



## NIOZ

Inspection and repair main generator and 4 auxiliary generators – 2016

### Project scope:

- ✓ Inspection main generator
- ✓ Inspection 4 auxiliary generators
- ✓ (Dis)assembly
- ✓ Rewinding
- ✓ Bearing renewal
- ✓ Rebushing
- ✓ Commissioning

NIOZ Royal Netherlands Institute for Sea Research is the national oceanographic institution for the Netherlands. Their mission is to conduct fundamental and frontier applied scientific research on important processes in delta areas, coastal seas and open oceans. NIOZ has 4 research vessels for seagoing research.

### Inspection

Recently, Bakker Repair + Services inspected the main generator and 4 auxiliary generator of NIOZ's flagship the Pelagia. These inspections showed that all generators needed immediate repairing.

### Quick repair of generators

NIOZ needed all generators operational again as soon as possible to meet their sailing schedule. 2 rotors and multiple exciters were disassembled and transported to the workshop of Bakker Repair + Services. All repairs, including rewinding, bearing renewal, and rebushing, were successfully performed in record time.

### Successful commissioning of generators

After finishing the repairs, all rotors and exciters were transported back and installed on board the vessel. After being commissioned successfully, the Pelagia was able to sail out according to schedule.



Do you have any questions?

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