WORLD TRAINING AREAS
England 1:5,000

BRITISH NATIONAL GRID

ALTCAR

TO BE USED IN CONJUNCTION WITH
ALTCAR TRAINING AREA STANDING ORDERS

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SERIES	GSGS 6500
SHEET	Altcar (ENG 5)
EDITION	2-GSGS

53°32'43".03N 3°06'17".41W
53°32'44".79N 3°03'01".83W
53°30'04".48N 3°06'13".28W
53°30'06".24N 3°02'57".91W

Dunes
Mount Pleasant
Car Park
Alexandra Road
Albert Road
The Bungalow
Seabank House
Dunes
Sand
ELSWORTH CLOSE
Range High School
Masts
Marsh Farm
Range Lane
Asparagus Cottage
Marshland
Raven Meols Farm
Sandywood
National Cycle Path
LC
Allot Gdns
B 5425
Works
River Alt
FB
Code Copse
6
COY DEFENSIVE POSITION
Sefton Coastal Footpath
Cambrai Cottage
Bridge Cottage
7
Alt Grange
Grange Farm
Grange Farm Cottage
FLIGHT SIMULATOR
Moss Farm
North End Lane
Alt Cottage Kennels
Cleaver Cottages
Raven Meols Hills
Mad Wharf
5A
Hunter Wood
Harkor Wood
CLAY PIGEON RANGE
Battery Cottage
OBUA (Williamsville)
CBRN
BEACH LOOKOUT
Samme Copse
BUNKER
ALTCAR
Pipe Bridge
Grange Rd
HQ
Anniversary Wood
NORTH LOOKOUT
K
L
M
Dunes
C CAMP
Subway
SKEET RANGE
MMTTR
ETR
D
Bevan Wood
INDOOR RANGE
CGR
C
B
RANGE CONTROL
RAILHEAD
FB
Pumping Station
The Shanty
Floodgates Road
Sports Field
Oliverson's Farm
Pump House Farm
Whitedge Farm
ACF CENTRE
GUARD ROOM
ERV
Hamgate Farm
A
BS
Dunes
Boat Yard
Pol Sta
Hall
PW
Station
Cross
FO
SOUTH LOOKOUT
The Outlook
Mud
Sand
Outfall
Cricket Ground
Sports Ground
Blundellsands Sailing Club
Landing Stage
Play Area
Hightown
Playing Fields
Sniggery Farm
Old Sniggery
Dunes
Mud
Golf Links
Tidal Pond
Sefton Coastal Footpath
National Cycle Path
Crosby East Training Bank
Formby Bank
CROSBY CHANNEL

Scale 1:5,000

Metres 500 400 300 200 100 0 500 1,000 Metres
Yards 500 400 300 200 100 0 500 1,000 Yards

Printed by DGC 12/13

Produced by Defence Geographic Centre, JFIG, Ministry of Defence, United Kingdom, 2013.

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Geodetic error rectified for edition 2-GSGS

Training Area information supplied by NW RFCA, Altcar Training Area, 2012

Scheduled Monument data, indicative only, © Natural England

Base map compiled 2012

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The currency of the base mapping may be earlier than that of the overprint information.

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MINISTRY OF DEFENCE

DGC Positioning Defence

Training Area information correct as at:
29 OCTOBER 2012

ASSOCIATED SHEETS

ALTCAR

108

Altcar (ENG 5) is entirely covered by M728-AIR sheet 108.

All private dwellings on the Training Area are out Out of Bounds at all times.

ROUTES
Public Highways and Rights of Way within the Training Area are not to be used for any training without obtaining prior permission from NW RFCA.

ENVIRONMENTAL SITES
Large areas of Altcar are designated as Environmental Sites. These sites are detailed in Standing Orders.

ELEVATIONS IN METRES

CONTOUR INTERVAL 5 METRES

LEGEND

- Training Area (External to Boundary)
- Training Area Sub Division
- Tenure
- Barrack/Camp Area
- Out of Bounds (for all purposes)
- Outer Limit (as specified)
- Environmental Site
- Danger Area
- Range Danger Area
- Hard Standing
- Access Route
- Stone Track
- Obstacle Course
- Public Rights of Way (Footpath, Bridleway, Restricted Byway, Byway open to all traffic)
- Other Routes with Public Access
- National Trail/Long Distance Route; Recreational Route
- National Cycle Path
- Observation Post
- Observation Post with Tapping in Point
- Gate/Barrier
- Gate/Barrier with Sentry
- Campsite/Bivouac Area
- Troop Shelter
- Helicopter Landing Pad
- Ammunition Compound
- Named Building
- Vehicle Bridge with Weight Restriction (30)
- Permanent Field Latrine
- Entry/Access Point
- Vehicle Parking Area
- Emergency Rendezvous Point (ERV)
- Firing Point
- Danger Area Flag

MAGNETIC INFORMATION

2013
G-M ANGLE
1°.40' (32 MILS)

TO CONVERT A MAGNETIC BEARING TO A GRID BEARING SUBTRACT G-M ANGLE

TO CONVERT A GRID BEARING TO A MAGNETIC BEARING ADD G-M ANGLE

GN MN TN

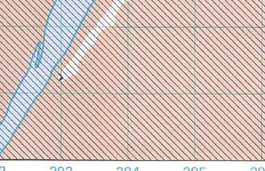
GRID CONVERGENCE 9°.52' (15½ MILS) FOR CENTRE OF SHEET

ANNUAL CHANGE 9' (3 MILS) E

GRID DATA
British National Grid

Projection	Transverse Mercator
Ellipsoid	Airy
Datum	OSGB 36
Origin	Long. 2°W Lat. 49°N
Scale Factor at Origin	0.9996012717
False Co-ordinates of Origin	400,000mE -100,000mN
Unit of Measurement	Metre

Blue numbered lines indicate the 100 metre British National Grid. Airy Ellipsoid. The last two digits of the grid values are omitted.



VERTICAL OBSTRUCTIONS AND POWERLINES

- Powerline on pylons approximately 200ft or more AGL (200ft +)
- Powerline on pylons between approximately 200ft and 80ft AGL
- Powerline on pylons between approximately 80ft and GL (>11kv)
- Powerline on pylons between approximately 80ft and GL (11kv & below)
- Powerline under construction
- Dismantled powerline
- Cable joining obstruction
- Hazardous suspended cable obstruction with AGL height (280)
- Obstruction (unlit) *519* (320)
- Group obstruction (lit) *1625* (500)
- Wind turbine (unlit/lit) *1184* (393)
- Wind turbines - multiple (unlit/lit) *2686* (377)

Numerals in italics indicate elevation of obstruction top, or in the case of wind turbines, the tip of the turbine blade at its maximum height above mean sea level in feet.
Numerals in brackets indicate height of obstruction or wind turbine above ground level in feet.
Obstructions 80ft above ground level and higher are shown.

CAUTION NOTE

THE POWERLINE, OBSTRUCTION AND HAZARD OVERPRINT INFORMATION HAS BEEN COMPILED FROM THE MOST RELIABLE SOURCES AVAILABLE. HOWEVER, COMPLETENESS OF DETAIL, HEIGHTS AND ALIGNMENTS CANNOT BE GUARANTEED.

Powerline and Obstruction information date:
31 OCTOBER 2013

ALTCAR RANGES

Feature	Grid Ref.	Range	DLRSC No.	Facilities
A	2954 0399	50m, 12 lanes - Pistol/SMG.	1750	Troop Shelter.
B	2948 0413	300yd, 38 lanes - Gallery with Falling Plates.	1753	Troop Shelter, Parking.
C	2929 0446	600yd, 23 lanes - Gallery.	1754	Troop Shelter, Toilets, Parking.
CGR	2926 0429	400m, 12 lanes - Converted Gallery.	1897	Troop Shelter, Toilets, Parking.
D	2902 0487	100Oyd, 8 lanes - Gallery.	1755	
ETR	2912 0457	600m, 12 lanes - ET(I)M/R.	1751	Troop Shelter, Toilets.
MMTTR	2864 0427	100m, 6 lanes - MMTTR.	1758	
I	2889 0461	200yd, 16 lanes - Gallery.	1756	Toilets, Parking.
K	2877 0462	100yd, 12 lanes - Gallery.	1757	Troop Shelter, Toilets, Parking.
M	2868 0458	100yd, 12 lanes - Open Range.	1758	Troop Shelter.
INDOOR RANGE	2937 0441	25m, 3 lanes - Indoor Rimfire Range.	1761	
CLAY PIGEON	2909 0471 2882 0437	Down the Line. Skeet.	N/A N/A	Troop Shelter.

NSN 7643999158719
REF. NO. O6500ALTCAR5
ED. NO. 002

ALTCAR