

## ▶ 3500 Series Machinery Protection System



### 3500 Now with DNV and ClassNK Maritime Approvals

The propulsion and on-board electric power generating systems on marine vessels (such as LNG tankers) are generally gas turbines but may also include steam turbines or diesel engines. Regardless of the prime mover chosen, these machines are clearly critical to the ship's operation. Bently Nevada is pleased to now offer our 3500 series machinery protection system with both DNV (Det Norske Veritas) and ClassNK (Nippon Kaiji Kyokai) Maritime Certifications, allowing our systems to be installed on-board marine vessels or mobile offshore platforms while meeting these stringent industry-standard certifications. Marine conditions are generally more aggressive than stationary environments, requiring equipment that can meet wide variations in physical vibration, temperature, humidity, electromagnetic, and other environmental conditions. The Maritime Certifications provide users with added confidence that 3500 instrumentation is suitable for such service, as verified by independent certifying agencies. ◊

#### 3500 MODULES WITH MARITIME CERTIFICATION

##### DNV (Det Norske Veritas) certificate number A-8780

- ✦ 3500/05 Rack Chassis
- ✦ 3500/15 AC and DC power supplies
- ✦ 3500/20 Rack Interface Module
- ✦ 3500/22M Rack Interface Module
- ✦ 3500/25 Keyphasor® Module
- ✦ 3500/32 4-channel Relay Module
- ✦ 3500/33 16-channel Relay Module
- ✦ 3500/42M 4-channel Proximitor®/Seismic Monitor
- ✦ 3500/44M Aeroderivative Monitor
- ✦ 3500/53 Overspeed Detection Module
- ✦ 3500/61 6-channel Temperature Monitor
- ✦ 3500/62 Process Variable Monitor
- ✦ 3500/64M Dynamic Pressure Monitor
- ✦ 3500/92 Communications Gateway

##### ClassNK (Nippon Kaiji Kyokai) certificate number A-604

- ✦ 3500/05 Rack Chassis
- ✦ 3500/15 AC and DC power supplies
- ✦ 3500/20 Rack Interface Module
- ✦ 3500/22M Rack Interface Module
- ✦ 3500/25 Keyphasor® Module
- ✦ 3500/32 4-channel Relay Module
- ✦ 3500/33 16-channel Relay Module
- ✦ 3500/42M 4-channel Proximitor®/Seismic Monitor
- ✦ 3500/44M Aeroderivative Monitor
- ✦ 3500/53 Overspeed Detection Module
- ✦ 3500/60 6-channel Temperature Monitor
- ✦ 3500/61 6-channel Temperature Monitor
- ✦ 3500/62 Process Variable Monitor
- ✦ 3500/64M Dynamic Pressure Monitor
- ✦ 3500/92 Communications Gateway