

Presentation to State Parties on the
UK's Phase 2 Falkland Islands Land
Release Pilot Programme

1 Jan – 31 Mar 12

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DPO provided by Fenix Insight Ltd

Falkland Islands



Phase 2 Pilot Programme

- Land Release Programme; not mine clearance.
- Objectives
 - To release land currently restricted from community use.
 - To gain further data & information to build on phase 1 knowledge.
 - To provide community confidence on the land release process.
 - To pilot methodologies for releasing suspect land in a cost efficient & environmentally acceptable way.

Key Phase 1 Data

- Gained confidence in Argentine Minefield (MF) Records/Plans & laying characteristics.
- Gained information on likely mine movements due to environmental factors.
- Established that modern detectors could not detect MMMs to contract depth (20 cm).
- Effects on the environment.

Community Involvement and Confidence

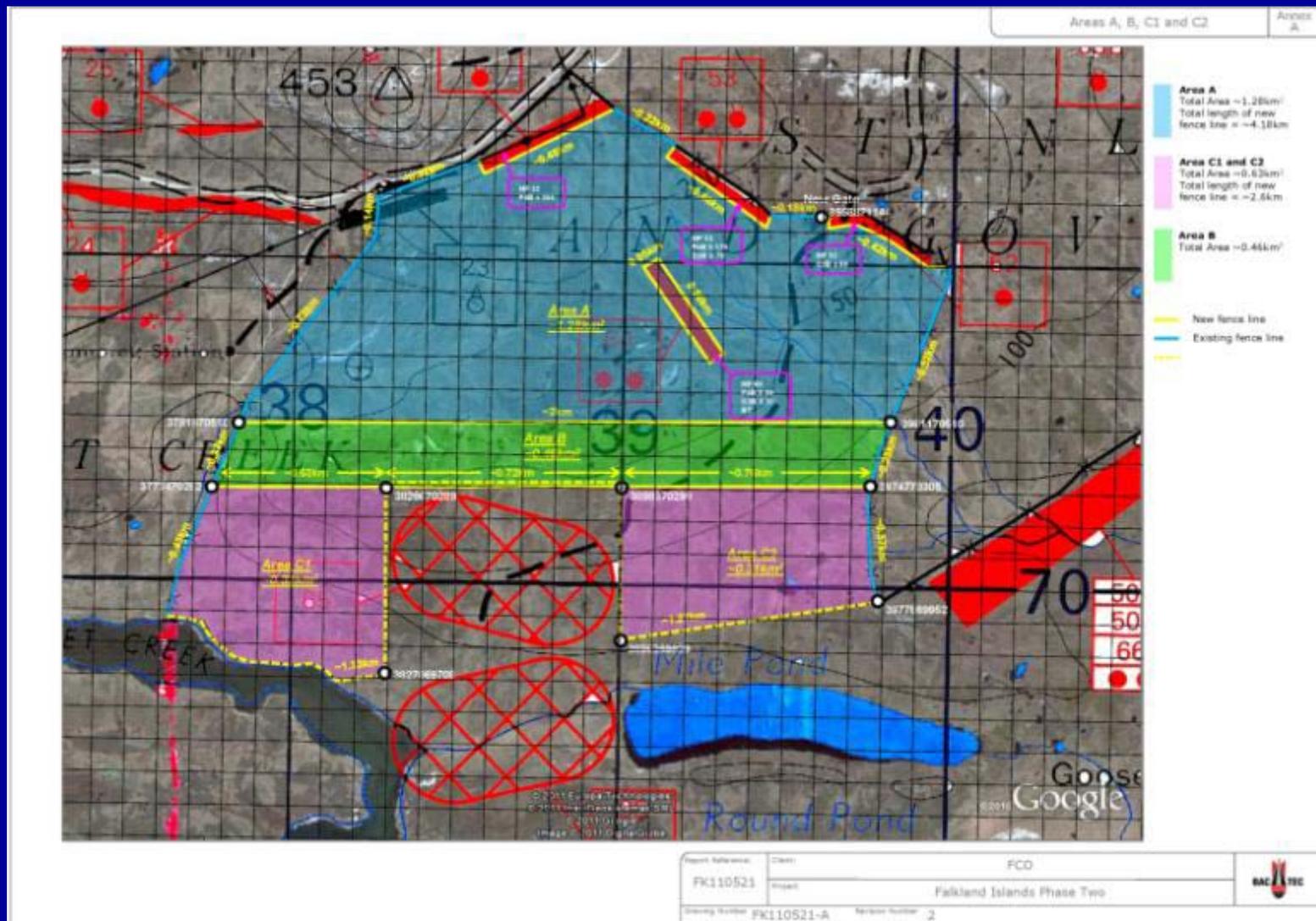
- Involved FIG in area to be released decision.
- Close cooperation with FIG on contract issues (BACTEC International selected as LRC).
- Formation of SHA Land Release Committee (SHALARC). Members:
 - DPO Programme Manager (Chair)
 - BACTEC PM
 - Key FIG officials, Military and Govt House

Land Release Approach

- Feasibility Study identified low risk suspect areas for land release as a priority.
- Adopted most up to date approach to land release using a Site Implementation Plan (SIP).
- SIP fully documented decisions made by BACTEC:
 - Comprehensive non-technical review of all available evidence including reports & Minefield Records/Plans.
 - Review of information/data from phase 1 pilot.
 - Analysis of mine types, detectability, laying profiles, resources available + Risk Assessment.
 - Initial Review Process by DPO, then SHALARC.
 - SIP updated if new information came to light.
 - Final Management Review after ops complete by SHALARC.

The Land Release Programme

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BACTEC's Methodology

- Flail 5m around 4 MFs
- Fence around MFs



BACTEC's Methodology Cont'd

- Instrument aided visual search of LTAs.
- Deep AGS digital survey over 6 – 12.5% LTAs



Quality Management

- DPO conducted accreditation checks on BACTEC systems and procedures prior to deployment. Final accreditation awarded after practical testing on island.
- Quality monitoring conducted on daily basis. Regular formal QA audits against SOPs, Quality and S&OH Plans.
- Quality Control random sampling of land using IMAS 09.20 (LU 1, Tightened regime reduced to normal after 2 successful lots). No NCs.

Project Extension



Project Extension

- Reviewed and updated the SIP.
- Involved fencing SHA through a pond.
- Consulted SHALARC.



Corral Opening



Results

- Minimum expected by the client was 174 Ha. Actually achieved 371 Ha in 66 working days.
- Located and destroyed 79 items of UXO.
- 17% of the restricted land released.
- Iconic listed landmark returned to community



Operational Lessons Learned

- Even though summer had been dry, heavy machinery requires wide/swamp tracks.
- Because of 11,000 Km logistic chain, need redundancy in key mechanical items.
- Weather better than phase 1; led to greater output. However, remains unpredictable.

Key Issues established from Phase 2 Pilot Programme 2012

- FIG have confidence in the process.
- FIG and community involvement through SHALARC essential.
- Getting common land back to the community is a priority for the islanders.
- Possibility of “hybrid” approach in future.
- Trialling mechanical processes to see the effects on environment fundamental.

Thank you

