

SS Nujoma Structural Analysis and Design Services



Project Overview:

SS Nujoma Structural Analysis and Design Services

Client:

ADP Marine & Modular

Competition Date:

2016

Project:

SS Nujoma - The World's Most Advanced Diamond Exploration and Sampling Vessel

Scope:

ET-Global played a pivotal role in the development of the SS Nujoma, offering specialized structural analysis and design services throughout the pre-feasibility, feasibility, and detailed design stages. Our work focused on both new constructions and upgrades for the vessel's materials handling supporting steelwork.

Key Contributions:

- Performed comprehensive analyses, including ship's motions, harmonic, and static analysis, of all supporting steelwork for the vessel's materials handling systems, from primary screening to final recovery.
- Ensured all analysis and designs complied with relevant SANS codes and marine classifications, including Lloyd's Register (LR) and the American Bureau of Shipping (ABS), meeting the highest standards of safety and performance.
- Provided detailed reports at each project stage, fulfilling rigorous auditing requirements set by the client and ensuring transparency and accountability in the design process.
- Our collaborative efforts with ADP Marine & Modular have contributed to the SS Nujoma's recognition as a forefront vessel in diamond exploration and sampling, showcasing our commitment to engineering excellence and innovation in marine projects.