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## Skewed CPP blade 3500 kg, stainless ICE-Class welding repair



### Project details

Categories:	Repair of CPP Blades
Date:	Oct 2016.
Project Object:	Passenger ferry ICE Class stainless steel CPP blade, skewed, 3500 kg.
Project Description:	Damaged CPP blade, stainless, welding repair and excessive wear on flange repair.
Repair Place:	Reneko workshop
Repair Time:	1 Week
Warranty:	Standard service warranty was provided.

### Description of work

ICE Class stainless steel CPP blade was damaged by ice, during the winter navigation in Baltic Sea. When disassembled there was additionally found an excessive wear in place of O-ring seal, on the flange.

Ice damage was welding repaired by following a Class-approved procedure, also a special Post Weld Heat Treatment was done, obligatory required for Cr-stainless steels for the purpose of repair stresses relief and metal structure improvement in welding and Heat Affected Zones area.

CPP blade flange was subjected to repair machining, in order to eliminate wear on O-belt under O-ring seal.

### After sale

CPP blade was delivered to vessel spare stock, ready for operation.

#### Reneko Office

Open hours: Mon – Fri  
08.00-16.30

Tel: (+372) 660 3479

Fax: (+372) 660 3486

e-mail: [reneko@reneko.ee](mailto:reneko@reneko.ee)

#### Managing director/CEO

**Dipl. Ing. Klim  
Kastjushin**

Tel: (+372) 5660 8572

(Est, Rus, Eng)

e-mail: [klim@reneko.ee](mailto:klim@reneko.ee)

#### Technical Supervisor/CTO

**Dipl. Ing. Vjacheslav  
Kastjushin**

Tel: (+372) 509 4119

(Rus)

e-mail: [vk@reneko.ee](mailto:vk@reneko.ee)

#### Workshop Manager

**Roman Bunkov**

Tel: (+372) 5554 4015

(Est, Rus, Eng)

e-mail: [workman@reneko.ee](mailto:workman@reneko.ee)