

# FELLOWS

The UXO risk management experts

Part of the Optima Group



## UXO RISK MANAGEMENT

Acronyms and Abbreviations

## 1. Acronyms and Abbreviations

AAA	Anti-aircraft artillery
AAM	Active acoustic monitoring
AC	Alternating current
ACE	Association for Consultancy and Engineering
ACoP	Approved code of practice
ADD	Acoustic deterrent devices
ADR	European Agreement on the International Carriage of Dangerous Goods by Road 2011
ALARP	As low as reasonably practicable
AP	Armour piercing
AP	Anti-personnel
APM	Association of Project Managers
ARP	Air Raid Precaution [Wardens]
AUV	Autonomous underwater vehicle
AXO	Abandoned explosive ordnance
BD	Bombing Density
BDO	Bomb Disposal Officer
BGS	British Geological Survey [UK]
BH	Borehole
BM	Bombmine [Germany]
BOT	British Overseas Territories
BS	British Standard
BSI	British Standards Institute
CBI	Confederation of British Industry
CDG	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009
CDM	Construction [Design and Management] Regulations 2015 [UK]
CFP	Common Fisheries Policy
CHEMSEA	Chemical Munitions Search and Assessment [Baltic Sea R&D project]

CHIP	Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
CHIRP	Compressed high intensity radar pulse
CIRIA	Construction Industry Research and Information Association
COER	Control of Explosives Regulations 1991
CPT	Cone penetrometer test
CSM	Conceptual site model
DEMSS	Defence Explosive Ordnance Disposal, Munitions and Search School
DEODS	Defence Explosive Ordnance Disposal School
DE&S	Defence Equipment and Support
DGPS	Differential global positioning system
DOENI	Department of Environment Northern Ireland
DSHAR	Dangerous Substances in Harbour Areas Regulations 1987
EC	European Council [Europe]
EEZ[s]	Exclusive economic zone[s]
EIA	Environmental Impact Assessment
ELD	Environmental Liability Directive [Directive 2004/35/CE]
EM	Electromagnetic systems
EMS	European Marine Site
EMT	Emergency management team
EOC	Explosive Ordnance Clearance
EOD	Explosive ordnance disposal
EPS	European Protected Species
ERDC	Engineer Research and Development Center [USA]
ERP	Emergency response plan
ERW	Explosive remnants of war
EU	European Union
FDEM	Frequency domain electromagnetic
FFE	Free Form Explosives
FR	Failure rate
FRS	Fisheries Research Services [Scotland]

GCR	Geological Conservation Review [UK]
GI	Ground investigation
GIS	Geographical information system
GLA	General Lighthouse Authority [UK]
GPS	Global positioning system
HE	High explosive
HSE	Health and Safety Executive [UK]
HSW	Health and safety at work act 1974
HWM	High water mark
IB	Incendiary bomb
ICE	Institution of Civil Engineers
IED	Improvised explosive device
IDUM	International Dialogue on Underwater Munitions
IExpE	Institute of Explosives Engineers
IMAS	International Mine Action Standards
IMCSE	Institute for Munitions Clearance and Search Engineers
ISA	International Seabed Authority
ISO	International Organization for Standardisation
ITOER	Identification and Traceability of Explosives Regulations 2013
JNCC	Joint Nature Conservation Committee [UK]
JSEODOC	Joint Services Explosive Ordnance Disposal Operations Centre [UK]
LE	Low explosive
LM	Luftmine [Germany]
LNR	Local Nature Reserve [UK]
LSA	Land service ammunition
MACA	Military Aid to the Civil Authorities
MACC	Military Aid to the Civil Community
MACP	Military Aid to the Civil Power
MBES	Multi-beam echo sounder
MC	Munitions constituents

MCA	Maritime and Coastguard Agency (UK)
MCAA	Marine and Coastal Access Act (UK) 2009
MCZ[s]	Marine Conservation Zone[s]
MGN	Marine guidance note [issued by the MCA] (UK)
MHSWR	Management of Health and Safety at Work Regulations [1999]
MHW	Mean high water
MIExpE	Member of the Institute of Explosives Engineers (UK)
MLW	Mean low water
MMMP	Marine mammal monitoring plan
MMO	Marine Management Organisation (England and UK)
MMOb	Marine mammal observer
MOD	Ministry of Defence (UK)
MPA[s]	Marine Protected Area[s]
MSER	Manufacture and Storage of Explosives Regulations 2005
MSL	Mean sea level
MS LOT	Marine Scotland Licensing Operations Team
NATO	North Atlantic Treaty Organisation
NAVTEX	Navigational Telex
NEQ	Net explosive quantity
NFF	National filling factory
NIEA	Northern Ireland Environment Agency
NNR	National Nature Reserve (UK)
NOTAM	Notice to airmen (UK)
NM	Notice to mariners (UK)
NRW	National Resources Wales
O&M	Operation and maintenance
OPOL	Offshore Pollution Liability [North Sea oil and gas]
ORPAD	Offshore Renewable Protocol for Archaeological Discoveries (UK)
OSPAR	Oslo/Paris Convention [for the Protection of the Marine Environment of the North-East Atlantic]
PAM	Passive acoustic monitoring

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PI	Pulse induction
PI	Professional Indemnity
POMSTER	Placing on the Market and Supervision of Transfers of Explosives Regulations 1993
PSE	Preventative stripping equipment
QA	Quality assurance
QC	Quality control
R&D	Research and development
Radar	Radio detection and range
RAF	Royal Air Force [UK]
RAMS	Risk assessment method statement
RBL	Rifle breach loaded [projectile]
RDX	Research department explosives
RIBA	Royal Institute of British Architects
RICS	Royal Institute of Chartered Surveyors
RIGS	Regionally important geological [and/or geomorphological] site [UK]
RML	Rifle muzzle loaded [projectile]
RN	Royal Navy [UK]
ROF	Royal Ordnance Factory
ROV	Remotely operated vehicle
SAA	Small arms ammunition
SAC[s]	Special Area[s] of Conservation [Europe]
SAM	Scheduled Ancient Monument [UK]
SAP	Semi-armour-piercing
SEPA	Scottish Environment Protection Agency
SFAIRP	So far as is reasonably practicable
SI	Site investigation
SIP	Self-igniting phosphorous
SINC	Site of Importance for Nature Conservation [England]
SNH	Scottish Natural Heritage
SPA[s]	Special Protection Area[s] [Europe]

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SSS	Side-scan sonar
SSSI[s]	Site[s] of Special Scientific Interest [UK]
SUT	Society for Underwater Technology [International]
TBB	Tool box brief
TNT	Trinitrotoluene
USBL	Ultra-short base line
UNCLOS	United Nations Convention of the Law of the Sea [International]
UN	United Nations
UNMAS	United Nations Mine Action Service
UXB	Unexploded bomb
UXO	Unexploded ordnance
V1	Flying bombs or doodlebugs
V2	Long range rocket
WFD	Water Framework Directive [Europe]
WWI	World War I
WWII	World War II
ZAP	Zone Appraisal Process

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