

INTEGRATED MONITORING AND ADVISORY SYSTEM (IMAS) DESIGN CAPABILITY

Instrumentation Dept.

COTEC

Instrumentation Engineering Dept provides high quality and cost effective designs of integrated monitoring and advisory systems for real time response monitoring of offshore facilities including floating platforms, rise and mooring systems. COTEC strives to deliver fit for purpose technologies. We also provide the services of system evaluation and management and analysis of measured data.


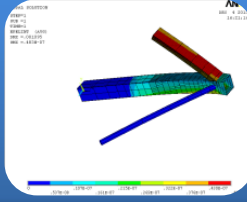
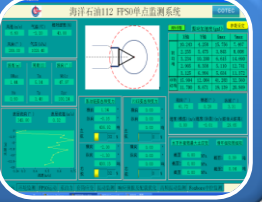

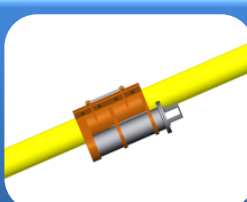


SCOPE OF SERVICES

- ❖ System concept study
- ❖ Monitoring system design
- ❖ Advisory system design
- ❖ Software integration
- ❖ Instruments
- ❖ System integrate
- ❖ Installation assistance
- ❖ Database management

SOFTWARE TOOLS

- ❖ Inhouse data management tools
- ❖ Graphic interphase
- ❖ Orcaflex
- ❖ WAMIT
- ❖ MATLAB
- ❖ Mathcad
- ❖ AutoCad

REPRESENTATIVE PROJECTS

	<h4>HYSY 112 FPSO IMAS Design</h4> <ul style="list-style-type: none">• Engineering design• Global performance analysis• Global response forecast and advise• System integration and software development• Interface with control system		
	<h4>HYSY 111 FPSO IMAS Design</h4> <ul style="list-style-type: none">• System concept study• Instrumentation engineering design• Global performance analysis• Gloabl response forecast and advise• System integration and software development• Mooring line inclinometers development		
	<h4>Enping FPSO IMS Design</h4> <ul style="list-style-type: none">• Instrumentation engineering design• Procurement support• System integration and software development• Interface with SPM condition monitoring system	