





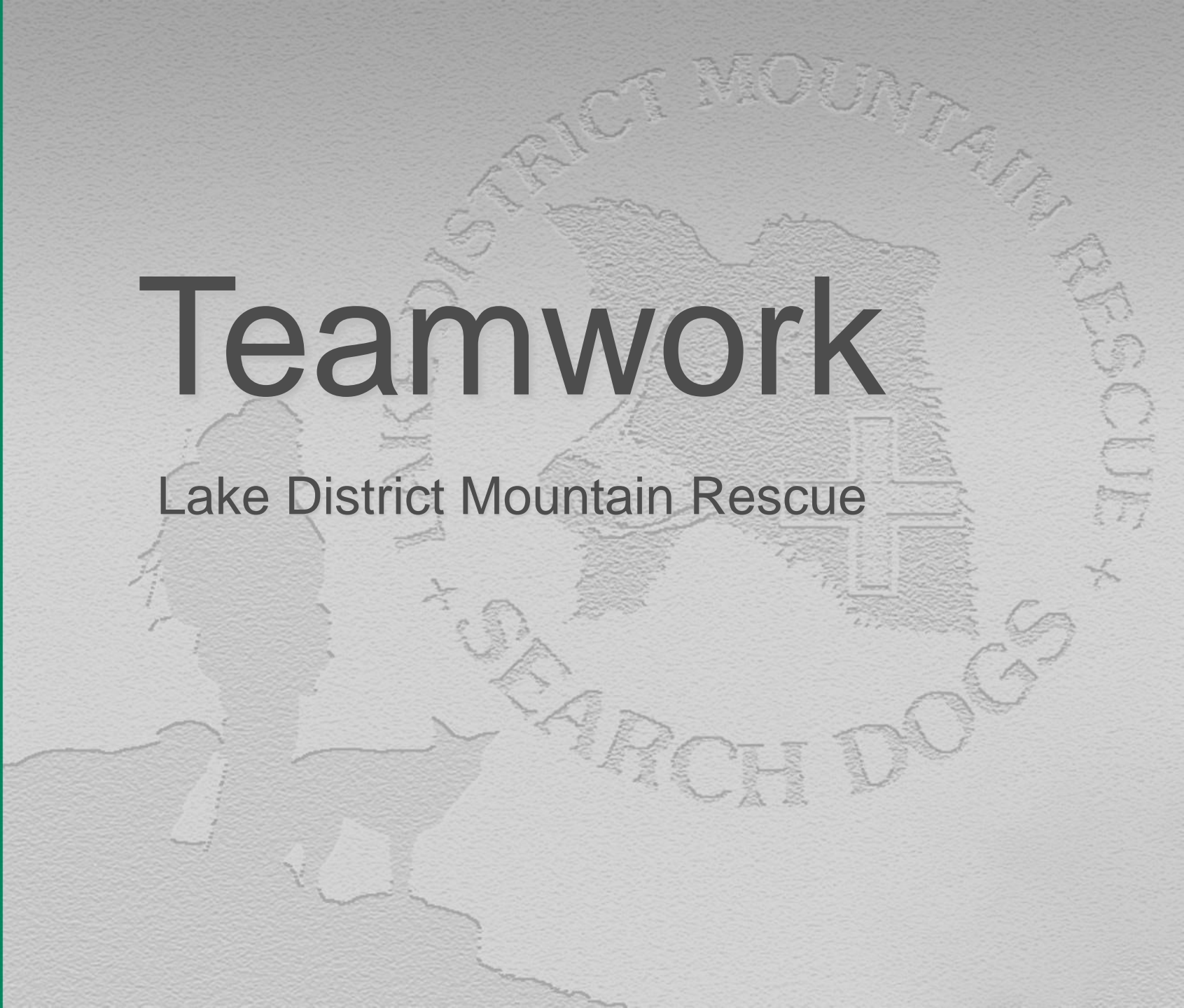
LAKE DISTRICT MOUNTAIN RESCUE  
SEARCH DOGS



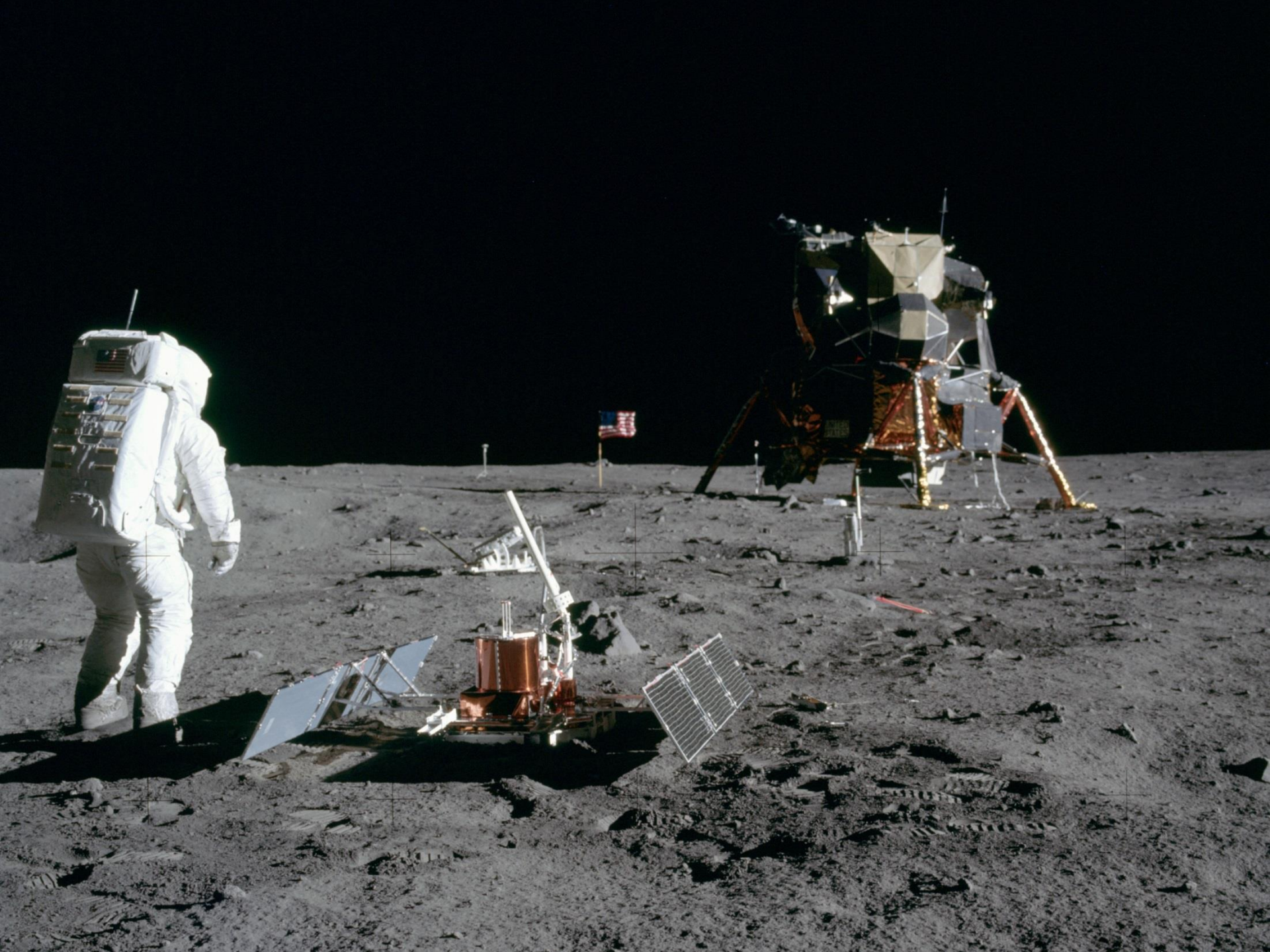


# Teamwork

Lake District Mountain Rescue



50 Years Ago a  
Team of 400,000  
people did this



Effective teamwork  
makes almost anything  
possible

# Lake District Mountain Rescue Search Dogs Association



SEARCH RESCUE +  
GS



Cumbria second largest county in England and second most sparsely populated.

Approx 120km north to south and 90km east to west, 6768 square km.

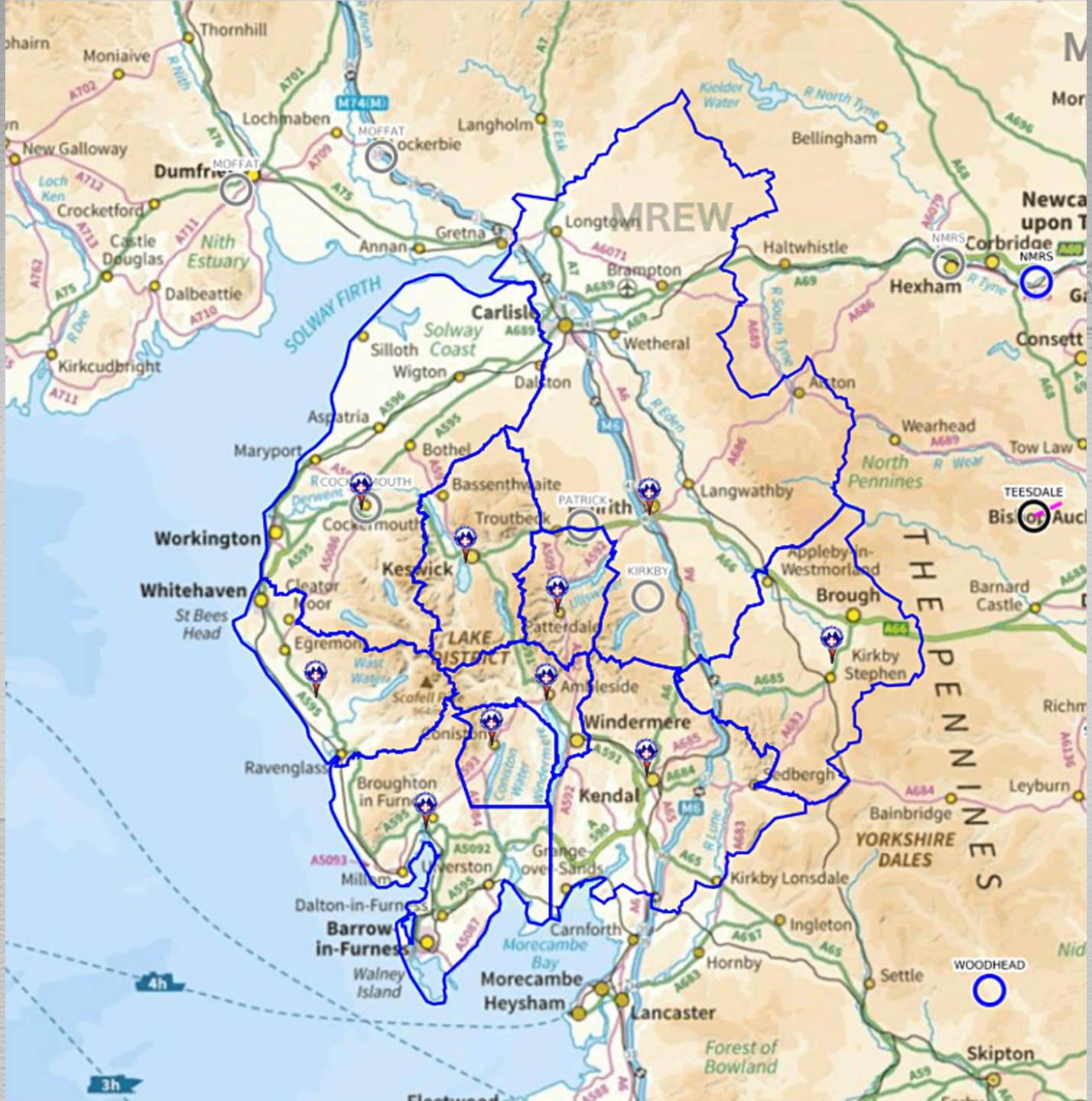
Most of Cumbria is upland or mountainous, includes Lake District, and part of Yorkshire Dales National Parks also the North Pennines 'Area of Outstanding Natural Beauty'.

Very popular tourist destination with nearly 20 million 'day' visits per year.

All the usual mountain and water related activities.

There are 12 teams - 10 Mountain Rescue Teams, a Mines Rescue Team and Mountain Rescue Search Dogs covering the whole of Cumbria.

# Lake District Mountain Rescue Search Dogs Association



RESCUE

# Lake District Mountain Rescue Search Dogs Association

- There are approx. 450 people in the 12 teams.
- They respond to around 600 incidents each year.
- 15 to 30 fatalities.

- The 12 teams have a very strong regional association, Lake District Search and Mountain Rescue Association (LDSAMRA)
- They are included in the County Major Incident Plans and are represented at County resilience forums.
- They are regarded as category 1 responders along with Police, Fire, Ambulance etc.

February

20:25

999 call requesting Cumbria Police.

Lady reporting her husband, 51, has not returned home from a trip to the mountains. (Local person)

Mobile goes direct to Voice Mail

Left the house at 07:00 probably heading for Helvellyn.

Stated he would be back by 18:00

Caller not sure of route or start point

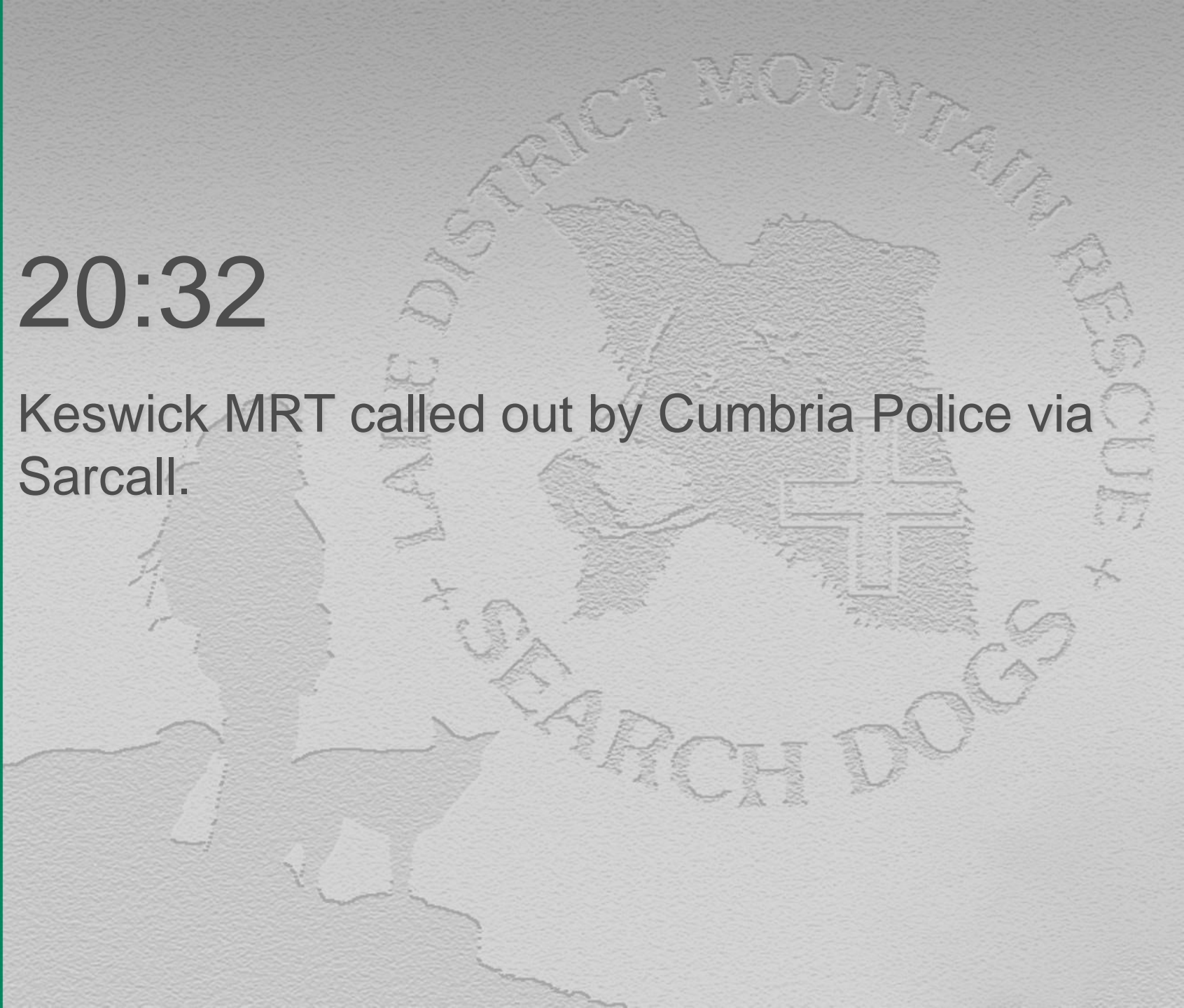
999 Call Handlers  
Cumbria Police Call Handlers





20:32

Keswick MRT called out by Cumbria Police via  
Sarcall.



999 Call Handlers  
Cumbria Police Call Handlers  
(Sarcall Software Group)  
Keswick MRT



# 20:40

## Weather

65 to 90Kph Westerly over summits.

Cloudbase 400 to 600metres.

Some light snow at times.

-5C at 900 metres. Full winter conditions over 600metres.

Large cornices over eastern faces and some indications of avalanche activity especially on east aspect slopes.



999 Call Handlers  
Cumbria Police Call Handlers  
(Sarcall Software Group)  
Keswick MRT  
(Weather Service)

20:41

Patterdale MRT also called out

20:43

Notification that Police checking car parks



999 Call Handlers  
Cumbria Police Call Handlers  
(Sarcall Software Group)  
Keswick MRT  
(Weather Service)  
Patterdale MRT  
Police Patrols

# 20:55

Police and Rescue teams gather more information from the informant.

Misper is fit and experienced, familiar with the mountains in that area, is well equipped

# 21:10

Police are very busy with other incidents, ask for KMRT to check car parks for mispers car

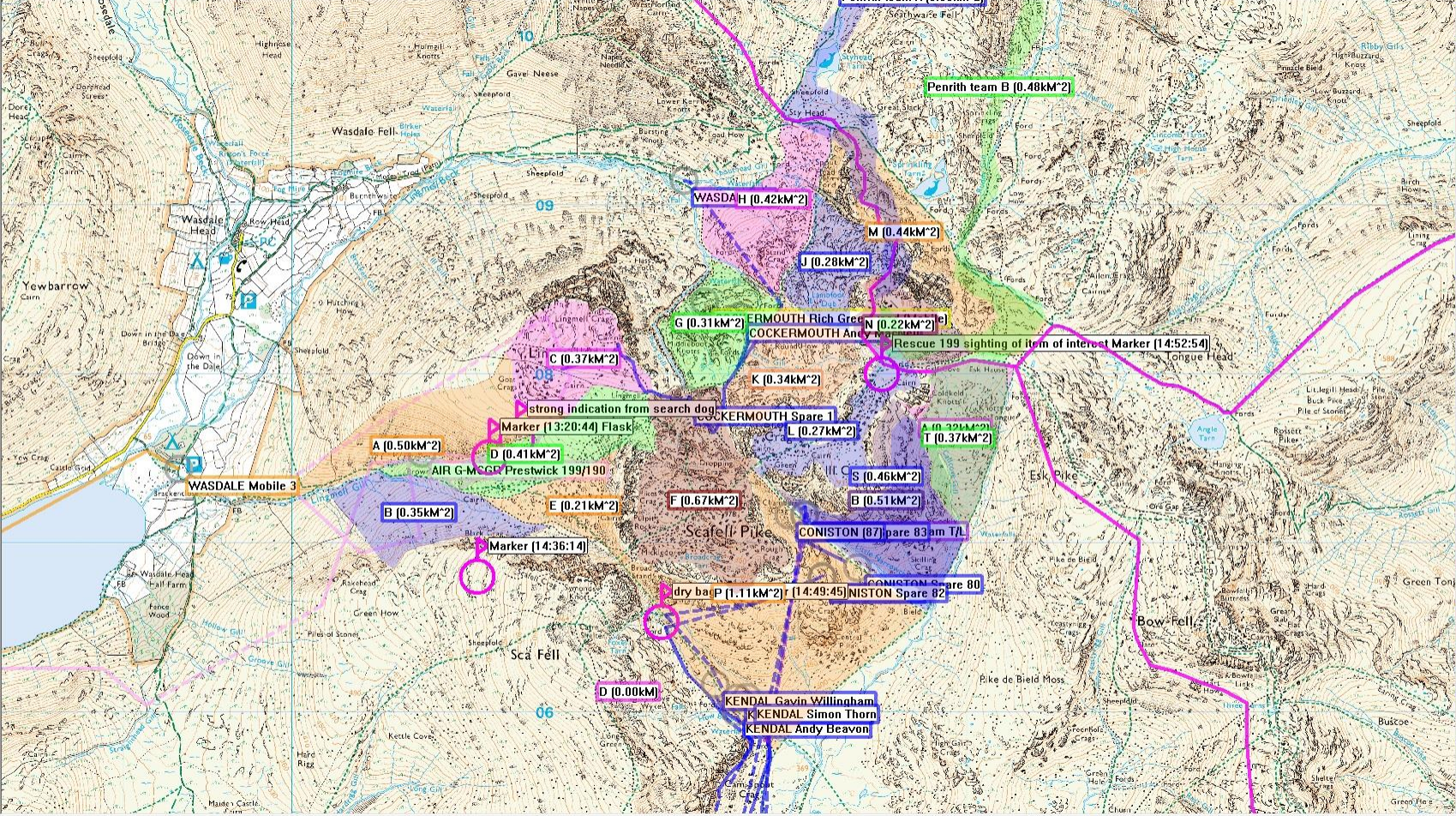
21:39

Mispers vehicle located in Thirlmere below Helvellyn.

21:40

Teams now planning a full search of the area (using MR Map to Plan)

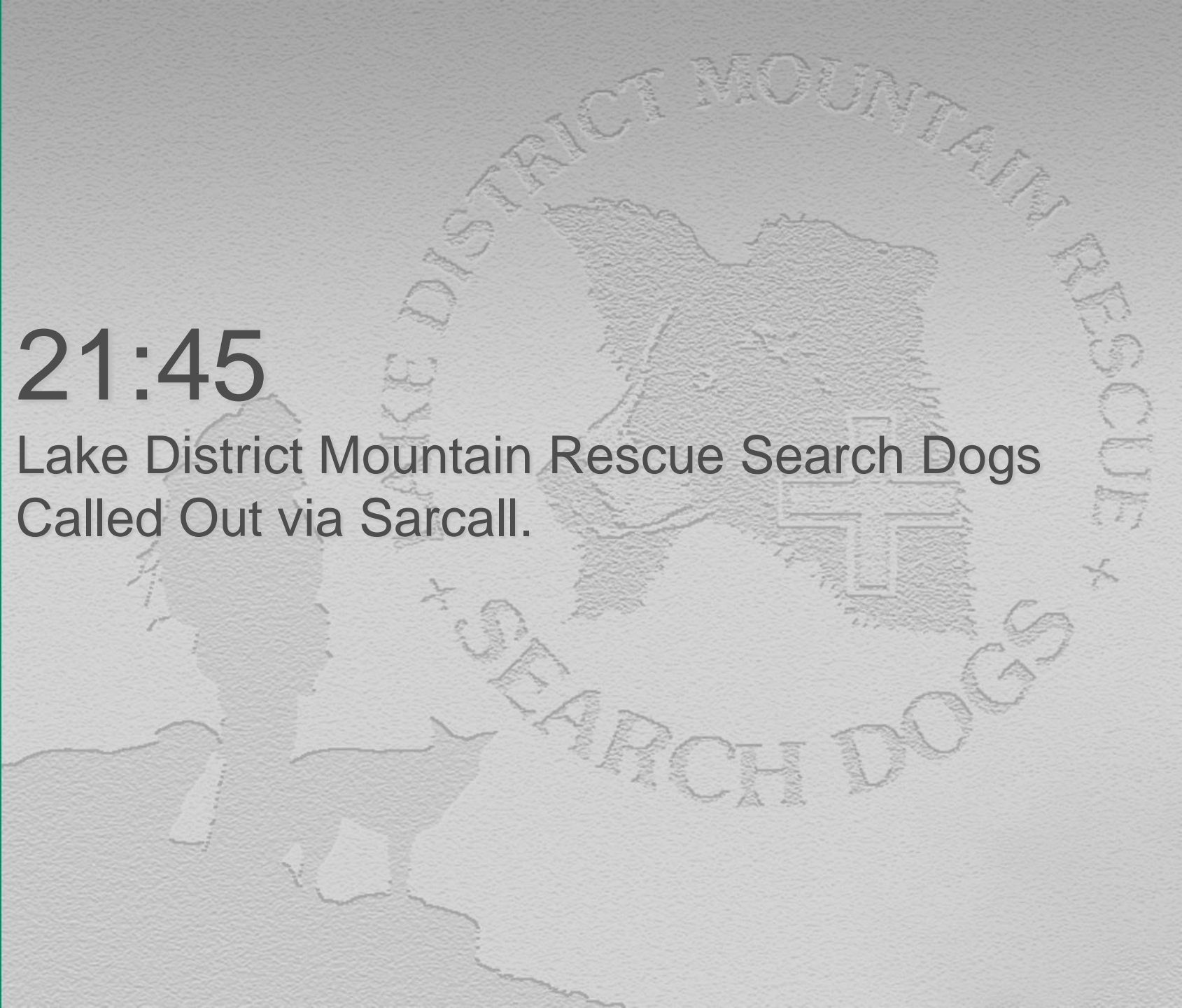




NEWSAR 159 20:59:02 (8m:29s) SJ 40188 74409
NEWSAR 179 21:06:53 (0m:38s) NH 95553 11494
OSCAR PA MB 14:20:33 (-) SH 67246 60537
AIR G-MCGR Prestwick 13:30:17 (-) NY 19771 07531
AIR G-NHAA Helimed 63 11:52:07 (-) NZ 04592 70332
AIR G-LNCT Helimed 29 11:11:31 (-) TL 85221 27185
AIR G-OMAA Helimed 0. 13:16:04 (-) SJ 94490 01316
AIR G-NWLM Helimed 7. 13:33:48 (-) SD 56452 13764
AIR G-NWAE Helimed 75 12:52:59 (-) SJ 74728 93236
AIR G-SASA Irish Comm 13:36:08 (-) SO 78217 81462
AIR G-WENU Helimed 57 13:39:10 (-) ST 17486 79241
AIR G-SASS Helimed 5 C 13:45:02 (-) NS 52583 87191
TROUGH 1-Zero 13:13:21 (-) SD 55160 29014
TROUGH 2-Zero 12:58:49 (-) SD 55217 28869
TROUGH Alpha 6 14:21:11 (-) SD 53539 28552
TROUGH Alpha 1-3 14:21:42 (-) SD 54557 28279
TROUGH Bravo 5 12:21:36 (-) SD 50938 44255
TROUGH Golf1 13:44:57 (-)

21:45

Lake District Mountain Rescue Search Dogs  
Called Out via Sarcall.





999 Call Handlers

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(Sarcall Software Group)

Keswick MRT  
(Weather Service)

Patterdale MRT

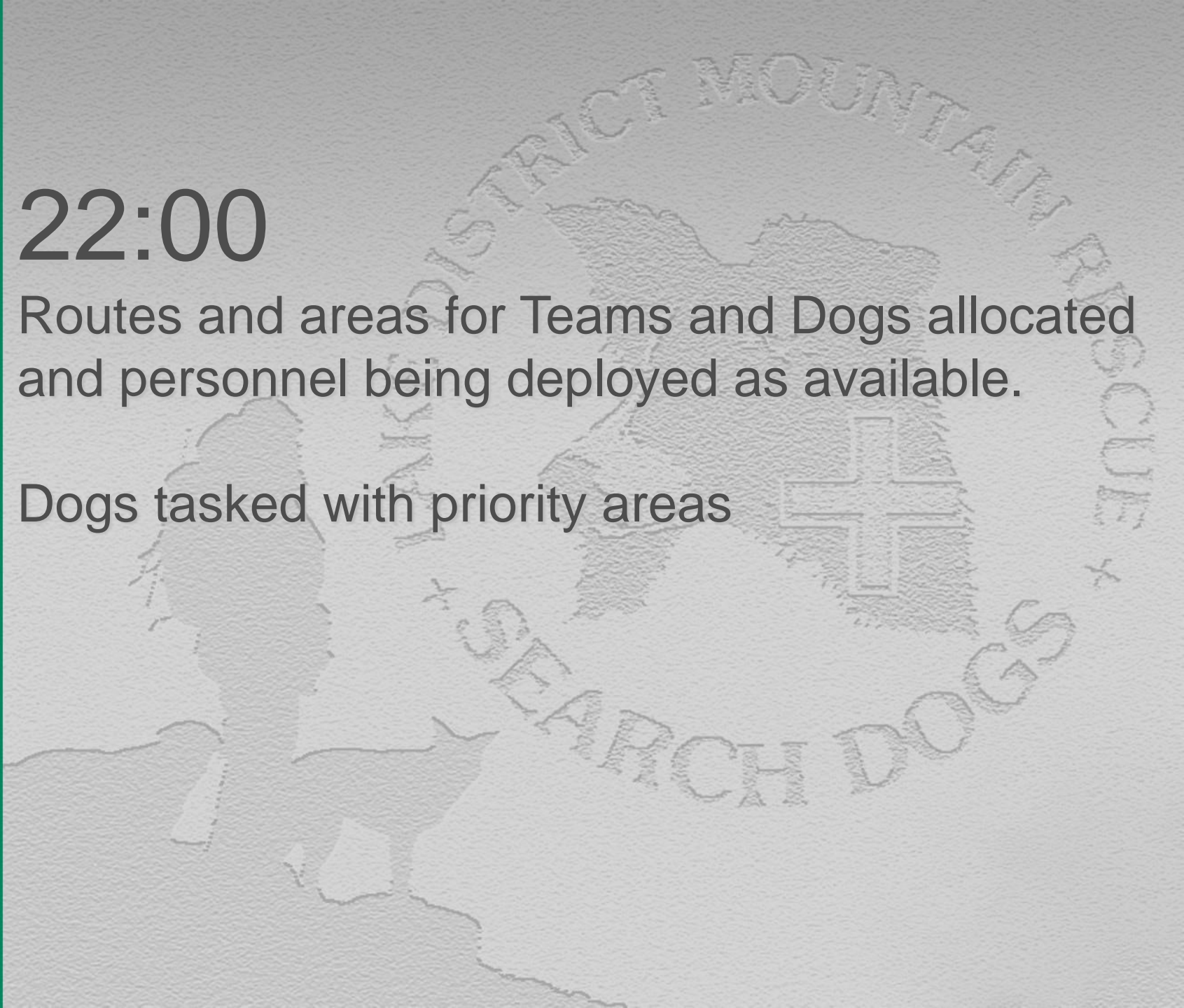
Police Patrols  
(MR Map Software Group)

Lake District Mountain Rescue Search Dogs

22:00

Routes and areas for Teams and Dogs allocated and personnel being deployed as available.

Dogs tasked with priority areas









22:05

Request for SAR helicopter support placed with Police FIM (Force Incident Manager) who contacts NMOC (National Maritime Operations Centre) to request helicopter.

22:15

Rescue 199 allocated to this incident. Keswick MRT now speak with NMOC with information re the tasking and give update of weather in the area. Rescue 199 ETA is 23:05





999 Call Handlers

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(Sarcall Software Group)

Keswick MRT  
(Weather Service)

Patterdale MRT

Police Patrols  
(MR Map Software Group)

Lake District Mountain Rescue Search Dogs

Cumbria Police FIM

NMOC

Rescue 199 (AW189 from Prestwick)

# 23:55

Rescue 199 lands at Keswick base, delayed by worsening weather. Search areas currently not possible due to winds and visibility.

# 00:20

Rescue 199 has to return to Prestwick as weather now precludes any searching or deploying MRT members by aircraft.



00:25

Search well underway, all initial assets deployed.

00:30

Keswick and Patterdale MRTs decide to start calling more MRTs to form a second wave of searchers ready to be on the hill at approx. 05:00

00:35

Further MRTs called out are;  
Penrith MRT  
Kirkby Stephen MRT  
Kendal MRT



999 Call Handlers

Cumbria Police Call Handlers  
(Sarcall Software Group)

Keswick MRT  
(Weather Service)

Patterdale MRT

Police Patrols  
(MR Map Software Group)

Lake District Mountain Rescue Search Dogs

Cumbria Police FIM

NMOC

Rescue 199 (AW189 from Prestwick)

Penrith MRT

Kirkby Stephen MRT

Kendal MRT

00:40

Also put on stand by are groups from Keswick MRT and Langdale Ambleside MRT with further AutoPulses and spare batteries ready to deploy if cas is found and deeply hypothermic.

00:45

LDSAMRA (Lake District Search and Mountain Rescue Association) Silver group alerted to possible major search requirement for next 24 hours and need to maintain 'normal' MRT cover across the Lake District.



999 Call Handlers

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Keswick MRT  
(Weather Service)

Patterdale MRT

Police Patrols  
(MR Map Software Group)

Lake District Mountain Rescue Search Dogs

Cumbria Police FIM

NMOC

Rescue 199 (AW189 from Prestwick)

Penrith MRT

Kirkby Stephen MRT

Kendal MRT

Langdale Ambleside MRT, Autopulse and Medical Support

LDSAMRA Silver Group



00:55

Search Dog handler and Keswick TM at Summit.





# 01:00

Patterdale Search Dog handler reports a find in steep ground on Red Tarn headwall, alt 780 metres, Cas is alive despite indications of having had a long fall and being exposed to weather for many hours..





01:03

All dog handlers and hill parties tasked to Cas site.

01:08

Cas Update, breathing but unresponsive, evidence of head and pelvic injuries also severe hypothermia GCS 4.

			Between episodes pulse 80, resp 16 Dr **** Steel ringing him back
3	Info / Update - Others	Radio Comms with helimed 58	Spoken to M1 aware helimed attending and will attempt to contact by radio once onto Forestry tracks
3	Status - Team(s)	** *** G going direct to Black Sail	
3	Info / Update - Ambulance / He	H58 Advising landed at scene	H58 Advising landed at scene
3	Decision	M1 passing Gillerthwaite YH	Has not yet made contact with Helimed 58, continuing to Black Sail
3	Info / Update - Police	actions pending update re *****	<p>Aware update still to come re casualties condition however should they be deemed serious/potential to prove fatal when assessed by paramedics/Dr then following Actions to be implemented by MRT</p> <ol style="list-style-type: none"> <li>1. Secure the scene from the general ***** who have no connection to the male</li> <li>2. If practical take photographs of the scene including the male, surrounding area, associated property and belongings, fall line and scene overview which may provide visual ***** such as weather and fell conditions.</li> <li>3. Identify a team member or leader who can provide accurate and expert evidence regarding the incident circumstances.</li> <li>4. Arrange for the collection and safe keeping of the ***** belongings until such time as they can be handed over to the police.</li> <li>5. Obtain name, ***** and contact details for all potential witnesses and bystanders to hand over to the Police.</li> </ol> <p>Thankyou</p>
3	Decision	Log line 16 noted	Will update on casualty_s condition when info available
3	Info / Update - Team	***** P has had radio comms with Helimed 58	Helimed 58 has now been on scene on 10 min still assessing patient. M1 will be on scene in 5 minutes
3	Info / Update - Ambulance / He	Land Ambulance arriving at Bowness Knott	Reported by ** *** G, who is continuing to scene
3	Info / Update - Team	Update on Helimed 58	***** is conscious. Intention is to fly ***** to West Cumberland Hospital.



## **Cumbria Constabulary and Lake District Search and Mountain Rescue Association and other emergency services**

### **Joint Working Protocol – Dealing with Fatalities**

#### **Background**

The County of Cumbria boasts one of the most beautiful and scenic areas within the United Kingdom with the Lake District National Park and Cumbrian Mountains at its very heart. The very nature of the area attracts millions of tourists to the area every year. Many of these visitors and local people enjoy the wild and remote nature of environment engaging in outdoor activities including fell walking, rock climbing, caving and potholing, mountain biking, parapenting and other forms of outdoor pursuits.

Unfortunately the very nature of these activities and the wild and remote areas of Cumbria create risks and hazards leading to a large number of incidents and accidents every year. Sadly, a number of these incidents result in serious injury and loss of life. The following figures reflect the numbers of fatalities since the year 2000.

# R.O.L.E.

Recognition of Life Extinct

New initiative for experienced Cas Carers

Training to be provided

01:22

7 Keswick team members in 3 groups including 1 dog handler to descend to cas site via arete of Swirral Edge.

Equipment carried, Cas Bag, Immediate Care, 1st Aid, 100 metre rope, harnesses, Vac Mat and Tyromont Winching Bag.

01:26

Request for Keswick MRT AutoPulse and Batteries to come on hill as back up for Patterdale unit.







© 2004 OS

01:27

Request to NMOC for SAR Helicopter to aid evacuation of Casualty.

01:28

Keswick MRT Landrover leaves Keswick Base with AutoPulse team doctor and paramedic on board.

01:30

Penrith MRT now requested to attend immediately to assist if casualty has to be carried off the hill



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Patterdale MRT

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Cumbria Police FIM

NMOC

Rescue 199 (AW189 from Prestwick)

Penrith MRT

Kirkby Stephen MRT

Kendal MRT

Langdale Ambleside MRT, Autopulse and Medical Support

LDSAMRA Silver Group

Rescue 936 (S92 from Caernarfon)

of MOUNT



ST MOUNT

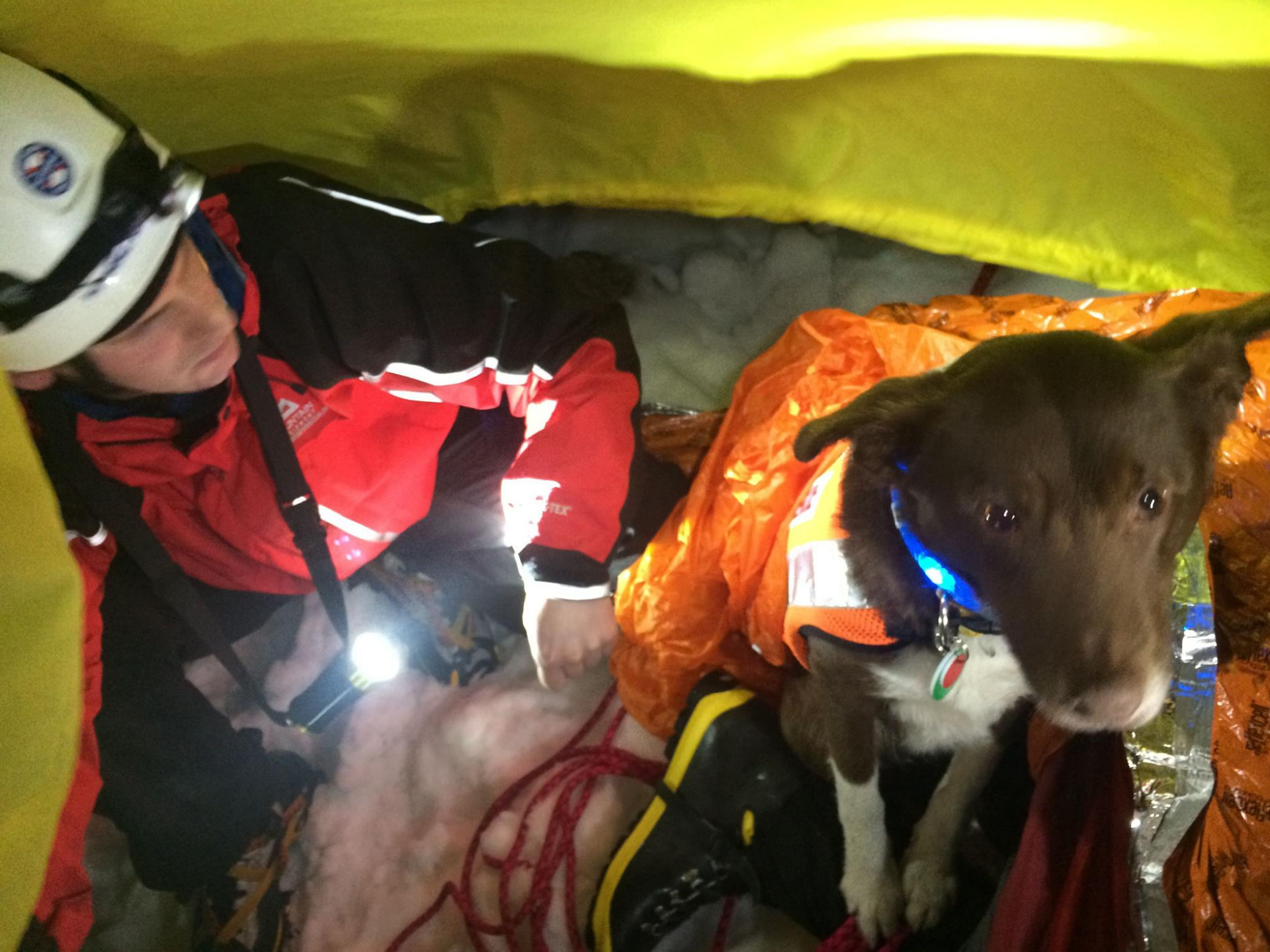


01:40

Rescue 936 ETA 02:45 S92 Coming from North Wales to try and avoid worsening weather to the north of Lake District.

01:45

Request from medics at site, for cas to be taken to ECMO Unit, RVI Newcastle due to severe hypothermia.





01:55

Patterdale MRT Leader speaks to Major Trauma Registrar at RVI Newcastle re ECMO admission. Admission protocol started.

01:58

Keswick Mobile with Autopulse arrives at Greenside roadhead.

02:01

Cas update, Temp 22C from armpit, head, abdominal and pelvic injuries GCS 6.



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Rescue 199 (AW189 from Prestwick)

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Kirkby Stephen MRT

Kendal MRT

Langdale Ambleside MRT, Autopulse and Medical Support

LDSAMRA Silver Group

Rescue 936 (S92 from Caernarfon)

Major Trauma Registrar and ECMO Unit RVI Hospital Newcastle

02:03

RVI Newcastle will accept the cas for ECMO unit.

02:10

Latest info from medics at Cas Site sent to RVI Newcastle.

02:15

Rescue 936 ETA now 03:15 due to weather.

02:58

Decision made to start evacuating cas by stretcher as weather conditions looking likely to stop helicopter evacuation from cas site

03:08

Rescue 936 still having difficulty due to weather.



03:20

Cas goes in to Cardiac Arrest, so is intubated, put on the Autopulse and bagged with O<sub>2</sub>

03:31

Rescue 936 can not land or winch from anywhere near cas location due to wind and visibility.

03:34

Langdale Ambleside MRT contacted to send AutoPulse Batteries in addition to those already on the hill.

03:38

RVS (Royal Volunteer Service) contacted to ask if food etc. can be made available to rescuers when they get off the hill.



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LDSAMRA Silver Group

Rescue 936 (S92 from Caernarfon)

Major Trauma Registrar and ECMO Unit RVI Hospital Newcastle

RVS

03:41

Rescue 936 managed to land approx 3K away and 400 metres lower than current cas location.





03:42

Cas stretcher party now on the move again, cas being bagged, AutoPulse working well.

04:00

Request to NWAS (North West Ambulance Service) for an ambulance to be available if helicopter has problems leaving because of weather

04:19

First battery changed on AutoPulse, continuing descent with cas.



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Kirkby Stephen MRT

Kendal MRT

Langdale Ambleside MRT, Autopulse and Medical Support

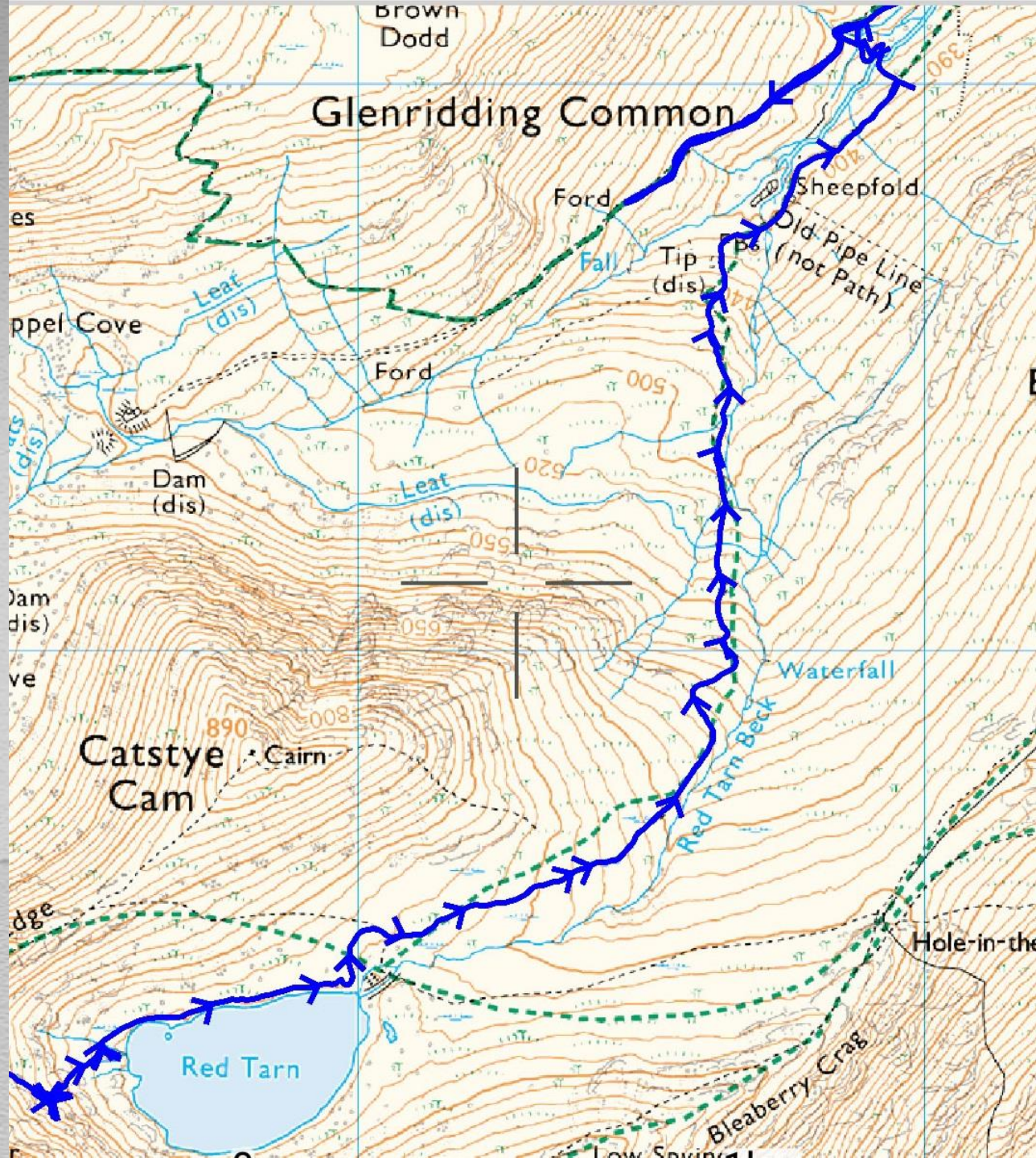
LDSAMRA Silver Group

Rescue 936 (S92 from Caernarfon)

Major Trauma Registrar and ECMO Unit RVI Hospital Newcastle

RVS

NWAS



WILM PRESERVE + SSG

05:10

Second battery change on Autopulse.

05:27

Cas loaded on Rescue 936, supply of AutoPulse batteries taken on aircraft along with Keswick MRT Doctor.

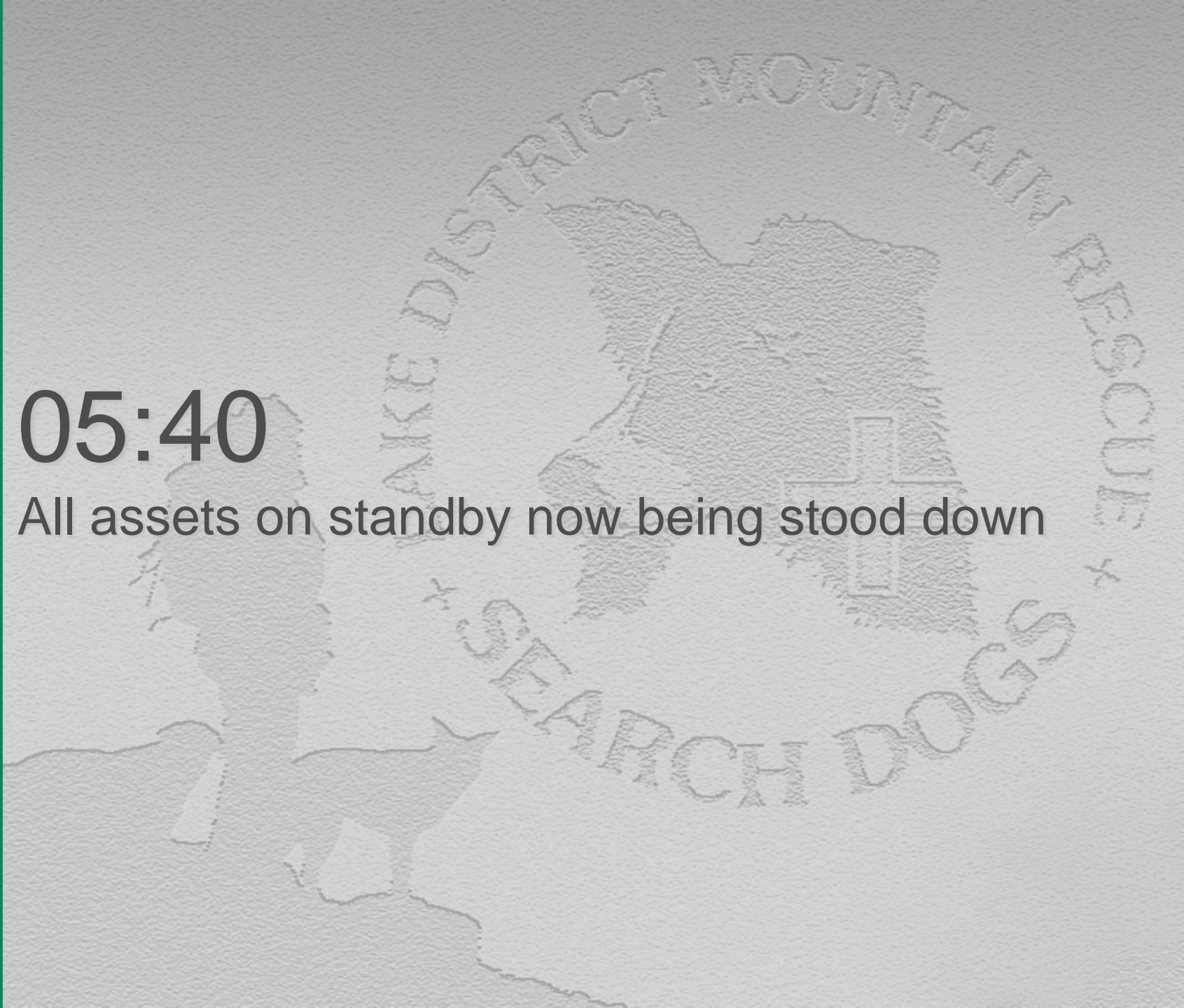
05:31

Rescue 936 lifted, ETA. RVI Newcastle 06:10.



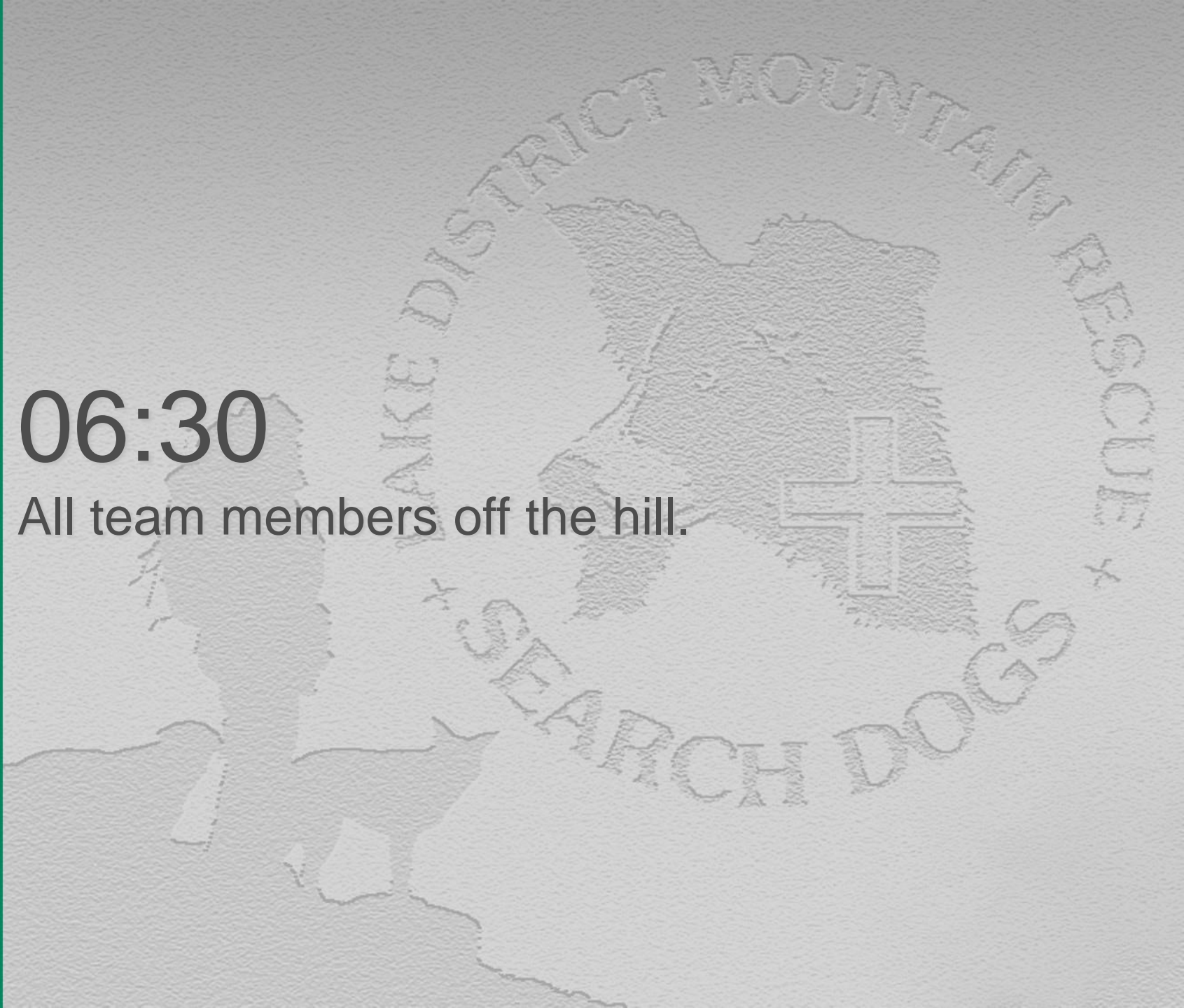
05:40

All assets on standby now being stood down



06:30

All team members off the hill.



What aids the coordination of all these assets?  
Communication, all major rescue agencies have  
access to Sarcall log.

Mountain Rescue Teams

Police

Fire Service

Ambulance Service

SAR Helicopters (MCA)

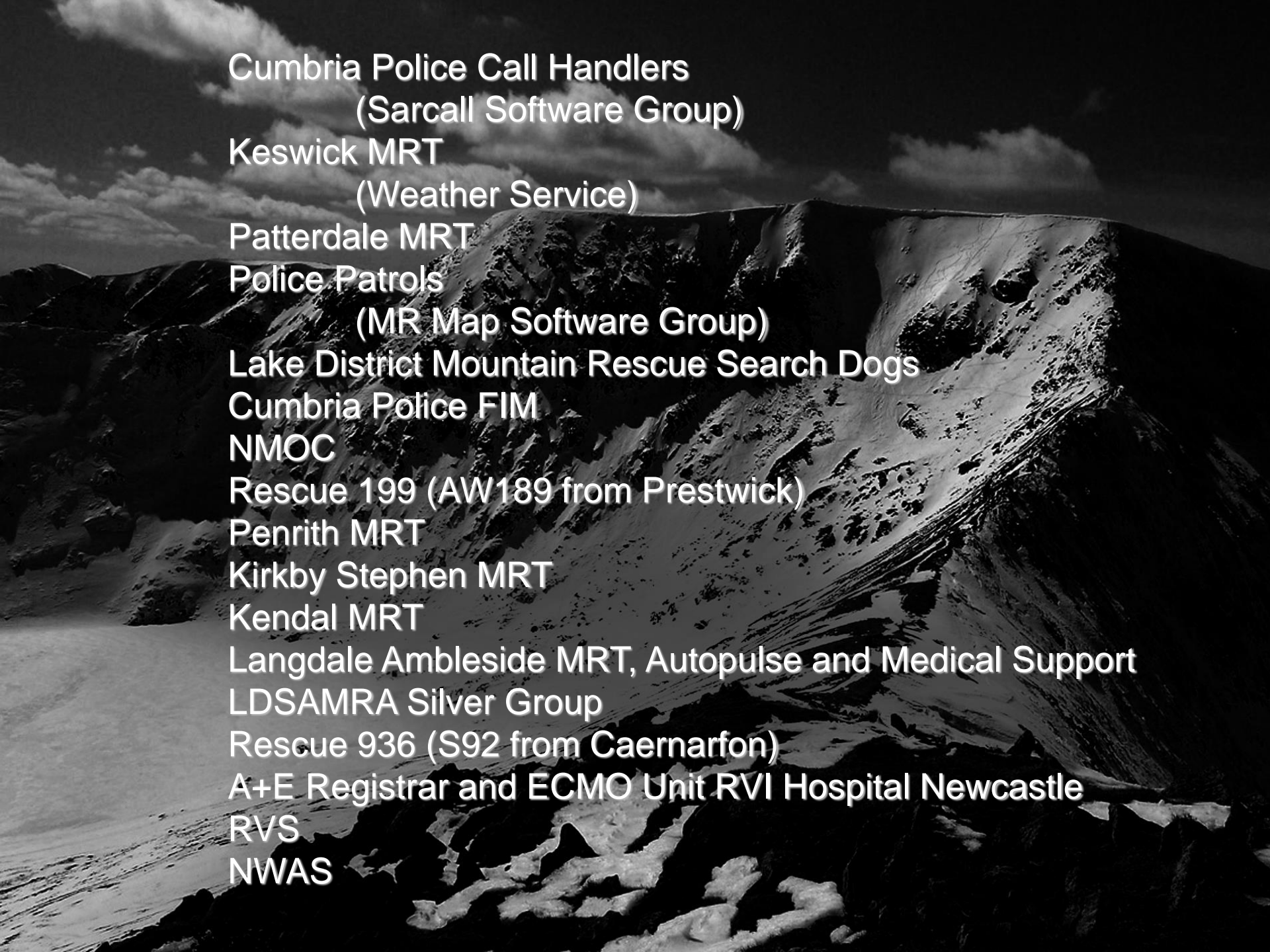
Air Ambulance

Training and working together

Face to face relationships

Exercising Lake District Major Incident Plan





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Rescue 936 (S92 from Caernarfon)

A+E Registrar and ECMO Unit RVI Hospital Newcastle

RVS

NWAS

Thank you





Any Questions?





A handler in a red jacket and white helmet stands near a doorway, looking down at a dog's gear.

A handler in a blue jacket stands in the doorway of the stone building.

A handler in a red jacket and white helmet stands near the doorway, looking towards the group.

A handler in a red jacket and red helmet is bent over, adjusting the harness on a black and white dog.

A handler in a red jacket and white helmet stands in the background.

A handler in a red jacket and white helmet stands in the background, looking towards the group.

A handler in a red jacket and white helmet stands in the background, looking towards the group.

A handler in a red jacket and white helmet stands in the foreground, smiling at the camera.

A black and white dog wearing an orange harness with reflective stripes and the letters 'RE' and 'E' on it.

A tan dog wearing a blue harness.

A red car parked behind a stone wall.

A white van parked behind a stone wall.

A silver car parked in the foreground.











Lake District Mountain Rescue Search Dogs  
Association



DOGGS \* SEARCH RESCUE \* MOUNTAIN







































# 2018 Incidents to date (12 October)



# 2018 Incidents to date (12 October)

Dogs deployed 32 (Trailing dog 2) times, several being multi day searches

27 Mountain searches

5 Rural, forest, and low level searches

2 Dog finds and 3 dog and handler locates

2 Fatalities, (1 fell (mountain) runner, 1 despondant)