

Apache Energy Limited (Apache), on behalf of the Van Gogh joint venture participants, is proposing to develop an oilfield, known as Van Gogh, off the Exmouth coast.

### Meeting Details

Meeting location: Novotel Ningaloo Resort, Exmouth  
 Time: 6.00 – 7.00 pm, followed by drinks and nibbles.

### Agenda

The meeting agenda was as follows:

1.	Welcome & introduction	Caroline Wringe
2.	Project update	Myles Hyams
3.	Subsea installation presentation	Kevin McKendry - Acergy
4.	Question and answer session	
5.	Other information required by SCG	
6.	Agenda and timing for next meeting	Caroline Wringe

### Attendees

The attendees at the meeting are listed in the table below.

#	Name	Company/Organisation	Title
<b>Apache</b>			
	Myles Hyams	Apache Energy	Environmental Manager
	HK Chiam	Apache Energy	Installation Manager
	Giulio Pinzone	Apache Energy	Environmental Scientist
	Caroline de Mori	Apache Energy	Public Affairs Manager
	Kevin McKendry	Acergy Group	Project Manager
<b>Government</b>			
1	Simon Terry	Gascoyne Development Commission (GDC) - Exmouth	Project Officer - Exmouth
2	Alison Harpin	Shire of Exmouth	Community Services Manager
3	Kim Onton	Dept. of Environment and Conservation (DEC)	Nature Conservation Officer
<b>Non-Government Organisations</b>			
4	Barry Sullivan	Exmouth Chamber of Commerce (CoC)	President
5	Brian Reading	Exmouth CoC	Committee member
6	Ann Preest	North West Cape Exmouth Aboriginal Corporation	Endorsed Representative for the Custodian of the North West Cape, Mr Syd Dale
7	Jac Hine	Cape Conservation Group	Secretary
<b>Industry</b>			
8	Ron Shelley	Boeing Services Australia	Site Manager, NCS H.E.H

## Minutes

Myles Hyams presented an update of the Van Gogh Field Development for 15 minutes, including results of the Theo drilling campaign and project contracts awarded to date. Kevin McKendry presented an overview of the subsea installation campaign for 30 minutes. Chiam provided information on the logistics of the subsea installation campaign.

The following minutes are a record of questions and answers recorded during and after the presentations.

Name	Comment/question	Action
Barry	Is the FPSO gas-powered while on site?	
Myles	No. Pumps will be diesel driven and the engine will use diesel. Every week, the engine will be powered up so that the propeller axle does not become distorted.	
Simon	How does the DP III work?	
Kevin	DP is dynamic positioning, meaning the vessel (installation vessel, the <i>Toisa Proteus</i> ) does not need to anchor when working. The thrusters are linked to GPS satellites that keep the vessel on station to an accuracy of +/- 2m.	
Barry	Where are the supply barges going to come from?	
Kevin	Most likely from Mermaid Marine in Dampier – all barges will come from Australian ports.	
Chiam	Substantial equipment is required to be loaded on to these barges. The wharf in Exmouth is not big or deep enough to handle these big vessels or spools and more space is needed, thus Dampier is the most appropriate port. Approximately 5-6 interim mobilisations in Exmouth are anticipated during the course of subsea installation, where the <i>Toisa Proteus</i> will liaise with either the barges or an HLV.	
Simon	How much does a work class ROV typically cost?	
Chiam	Normally about \$5-6 million.	
Kevin	The ones on board the <i>Toisa Proteus</i> do not belong to Acergy, they are being chartered from Canyon Offshore. They are rated to 2,000 m water depth and are 150 horsepower.	
Barry	How long does the acoustic system stay on (when sonar is used to accurately install subsea equipment)?	
Kevin	Only during installation, which should take a few days.	
Barry	Will this underwater noise interfere with dolphins and whales?	
Kevin	It is not likely. The equipment has specifically been chosen to be extra high frequency so as not to interfere with whales and dolphins.	
Myles	Most installation-related activities in Exmouth Gulf will take place from late October to late December 2008, after the main humpback whale aggregation period during the southern migration.	
Chiam	Who does Apache contact regarding mooring in the Exmouth Gulf?	
Brian	The local DPI office, not the Port of Dampier. There's only 100 m of wharfage at Exmouth with a 3.5 m draft.	
Ann	There are about 400 dugong that use the east side of Exmouth Gulf. Will Apache's vessels impact them?	
Myles	The only real impact is the same as that of any other vessel – there	

	is the risk of collision with dugong, which may increase in probability due to increased vessel activity in the Gulf. Dugong usually remain in the shallow eastern sections of the Gulf that can't be accessed by our vessels due to their deep draft.	
Myles	Closed the meeting. Asked for the SCG members to think about a name for the FPSO, with nominations welcome by email or phone by Friday 3 <sup>rd</sup> August.	