

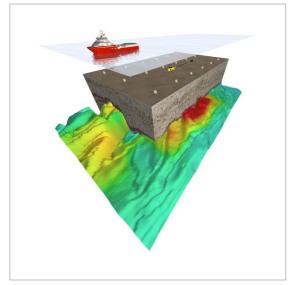
# ELECTROMAGNETIC GEOSERVICES

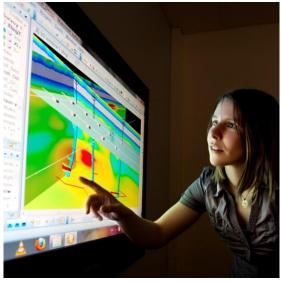
PARETO OIL & OFFSHORE CONFERENCE

CEO, Roar Bekker 11 September 2014



# EMGS IN BRIEF







- Established in 2002 by Statoil
- Founder of the electromagnetic method for off shore exploration
- Completed more than 700 surveys worldwide

- ~300 employees
- Operating four dedicated EM vessels
- Unique technology offering in acquisition, processing and integration of EM data

- Listed on OSE March 2007
- 2013 revenues: USD 145 million
- 2013 EBITDA: USD 18 million



# EMGS: GLOBAL MARKET AND TECHNOLOGY LEADER



worldwide

#### 2014 FIRST HALF HIGHLIGHTS

#### Financial highlights first half 2014

- Revenues of USD 103.8 million
- EBITDA of USD 29.4 million
- 48% equity ratio

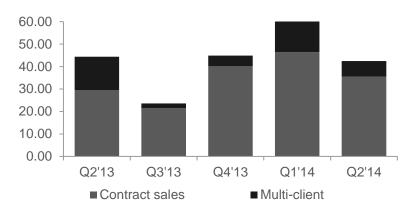
#### **Operational highlights**

- Initiated major 3D EM multi-client survey in US Gulf of Mexico and Canada
- Awarded multiple contracts with new and existing customers in Norway
- Commenced joint 3D EM multi-client project in southeast Barents Sea with TGS
- North Energy library sale and strategic agreement

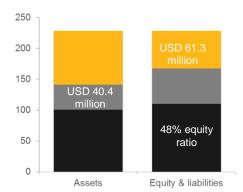
#### **Outlook and guidance**

- 2014 revenue guiding maintained
- Long term outlook intact

#### Revenues per vessel month (USD Million)



Balance sheet as at 30.06.14 (USD million)



- Current assets excl. cash
- Cash
- Non current assets

- Interest bearing debt
- Liabilities
- Shareholders equity



#### **EMGS VISION**

# To make EM an integral part of the E&P workflow

Our vision is to make EM as fully adopted as seismic – to be used as a complementary technology.

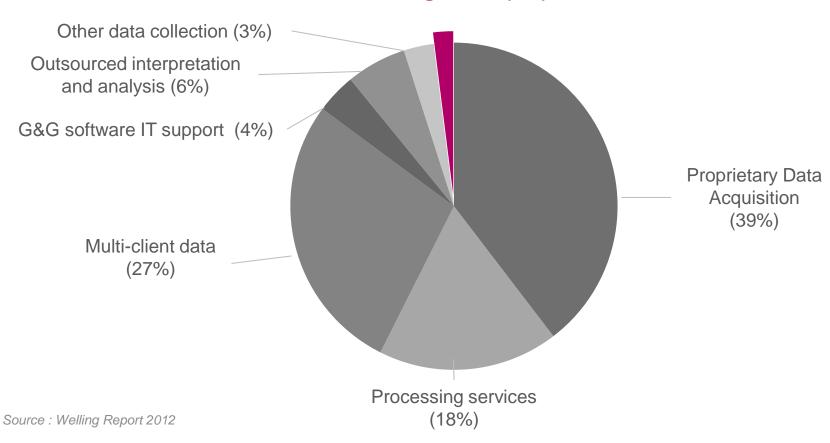
By providing EM data integrated with other subsurface measurements we enable our customers to increase success in their exploration and development programs.



## PLENTY ROOM FOR GROWTH IN A USD 10 BILLION MARKET

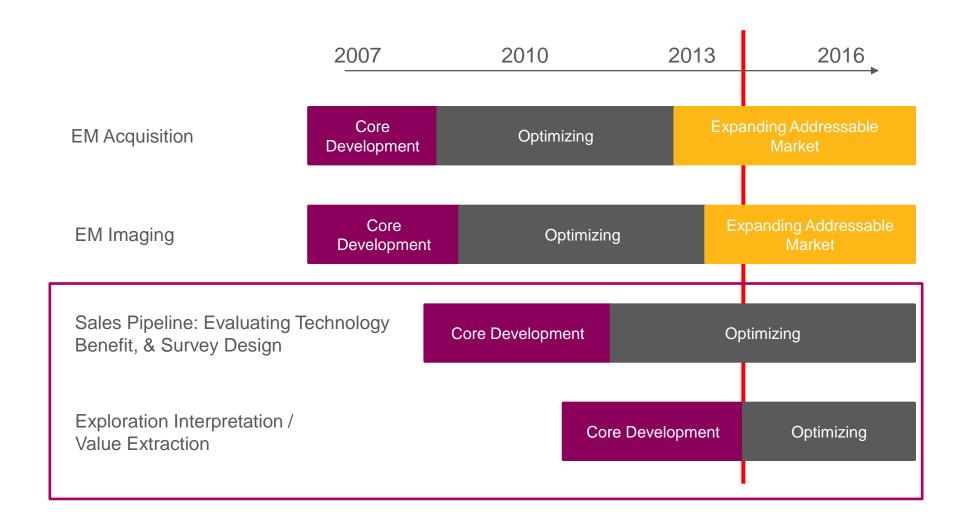
## Marine geophysical expenditure breakdown

#### **Electromagnetics (2%)**





## EM: CAPABILITY MATURITY





## TRIGGERS FOR GROWTH OF EM MARKET



Award of new long term contracts



New customers



Increased revenue from repeat customers



Customer endorsements



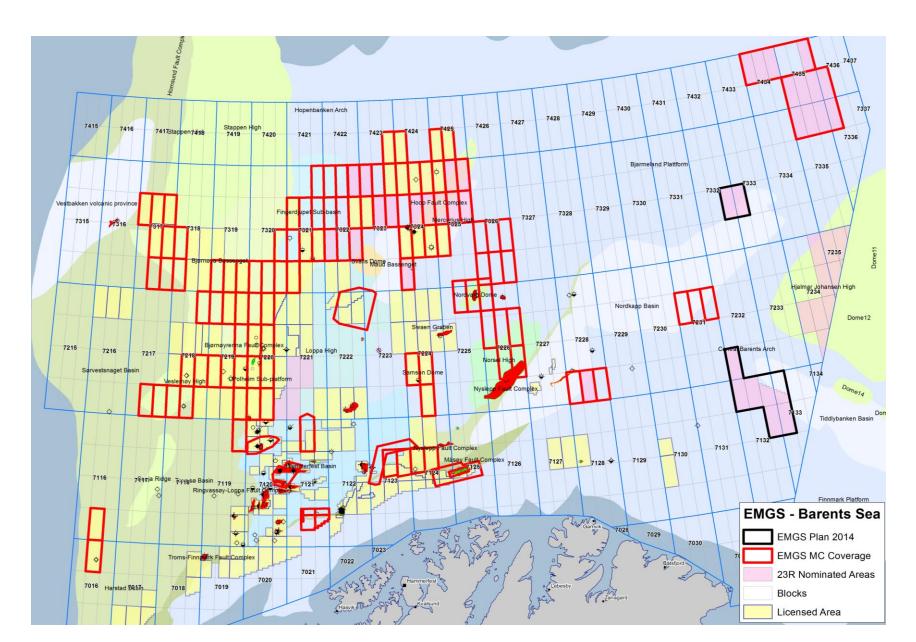
Proven drilling success stories



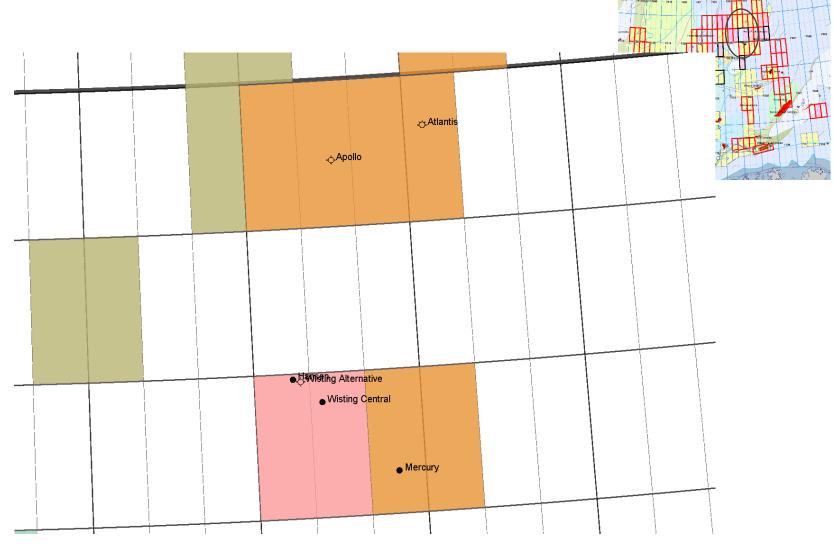
Support of EM from regulatory bodies and governments



# EM IN THE BARENTS SEA – A PROVEN SUCCESS STORY

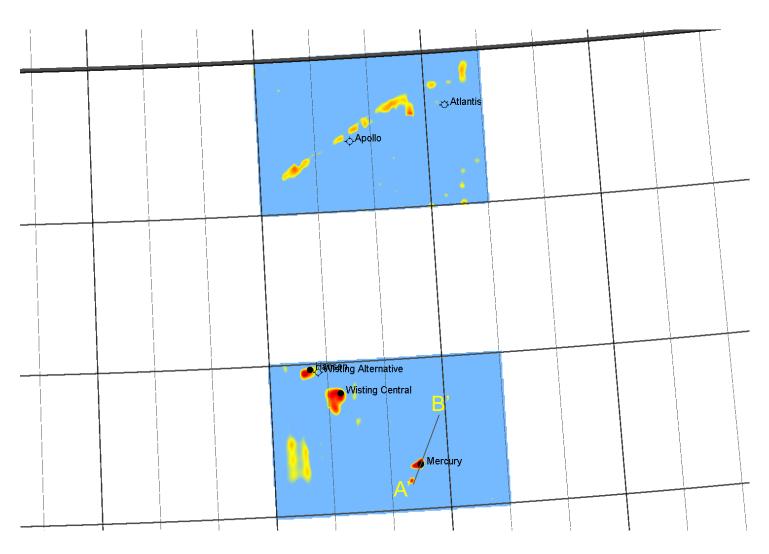


# HOOP - A HOTSPOT OF EXPLORATION ACTIVITY





# EM ANOMALIES ARE SPOT ON





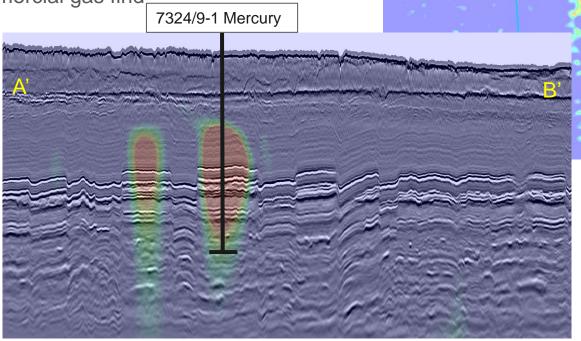
#### EM PREDICTIONS IN THE BARENTS SEA

 All hydrocarbon bearing reservoirs drilled to date have been highly resistive

 Wisting and Hanssen has been correctly predicted as high resistive reservoirs by EM and has opened up a new oil province

 High resolution EM predicted discovery on Mercury – although classified a small non-

commercial gas find,



Hanssen

Wisting A

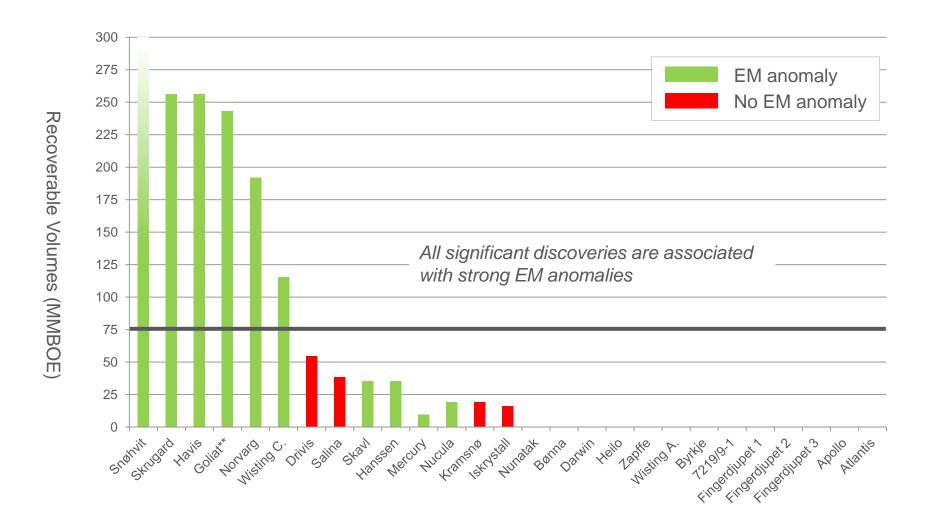
Wisting C





Mercurv

## EXPLORATION IN THE BARENTS SEA





#### EAST CANADA MULTI-CLIENT PROGRAM

- Agreement signed with Nalcor Energy including financial support
- · Acquisition commenced on 25 July
- Expect approximately 3 months,
  ~4,000 km<sup>2</sup> in 2014 and 13,500 km<sup>2</sup> in total
- Calibrate survey to Flemish Pass Basin where recent major oil discoveries have been made by Statoil
- First licencing round expected mid-2015
- Currently soliciting additional partners for the program





Nalcor Energy; the Provincial Energy Corporation of Newfoundland and Labrador



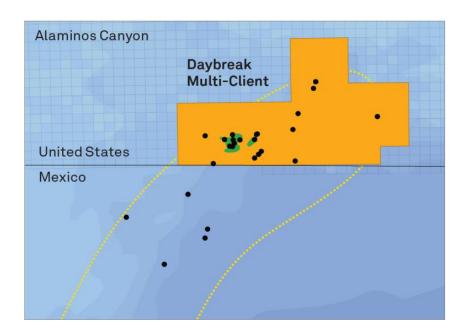
# MULTI-CLIENT PROJECT IN THE US GULF OF MEXICO

#### Daybreak project

- EMGS' first major MC project in the US
- Multi-year program
- 2014 program extended, covering approximately 156 blocks and 3,600 km2
- Access to 2D seismic from TGS
- Attracting sales due to opening of deep water Mexico

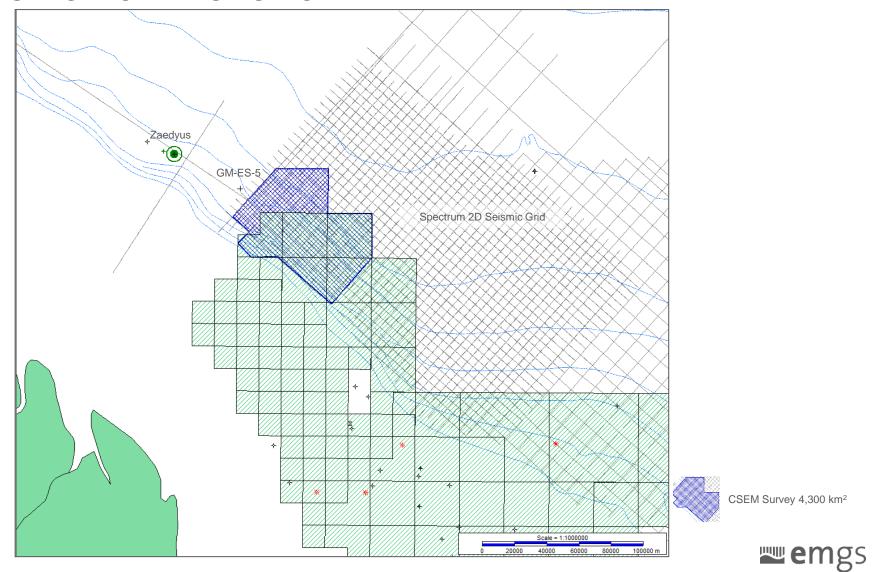
#### **US Gulf of Mexico important multi-client basin**

- Exposure to a wide range of companies
- · Large future potential, annual lease rounds





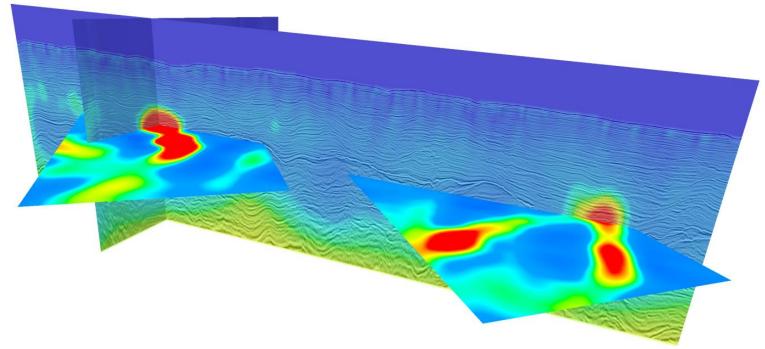
# FOZ DO AMAZONAS 3D CSEM AND SPECTRUM 2D SEISMIC DATA



# CSEM ANOMALY CHARACTERISTICS

#### CSEM anomalies identified in FDA area

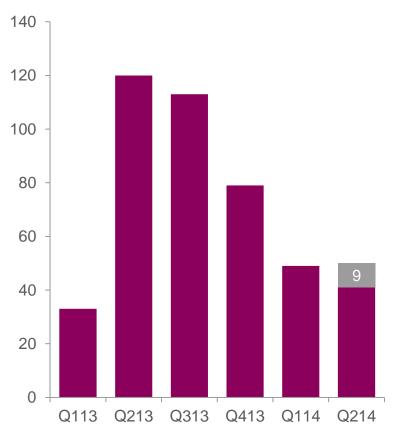
- Most anomalies elongate with branching geometries associated with canyons mapped in the section
- Some canyons have anomalies and some do not
- Some anomalies are not associated with canyon fill and appear deeper in the sections





## MARKET UPDATE

#### Order book (USD Million)



#### **Contract opportunities 2H 2014**

- Good progress on closing 1 major contract in H2
- Final stages of preparing long-term campaign in Asia – Thalassa being mobilised
- Leader awarded \$5.5m contract for Petrobras
- Significant MC sales leads in all key MC areas

#### 2015

- Increased visibility for opportunities in southeast Asia
- EM campaign planned for 1H15 in Uruguay
- Opening up of Mexican shelf expected to increase activity – also MC
- Continue to invest in key multi-client libraries and capitalize on existing investments
- EM becoming established part of geophysical budgets

#### **Market sentiment**

 Negative sentiment for exploration spending challenging



# EMGS: A UNIQUELY POSITIONED INVESTMENT CASE

Strong market Scalable & growth potential flexible business model Technology and market leadership EM and seismic have complementary attributes - the Solid balance sheet integration enables customers to Proven technology and cash position increase drilling success and operational track Equipment platform record MC provides low cost entry for growth Unique market position with more than 700 surveys



