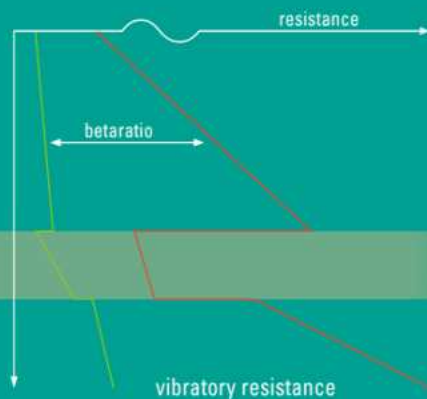


# GeoDrive Technology

## Piling & Geotechnical specialists

### WELCOME

International Construction Equipment BV



### PREDICTION PROGRAM



## DEALER MEETING 2005

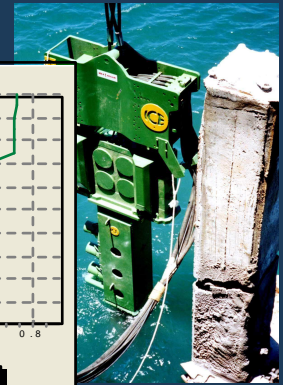
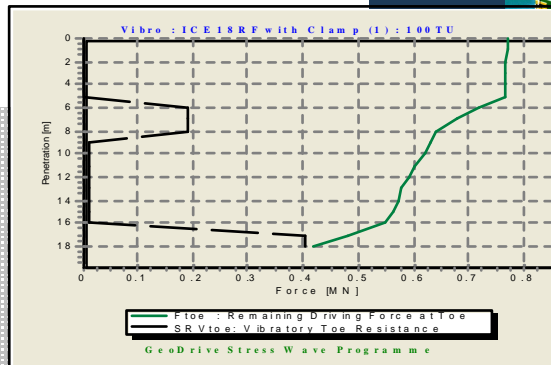
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## Piling & Geotechnical specialists

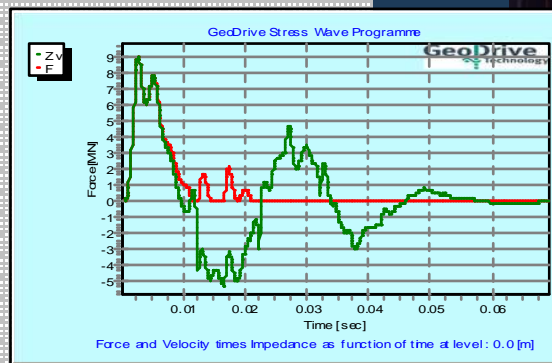
### Piled Foundations:

- Impact-Driveability Analyses.
- Vibro-Driveability Analyses.
- Stick-Up length Calculations.
- Horizontal and Overturning Moment Analyses.
- Self-Weight Penetration Calculations



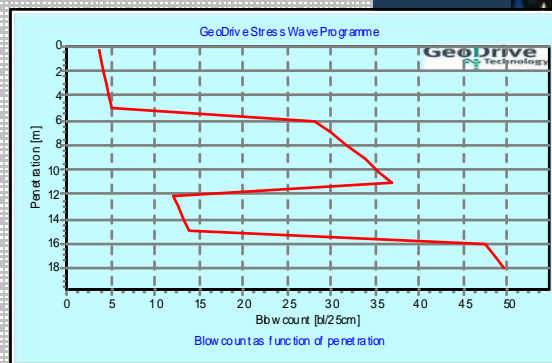
### Windmill Foundations:

- Drive-Drill-Drive Analyses.
- On-Line Monitoring Drive-Drill-Drive Operations.
- Vertical Stability during Driving.
- Verticality Correction after Self-Weight Penetration.
- Fatigue Analyses<sup>1)</sup>
- Dynamic Pile Monitoring<sup>2)</sup>



### Company Specific Software Development

- Wave-Equation Programme.
- Vibro-Driveability Programme.
- CFA Monitoring Equipment (under development)
- Pile-Cushion Behavior



### Offshore Operations:

- R&D on Ultra Deep Water Pile Driving Hammer.
- Toe-Driven Conductor Installation.
- Installation Procedures.
- Installation Supervision.

<sup>1)</sup> In cooperation with H&R Engineering BV.  
<sup>2)</sup> In cooperation with Conewel BV

