



DYNAMIC POSITIONING CONFERENCE

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TRAINING/COMPETENCY

Adapting to the Downturn: An Examination of How Demand for Training has Changed in Challenging Market Conditions

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DP Committee of the Marine Technology Society

DP Conference 2017

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How Demand for Training has Changed in
Challenging Market Conditions

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Overview

Captain John Lloyd

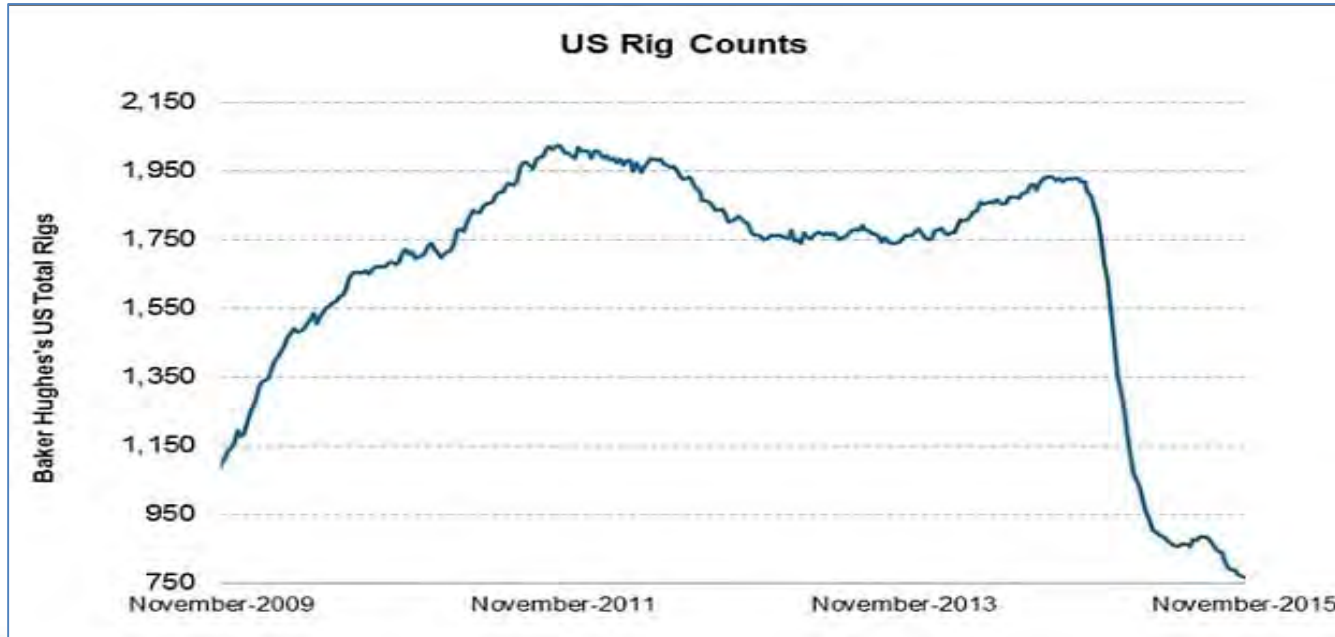


- Impact of energy prices on the market
 - Demand
 - Supply
- Training of DPOs
- A global Perspective
 - Sources of labour
 - Regional comparison
- Conclusion

Energy Prices - Impact

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Demand for Resources



Source: The Telegraph

Impact of the Downturn

- Declining number of operational rigs in the US and around the world.
- Up to 28% of the global offshore fleet in lay-up.
- After a surge in demand for offshore personnel in 2008 the market has fallen sharply.
- Many DPOs finding difficulty in gaining continuous employment.

DPO Training

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Training for DPOs

The Nautical Institute DP Scheme requires:

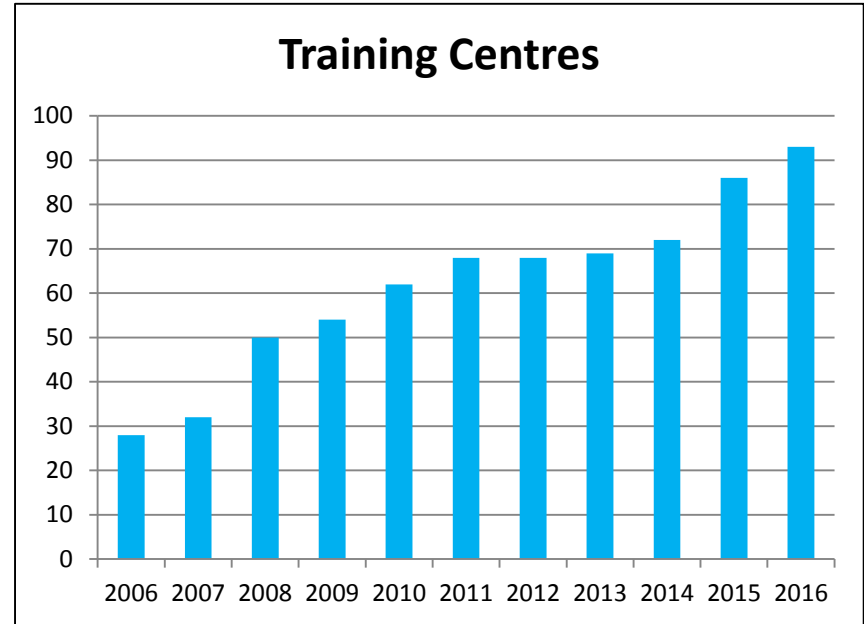
- 120 days on actual dynamic positioning operations
- Over 100 specific tasks to be completed
- Time can be reduced to 90 days with a successful completion of a special simulator course
- For some access to ship board training and experience remains a critical difficulty

A global overview

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A Global Perspective

- Despite the downturn demand for global **training capacity** has increased
- The number of NI accredited DP training centres has continued to rise
- An increase in centres from the **developing world**



Innovations in training

- A centre in Eastern Europe has pioneered the development of a training programme using a dedicated training vessel
- Real DP working conditions and exercises designed to grow the competency of the individual
- Especially beneficial to younger or recently qualified officers training towards initial DP Certification.
- An independent audit was done and its on-board activities were compliant with the requirements of the NI scheme

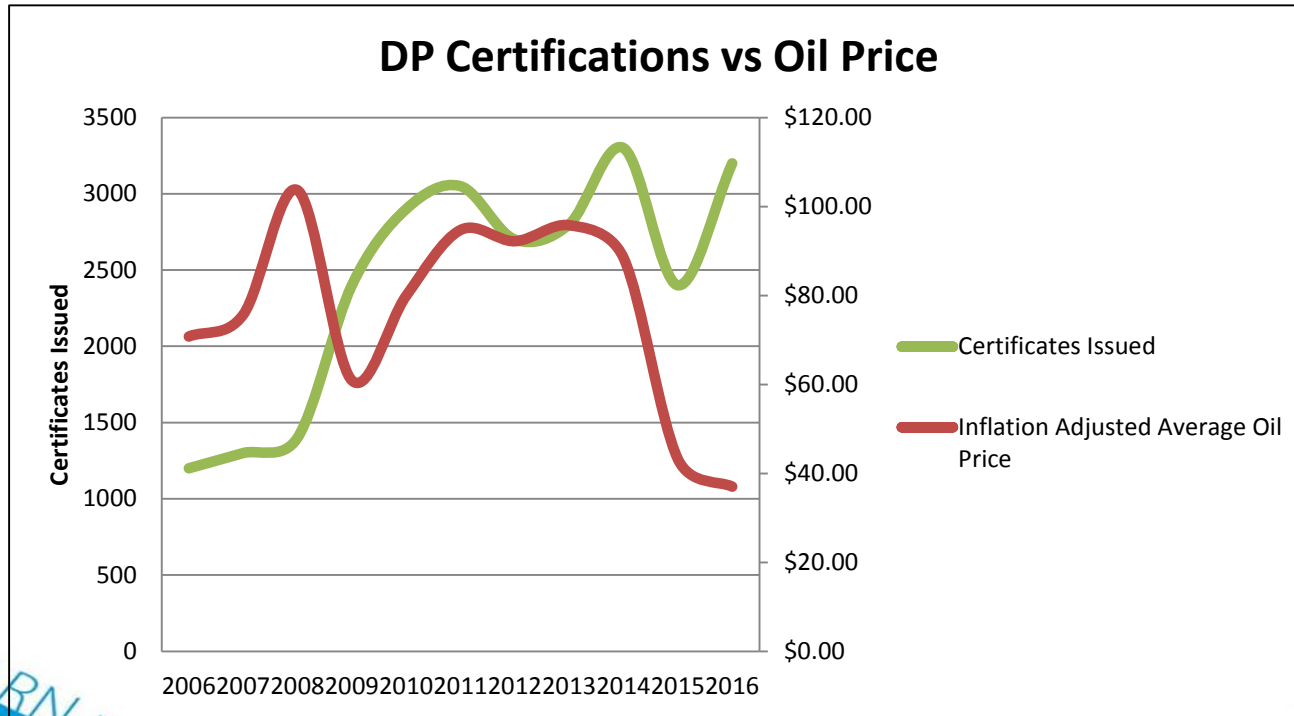
Innovations in training

- Introduction of a Revalidation Course for experienced DPOs
- Development of tailored additional training:
 - Emergency shiphandling for DP Operators
 - Training for technical staff on DP vessels

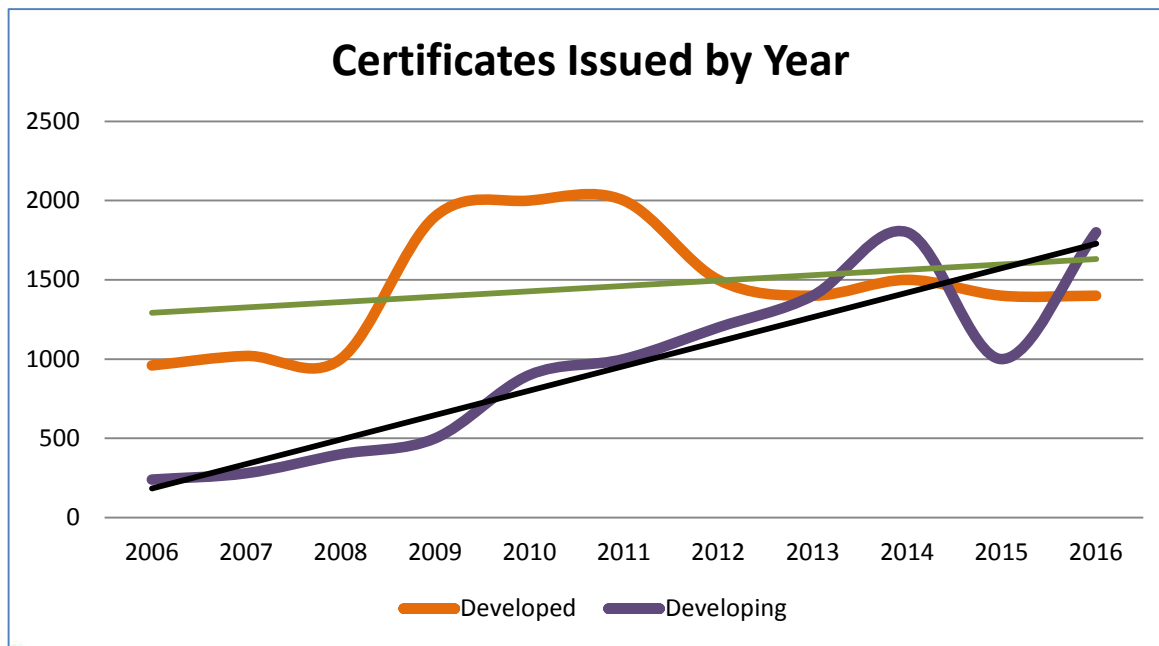
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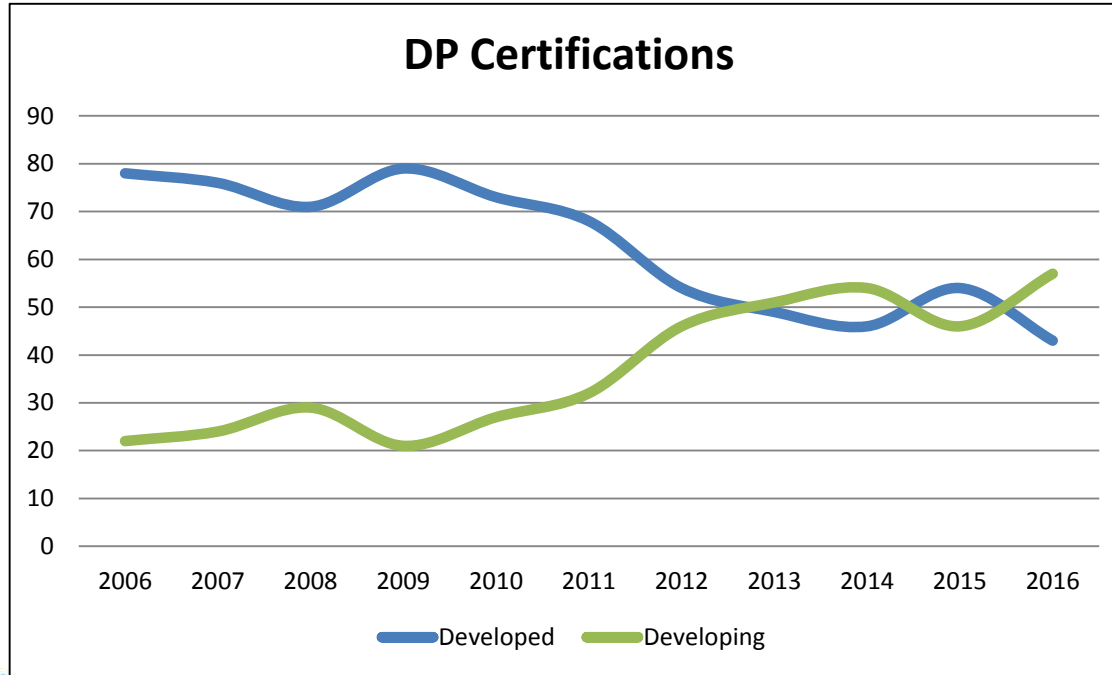
Certification Activity



Where do they come from?



Developing nations – here to stay



Leading Nations

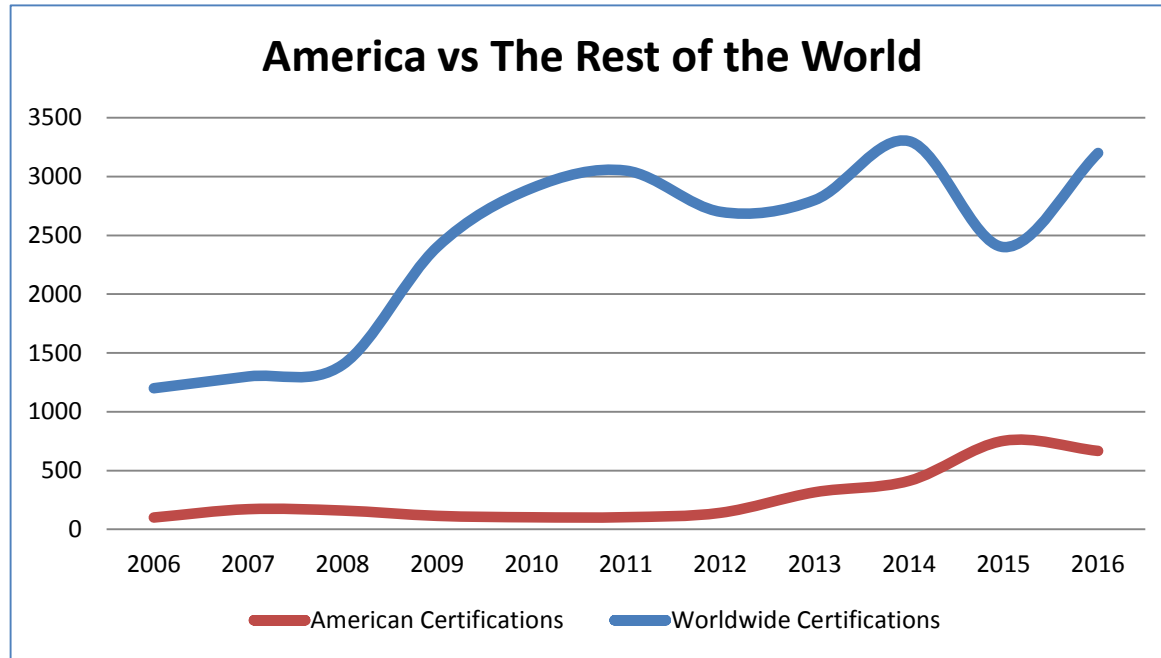
2006

- Norway
- USA
- Poland
- United Kingdom
- Canada
- India

2016

- Brazil
- USA
- India
- Ukraine
- Mexico
- Philippines

A Regional Perspective



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Conclusions

- Despite the downturn the numbers being certificated remain significantly higher in 2016 versus 2006 despite a higher oil price at the time
- The proliferation of training centres in developing nations has been mirrored by a growth in qualified personnel from the developing nations

Conclusions

- The supply and utilisation of personnel from developing nations has withstood the downturn in the industry more strongly than provision of seafarers from developed nations
- The overall picture in the United States shows similar trends to the rest of the world for those seeking internationally accepted qualifications



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