



Ministry
of Defence

Defence Equipment & Support
Secretariat
Maple 0a, #2043
MOD Abbey Wood
Bristol BS34 8JH



Email: DESSEC-PolSecLE-JSC-Wpns@mod.gov.uk



Our Reference:
FOI2019/06870

Date:
28 June 2019

Dear

Thank you for your email to the Ministry of Defence (MOD) of 11 June 2019 about the installation of radar as part of Project Marshall. It has been handled in accordance with the Freedom of Information (FOI) Act 2000. Your request specifically asks:

In 2015 in response to FOI requests, the wind industry was provided with a snapshot of the Project Marshall ATC radar upgrade deployment programme. We have been given to understand that there have been revisions to that programme since 2015. I therefore request the following information, as at the date of this email:

- ***the type and model of the radar to be installed***
- ***the planned time of upgrade and/or replacement***
- ***the estimated time to undertake the upgrade and/or replacement at each site / anticipated commissioning date at the following sites:***

RAF Spadeadam (Dead Water Fell)
Culdrose
Aberporth
Mount Pleasant (Falklands)
RAF Marham
Portland
RAF Shawbury
Odiham
Wembury Point
Gibraltar
RAF Spadeadam (Berry Hill)
Valley
RAF Coningsby

Brize Norton
RAF Cranwell
Wattisham
Akrotiri
RAF Lossiemouth
Benson
Porton Down (tower hill)
St Kilda
RAF Linton-on-Ouse
West Freugh
RAF Wittering
RAF Leuchars

I can confirm that the MOD holds information falling within the scope of your request. This is provided in the attached table (Annex A).

If you are not satisfied or you wish to complain about any aspect of the handling of your request, then you should contact us in the first instance at the address above. If informal resolution is not possible and you are still dissatisfied then you may apply for an independent internal review by contacting the Information Rights Compliance team, Ground Floor, MOD Main Building, Whitehall, SW1A 2HB (e-mail CIO-FOI-IR@mod.uk). Please note that any request for an internal review must be made within 40 working days of the date on which the attempt to reach informal resolution has come to an end.

If you remain dissatisfied following an internal review, you may take your complaint to the Information Commissioner under the provisions of Section 50 of the Freedom of Information Act. Please note that the Information Commissioner will not normally investigate your case until the MOD internal review process has been completed. Further details of the role and powers of the Information Commissioner can be found on the Commissioner's website, <http://www.ico.org.uk>.

Yours sincerely



Project Marshall - Installation of new and upgraded radars at MOD sites

Site	Planned start date for transition work (correct at June 2019 but subject to change in accordance with the Marshall contract)	Planned date of commission or to complete the upgrade and/or replacement. (correct at June 2019 but subject to change in accordance with the Marshall contract).	Type & Model of Radar
RAF Akrotiri	Quarter (Q) 2 2020	Quarter (Q) 1 2022	Co-mounted Thales Star NG PSR, SSR (Thales RSM970S)
RAF Aberporth	Q1 2020	Q4 2020	Co-mounted Thales Star NG PSR, SSR (Thales RSM970S)
RAF Benson	Q1 2020	Q1 2021	Thales Star NG PSR
RAF Brize Norton	Q1 2020	Q1 2021	Thales Star NG PSR
RAF Coningsby	Q4 2019	Q4 2020	Thales Star NG PSR
RAF Cranwell	Q2 2019	Q2 2020	Thales Star NG PSR
RNAS Culdrose	Q3 2019	Q3 2020	SSR (Thales RSM970S)
	Q4 2020	Q3 2021	BAE Watchman PSR
Gibraltar	Q4 2020	Q4 2021	Co-mounted Thales Star NG PSR, SSR (Thales RSM970S)
RAF Leuchars	Under review	Under review	Under review
RAF Linton-on-Ouse	Q1 2021	Q1 2022	Thales Star NG PSR
RAF Lossiemouth	Q4 2019	Q3 2021	Thales Star NG PSR
RAF Marham	Q1 2019	Q2 2020	Thales Star NG PSR
RAF Odiham	Q1 2020	Q1 2021	Thales Star NG PSR
RAF Mount Pleasant	Q1 2021	Q4 2021	Thales Star NG PSR
RNAS Portland	Q3 2020	Q2 2021	SSR (Thales RSM970S),
	Q1 2021	Q4 2021	BAE Watchman PSR
Porton Down	Under review	Under review	Thales Star NG PSR
RAF Shawbury	Q1 2019	Q4 2019	Thales Star NG PSR

Site	Planned start date for transition work (correct at June 2019 but subject to change in accordance with the Marshall contract)	Planned date of commission or to complete the upgrade and/or replacement. (correct at June 2019 but subject to change in accordance with the Marshall contract).	Type & Model of Radar
RAF Spadeadam (Dead Water Fell)	Q2 2019	Q4 2021	Upgrade existing radar to Thales STAR NG PSR
RAF Spadeadam (Berry Hill)	Q3 2019	Q1 2021	Co-mounted Thales Star NG PSR, SSR (Thales RSM970S)
RAF St Kilda	Q2 2020	Q1 2021	Co-mounted Thales Star NG PSR, SSR (Thales RSM970S)
RAF Valley	Q3 2019	Q3 2020	Thales Star NG PSR
RAF Wattisham	Q2 2019	Q2 2020	Thales Star NG PSR
RAF Wembury	Q3 2019	Q3 2020	SSR (Thales RSM970S),
	Q4 2020	Q3 2021	BAE Watchman PSR
RAF West Freugh	Q3 2020	Q2 2021	Thales Star NG PSR
RAF Wittering	Under review	Under review	Under review