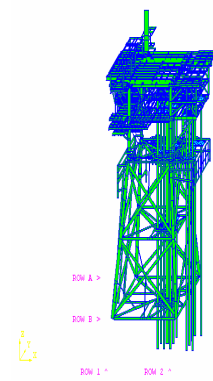
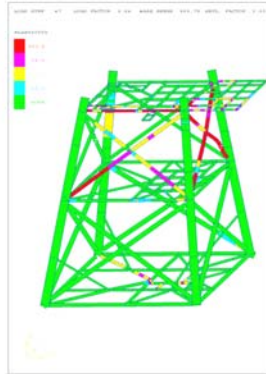
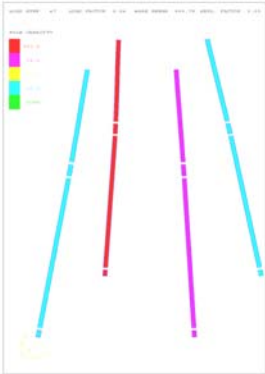


**PROJECT:**

# PLATFORM RECERTIFICATION



**OPERATOR:**

REPSOL – YPF – MAXUS SOUTHEAST SUMATRA

**PROJECT VALUE:**

ENHANCED PRODUCTION  
VALUE NOT KNOWN

**PROJECT DESCRIPTION:**

The Company has a number of platforms which has exceeded the design life. The Company needs to keep these platforms operative with enhancements for additional output. A structural integrity audit needs to be carried out on these platforms for third party certification. Platforms needed to be strengthened where required.

**Platforms Investigated**

- WIDURI PROCESS   - FARIDA-A   - INTAN-A   - ZELDA-E   - CINTA-B   - KARMILA-A   - INDRI-A
- WIDURI-A   - FARIDA-B   - INTAN-B   - ZELDA-D   - SELATAN-B   - KRISNA-A   - WANDA-A
- WIDURI-B   - FARIDA-C   - ZELDA-C   - RAMA-F   - SUNARI-A   - YVONNE-A
- WIDURI-D   - ZELDA-A   - RAMA-E   - SELATAN-C   - TITI-A

**CLIENT:**

ZEE in association with PT. Wirazee Adhi Engineering

**CONTACT PERSON:**

Ramero de Los Reyes  
Tel:

**ZEE'S SCOPE OF WORK:**

- A structural survey was carried out on the platforms for "as-it-is" state. This included the structural members and equipment.
- An accurate model of the structure was compiled which included damaged and added members such as conductors and additional weight components.
- A standard elastic soil pile interaction analysis was carried out.
- If failure was encountered, a full plastic analysis (push over) was carried out to establish the reserve strength of the jacket.
- Fatigue analysis was carried out to establish the integrity of the joints.
- Jacket inspection program was also recommended.

**ZEE'S VALUE OF WORK:**      800,000.00 US\$