



## Key forum themes

1. Success in automation and remote operation is achieved through continued **collaboration and partnership**. Shared learnings between industry and regulators enables success in industry and for regulatory development.
2. Uptake of automation and remote operation is **driven by environmentally-friendly solutions and commercial efficiency**.
3. Proven and assured technology offers **better safety for people** and protection of Australia's marine environment.
4. **Understanding risks** and **implementing risk controls** for remotely operated and autonomous vessel technology is crucial to safe operations.
5. Building **assurance** in the **behaviours and functions of a system**, rather than specific technology, will define a 'safe system'.
6. Regulators need to **enable testing, trials and safe failure** of both technology and regulation.
7. Australian and international laws don't recognise remote and autonomous operation. However there is **flexibility and objective-based solutions** that allow remote and autonomous vessels to operate. These are often underutilised and present opportunities.
8. Automation and remote operation is happening today and **seafarers are essential** to its success. Jobs at sea are changing, with new opportunities emerging alongside technology.
9. Cyber security is an industry issue, but it's important to **regulate the need to detect, respond and recover** from a cyber-attack.

## Next steps:

- AMSA will continue to rollout information, guidance and resources relating to automation and remote operation.
- AMSA is progressing its policy and regulatory work on remotely operated and autonomous vessels in line with its Autonomous Vessels Policy.
- AMSA will explore the implementation of policy for the trials and testing of automation and remote operation in Australian waters.