



Ariane-3Dynamic .

Ariane – 3Dynamic is a powerful time and frequency domain mooring analysis program incorporating nonlinear time domain dynamic analysis of individual lines.

Ariane-3Dynamic is the ideal tool for the design and analysis of moored vessels to the current regulatory standards.

Key Features

- Adapted to deep and shallow water mooring problems
- Ability to model up to 200 lines
- Nonlinear and multi-elasticity component
- Transient response after line failure
- Nonlinear time domain line dynamic analysis using cable and beam finite element method
- Windows™- based GUI facilitating rapid and intuitive model setup, analysis and postprocessing
- Developed and marketed collaboratively by Bureau Veritas and MCS

Applications

- Catenary mooring systems
 - Chain
 - Wire
- Taut mooring systems





Benefits

- Consistent with current dynamic analysis regulatory requirements (POSMOOR, API RP 25K)
- Ariane-3Dynamic is industry proven and is approved by NMD and recognised by Shell standards for mooring
- Unique collaboration between Bureau Veritas and MCS ensure the user benefits from the mooring analysis experience of the former and the nonlinear dynamic capabilities of the latter

Learn More

Contact the MCS Kenny Software Business Development team for more information on Deepriser and other industry leading solutions in the MCS Kenny advanced software range.

Email: software@mcskenny.com

MCS Kenny advanced software is designed to the highest development standards backed up by renowned global customer support services. MCS Kenny software delivers tangible efficiency benefits to hundreds of leading oil and gas industry customers around the world.

MCS Kenny is a Wood Group Company

