

Shell Cili Padi Power Cable Installation Project

Project Key Information

| | |
|-----------------|----------------|
| Customer | IEV Group |
| Owner | Shell Malaysia |
| Time | February 2011 |

Site Data

| | |
|--------------------|-------------------|
| Location | Sarawak, Malaysia |
| Water Depth | 90m |

Cable Data

| | |
|----------------------------|------------------------------|
| Cable Power | 11kV telecom composite cable |
| Min. Bending Radius | 2.1m |
| Outer diameter | 103mm |
| Cable Length | 31.76km |

Ship and Equipment

| | |
|-------------------------|------------------------------|
| Ship | DP2 Cable Ship Fu Hai |
| Subsea Equipment | ROV Sea Lion II |



▲ Cablesip Fu Hai close to



▲ CS Fu Hai

Scope Summary

- Precise lay and interconnection of 31.76km 11kV power cable between two platforms
- Cable Post Lay Inspection and Burial (PLIB) by ROV to enable better protection of the cable within the 500m zone of F23R-A
- Concrete mattresses installation to stabilize and protect the cable at specific points along the route

Challenges and Solutions

SBSS unparalleled experience in cable lay was delivered with the highly capable DP2 Cable Ship -CS Fu Hai fitted with a purposed built cable lay spread and a specialized 200hp Work Class ROV Sea Lion II.

Shell Cili Padi Power Cable Installation Project

To meet customers' stringent requirements to marine contractor, CS Fu Hai and ROV Sea Lion II prevailed with a number of thorough audits by certified 3rd party and different entities before, during and after the ship mobilization, covering areas of:

- Crew Safety and Operating Safety
- Crew Competency Training and Certifications
- Life Saving Equipment and Practice Onboard
- Safe Personnel Transfer at Sea
- DP FMEA
- First Aid Equipment and Medical Practice Onboard
- Noise Level Testing at Accommodation and Work Area
- Cable Lay Stress Analysis
- Stringent IMCA Standards for Vessel & ROV

For further information please visit our website
www.sbss.com



▲ ROV Sea Lion II



▲ Mattresses on Fu Hai Deck

