

An 'all hazards approach' to maritime safety and security issues in the context of the Australian offshore oil and gas industry

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Australian Offshore Production

- Most offshore production in the NW maritime approaches
- The 5th largest LNG exporter
- Exports projected to grow 4-fold over the next decade
- Increasing global demand and geopolitical uncertainties may see prices increase further
- A shortage of infrastructure

- Australia has one of the world's largest maritime jurisdictions
- Recently granted

The Human Factor

- Learn from the safety culture
- Australian approach to safety regulation moved from prescription to goal setting:
 - Safety is the responsibility of the operator
- Security regulation is newer but applies a similar philosophy
- Continuous efforts to incorporate a *security culture* to match the quality of the *safety culture*

Technical Factors

- Domain awareness is a key for both safety and security
- AIS was developed as the international standard for ships over 300GT
- Australia seeks a National AIS Strategy to build an integrated picture
- Plans to establish a 24 hour monitoring centre for offshore facilities using AIS data
 - Government and industry working together to benefit safety and security



Conclusion

- The 'all hazards' approach facilitates both safety and security for offshore installations
- The key is to value both safety and security
 - Complementary not competing priorities