

References List Westcon Design Poland

1. **Bergen Mekaniske Verksted, Norway:**
 - Workshop documentation (hull and machinery), NB 160, 161, 164, 166, 167 vessels ,
 - Workshop documentation, including outfitting 3D coordination (seismic vessel) ,
 - Workshop documentation of hull and engine room 3D coordination (ROV/Construction vessel) ,
 - Workshop documentation of hull structure (Diving Support Vessels).
2. **Groot Ship Design, The Netherlands:**
 - 13.500 dwt multipurpose vessel - FEM calculations of hull structure, hull classification documentation,
 - 100 TEU Container Vessel - FEM calculations of hull structure, hull classification documentation,
 - Live Cattle Carrier - FEM calculations of hull structure, hull, machinery classification documentation.
3. **Europlan Engineering Ltd., Finland**
 - 3D model and workshop documentation of AC Rooms (passenger vessel) .
4. **KIL, Poland:**
 - 20.000 dwt floating dock feasibility study.
5. **Aker Wismar, Germany:**
 - Work at client premises, LNG concept design.
6. **Deltamarin, Finland:**
 - Work at client premises, workshop documentation for car carrier and passenger vessel,
 - Workshop documentation for Pieter Schelte vessel,
 - Workshop documentation for coal self-unloading vessel.
7. **Palmer Johnson, Norway:**
 - Work at client premises, documentation for supply vessel,
 - Work at client premises, documentation for 80m motor yacht.
8. **Seatrade Groningen BV, The Netherlands:**
 - Classification documentation for diesel generators replacement, for six vessels,
 - Modifications required for live car transport onboard of reefer vessel,
 - plan approval for newbuilding reefer vessel in Japan,
 - Reefer Vessel – lengthening of ship by inserting two open top container holds,
 - Reefer Vessel – containerization (Additional containers positions on deck and hatch covers).

9. **Navigia BV, The Netherlands:**
 - 10000 DWT Multipurpose Vessel Chinese newbuilding – Plan approval of classification documentation on behalf of owner.
10. **B.V. Kustvaartbedrijf Moerman, The Netherlands:**
 - Contractual and classification documentation for 7600 dwt Multipurpose Carrier.
11. **Splithoff's Bevrachtingskantoor B.V. The Netherlands:**
 - Conro vessel - Strength analysis of decks,
 - Conro vessel - Structural Crack Investigation in Bulwark,
 - Open Top Vessel - Intact and Damage stability calculations,
 - Multipurpose Vessel – Strength calculations of damaged bottom and side hull structure.
12. **Polsteam, Poland:**
 - ETB (Emergency Towing Booklet) for Passenger and Cargo Vessels *According to the provisions of amendment to SOLAS (IMO Res. MSC.256(84) of May 2008)*,
 - Increase maximum draft on two series of newbuilds Bulk Carriers.
13. **WÄRTSILÄ, Poland:**
 - numerical analysis of m/f Skania propulsion system vibrations and delivery of documentation of proposed foundation modification,
 - m/s Miedwie Main Engine Vibration Analysis with Side Stays Effectiveness Evaluation Analysis.
14. **R.R. Consulting Group BV, The Netherlands:**
 - Living quarter barge for Caspian sea region with modular accommodation suitable for 250 persons. Controlled grounding possibility, non-propelled, temporary refuge, finish ice class 1C,
 - Ammunition Dredger. Newest concept design for reclamation of unexploded ammunition.
15. **Heerema Marine Contractors, The Netherlands:**
 - Calculations and classification documentation (conversion one of the largest ocean going launch/cargo barge H-851).
16. **HAMMONIA Reederei GmbH & Co. KG, Germany:**
 - 3100 TEU Container Vessel trim optimisation,
 - Study consist of CFD Simulations of Propeller Open Water Tests, Hull Resistance Tests,
 - Self Propulsion Tests and validation against Towing Tank Experiments,
 - Calculations of test matrix with variety of speeds, draughts and trims in order to find conditions at which vessel gain lowest possible fuel consumption, at certain speed.
17. **Mostostal Chojnice SA, Poland / AS Nymo, Norway:**
 - Structure and outfitting workshop documentation of Sevan 650 Drilling Unit.

18. TALISMAN, Norway:

- TALISMAN - Mobile Offshore Production Unit at YME field in Abu Dhabi.
- Topside - more than seven thousands ISO Piping Drawings have been verified by Westcon Design Poland,
- Rig's Legs - Steel structure and welding seams are verified by Westcon Design Poland.

19. P+S WERFTEN, Germany:

- Strength calculation of bow, bow visor and redundancy analysis of securing devices. reaction forces in securing devices,
- Strength calculation of decks 3 and 5 of bow region due to harbor ramp loads.

20. Westcon Yard AS, Norway:

- Bufer structure for gantry,
- Service platforms – Structural checking acc. to code FEM, Eurocode,
- Claws supporting box – Strength calculations acc. to DNV,
- Luggage room/TV room antenna - Strength calculations acc. to ABS,
- Anchor winch houses – Strength calculations acc. to DNV.