

Sailing Ship Restauration

| Year: | Client: | Yard: | Class | Man-hours | Scope: |
|-----------|-----------------------------|-----------------------|-------|-----------|---------|
| 2010-2011 | Emigrantskipet Restauration | Ryfylke trebåtbyggeri | | | Replica |

Project description:



Design documentation:

- Photographic 3D scanning
- Lines drawing
- Freeboard Plan
- Evacuation analysis
- Fire and Safety Plan
- Tonnage calculations
- Class drawing
- General arrangement drawing
- Engine room arrangement
- Rudder area documentation
- Followup towards yard and towards Norwegian Maritime Directorate

Steam Ship Turisten

| Year: | Client: | Yard: | Class | Man-hours | Scope: |
|-----------|----------------------|----------------------|-------|-----------|-------------------------------|
| 2007-2010 | Hansen og Arntzen AS | Hansen og Arntzen AS | | | Restauration, all disciplines |

Project description:



Design documentation:

- Stability
- Inclining test
- Freeboard Plan
- Fire and Safety Plan
- Evacuation analysis
- Mooring winch strength analysis
- 3D modelling for rebuilding of steam engine
- Lifting arrangement and analysis
- Midship section drawing
- Followup towards yard and towards Norwegian Maritime Directorate
- Followup towards Directorate for Cultural Heritage

Storegut

| Year: | Client: | Yard: | Class | Man-hours | Scope: |
|-------|------------------------|-------|-------|-----------|---------------------------------------|
| 2010 | Stiftelsen Rjukanbanen | | | | Upgrade for new passenger certificate |

Project description:



Design documentation:

- Fire and safety drawing
- General arrangement drawing
- Evacuation analysis
- Update of equipment for fire and safety
- Septic water tanks and system arrangement and ISO drawing
- Rearranging davit for rescue boat
- Followup towards Norwegian Maritime Directorate
- Followup towards Directorate for Cultural Heritage

Gamle Kragerø

| Year: | Client: | Yard: | Class | Man-hours | Scope: |
|-------|------------------|-------|-------|-----------|--------|
| 2010 | Forbundet KYSTEN | | | | |



Project description:

Design documentation:

- Fire and safety plan
- Followup towards Norwegian Maritime Directorate

M/S Skarsfos

| <i>Year:</i> | <i>Client:</i> | <i>Yard:</i> | <i>Class</i> | <i>Man-hours</i> | <i>Scope:</i> |
|--------------------------|----------------|--------------|--------------|------------------|--|
| 2000 & 2006 - 2007 | Asbjørn Lia | | | | Conversion of old Tug to culture and tourist vessel |

Project description:



Design documentation:

- Lines drawing
 - Tank tables
 - General Arrangement drawing
 - Rearranging diesel tanks
 - Installation of small weight of solid ballast
 - Freeboard & Stability
 - Weight calculation & Inclining test
 - Tonnage calculations
 - Inspections onboard
 - Followup towards Norwegian Maritime Directorate
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