

# borders & southern

AGM Institute of Directors – Pall Mall 11 am, 24<sup>th</sup> June 2016

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# **Financial Summary**



• as at 31 December 2015:

	2015	2014
	(\$ million)	(\$ million)
Administrative expense	1.968	3.037
Cash Balance	14.011	16.079

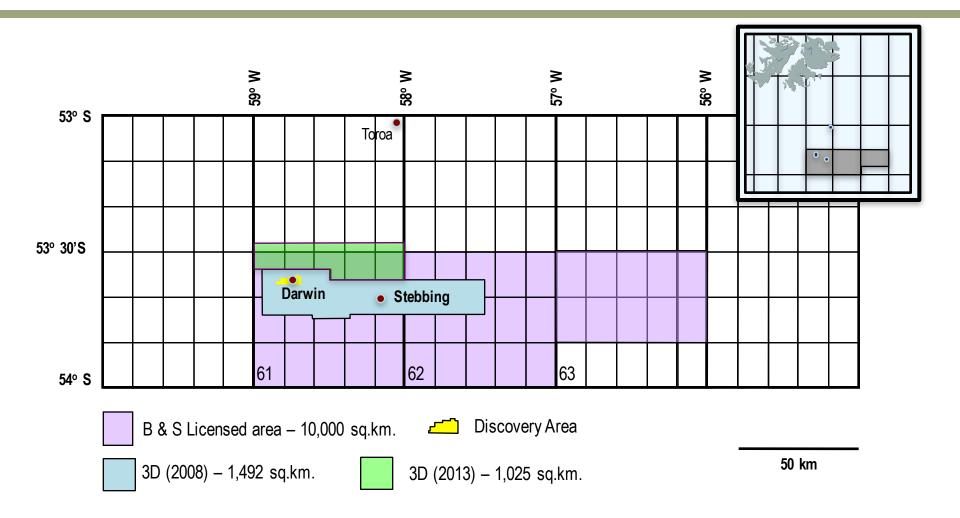
# Activity



#### **Regional Operations** Sea Lion Humpback well . **B&S Farm-out** Scotia Process on-going • Loligo • **B&S** Technical Evaluation Humpback Toroa Reservoir engineering Darwin Scoping development studies æ, • Stebbing 0 Km 200

# **Licensed Areas**





# **Production Licences / Discovery Area**



#### **Original Terms**

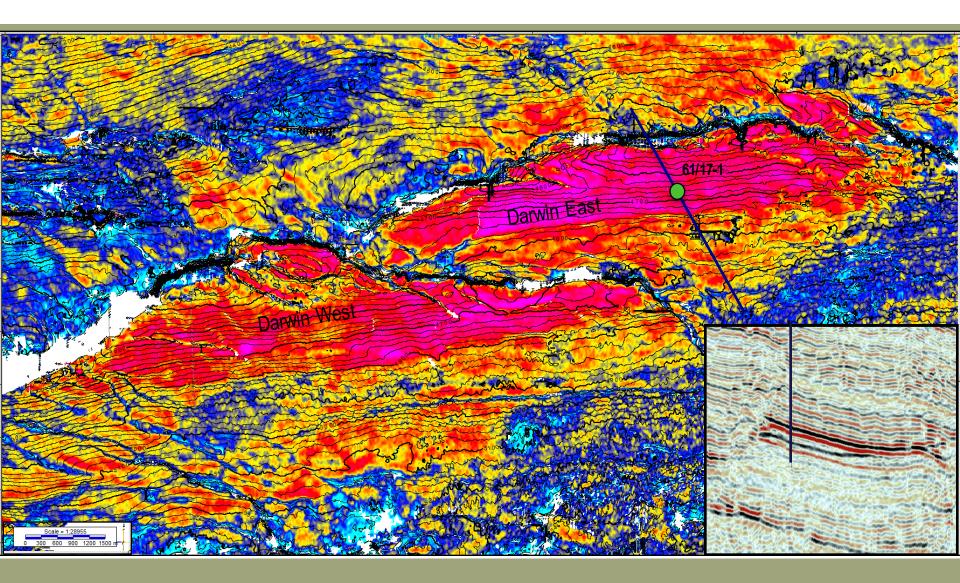
- Discovery Area: 6 years from the spud date of the discovery well (31 January 2012)
- Production Licences: 5 years from 1<sup>st</sup> November 2012 one well commitment

#### New Terms

- Discovery Area:
   new expiry date 31January 2022
   a further 5 year extension is possible if the discovery has been appraised
- Production Licences: extended by 3 years new expiry date 31 October 2020
  - existing one well commitment remains in place
  - licences can be extended for a further 6 years with an additional work programme

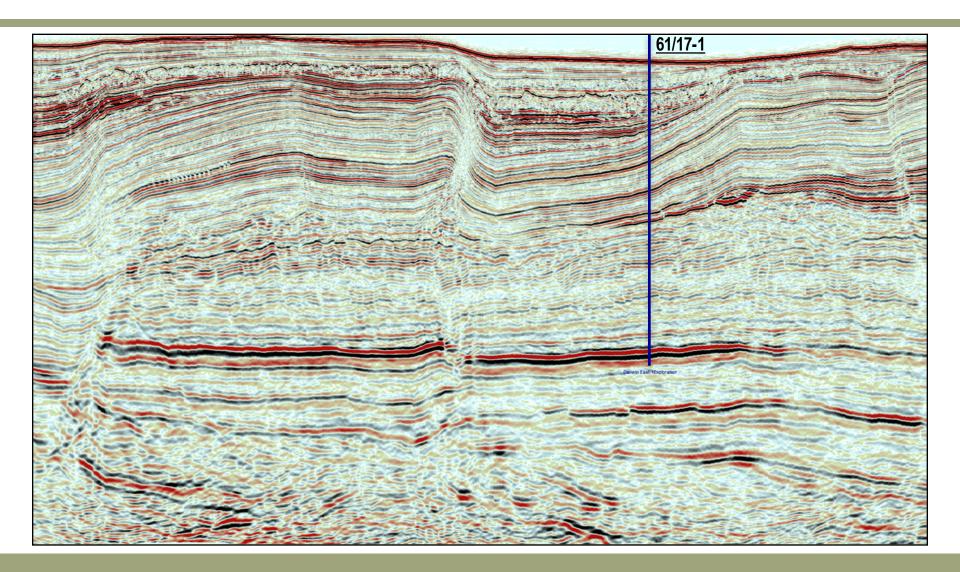
## **Darwin East & West**





## **Darwin East & West**





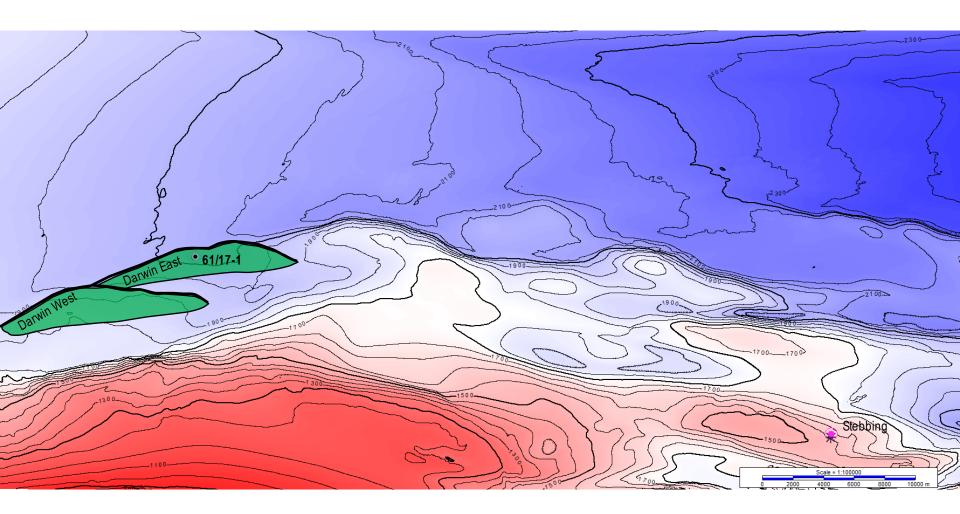
# **Technical Evaluation**



Mapping & interpretation:	Detailed reassessment of the reservoir utilising PSDM seismic data and inversion products
Resource estimates:	Management best estimate (P50) un-risked recoverable volume of condensate for Darwin East & West combined: 360 mmbbl
Reservoir engineering:	Incorporated revised reservoir framework to understand field deliverability
Development options:	Facilities designs and cost estimates for a combined Darwin East / West development or a phased approach (including different water depths)

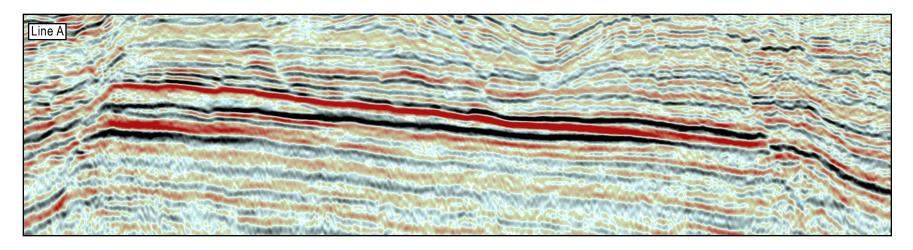
# **Darwin Discovery - Bathymetry**



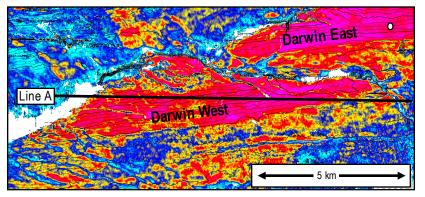


# **Darwin West**





- Darwin West (undrilled) has higher resource estimates than Darwin East
- Darwin West would be prioritised in a phased development



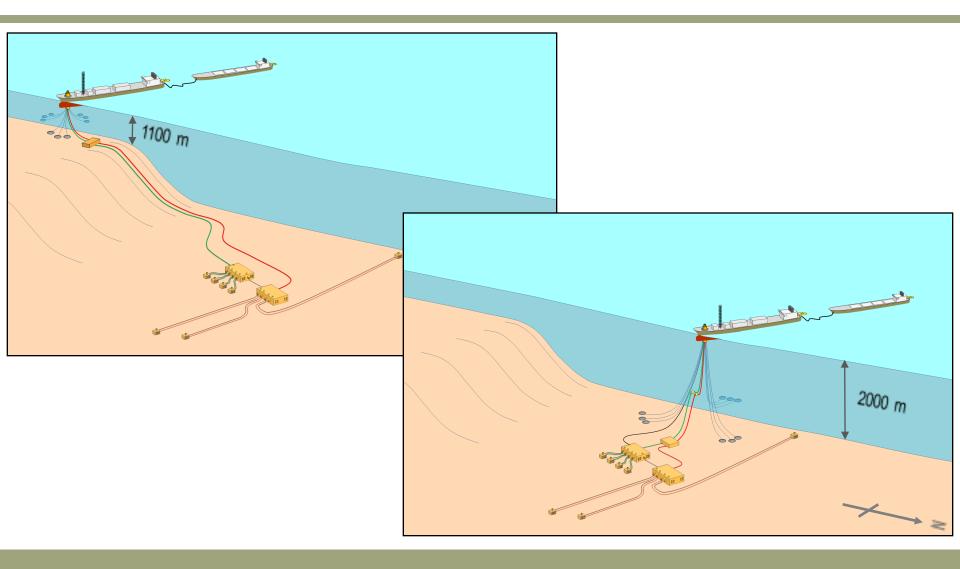
# **Scoping Development Study**



- Following appraisal, Darwin West to be developed first: c. 240 MMBBL \*
- Leased FPSO storage capacity: 850,000 BBL
- Subsea 4 production wells, 3 gas injection wells
- Production facility water depth options: 2000m / 1100m
- Condensate production rate: 56,000 BOPD (46° to 49° API)
- Peak wet gas production: 416 MMSCFD
- Production chemistry: no obvious challenges
- Initial view of capex: \$1.43 billion (including 40% contingency) c. \$6/bbl

## **Development Options:**









- Reservoir engineering study we have developed a range of reservoir development options
  with revised production profiles
- Facilities scoping study currently assessing development options and cost estimates
- Project is commercially competitive against similar global deep water developments:
  - this is driven by: high quality reservoir and good lateral continuity fluid type competitive fiscal terms