

Honggun Kim

Summary of Qualifications

Name in Full	Honggun Kim
Nationality	Republic of Korea
Education	<ul style="list-style-type: none">• B.S., Naval Architecture and Marine Engineering - Ulsan University, Ulsan, Korea, 1980• NEi Nastran course, Noran Engineering, Inc. USA, 2004, 2006• Simulation and Structural Analysis by Moses program, Ultramarine, USA, 1999• SACS Training course, Engineering Dynamics, Inc. USA, 1999• Structural Analysis for Tanker and Product carrier in Det Norske Veritas, Norway, 1990• Structural Analysis for Container carrier, in Germannish Lloyd, Germany, 1995
Memberships	<ul style="list-style-type: none">• Pre registered Professional Engineer of Structural Engineering, Korea Technique Institute• Registered Korean First Class Engineer, Korea Technique committee
Key qualifications	<ul style="list-style-type: none">• Extensive experience in the planning, structural analysis (FEM by NEi Nastran, SACS), structural engineering and detail design, calculation of machinery foundation and outfitting equipments, Hull production engineering, Detail welding design in various types of vessels including semi-submersible and jack-up drilling rigs, VLCC, Product carrier, Tanker, Container, Bulk carrier, and naval ships for last 28 years,• Twenty four years of shipyard experience, (in South Korea and U.S.A)

Employment record

Year	Firm	Position and responsibilities
Jun 2011 - Present	SACS Korea, Inc.	<ul style="list-style-type: none">• Engineering supervising for semi submersible drilling rig• Structure drawing review and check for structural and welding details
Feb 2011 - Jun 2011	Worley Parsons	<ul style="list-style-type: none">• Engineering checking for Topside SACS modules of FPSO Feed project• Analysis of Top side modules for FPSO by Sacs program• Structure drawing review and check for structural and welding details

Aug 2010 - Feb 2011	SBM Offshore Company	<ul style="list-style-type: none"> • Analysis of Top side modules on relocated FPSO by Sacs program • Structure drawing review and check for structural and welding details
2006 - Aug 2010	Exmar Offshore Company	<ul style="list-style-type: none"> • Engineering support of Derrick Tower and Sub structures and skid structures on top side (Sacs Model checking in Worley Parsons) • Topside Foundation structural analysis, Topside Module calculation of LNG-FPSO using SACS and NEi Nastran • Topside Structural Analysis, Topside Redundancy Analysis, Lifting calculation and Structural design, Transportation, Launching calculation, and Structural engineering of topside equipments using SACS for OPTI-EX, Exmar semi-submersible production projects • Interface engineering between hull and topside, structural analysis for major outfitting (Crane, Lifeboat, Platforms, and walkway) for OPTI-EX • Structural analysis using SACS and NEi Nastran for outfitting and foundation (Flare boom, Crane, Heliport deck, Main engine foundation, Trolley beam, Walkway in E/R, Riser crane support structure, riser and pipe rack) for Noble Drill ship converted • Hull scantling calculation and Structural engineering of New stern construction for Noble Drill ship converted • Structure drawing review and check for details and welding for projects • Support and develop design and analysis activities to the standard of engineering for floating offshore structures
Jan 2009	Onboard Inspection of FPSO consulting Modec	<ul style="list-style-type: none"> • Welding and structural inspection for major equipments: Investigation, solution, and reporting for rectification of damaged mooring lines
2007 - 2009	Friede and Goldman Ltd, Houston	<ul style="list-style-type: none"> • Finger board analysis using SACS for Noble Bingo semi-submersible drilling rig • Structural analysis of Foundation of major equipment (Crane, BOP handling, pipe rack) using SACS for Atwood semi-submersible drilling rig • Lower hull and column structural analysis for Atwood semi-submersible drilling rig • Derrick structural analysis for CNOOC semi submersible drilling rig • Initial hull scantling and Structural Engineering for Atwood semi submersible drilling rigs

		<ul style="list-style-type: none"> • Structure drawing review for details and welding for Sea Drill Semi submersible Drilling Rig And Petro series semi submersible drilling rig
2000 - 2006	National Steel and Shipbuilding Company, San Diego	<ul style="list-style-type: none"> • <u>Senior Engineer in Initial Design and Hull Engineering</u> • Technical Consulting for Hull structures • Hull structural engineering, detail design for structures and welding for 185K Tanker/ BP and Navy ship • Maintenance and Development for Standard structural details and Welding details • Structural analysis of hull structures, and major outfitting foundation (crane, mooring equipments, machinery in engine room) using Nei Nastran
1999 - 2000	Massachusetts Shipbuilding LLC, USA	<ul style="list-style-type: none"> • <u>Principal Engineer in Hull Engineering</u> • Technical Consulting for Shipbuilding Layout, Machinery Installation • Estimation and Design for Steel structure
1998	Hyundai Heavy Industries Ltd, / Mipo yard, Ulsan, Korea	<ul style="list-style-type: none"> • <u>Project Manager of Initial planning office</u> • Project initial planning, Estimation of New Hull for vessel and offshore structures (Tanker, Container, Bulk carrier / Drill ship) • Estimation job of Converting Hull for vessel and offshore structures (Tanker, Ro-Ro / FPSO) • Initial planning and basic design for New shipbuilding and for Converting project
1984 - 1998	Hyundai Heavy Industries Ltd, / Samho shipyard, Korea	<ul style="list-style-type: none"> • <u>Project Manager of Project planning office (Three years)</u> • Estimation, Initial structural engineering and basic design for various types of vessels from Bulk carrier to VLCC Classed by ABS, DNV, Lloyd, BV, GL • <u>Manager of Hull Engineering Team</u> • Initial structural engineering and Hull structural design for Vessels incl, VLCC, product carriers, chemical tankers, bulk carriers, container carriers • Hull structural analysis using ANSYS and DNV Pilot programs,

1982 - 1984

Hyundai Heavy
Industries Ltd, Ulsan,
Korea

- Structural Engineer
- Hull structural engineering and design
- Hull structural analysis of Heliport deck

Languages	Korean	English	Others
Speaking	5	4	-
Reading	5	4	-
Writing	5	4	-

(*excellent: 5 Average: 3-4 Poor:1-2*)