

Mr. Karan DOSHI – Indian Register of Shipping

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Date of Birth	27/09/1986
Designation	Senior Surveyor and Surveyor-In-Charge for Formal Safety Assessment & Alternative Design
Education	Bachelors in Civil Engineering from Indian Institute of Technology, Kharagpur, (2008) Masters in Structural Engineering from Indian Institute of Technology, Kharagpur (2009)
Period of Employment in IRS	Oct 2009 – Present
Competency areas	Formal Safety Assessment, Rules & Standards, Damage & Failure investigation, Structural Strength analysis, Structural Reliability analysis, FSA & GBS Regulatory matters expert
Work Experience in IRS (Select)	<ol style="list-style-type: none">1. Review of Risk analyses, Safety Studies & Strength analyses for Floating Production, Storage and Offloading Installations (FPSO) in IRS Class2. Development of IRS Class Guidelines for assessment of Alternative & Risk based designs3. Performance/Review of various engineering analyses pertaining to Gas Carriers4. Developing IRS technical positions on regulatory matters pertaining to FSA and GBS5. Development of various Rules & Guidelines for IRS in relation to Classification of Ships and Offshore Installations6. 3D Finite element analysis of cargo ships (container ships, liquefied gas carriers)7. Damage & Failure Analysis - Vessels in IRS Class8. Prediction of onboard passenger ship vibration for habitability
Contribution to ACS WGs	<ol style="list-style-type: none">1. IRS Member in ACS Working Group on Safety (WG/Safety) (2017 – Present)2. Project Manager of ACS PT-PSS (2018 – 2021)3. ACS Representative to the IOMOU 24th Committee meeting (Virtual Session) (2021)