

## POWERFUL PIPELAY ANALYSIS SOFTWARE

Models pipe laying, davit lift, pipelay initiation and abandonment/recovery operations. It can model both conventional laybarge and stinger based pipe laying methods and "J-lay" configurations.

OFFPIPE is a sophisticated, finite element method based computer program. It has been developed specifically for the modeling and structural analysis of nonlinear problems encountered in the installation and operation of offshore pipelines.

Analysis capabilities include:

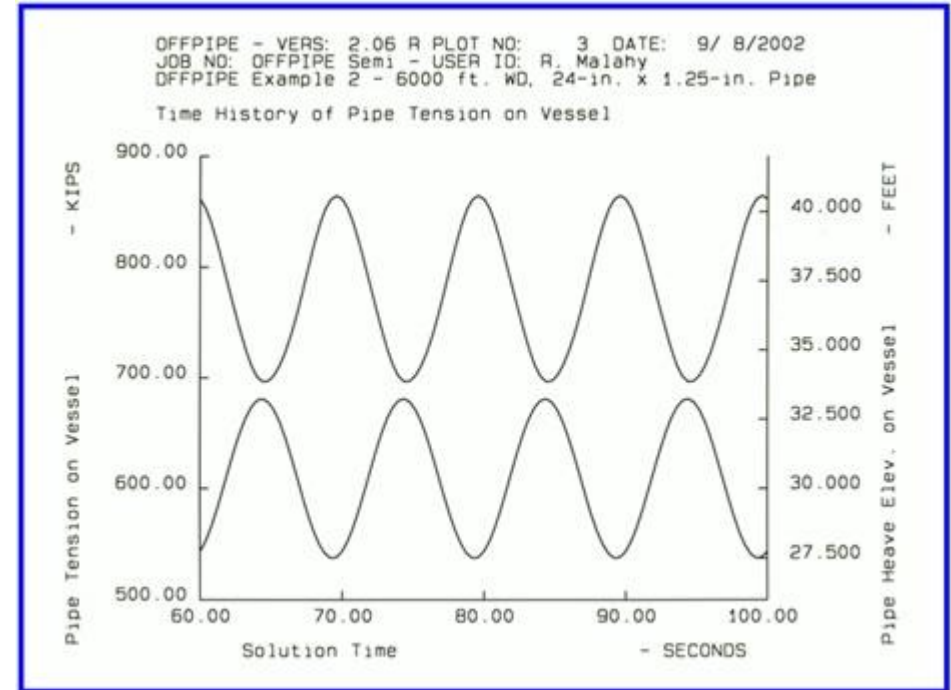
- static and dynamic pipe laying analyses for many laybarge and stinger configurations, both conventional and J-lay.
- pipelay initiation, abandonment and recovery analyses;
- calculates static pipe stresses, span lengths and deflections for irregular seabed scenarios;
- static davit-lift analyses for conventional riser installations and subsea tie-ins



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## OFFPIPE



# POWERFUL PIPELAY ANALYSIS SOFTWARE

## PIPELINE ANALYSIS AND PIPE SPAN ANALYSIS

Models the pipeline in both two and three dimensions (taking advantage of the reduced size of two dimensional problems for faster execution).

## pipeline analysis and pipe span analysis

### CONTACT US

Phone: 1 (713) 664-8635

8:00AM (CST) - 9:00PM (CST)

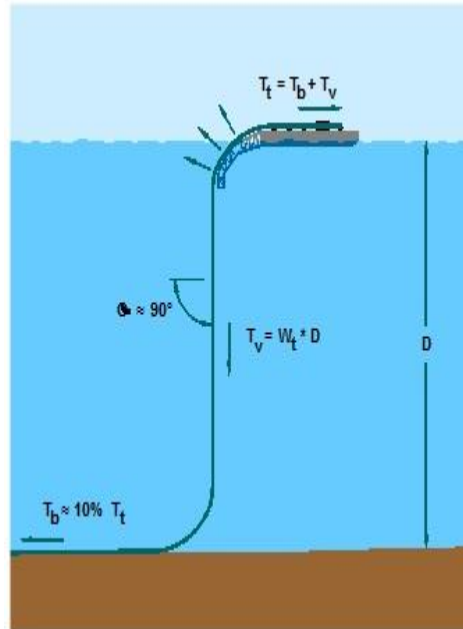
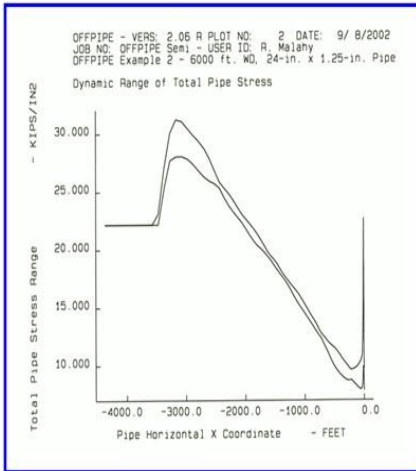
Fax: 1 (713) 664-0962

### SYSTEM REQUIREMENT

. OFFPIPE v2.06 runs on Windows 95/2000/XP based systems. It takes advantage of current technological advances in hardware to provide fast, accurate computations.

Minimum requirements to run v2.06:

- x86 IBM-compatible w/ floating point
- CD / DVD drive
- Windows-based system (All versions incl. 95, 98, NT, 2000, XP)



### PIPELINE ANALYSIS

Models pipe laying, davit lift, pipelay initiation and abandonment/recovery operations. It can model both conventional laybarge and stinger based pipe laying methods and "J-lay" configurations.

Models the pipeline in both two and three dimensions (taking advantage of the reduced size of two dimensional problems for faster execution). Three dimensional static analyses may include current profiles, bottom.



### PIPE SPAN ANALYSIS

Nonlinear (both geometric and material) modeling of two and three dimensional pipe spans on the ocean floor. Pipe strings may include multiple spans and be many miles or kilometers in length..



PIPELINE ANALYSIS AND PIPE SPAN ANALYSIS

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