ARMY
QUANTUM
NEXT
GENERATION
MINESWEEPER
CHALLENGE
2023

TARGET SCANNING

ANALYSING

90%
CONFIDENCE

MINE DETECTED

ANALYSING

Quantum Next Generation (QNG)

2023 Minesweeper Challenge

PitchFest briefing

What is PitchFest?

At the end of the Challenge period, the top teams on the leader board will be invited to deliver a pitch at PitchFest.

Teams will need to explain why their solution should receive funding and outline how they would further develop it ready for demonstration at Army Quantum Technology Challenge 2024.
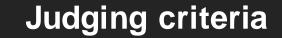
How long is each pitch?

Each team will be allocated 10 minutes to pitch based on the key criteria. There are five key criteria that will be used to assess the pitches, and these are outlined in the following section.

PitchFest details

Date	Tuesday 5 December 2023
Time	1230 – 1500 (AEDT) This includes arriving 30 mins prior to the pitches to test all audio and visual elements with each team
Location	Online via Teams: Join here

PitchFest Agenda

Agenda (AEDT)

1200 – 1230	Tech run and Evaluation Panel briefing
1230 – 1240	Intro and explanation by Lieutenant Colonel Marcus Doherty CSM
1240 – 1330	Teams pitch (10 minutes each)
1330 – 1345	Judging panel breakout for evaluation
1345 – 1400	Colonel Robin Smith OBE, CSC announces winner
1400	Thank you and event conclusion

Army

Criteria 1 – Team

- Team constitution
- Team performance

What the Judges will be assessing:

- The unique mix of skills and experience that elevates the team's capability. Is there something that gives them a distinct advantage?

- How the team has worked together and effectively developed their solution. Is there something exceptional about how the team operates that gives confidence that they will deliver at Quantum Technology Challenge 2024?

Criteria 2 – Idea

- Challenge comprehension
- Solution concept novelty and suitability

What the Judges will be assessing:

- Did the team understand the Challenge: the objective, constraints, and the key factors the define a successful solution?

- What is the quality and novelty of the team's solution concept? Is it distinct? What are its features, advantages and benefits? What are its constraints and limitations? Can it be further enhanced and scaled?

Criteria 3 – Implementation

- Quality
- Quantity

What the Judges will be assessing:

- How far did the team get to in implementing their solution concept in the challenge?

- How accurately did the team implement their solution concept?

- How technically proficient was the team in engineering their solution?

Criteria 4 – Results

- Score and metrics
- Interpretation of these results and implications for the solution concept

What the Judges will be assessing:

- What was the team's score and how did their solution perform in terms of its accuracy and precision in finding the landmines?

- What did and didn't work and what conclusions can be drawn about the suitability of their solution concept and its further development?

Criteria 5 – Next steps

- Identify key challenges
- Plan for further development: Suitability and Feasibility

What the Judges will be assessing:

- Has the team identified the key challenges that need to be addressed to progress their solution to the next level?

- Has the team devised a feasible plan that will address those challenges and deliver a convincing demonstration at the Quantum Technology Challenge 2024?

- Does the plan meet the timelines and budget?