)	Group	Status	Serial number (UMT)	Group	Status
NORCTRLWCPANEL000000000030928	BRIDGE	OPERATIONAL			
NORCTRLWCPANEL000000000030107	ENG	OPERATIONAL			

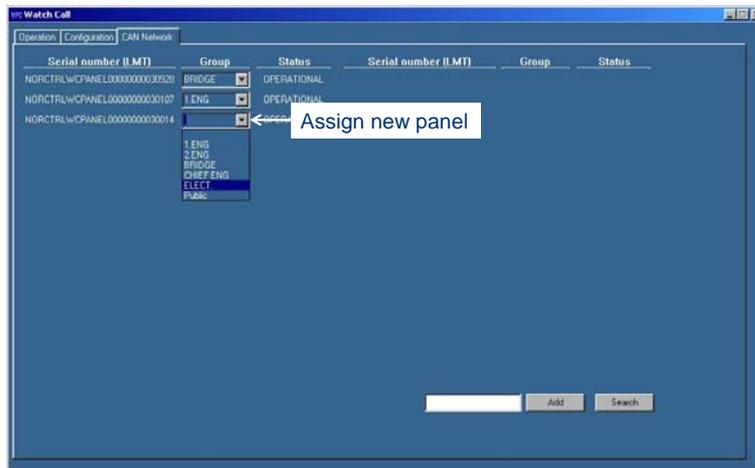
## New Panel Added



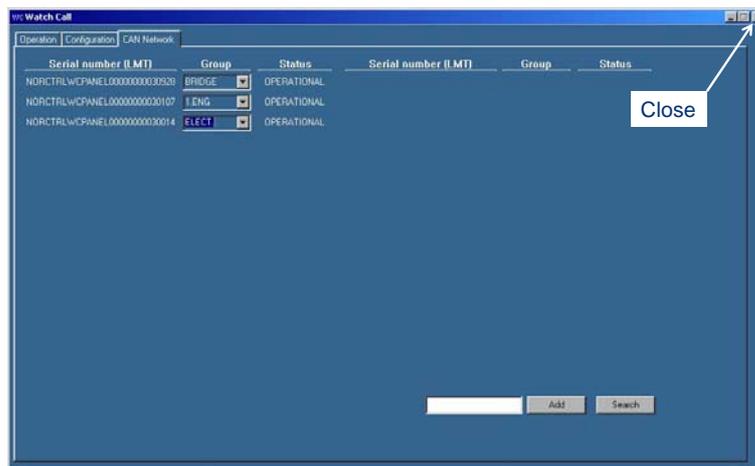
New panel is listed after search

Serial number (UMT)	Group	Status	Serial number (UMT)	Group	Status
NORCTRLWCPANEL000000000030928	BRIDGE	OPERATIONAL			
NORCTRLWCPANEL000000000030107	ENG	OPERATIONAL			
NORCTRLWCPANEL000000000030014		OPERATIONAL			

## Assign to Group



## New Panel Added



## Exercise



Exercise: Watch Call Maintenance

## Summary



- Watch Call operation
- Watch Call configuration
- Layout
- Computer configuration, CAN Bus kit.
- Termination board on the panels
- CAN network setup