

FISH TERMINOLOGIES

Archaeological Event Type Thesaurus

Report Format: Hierarchical listing - alpha

Notes: For the recording of archaeological and architectural investigative, data collection exercises.

Date: February 2020



3D SEISMIC SURVEY

- SN A maritime technique similar in theory to sub bottom profilers, however for 3D seismic surveys the receiver array is more complex involving multiple receivers so that a volume of sediment is studied rather than a single 2D line.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY
- RT SUB BOTTOM PROFILING SURVEY

ACOUSTIC GROUND DISCRIMINATING SYSTEM

- SN An extra processing unit which can be used in conjunction with single beam echo sounders to determine the roughness and hardness of the seafloor. Mainly used for marine biology, but has been used in archaeology.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY

AERIAL PHOTOGRAPH INTERPRETATION

- SN The interpretation of information on aerial photographs usually resulting in the production of maps and records of archaeological sites and landscapes. Many aerial photographs may be consulted for a single analytical survey.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS
- RT AERIAL PHOTOGRAPHY

AERIAL PHOTOGRAPHY

- SN The taking of photographs from above using photographic equipment mounted on, or used from an aircraft or other airborne vehicle.
- CL NON INTRUSIVE EVENT
- BT AERIAL RECONNAISSANCE
- NT CONVENTIONAL AERIAL PHOTOGRAPHY
MULTI SPECTRAL AERIAL PHOTOGRAPHY
- RT AERIAL PHOTOGRAPH INTERPRETATION

AERIAL RECONNAISSANCE

- SN Airborne survey to discover, record and monitor archaeological sites and other heritage assets. Sites will usually be recorded by aerial photography.
- CL NON INTRUSIVE EVENT
- BT REMOTE SENSING
- NT AERIAL PHOTOGRAPHY
LIDAR SURVEY

Airborne Laser Scanning

USE **LIDAR SURVEY**

AIRBORNE LASER SCANNING SURVEY

- SN The interpretation of visualisations derived from Airborne Laser Scanning, or LiDAR, data usually resulting in the identification of archaeological features and landscapes.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS
- RT LIDAR SURVEY

Airborne Lidar Survey

USE **LIDAR SURVEY**

ANALYTICAL BUILDINGS RECORD (LEVEL 3)

- SN Visual, descriptive and analytical record of a building, usually interior and exterior. Equivalent to Historic England Level 3.

- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (ENGLAND)

ANALYTICAL EARTHWORK SURVEY

- SN The accurate survey and analytical depiction of earthworks and their relative chronological relationships by means of hachures and related symbols.
- CL NON INTRUSIVE EVENT
- BT SURVEY
- RT TOPOGRAPHIC SURVEY

ANTIQUARIAN OBSERVATION

- SN Observations made by antiquarians (Those who studied sites and landscapes prior to archaeology and architectural history becoming established disciplines in the 19th century) and reported through publication or from unpublished manuscripts.
- CL NON INTRUSIVE EVENT
- BT OBSERVATION

ARCHAEOLOGICAL INTERVENTION

- SN Any activity, undertaken by professional archaeologists or experienced amateurs, that has a physical impact, actual or potential, upon the archaeological resource, substituting the physical resource with recorded information.
- CL INTRUSIVE EVENT
- NT AUGER SURVEY
BOREHOLE SURVEY
EVALUATION
EXCAVATION
FIELD OBSERVATION (MONITORING)
GRAB SAMPLING
METAL DETECTING USE
SALVAGE RECORDING
WATCHING BRIEF

ARCHAEOLOGICAL SAMPLING

- SN Removal of samples from in situ deposits for dating analysis by studying the remnant magnetism contained within the deposit.
- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL SAMPLING

ARCHITECTURAL SURVEY

- SN Recording and analysis of built structures utilising close observation as well as manual or electronic survey equipment such as GPS and REDM (Reflectorless Electromagnetic Distance Measurement). Includes research, fieldwork and a report.
- CL NON INTRUSIVE EVENT
- BT SURVEY
- RT BUILDING SURVEY
MEASURED SURVEY

ASSESSMENT AND ANALYSIS

- SN Programmes of research that seek to identify the archaeological and/or architectural significance of a site or landscape.
- CL NON INTRUSIVE EVENT
- NT AERIAL PHOTOGRAPH INTERPRETATION
AIRBORNE LASER SCANNING SURVEY
BUILDING FABRIC ANALYSIS
CONDITION SURVEY
CONSERVATION AREA APPRAISAL

DESK BASED ASSESSMENT
 DOCUMENTARY RESEARCH
 ENVIRONMENTAL IMPACT ASSESSMENT
 HERITAGE ASSESSMENT
 HISTORIC AREA ASSESSMENT
 HISTORIC LANDSCAPE CHARACTERISATION
 HISTORIC SEASCAPE CHARACTERISATION
 HISTORIC URBAN CHARACTERISATION
 MANAGEMENT SURVEY
 POST EXCAVATION ASSESSMENT
 THEMATIC SURVEY

AUGER SURVEY

- SN Transect or area-based arrangements of drilled auger-holes used to describe deposits and collect samples.
- CL INTRUSIVE EVENT
- BT NON ARCHAEOLOGICAL INTERVENTION
 ARCHAEOLOGICAL INTERVENTION
 ENVIRONMENTAL INTERVENTION
- RT BOREHOLE SURVEY
 CORE SAMPLING

BASIC BUILDING SURVEY (LEVEL 1)

- SN A written description of the structure including archive assessment supported by drawn and photographic evidence including a ground plan.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (SCOTLAND)

BATHYMETRIC SURVEY

- SN A maritime investigation that records depth data which can be used to map submerged topography utilising echo sounders which emit a short acoustic pulse. Depth is calculated by measuring the time taken for the pulse to be reflected back to the transducer.
- CL NON INTRUSIVE EVENT
- BT SONAR SURVEY

BOREHOLE SURVEY

- SN Type of survey involving the drilling of deep and narrow shafts in the ground used to describe deposits, understand stratigraphy and collect cores samples.
- CL INTRUSIVE EVENT
- BT NON ARCHAEOLOGICAL INTERVENTION
 ARCHAEOLOGICAL INTERVENTION
 ENVIRONMENTAL INTERVENTION
- RT AUGER SURVEY
 CORE SAMPLING

BOSING SURVEY

- SN A subsurface detection method performed by striking the ground with a heavy wooden mallet or a lead-filled container on a long handle.
- CL NON INTRUSIVE EVENT
- BT SURVEY

Bottom Classification Sonar

USE **SIDE SCAN SONAR SURVEY**

BOX TRENCHING

- UF Grid Excavation
- SN A system of excavation, developed by Mortimer Wheeler, whereby a site was uncovered by means of a grid of square trenches with baulks between them to aid the recording of the stratification of all four sides of each trench.

- CL INTRUSIVE EVENT
- BT EXCAVATION

Building Elevation Survey

USE **BUILDING SURVEY**

BUILDING FABRIC ANALYSIS

- SN The recording and analysis of the fabric of a structure or building
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

Building Plan Survey

USE **BUILDING SURVEY**

Building Recording

USE **BUILDING SURVEY**

BUILDING SURVEY

- UF Building Elevation Survey
 Building Plan Survey
 Building Recording
 Cross Sectional Building Survey
- SN A descriptive survey involving the systematic measurement and recording of the dimensions or features of a building. Where the survey is accompanied by systematic investigation and analysis, use Architectural Survey.
- CL NON INTRUSIVE EVENT
- BT SURVEY
- RT ARCHITECTURAL SURVEY
 MEASURED SURVEY

BUILDINGS APPRAISAL

- SN A preliminary assessment of a building or structure, often carried out as pre-application work, including an archive assessment, a general description of the structure, photographs and an annotated ground plan.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (SCOTLAND)

BUILDINGS INVESTIGATION (ENGLAND)

- SN The process of investigating and recording historic buildings for the purposes of historical understanding.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS RECORDING AND INVESTIGATION
- NT ANALYTICAL BUILDINGS RECORD (LEVEL 3)
 COMPREHENSIVE ANALYTICAL BUILDINGS RECORD
 DESCRIPTIVE BUILDINGS RECORD (LEVEL 2)
 VISUAL BUILDINGS RECORD (LEVEL 1)

BUILDINGS INVESTIGATION (SCOTLAND)

- SN The process of investigating and recording historic buildings for the purposes of historical understanding.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS RECORDING AND INVESTIGATION
- NT BASIC BUILDING SURVEY (LEVEL 1)
 BUILDINGS APPRAISAL
 COMPREHENSIVE BUILDING SURVEY (LEVEL 4)
 DETAILED BUILDING SURVEY (LEVEL 3)
 ENHANCED BUILDING SURVEY (LEVEL 2)

BUILDINGS RECORDING AND INVESTIGATION

- SN Includes the processes for investigating and recording historic buildings. Differences in

terminology may apply to the recording of buildings due to the approach taken. As such, concepts in this hierarchy may be country specific.

- CL NON INTRUSIVE EVENT
- BT SURVEY
- NT BUILDINGS INVESTIGATION (ENGLAND)
- BUILDINGS INVESTIGATION (SCOTLAND)

Burial Ground Survey

USE **GRAVEYARD SURVEY**

CASUAL OBSERVATION

- SN The unplanned observation of archaeological features or the recovery of artefacts of interest, for example either random finds by members of the public or the unplanned observation of archaeological features during the course of unmonitored developments.
- CL INTRUSIVE EVENT
- BT NON ARCHAEOLOGICAL INTERVENTION

COMPREHENSIVE ANALYTICAL BUILDINGS RECORD

- SN Visual and descriptive record of a building, drawing on the full range of sources and including consideration of significance. Equivalent to Historic England Level 4.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (ENGLAND)

COMPREHENSIVE BUILDING SURVEY (LEVEL 4)

- SN A comprehensive written report drawing together the evidence from the recording programme, archive research and consideration of the historical and landscape context supported by measured plans and elevations and a thorough photographic survey.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (SCOTLAND)

CONDITION SURVEY

- SN Programmes of investigation which assess and record the condition of heritage assets.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

CONSERVATION AREA APPRAISAL

- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

Contour Survey

USE **TOPOGRAPHIC SURVEY**

CONVENTIONAL AERIAL PHOTOGRAPHY

- SN Capturing visible spectrum photographs or images of monument features or character using still or motion cameras from an aircraft or other airborne vehicle or apparatus. Covers both digital and film-based cameras.
- CL NON INTRUSIVE EVENT
- BT AERIAL PHOTOGRAPHY

CORE SAMPLING

- SN The retrieval of samples for laboratory analysis from buried features that have been sampled using boring equipment.
- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL SAMPLING
- NT GRAVITY CORE

- VIBRO CORE
- RT AUGER SURVEY
- BOREHOLE SURVEY

Cross Sectional Building Survey

USE **BUILDING SURVEY**

DENDROCHRONOLOGICAL SURVEY

- SN The extraction of wood samples for dating analysis. Tree ring dating is the science of dating cultural and environmental events in the past by comparative study of the growth rings in trees and aged wood.
- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL INTERVENTION
- RT TIMBER SAMPLING

DESCRIPTIVE BUILDINGS RECORD (LEVEL 2)

- SN Visual and descriptive record of a building, usually interior and exterior. Equivalent to Historic England Level 2.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (ENGLAND)

DESK BASED ASSESSMENT

- SN A programme of assessment of the known or potential archaeological resource within a specified area or site on land, inter-tidal zone or underwater by the consultation and collation of existing written, graphic, photographic and electronic data.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

DETAILED BUILDING SURVEY (LEVEL 3)

- SN A descriptive account of the building supported by detailed archive research, annotated measured plans and elevations and a detailed photographic record.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (SCOTLAND)

DIVER INSPECTION

- SN An assessment of a known wreck or underwater archaeological site through diving.
- CL NON INTRUSIVE EVENT
- BT OBSERVATION

DOCUMENTARY RESEARCH

- SN Programmes of research or investigation involving the examination of primary documentary material to inform the understanding of heritage assets.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

DOWSING SURVEY

- SN The supposed detection of subsurface features by employing a twig, copper rod, pendulum, or other instrument. Discontinuous movements in these instruments are believed by some to record the existence of buried features.
- CL NON INTRUSIVE EVENT
- BT SURVEY

EARTH RESISTANCE (RESISTIVITY) SURVEY

- UF Earth Resistance Survey
- Electrical Survey
- Geophysical Resistivity

- Resistivity Survey
- SN Examination, recording and plotting of variations in the electrical resistivity of soils in order to locate and define buried features.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY
- RT ELECTRICAL RESISTIVITY TOMOGRAPHY
ELECTROMAGNETIC SURVEY

Earth Resistance Survey

USE **EARTH RESISTANCE (RESISTIVITY) SURVEY**

Electrical Resistivity Imaging Survey

USE **ELECTRICAL RESISTIVITY TOMOGRAPHY**

ELECTRICAL RESISTIVITY TOMOGRAPHY

- UF Electrical Resistivity Imaging Survey
Resistivity Profile
- SN A geophysical technique for imaging subsurface structures in cross section from electrical measurements made at the surface, or by electrodes in one or more boreholes.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY
- RT EARTH RESISTANCE (RESISTIVITY) SURVEY

Electrical Survey

USE **EARTH RESISTANCE (RESISTIVITY) SURVEY**

ELECTROMAGNETIC SURVEY

- SN Technique using electromagnetic fields to map subsurface electrical conductivity anomalies. Can be used as a high-sensitivity metal detector.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY
- RT EARTH RESISTANCE (RESISTIVITY) SURVEY

ENHANCED BUILDING SURVEY (LEVEL 2)

- SN A written, drawn and photographic record, including a ground plan and elevations to produce an adequate record of the structure.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (SCOTLAND)

ENVIRONMENTAL IMPACT ASSESSMENT

- SN An information gathering exercise to facilitate an understanding of the potential environmental impact of a development proposal; includes the collation of specialist reports from a variety of disciplines.
- CL NON INTRUSIVE EVENT
- BT ASSESSMENT AND ANALYSIS

ENVIRONMENTAL INTERVENTION

- SN Intervention into the archaeological resource intended to gather information about past ecologies and economies, formation processes, and to retrieve material for scientific dating purposes.
- CL INTRUSIVE EVENT
- NT AUGER SURVEY
BOREHOLE SURVEY
DENDROCHRONOLOGICAL SURVEY
ENVIRONMENTAL SAMPLING
GEOCHEMICAL SURVEY
TIMBER SAMPLING

ENVIRONMENTAL SAMPLING

- SN Removal of samples from deposits, including

archaeological contexts to recover information about past environments and economies, retrieve material for scientific dating and for the investigation of the deposits themselves e.g. formation processes.

- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL INTERVENTION
- NT ARCHAEOLOGICAL SAMPLING
CORE SAMPLING
MONOLITH SAMPLING

EVALUATION

- SN A limited programme of intrusive fieldwork which determines the presence or absence of archaeological features, structures, deposits, artefacts or ecofacts within a specified area or site on land or within the inter-tidal zone.
- CL INTRUSIVE EVENT
- BT ARCHAEOLOGICAL INTERVENTION
- NT TEST PIT
TRIAL TRENCH
UNDERWATER EVALUATION

EXCAVATION

- SN Controlled intrusive fieldwork which examines, records and interprets archaeological deposits, features and structures and, as appropriate, retrieves artefacts and ecofact remains within a specified area or site on land or within the inter-tidal zone.
- CL INTRUSIVE EVENT
- BT ARCHAEOLOGICAL INTERVENTION
- NT BOX TRENCHING
OPEN AREA EXCAVATION
RESCUE EXCAVATION
RESEARCH EXCAVATION
STRIP MAP AND SAMPLE
UNDERWATER EXCAVATION

FIELD OBSERVATION (MONITORING)

- SN Periodic visits being made to a site by an archaeologist to record archaeological deposits and recover finds that have come to light since the previous visit. An archaeological presence is not maintained during groundwork as it is with a watching brief.
- CL INTRUSIVE EVENT
- BT ARCHAEOLOGICAL INTERVENTION
- RT WATCHING BRIEF

FIELD OBSERVATION (VISUAL ASSESSMENT)

- UF Visual Inspection
- SN A site visit to ascertain the nature and extent of the site and its surrounding environs by means of a visual inspection from which a written and/or photographic record is made.
- CL NON INTRUSIVE EVENT
- BT OBSERVATION

FIELD SURVEY

- SN The collection of information relating to the location, distribution and organisation of past human activities involving field or site-based investigation of a certain geographic area.
- CL NON INTRUSIVE EVENT
- BT SURVEY

FIELD VISIT

- SN Observations made by an archaeologist or architectural historian as the result of a field visit to a site or monument.
- CL NON INTRUSIVE EVENT
- BT OBSERVATION

Fieldwalking

- USE **SYSTEMATIC FIELDWALKING SURVEY**
UNSYSTEMATIC FIELDWALKING SURVEY

FIELDWALKING SURVEY

- CL NON INTRUSIVE EVENT
- BT SURVEY
- NT SYSTEMATIC FIELDWALKING SURVEY
UNSYSTEMATIC FIELDWALKING SURVEY

GEOCHEMICAL SURVEY

- SN The taking of samples at regular intervals from the surface of a study area in order to retrieve information on the different chemical elements present.
- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL INTERVENTION
- NT PHOSPHATE SURVEY
X RAY FLUORESCENCE SURVEY

GEOMORPHOLOGICAL SURVEY

- SN Field survey undertaken to investigate land formation processes often carried out in association with, or in the vicinity of, an archaeological site, or as part of a wider landscape project.
- CL NON INTRUSIVE EVENT
- BT SURVEY

Geophysical Magnetic Susceptibility

- USE **MAGNETIC SUSCEPTIBILITY SURVEY**

Geophysical Magnetometer

- USE **MAGNETOMETRY SURVEY**

Geophysical Resistivity

- USE **EARTH RESISTANCE (RESISTIVITY) SURVEY**

GEOPHYSICAL SURVEY

- SN Ground-based or marine subsurface mapping of archaeological features using different sensing technologies. Most commonly applied are magnetometers, electrical resistance meters, ground penetrating radar, side scan sonar, and electromagnetic conductivity.
- CL NON INTRUSIVE EVENT
- BT SURVEY
- NT 3D SEISMIC SURVEY
ACOUSTIC GROUND DISCRIMINATING SYSTEM
EARTH RESISTANCE (RESISTIVITY) SURVEY
ELECTRICAL RESISTIVITY TOMOGRAPHY
ELECTROMAGNETIC SURVEY
GROUND PENETRATING RADAR SURVEY
MAGNETIC SUSCEPTIBILITY SURVEY
MAGNETOMETRY SURVEY
MICROGRAVITY SURVEY
SEISMIC SURVEY
SONAR SURVEY

GEOTECHNICAL SURVEY

- SN Any subsurface investigation conducted to assist with the technical rather than archaeological aspects of a proposed development or extraction

scheme.

- CL INTRUSIVE EVENT
- BT NON ARCHAEOLOGICAL INTERVENTION
- NT GEOTECHNICAL TEST PIT

GEOTECHNICAL TEST PIT

- UF Subsoil Test Pit
- SN Test pits dug by geotechnical engineers or engineering geologists to obtain information on the physical properties of soil, sediments and bedrock around a site to design earthworks and foundations for proposed structures.
- CL INTRUSIVE EVENT
- BT GEOTECHNICAL SURVEY

GRAB SAMPLING

- UF Grab Survey
- SN A maritime technique which involves the simple process of bringing up surface sediments from the seafloor for analysis usually using mechanical apparatus. As the process recovers a mixture of sediments it cannot be used to characterise stratigraphy.
- CL INTRUSIVE EVENT
- BT ARCHAEOLOGICAL INTERVENTION

Grab Survey

- USE **GRAB SAMPLING**

GRAVEYARD SURVEY

- UF Burial Ground Survey
- SN The systematic survey and recording of graveyards and burial spaces recording the position of individual grave markers and the detail of any inscriptions.
- CL NON INTRUSIVE EVENT
- BT SURVEY

GRAVITY CORE

- SN A maritime coring technique which penetrates the ground due to the force of gravity. Since the speed of penetration is the same as the sampling speed, it barely disrupts the sedimentary layers. A cable attached to the ship is used to recover the core.
- CL INTRUSIVE EVENT
- BT CORE SAMPLING

Grid Excavation

- USE **BOX TRENCHING**

Ground Penetrating Radar

- USE **GROUND PENETRATING RADAR SURVEY**

GROUND PENETRATING RADAR SURVEY

- UF Ground Penetrating Radar
- SN A technique that measures the amount of time it takes pulses of electromagnetic energy sent into the ground, from a transmitter, to reflect back from the interfaces between layers and other subsurface features in order to produce a subsurface profile.
- CL NON INTRUSIVE EVENT
- BT GEOPHYSICAL SURVEY

HEDGEROW SURVEY

- SN The assessment of the age of a hedge based on its nature, condition and the number and type of woody plant species present. Most surveys

make use of Hooper's hypothesis which states that for every 27m a new woody species invades a hedge every 100 years.

CL NON INTRUSIVE EVENT
BT SURVEY

HERITAGE ASSESSMENT

SN Programmes of research or investigation which seek to identify the significance of a heritage asset, often to inform proposals for change
CL NON INTRUSIVE EVENT
BT ASSESSMENT AND ANALYSIS

HISTORIC AREA ASSESSMENT

SN An overview of the historical and architectural development, character and heritage assets of a settlement or area. An HAA may result in the creation, at varying levels of intensity, of individual site-based records informed by area context.
CL NON INTRUSIVE EVENT
BT ASSESSMENT AND ANALYSIS

HISTORIC LANDSCAPE CHARACTERISATION

SN An holistic approach to landscape, using GIS, which maps diversity of landscape character as a means to managing future change in ways that are appropriate and sustainable.
CL NON INTRUSIVE EVENT
BT ASSESSMENT AND ANALYSIS
RT HISTORIC SEASCAPE CHARACTERISATION

HISTORIC SEASCAPE CHARACTERISATION

SN A map-based understanding of coastal and marine historic character; its GIS and linked texts extend Historic Landscape Characterisation principles to give a common framework of baseline information for the sustainable management of change from land to sea
CL NON INTRUSIVE EVENT
BT ASSESSMENT AND ANALYSIS
RT HISTORIC LANDSCAPE CHARACTERISATION

HISTORIC URBAN CHARACTERISATION

SN A holistic approach to urban character, using GIS to map areas of urban character and historical development, as a tool for managing future change in ways that are appropriate and sustainable.
CL NON INTRUSIVE EVENT
BT ASSESSMENT AND ANALYSIS

Infra Red Aerial Photography

USE **INFRARED AERIAL PHOTOGRAPHY**

Infra Red Line Scan Aerial Photography

USE **INFRARED LINE SCAN AERIAL PHOTOGRAPHY**

Infra Red Thermography Survey

USE **INFRARED THERMOGRAPHY SURVEY**

INFRARED AERIAL PHOTOGRAPHY

UF Infra Red Aerial Photography
SN Aerial photography using infrared sensitive film or sensors to reveal soil and vegetation characteristics not apparent in photographs derived from conventional aerial photography.
CL NON INTRUSIVE EVENT
BT MULTI SPECTRAL AERIAL PHOTOGRAPHY

INFRARED LINE SCAN AERIAL PHOTOGRAPHY

UF Infra Red Line Scan Aerial Photography
SN A specific type of Infrared photography that uses an airborne scanning infrared sensor to record differential spectrums of features both extant and buried.
CL NON INTRUSIVE EVENT
BT MULTI SPECTRAL AERIAL PHOTOGRAPHY

INFRARED THERMOGRAPHY SURVEY

UF Infra Red Thermography Survey
SN An investigative method using an infrared camera to detect temperature differences in the ground. The thermal camera does not record the actual temperature of the object in question. Instead the camera records the infrared radiation emitted by the object.
CL NON INTRUSIVE EVENT
BT MULTI SPECTRAL AERIAL PHOTOGRAPHY

INTRUSIVE EVENT

CL INTRUSIVE EVENT
NT ARCHAEOLOGICAL INTERVENTION
ENVIRONMENTAL INTERVENTION
NON ARCHAEOLOGICAL INTERVENTION

LASER SCANNING SURVEY

SN The recording of a surface, or surfaces, using scanning technologies, to create a 3D model of the target structure/object.
CL NON INTRUSIVE EVENT
BT SURVEY
RT LIDAR SURVEY

LIDAR SURVEY

UF Airborne Laser Scanning
Airborne Lidar Survey
SN Light detection and ranging is a type of aircraft based remote sensing which records reflected laser pulses. The data can be used to produce very accurate digital elevation models. For ground-based work use LASER SCANNING SURVEY.
CL NON INTRUSIVE EVENT
BT AERIAL RECONNAISSANCE
RT AIRBORNE LASER SCANNING SURVEY
LASER SCANNING SURVEY

MAGNETIC SUSCEPTIBILITY SURVEY

UF Geophysical Magnetic Susceptibility
SN The extraction of samples from selected features on a site to identify a characteristic magnetic response from sediments derived from the features in order to predict the response that similar features would produce. Also used to prospect for sites.
CL NON INTRUSIVE EVENT
BT GEOPHYSICAL SURVEY

MAGNETOMETRY SURVEY

UF Geophysical Magnetometer
SN Survey using a magnetometer, a device capable of detecting variations in magnetic susceptibility between topsoils, subsoils and rocks, can also be used in a maritime context to detect variations in the magnetic field of seabed sediments.
CL NON INTRUSIVE EVENT

BT GEOPHYSICAL SURVEY

MANAGEMENT SURVEY

SN A field and desk based assessment of heritage asset condition and vulnerability so that informed decisions can be made regarding how best to manage the resource.

CL NON INTRUSIVE EVENT

BT ASSESSMENT AND ANALYSIS

MEASURED SURVEY

SN A dimensional check on a building or site giving detailed measurements.

CL NON INTRUSIVE EVENT

BT SURVEY

RT ARCHITECTURAL SURVEY
BUILDING SURVEY

METAL DETECTING SURVEY

UF Metal Detectors
Systematic Metal Detector Survey

SN Structured & carefully executed scanning of the ground surface with a metal detecting device in order to recover surface scatters of metal objects & plot them spatially within the study area as part of an archaeological survey or metal detecting rally.

CL NON INTRUSIVE EVENT

BT SURVEY

RT METAL DETECTING USE

METAL DETECTING USE

SN The hobby of using a metal detector to hunt for buried coins or artefacts; alternatively the use of a metal detector to locate metal artefacts on an archaeological excavation that otherwise would go unnoticed.

CL INTRUSIVE EVENT

BT NON ARCHAEOLOGICAL INTERVENTION
ARCHAEOLOGICAL INTERVENTION

RT METAL DETECTING SURVEY

Metal Detectors

USE METAL DETECTING SURVEY

MICROGRAVITY SURVEY

SN A sensing technique that consists of measuring minute variations in the gravitational pull of the Earth in order to detect gravity anomalies arising from voids and cavities within the earth.

CL NON INTRUSIVE EVENT

BT GEOPHYSICAL SURVEY

MONOLITH SAMPLING

SN Removal of a sample from a vertical section generally using a U sectioned tin to extract an intact column of the observed stratigraphy. Used in the study of pollen, diatoms etc.

CL INTRUSIVE EVENT

BT ENVIRONMENTAL SAMPLING

MULTI BEAM ECHO SOUNDER SURVEY

SN An underwater technique used to create 3D terrain models and to record objects on the seabed through the comparative analysis of reflections from high frequency sound waves emitted in multiple beams allowing large swathes of the seabed to be surveyed.

CL NON INTRUSIVE EVENT

BT SONAR SURVEY

MULTI SPECTRAL AERIAL PHOTOGRAPHY

SN Recording using specialist equipment that allows discrete wavelengths in the visible spectrum and beyond to be recorded. The combination of different spectral bands allows features to be identified that would not be visible to the naked eye.

CL NON INTRUSIVE EVENT

BT AERIAL PHOTOGRAPHY

NT INFRARED AERIAL PHOTOGRAPHY
INFRARED LINE SCAN AERIAL PHOTOGRAPHY
INFRARED THERMOGRAPHY SURVEY

NON ARCHAEOLOGICAL INTERVENTION

SN Any activities, that have a physical impact upon the archaeological resource where the purpose is not primarily archaeological research.

CL INTRUSIVE EVENT

NT AUGER SURVEY
BOREHOLE SURVEY
CASUAL OBSERVATION
GEOTECHNICAL SURVEY
METAL DETECTING USE

NON INTRUSIVE EVENT

CL NON INTRUSIVE EVENT

NT ASSESSMENT AND ANALYSIS
OBSERVATION
REMOTE SENSING
SURVEY

OBSERVATION

CL NON INTRUSIVE EVENT

NT ANTIQUARIAN OBSERVATION
DIVER INSPECTION
FIELD OBSERVATION (VISUAL ASSESSMENT)
FIELD VISIT

OPEN AREA EXCAVATION

SN Controlled investigation, recording and removal of archaeological deposits according to the principles of stratigraphic excavation. The size of an open area can range from holes to examine pile foundations to extensive trenches of 100 square meters.

CL INTRUSIVE EVENT

BT EXCAVATION

PHOSPHATE SURVEY

SN The systematic collection of samples from a defined study area analysed for phosphate content. Elevated concentrations of phosphate are a generalised signature of human activity.

CL INTRUSIVE EVENT

BT GEOCHEMICAL SURVEY

PHOTOGRAMMETRIC SURVEY

UF Photogrammetry

SN The measurement of a surface, either in elevation or plan, determined from measurements derived from two or more photographic images taken from different positions; this allows three dimensional viewing of the surface to be mapped.

CL NON INTRUSIVE EVENT

BT PHOTOGRAPHIC SURVEY

RT RECTIFIED PHOTOGRAPHIC SURVEY

Photogrammetry

USE **PHOTOGRAMMETRIC SURVEY**

PHOTOGRAPHIC RECORDING

SN The taking of photographs during informal site visits, which may be undertaken by amateur archaeologists or architectural students. More formal, detailed surveys should be termed Photographic Survey.

CL NON INTRUSIVE EVENT

BT SURVEY

PHOTOGRAPHIC SURVEY

SN Detailed survey using photographic images to record archaeological and architectural sites or features of interest. Record photography is an important aspect of recording such features before they are destroyed.

CL NON INTRUSIVE EVENT

BT SURVEY

NT PHOTOGRAMMETRIC SURVEY
RECTIFIED PHOTOGRAPHIC SURVEY

POST EXCAVATION ASSESSMENT

SN An initial synthesis of the data collected from an excavation.

CL NON INTRUSIVE EVENT

BT ASSESSMENT AND ANALYSIS

RECTIFIED PHOTOGRAPHIC SURVEY

SN Systematic recording of building facades that produces a seamless mosaic of digital images by identifying control points and defining limits to each image. The rectified mosaic can then be introduced into a CAD environment.

CL NON INTRUSIVE EVENT

BT PHOTOGRAPHIC SURVEY

RT PHOTOGRAMMETRIC SURVEY

REMOTE OPERATED VEHICLE SURVEY

SN A technique utilised in maritime recording; a remote operated vehicle (ROV) is a tethered underwater robot. ROVs have been used to locate and inspect a number of historic shipwrecks in depths beyond the reach of human divers.

CL NON INTRUSIVE EVENT

BT REMOTE SENSING

REMOTE SENSING

SN Survey using photographic or other recording equipment mounted on or used from either an aircraft or other airborne vehicle or a maritime vessel/submersible craft.

CL NON INTRUSIVE EVENT

NT AERIAL RECONNAISSANCE
REMOTE OPERATED VEHICLE SURVEY
SATELLITE IMAGING

RESCUE EXCAVATION

UF Salvage Excavation

SN Controlled investigation, recording and removal of archaeological deposits under threat of destruction from building development. A pre PPG 16 activity, usually under strict time constraints.

CL INTRUSIVE EVENT

BT EXCAVATION

RESEARCH EXCAVATION

SN Controlled investigation, recording and removal of archaeological deposits in targeted areas in order to answer specific questions relating to a particular archaeological site or landscape. Usually undertaken by university departments or amateur groups.

CL INTRUSIVE EVENT

BT EXCAVATION

Resistivity Profile

USE **ELECTRICAL RESISTIVITY TOMOGRAPHY**

Resistivity Survey

USE **EARTH RESISTANCE (RESISTIVITY) SURVEY**

Salvage Excavation

USE **RESCUE EXCAVATION**

SALVAGE RECORDING

SN The monitoring of the excavation of a hole made by a non-archaeologically trained person. Any archaeological evidence that comes to light is recorded by the archaeologist during the course of the work although he/she cannot suspend the groundwork.

CL INTRUSIVE EVENT

BT ARCHAEOLOGICAL INTERVENTION

RT WATCHING BRIEF

Sample Trenches

USE **TRIAL TRENCH**

SATELLITE IMAGING

SN The capture of imagery using an orbiting satellite. The type of imagery is very varied including visible light photography, infrared and multi spectral photography as well as imagery derived from radar and lidar data.

CL NON INTRUSIVE EVENT

BT REMOTE SENSING

SEISMIC SURVEY

UF Seismograph Survey

SN An acoustic method which involves the creation of a shock wave through the ground. By recording the time interval between the initial shock and the reflected or refracted shock waves it is possible to define subsurface deposits.

CL NON INTRUSIVE EVENT

BT GEOPHYSICAL SURVEY

Seismograph Survey

USE **SEISMIC SURVEY**

Side Looking Sonar Survey

USE **SIDE SCAN SONAR SURVEY**

SIDE SCAN SONAR SURVEY

UF Bottom Classification Sonar
Side Looking Sonar Survey
Side Scanning Sonar Survey

SN Underwater investigation of the seabed, using side-looking sonar device that emits fan shaped acoustic pulses downward toward the seafloor. The intensity of the acoustic reflections from the seafloor are recorded as an image of the seabed.

CL NON INTRUSIVE EVENT

BT SONAR SURVEY

Side Scanning Sonar Survey

USE **SIDE SCAN SONAR SURVEY**

SINGLE BEAM ECHO SOUNDER SURVEY

SN An underwater technique that records bathymetric (depth) data by generating point depths in a line directly beneath the transducer mounted on a vessel as it progresses along the acquisition line.

CL NON INTRUSIVE EVENT

BT SONAR SURVEY

SONAR SURVEY

SN Active sonar systems are based on the behaviour of sound waves in water; acoustic energy is transmitted and the time for the returning echo is measured to allow submerged seabed features to be mapped. Use specific type where known.

CL NON INTRUSIVE EVENT

BT GEOPHYSICAL SURVEY

NT BATHYMETRIC SURVEY

MULTI BEAM ECHO SOUNDER SURVEY

SIDE SCAN SONAR SURVEY

SINGLE BEAM ECHO SOUNDER SURVEY

SUB BOTTOM PROFILING SURVEY

Sondage

USE **TEST PIT**

Strip And Record

USE **STRIP MAP AND SAMPLE**

STRIP MAP AND SAMPLE

UF Strip And Record

SN An excavation technique that involves the machine stripping the topsoil/subsoil from the area to be excavated, plotting observed features onto a site plan and then partially or fully excavating those features.

CL INTRUSIVE EVENT

BT EXCAVATION

SUB BOTTOM PROFILING SURVEY

SN Used to identify and measure various sediment layers that exist below the seabed. A sound source emits a signal vertically downwards and a receiver monitors the return signal that has been reflected off the seafloor and sub-seabed sediment layers.

CL NON INTRUSIVE EVENT

BT SONAR SURVEY

RT 3D SEISMIC SURVEY

Subsoil Test Pit

USE **GEOTECHNICAL TEST PIT**

Surface Collection

USE **SYSTEMATIC FIELDWALKING SURVEY**
UNSYSTEMATIC FIELDWALKING SURVEY

SURVEY

SN The non-intrusive processes by which information is collected about the location, distribution and organisation of past human activities. The approaches can be either extensive or intensive depending on the objectives that need to be addressed.

CL NON INTRUSIVE EVENT

NT ANALYTICAL EARTHWORK SURVEY

ARCHITECTURAL SURVEY

BOSING SURVEY

BUILDING SURVEY

BUILDINGS RECORDING AND INVESTIGATION

DOWSING SURVEY

FIELD SURVEY

FIELDWALKING SURVEY

GEOMORPHOLOGICAL SURVEY

GEOPHYSICAL SURVEY

GRAVEYARD SURVEY

HEDGEROW SURVEY

LASER SCANNING SURVEY

MEASURED SURVEY

METAL DETECTING SURVEY

PHOTOGRAPHIC RECORDING

PHOTOGRAPHIC SURVEY

TOPOGRAPHIC SURVEY

UNDERWATER SURVEY

WALKOVER SURVEY

SYSTEMATIC FIELDWALKING SURVEY

UF Fieldwalking

Surface Collection

Topsoil Artefact Survey

SN The systematic study of ground surfaces and collection of visible archaeological material.

Fieldwalking can be carried out as line-walking, grid collection and transect or quadrant sampling. Any material recovered is logged and stored by sample unit.

CL NON INTRUSIVE EVENT

BT FIELDWALKING SURVEY

RT UNSYSTEMATIC FIELDWALKING SURVEY

Systematic Metal Detector Survey

USE **METAL DETECTING SURVEY**

Targeted Trenches

USE **TRIAL TRENCH**

TEST PIT

UF Sondage

Test Pit Survey

Test Pits

SN Systematically positioned hole, or holes, utilised in all studies that aim to sample the nature of the topsoil and subsurface deposits.

CL INTRUSIVE EVENT

BT EVALUATION

Test Pit Survey

USE **TEST PIT**

Test Pits

USE **TEST PIT**

THEMATIC SURVEY

SN The investigation of heritage assets along thematic lines, usually to inform the production of a thematic study. Such studies bring specialist insights to bear on the particular area of study, but may not address other aspects of the site's significance.

CL NON INTRUSIVE EVENT

BT ASSESSMENT AND ANALYSIS

TIMBER SAMPLING

- SN The extraction of a limited quantity of wood for scientific analysis.
- CL INTRUSIVE EVENT
- BT ENVIRONMENTAL INTERVENTION
- RT DENDROCHRONOLOGICAL SURVEY

TOPOGRAPHIC SURVEY

- UF Contour Survey
- SN The controlled measurement of natural and artificial landscape features to produce a measured plan or a 3D data set reading as a plan. Features are depicted by either hachures, symbols or contour lines.
- CL NON INTRUSIVE EVENT
- BT SURVEY
- RT ANALYTICAL EARTHWORK SURVEY

Topsoil Artefact Survey

- USE **SYSTEMATIC FIELDWALKING SURVEY**
- UNSYSTEMATIC FIELDWALKING SURVEY**

TRIAL TRENCH

- UF Sample Trenches
Targeted Trenches
- SN Archaeologically excavated trench, either hand or machine dug, as part of a sampling programme to evaluate the presence/absence, nature, preservation, age and extent of any buried archaeological features.
- CL INTRUSIVE EVENT
- BT EVALUATION

UNDERWATER EVALUATION

- SN A limited programme of intrusive fieldwork which determines the presence or absence of archaeological features, structures, deposits, artefacts or ecofacts within a specified underwater area.
- CL INTRUSIVE EVENT
- BT EVALUATION

UNDERWATER EXCAVATION

- SN Controlled intrusive fieldwork which examines, records and interprets archaeological deposits, features and structures and, as appropriate, retrieves artefacts and ecofact remains within a specified underwater area.
- CL INTRUSIVE EVENT
- BT EXCAVATION

UNDERWATER SURVEY

- SN The non intrusive processes by which information is collected about the location, distribution and organisation of past human activities that are now submerged by water. The approaches can be either extensive or intensive depending on the objectives.
- CL NON INTRUSIVE EVENT
- BT SURVEY

UNSYSTEMATIC FIELDWALKING SURVEY

- UF Fieldwalking
Surface Collection
Topsoil Artefact Survey
- SN The unsystematic study of ground surfaces and collection of visible archaeological material.
- CL NON INTRUSIVE EVENT
- BT FIELDWALKING SURVEY

- RT SYSTEMATIC FIELDWALKING SURVEY

VIBRO CORE

- SN A maritime coring technique which uses vibration to facilitate ground penetration. With the force of gravity, and sometimes a piston, it can penetrate much deeper layers although the vibration provokes a slight mixing of the sediments.
- CL INTRUSIVE EVENT
- BT CORE SAMPLING

VISUAL BUILDINGS RECORD (LEVEL 1)

- SN Visual record of a building, usually exterior only. Equivalent to Historic England Level 1.
- CL NON INTRUSIVE EVENT
- BT BUILDINGS INVESTIGATION (ENGLAND)

Visual Inspection

- USE **FIELD OBSERVATION (VISUAL ASSESSMENT)**

WALKOVER SURVEY

- SN A planned programme of investigation conducted within a defined area aimed at identifying and surveying previously unrecorded sites and checking the condition of known sites.
- CL NON INTRUSIVE EVENT
- BT SURVEY

WATCHING BRIEF

- SN A formal programme of observation and investigation conducted during any operation carried out for non-archaeological reasons that may damage archaeological deposits. This will be within a specified area or site on land, inter-tidal zone or underwater.
- CL INTRUSIVE EVENT
- BT ARCHAEOLOGICAL INTERVENTION
- RT FIELD OBSERVATION (MONITORING)
SALVAGE RECORDING

X RAY FLUORESCENCE SURVEY

- SN The systematic use of portable X-Ray Fluorescence equipment to retrieve information on the different chemical elements present in the soil.
- CL INTRUSIVE EVENT
- BT GEOCHEMICAL SURVEY