

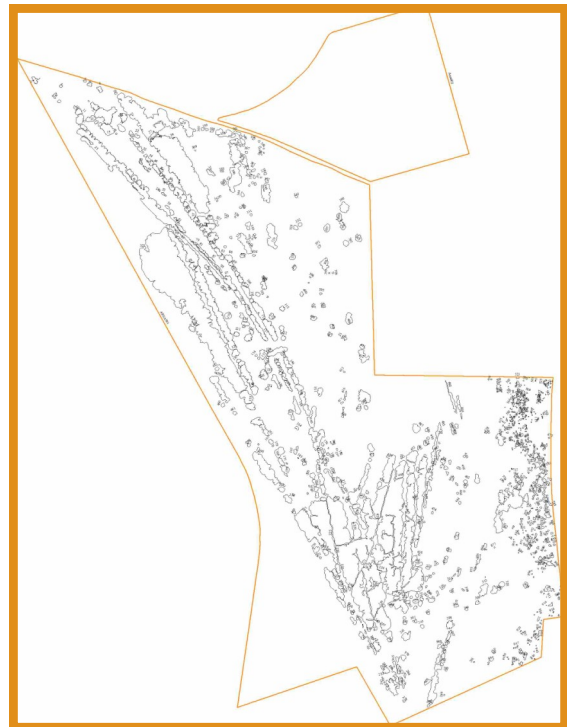
DUNGENESS - FREEDOM GROUP LTD

The environment at Dungeness, Kent, UK, is very unique being technically classified as the UK's only desert. This means that the area is very sensitive to environmental change. Due to this the vegetation there needs to be closely monitored so that changes, however small or large, can be closely measured.



A TEC-3D were contracted by Freedom Infrastructure Services to carry out an aerial survey of the site just to the North East of the nuclear power station. Working in this area meant that ATEC had to liaise with the security services at the power station and also with Air Traffic Control with nearby airport, Lydd. This developed a good working relationship with both organizations meaning that ATEC are now regularly allowed to carry out work in these restricted fly areas.

The survey at Dungeness focused an invasive species of Heather that is now predominant on the headland. It aimed to use UAV mapping to identify all the areas of the invasive species and measure the area of each plant, thus arriving at a total area (km²) value for the plant. This survey is set to be a monitoring job meaning that once a year for 5 years the exact same area will be surveyed to measure the growth or decline of the species.



Project	das-151011-dungeness-stitch-compleat
Processed	2015-10-15 23:25:41
Average Ground Sampling Distance (GSD)	3.53 cm / 1.39 in
Area Covered	2.7877 km ² / 278.771 ha / 1.0769 sq. mi. / 689.215 acres
Time for Initial Processing (without report)	07h:14m:33s



ATEC-3D