

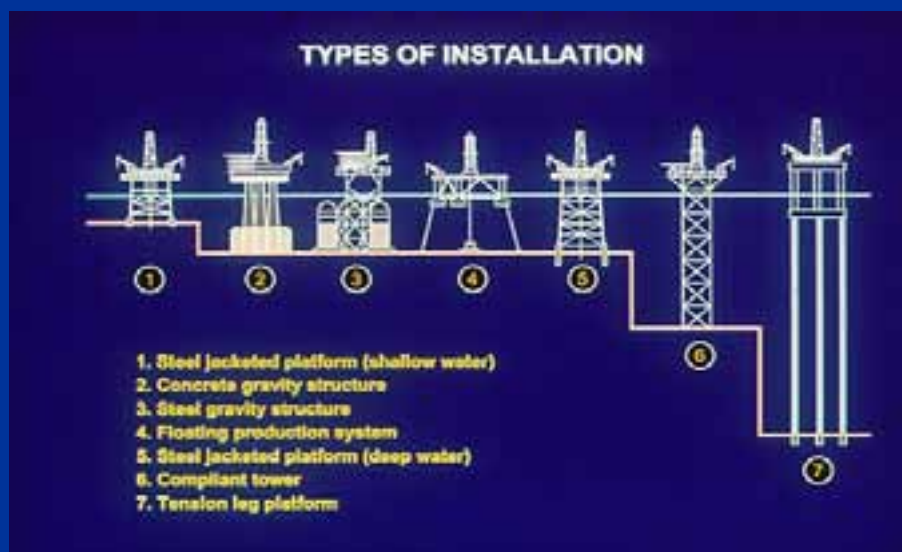
## ➤ E&P Facilities Decommissioning Techniques

# Overview of Offshore Facilities

Ajj Tularak

Auditorium Room, 9<sup>th</sup> Floor, Shinawatra Building III, Bangkok

## Worldwide Types of Platforms



## Worldwide Sizes of Platforms



22 March, 2007

E&P Facilities Decommissioning Techniques

3

## Wellhead Platforms in GoT



22 March, 2007

E&P Facilities Decommissioning Techniques

4

## CPP in GoT



22 March, 2007

E&P Facilities Decommissioning Techniques

5

## CPP & LQ in GoT



22 March, 2007

E&P Facilities Decommissioning Techniques

6

## Bridge Connected Complex in GoT



22 March, 2007

E&P Facilities Decommissioning Techniques

7

## FSO in GoT



22 March, 2007

E&P Facilities Decommissioning Techniques

8

## FSO in GoT

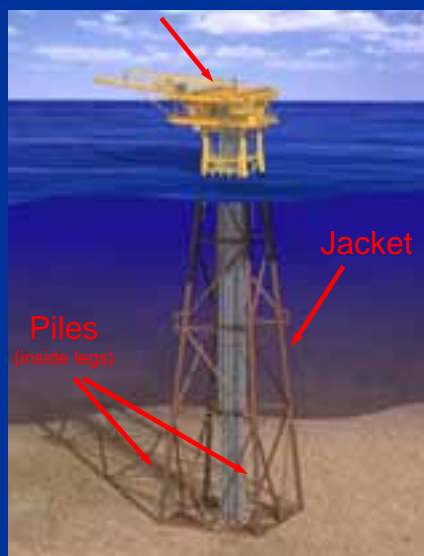


22 March, 2007

E&P Facilities Decommissioning Techniques

9

## Typical WH Platform in GoT

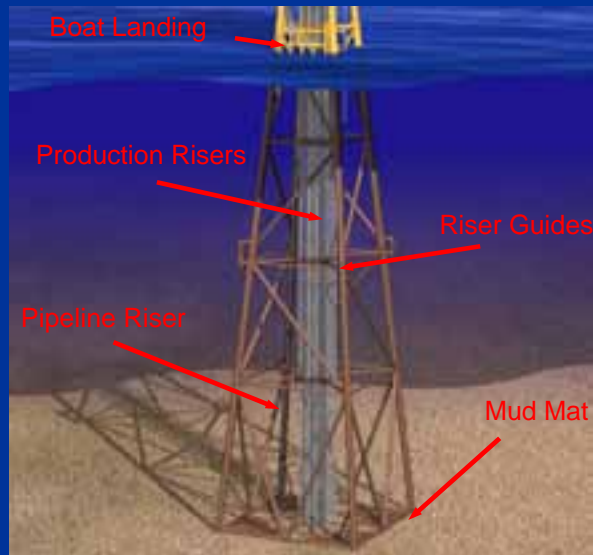


22 March, 2007

E&P Facilities Decommissioning Techniques

10

## Jacket Structure

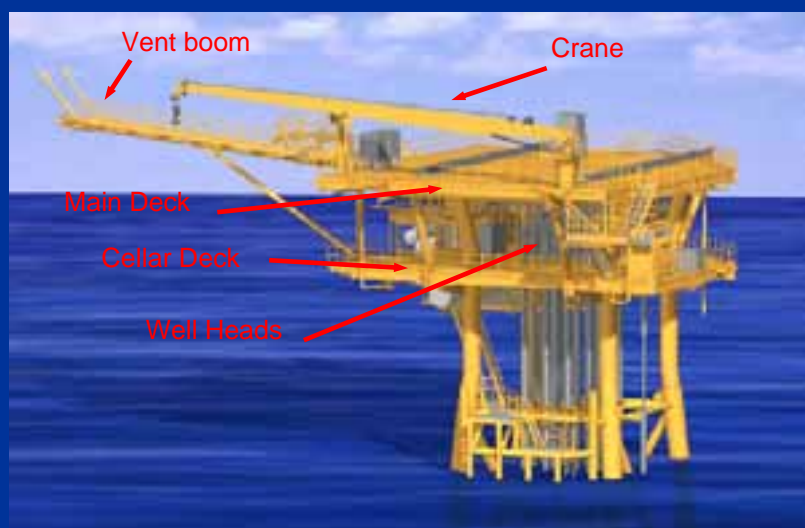


22 March, 2007

E&P Facilities Decommissioning Techniques

11

## Topsides



22 March, 2007

E&P Facilities Decommissioning Techniques

12





## Topsides Load-out by Trailer

Once complete the topsides are placed on a trailer and loaded out onto the cargo barge with the jacket ready for transport to site



22 March, 2007

E&P Facilities Decommissioning Techniques

14

## Load-out / Transportation

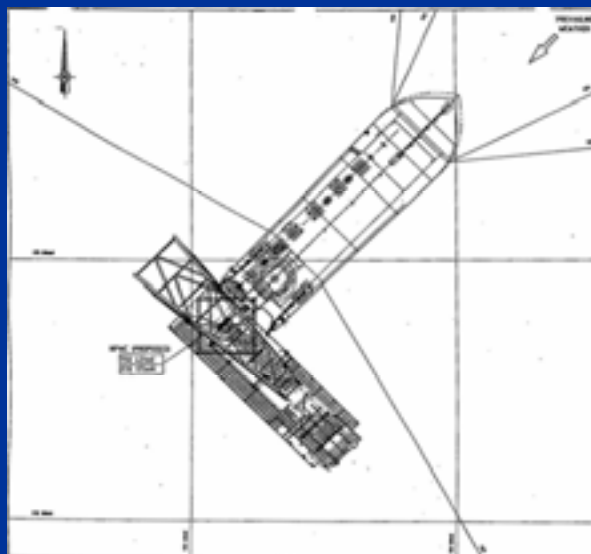


22 March, 2007

E&P Facilities Decommissioning Techniques

15

## Installation Spread in-field



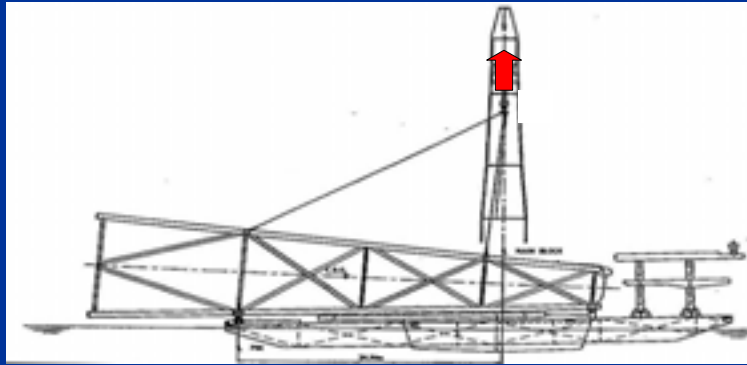
22 March, 2007

E&P Facilities Decommissioning Techniques

16



## Jacket Installation

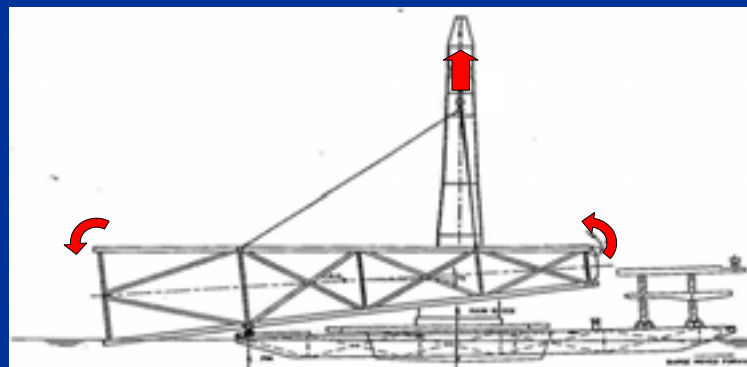


22 March, 2007

E&P Facilities Decommissioning Techniques

17

## Jacket Installation

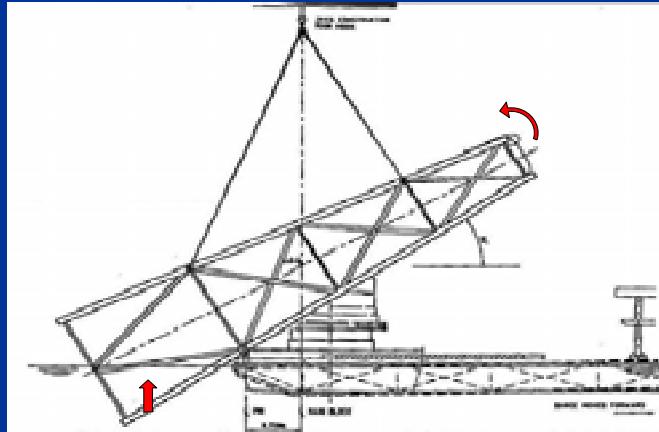


22 March, 2007

E&P Facilities Decommissioning Techniques

18

## Jacket Installation

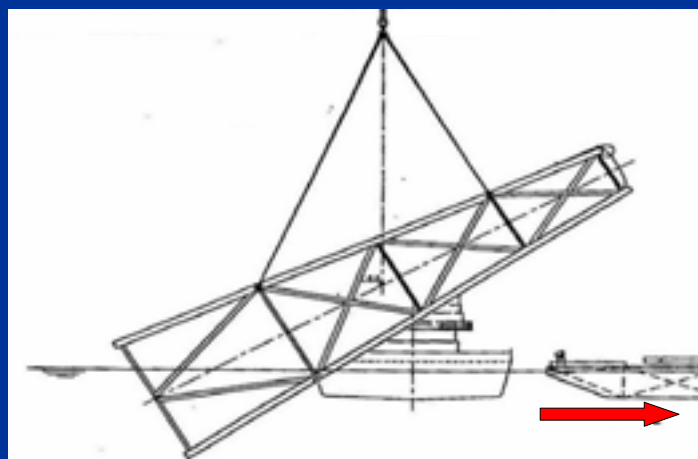


22 March, 2007

E&P Facilities Decommissioning Techniques

19

## Jacket Installation

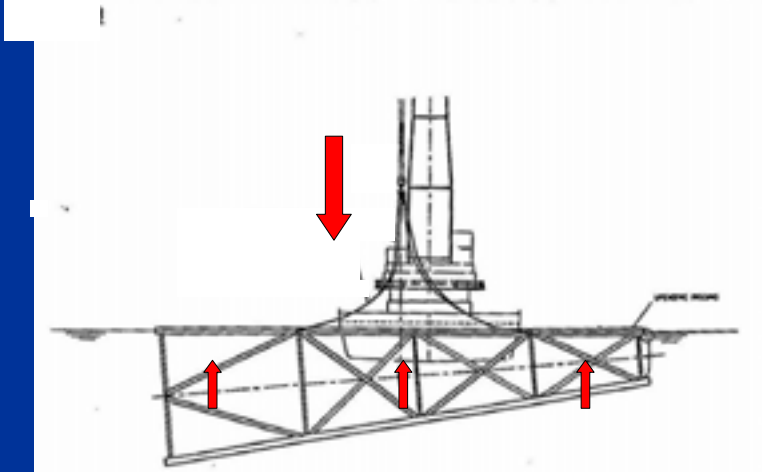


22 March, 2007

E&P Facilities Decommissioning Techniques

20

# Jacket Installation

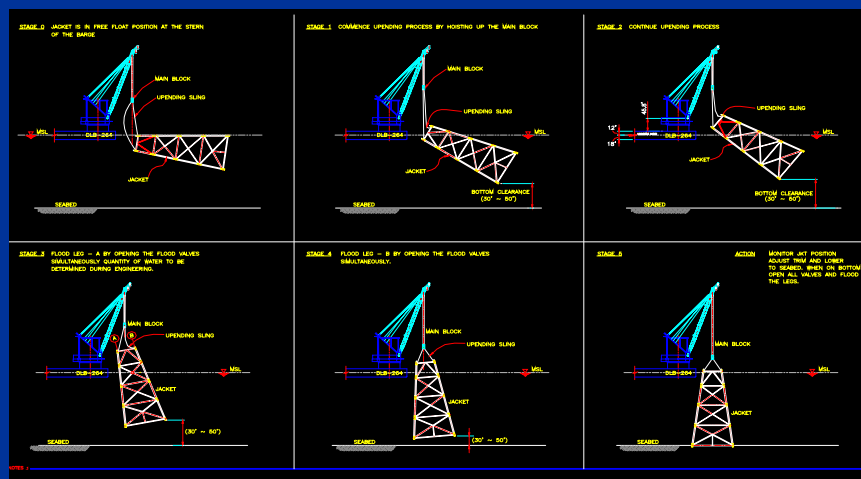


22 March, 2007

E&P Facilities Decommissioning Techniques

21

# Jacket Installation



22 March, 2007

E&P Facilities Decommissioning Techniques

22

## Jacket Installation

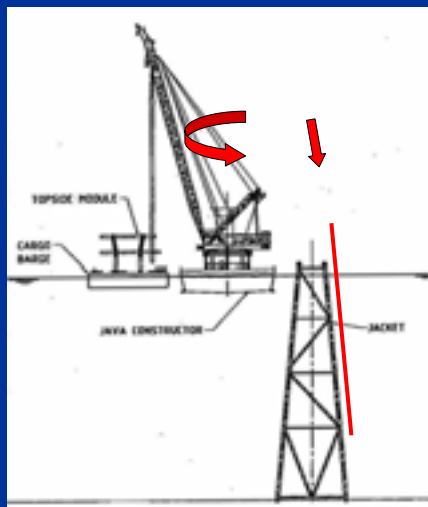


22 March, 2007

E&P Facilities Decommissioning Techniques

23

## Piling

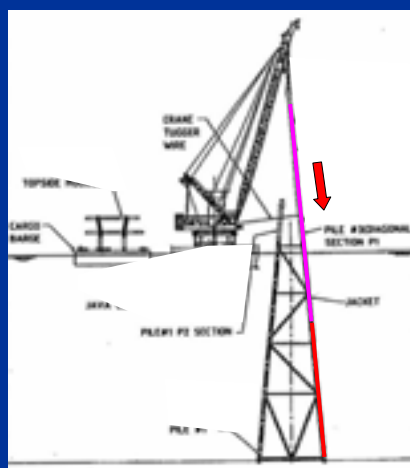


22 March, 2007

E&P Facilities Decommissioning Techniques

24

## Piling

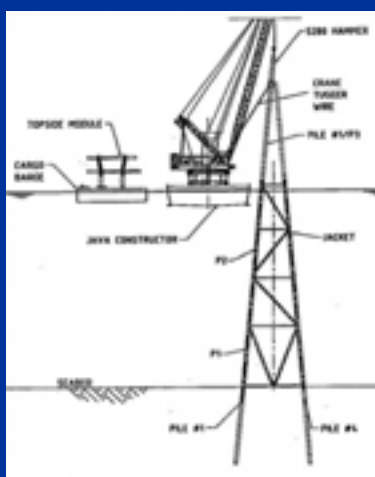


22 March, 2007

E&P Facilities Decommissioning Techniques

25

## Piling



22 March, 2007

E&P Facilities Decommissioning Techniques

26

## Piling



22 March, 2007

E&P Facilities Decommissioning Techniques

27

## Piling



22 March, 2007

E&P Facilities Decommissioning Techniques

28



## Topsides Installation



22 March, 2007

E&P Facilities Decommissioning Techniques

29

## Platform Installation Completed



22 March, 2007

E&P Facilities Decommissioning Techniques

30

## Pipe-lay Methods

1. S-Lay
2. J-Lay
3. Reel Lay

22 March, 2007

E&P Facilities Decommissioning Techniques

31

## S-Lay (Used in GoT)

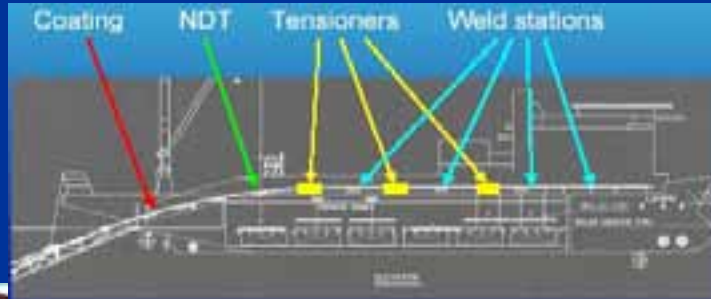


22 March, 2007

E&P Facilities Decommissioning Techniques

32

## S-Lay Barge Operations



22 March, 2007

E&P Facilities Decommissioning Techniques

33

## S-Lay Barge Operations



22 March, 2007

E&P Facilities Decommissioning Techniques

34

## S-Lay Barge Operations



22 March, 2007

E&P Facilities Decommissioning Techniques

35

## J-Lay (Not used in GoT)



Shallow Water

Deep Water



22 March, 2007

E&P Facilities Decommissioning Techniques

36

## Reel Lay (Not used in GoT)

---



22 March, 2007

E&P Facilities Decommissioning Techniques

37

## ➤ E&P Facilities Decommissioning Techniques

---

## Questions & Answers

---

➤ E&P Facilities Decommissioning Techniques

---

**THANK YOU**  
**for your kind attention**

---