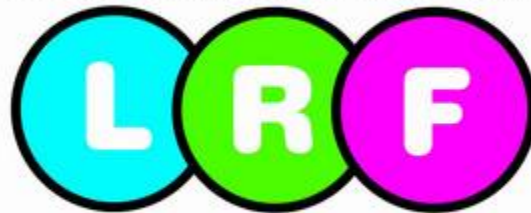


Devon • Cornwall • Isles of Scilly



Local Resilience Forum

COMBINED SEARCH & RESCUE PLAN (CSARP)



PREPARING FOR EMERGENCIES

DOCUMENT CONTROL AND DISTRIBUTION

All items in this document are classed as open under the Freedom of Information Act unless otherwise stated. All closed items include the relevant Freedom of Information Act exemption.

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LEAD AGENCY: Devon & Cornwall Police

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	1.5	Removal of contact numbers	LRF Secretariat	LRF Secretariat	18.01.11

Distribution

Name	Department	Organisation

This Plan is owned by the Devon, Cornwall and Isles of Scilly LRF, maintained, and updated by the LRF Search & Rescue Subgroup. All users are asked to advise the Secretariat of any changes in circumstances that may materially affect the plan in any way.

Details of changes should be sent to:

Devon, Cornwall and Isles of Scilly Local Resilience Forum Secretariat

Email lrf@devonandcornwall.pnn.police.uk

Devon, Cornwall and Isles of Scilly Local Resilience Forum Linked Plans:

The following multi-agency LRF and single agency plans are relevant to, and should be read in conjunction with, this Combined SAR plan:

1. Combined Agency Emergency Response Protocol (CAERP).
2. LRF Multi-Agency Flood Plan.
3. LRF Humanitarian Assistance Centres Multi-Agency Plan.
4. Isles of Scilly Flood Plan.
5. LRF Vulnerable People Plan.
6. LRF Large Scale Evacuation & Shelter Strategic Framework.
7. LRF Haldon Hill Severe Weather Plan.

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FOREWORD

The widespread flooding throughout the United Kingdom in 2007, and previous and subsequent flood and severe weather events, resulted in the deployment of both dedicated formal and ad hoc Search & Rescue (SAR) assets seeking to preserve life. These organisations comprised the formal SAR bodies of the Category One Responders, the Military and the Voluntary sector as well as a number of non-statutory Voluntary SAR organisations. All may play a key role in both routine SAR situations and when a major incident is declared, but require effective coordination to achieve best effect.

SAR capabilities are of very limited nature and their effective deployment and coordination contribute towards the successful outcome of an operation. The deployment of a SAR helicopter when a 4x4 vehicle or foot SAR team would suffice is wasteful of a scarce resource and could, of itself, compromise the success of the operation overall. The circumstances which justify an SAR response are many and varied, ranging from the search of moorland in benign weather for a single walker, through mountain rescue, fast water rescue, to urban search and rescue involving a large number of casualties.

The absence of a formal SAR coordinating organisation within the LRF has been a weakness which this plan addresses to ensure that best use is made of these valuable resources for the collective benefit of all within the Police Force area. Additionally, the effective coordination of SAR assets will help ensure that any request for mutual aid from within the Region or beyond is founded on the accurate assessment of the requirement in the light of the prevailing circumstances.

This SAR plan has been written to help those charged with coordinating SAR assets at LRF SILVER level to understand the specific capabilities of each, and the means to contact and deploy them within a common protocol across the broad range of scenarios when 2 or more SAR organisations are deployed.

ACC Debbie Simpson
Assistant Chief Constable
Chair – Devon, Cornwall & Isles of Scilly Local Resilience Forum

1 INTRODUCTION

1.1 Aim

The aim of the Combined Search & Rescue Plan (CSARP) is to provide a capabilities framework and standard operating procedure (SOP) for the coordinated and effective management, capability assessment, deployment and recovery of multi-agency Search & Rescue (SAR) assets in response to an emergency in the Devon, Cornwall & Isles of Scilly LRF area.

1.2 Scope of the Plan

This plan is not intended for the more routine SAR operations such as standard lost/missing person searches, where it is common for all resources to be co-ordinated at the scene of any search. The plan is primarily designed for land-based SAR operations. Maritime, coastal and littoral SAR operations are the responsibility of the Maritime and Coastguard Agency to coordinate as follows:

The MCA, HM Coastguard, is an on-call emergency organisation responsible for the initiation and coordination of all civil maritime SAR within the UK Maritime Search & rescue Region. This includes the mobilisation, organisation and tasking of adequate resources to respond to persons either in distress at sea, or to persons at risk of injury or death on the cliffs or shoreline of the United Kingdom. While the Agency cannot agree locally to adopt local plans it will work closely with all other agencies in a land-based SAR event where appropriate. This caveat must be recognised in all SAR events where the MCA may be engaged.

1.3 Objective

The objective of this plan is to form the overarching protocol by which all multi-agency SAR events are managed by the SILVER SAR Coordination Group working within the LRF multi-agency SILVER structure working within the overall framework of the LRF Combined Agency Emergency Response Protocol (CAERP). Additionally, it forms the basis for a regional SOP where other LRFs in the SW Region have adopted the plan's format. An illustration of a generic SILVER organisation is at Annex A.

1.4 Key Elements of the Plan

Apart from the general information covering structure, intent, command and control, the allocation of resources, etc, the plan contains 6 key elements which will enable SAR assets to be coordinated effectively:

1.4.1 Potential Task Organisation. Annex B lists those organisations (the Task Organisation) likely to be involved in a SAR event.

1.4.2 SAR Capability Quick Reference Guide. Annex C provides a quick 'ready reference' guide to the SAR or SAR-support capabilities which could be provided by the Task Organisation of this plan. The inclusion of a capability is no guarantee of its availability in a specific response. Organisations other than those presently listed may deploy in response or in support and it will be necessary to collate their specific capabilities in the SAR Co-ord Gp in order to provide a complete picture of capabilities available

1.4.3 Detailed SAR Capabilities and Contacts Details for all organisations within the Plan. Annex D develops the information contained in the Quick Reference Guide and

provides contact and mobilisation information as well as any pertinent limitations in capability.

1.4.4 SAR Assessment & Allocation - Standard Operating Procedures at Annex E provides the detailed modus operandi for the SILVER SAR Coordination Group and the SAR Assets Tote Board at Appendix 1 and the SAR Assessment and Resource Allocation Form at Appendix 2.

1.4.5 SAR Communications – Quick Reference Guide. A table containing a cross reference list of communications assets for all known SAR and SAR-supporting agencies is at Annex F.

1.4.6 Glossary of Terms. See Annex G.

2 SILVER SAR CO-ORDINATION GROUP

2.1 Rationale and Intent

In a crisis, the LRF Search and Rescue Group (LSARG) will form the SILVER SAR Co-ord Gp (SAR Co-ord Gp) at the request of the civilian Police, the Fire & Rescue Services or the Maritime & Coastguard Agency (MCA). The SAR Co-ord Gp will work directly to the Police SILVER cell, coordinating SAR assets for land-based incidents. This plan does not replace or replicate the UK-wide “Search & Rescue Framework of the United Kingdom” (Maritime & Coastguard Agency, April 2008), but is intended to:

- Facilitate and expedite the local SAR decision-making process to ensure that the most appropriate resources are allocated to the requesting BRONZE command.
- Continuously manage the SAR resources deployed by the LSARG both before and after allocation to the BRONZE commands.
- Introduce a process to log and review all decisions made and actions taken within the rescue event to improve SAR response overall.

The success of the SAR Co-ord Gp relies on the availability of suitably qualified, empowered representatives from the relevant responder organisations, able to make routine decisions on the commitment of SAR resources without reference to their parent organisations. Depending on the availability of staff officers, their role(s) and the nature and battle rhythm¹ of the incident, individual agency personnel may be double or triple-hatted between the multi-agency SILVER and the SAR Co-ord Gp. Civil agency and Military ‘air-focussed’ staff officers may also be required to represent at the SILVER AIR Cell. Each agency will, therefore, need to consider its on-going ability to provide representatives at appropriate levels.

2.2 Task Organisation

The agencies of the Task Organisation will form the SAR Co-ord Gp and the potential organisation is at Annex B. It comprises both Military and Civil SAR and SAR-supporting organisations. However, the specific Task Organisation will depend on the nature of the

¹ The agreed LRF crisis management cycle of briefing, review and decision-making set by GOLD and which will cascade through SILVER to BRONZE.

incident, the SAR organisations available to respond and the availability of representatives from those SAR organisations in the SAR Co-ord Gp. For the Civil SAR emergency organisation, these assets could include:

- Non-voluntary assets (e.g. Fire & Rescue Urban Search & Rescue (USAR) and MCA).
- Voluntary assets (e.g. UK SAR emergency services staffed by volunteers (Lowland, Mountain & cave Rescue and Lifeboats).
- Local Community Voluntary (e.g. 4X4) and commercial SAR assets working under the auspices of a civil emergency organisation or of a local authority.

2.3 SILVER AIR CELL Interface with SAR Co-ord Gp

It is Association of Chief Police Officers (ACPO) policy that a Combined SILVER AIR Cell (CSAC) will coordinate all 'air' assets involved in a crisis and allocated to the LRF. It will work at the GOLD or SILVER level depending on the nature of the event and will sit alongside the SAR Co-ord Gp. Where a Military SAR Liaison Officer (SARLO) is located in the AIR Cell, SAR helicopter tasking will normally be actioned from there rather than from the Aeronautical Rescue Co-ordination Centre at RAF Kinloss (RAF ARCC). The SARLO will work closely with the SAR Co-ord Gp in SAR assessment and tasking.

There is no overlap of responsibilities between the SAR Co-ord Gp and SILVER AIR cells intended in this SOP. This plan is intended to interface with the ACPO CSAC plan in a multi-agency emergency where general 'air' assets and specific SAR assets are involved. The SILVER Air Cell would stand to within the first 2-4 hrs of an emergency, probably ahead of the SAR Co-ord Gp, which would stand-to at the 4-8 hr mark as non-air assets were deployed in support of the response. Owing to the availability of personnel, there may need to be some 'double-hatting of subject matter experts (SME) between the CSAC and SAR Co-ord Gp.

3 COMMAND & CONTROL (C2) & TASKING AUTHORITY

3.1 General

Individual agencies retain the full command and control of their own assets. However, the co-ordination of individual agency assets may be delegated, by consensus, for a specific SAR incident or individual SAR task. The Civil Police will routinely have primacy in any multi-agency land-based emergency where they will coordinate, but not command, the assets of the individual SAR agencies. The MCA will similarly have primacy in a maritime, coastal or littoral incident; however, in this event the RAF ARCC will have primacy in tasking any helicopters inland, e.g. away from the coast.

3.2 Individual Agency SOPs and Tasking Authority

Nothing in this document over-rides, or implies the over-riding of, individual agencies' own policies, SOPs or extant inter-agency agreements. No individual SAR agency can be tasked by the SAR Co-ord Gp unless it is by consensus. However, an individual SAR agency may decide unilaterally to self-deploy or request another agency's assets to deploy within its normal operating processes and inter-agency agreements, notwithstanding that this might result in a sub-optimal or an inappropriate response. For example:

- For Military and MCA helicopter assets in inland emergencies, the Aeronautical Rescue Coordination Centre (ARCC), at RAF Kinloss, may assess the best course of action to be the immediate deployment of helicopter assets. However, the ARCC will subsequently advise the SILVER AIR cell, the specialist SAR Liaison Officer (SARLO), the RAF Regional Liaison Officer (RAFRLO) or the SILVER SAR Co-ord Gp as appropriate.
- Similarly, the MCA Maritime Rescue Coordination Centre may deploy their MCA-contract helicopter assets separately in maritime/coastal emergencies, but will subsequently advise the agencies listed in sub-para a above.

3.3 Command & Control - Military Assets

All Military SAR assets, and any non-SAR Military air assets, tasked to provide additional SAR capability, will come under the control of the RAF ARCC. At the local level, they may be coordinated by the RAF Regional Liaison Officer (RAFRLO) or the Military SAR Liaison Officer (SARLO) at the multi-agency GOLD or SILVER. Any request for non-SAR Military capability should be made under normal Military Aid to the Civil Authority (MACA) arrangements via the Joint Regional Liaison Officer (JRLO).

3.4 Voluntary Organisations

Voluntary SAR organisations will participate within the LRF SAR sub group by sending representatives to scheduled sub group meetings and other LRF events. In a SAR event, they will work directly to the SAR Co-ord Gp or the BRONZE Police commander as appropriate.

4. GOLD DIRECTION & GUIDANCE AND SILVER IMPLEMENTATION.

Where a Strategic Coordinating Group (SCG) is established, it will determine the strategic priorities and provide the necessary direction and guidance (D&G) to the SILVER level for the overall response to a major incident. The multi-agency SILVER will interpret this D&G into a concept of operations, including the local focus for SAR. The multi-agency SILVER will pass that interpretation to the Police SILVER Cell and on to the SAR Co-ord Gp to ensure that SAR activity is effectively focussed to achieve the strategic priorities.

5 TASKING, ASSET ALLOCATION AND MONITORING

5.1 General

When informed of a SAR requirement, the Task Organisation of the SAR Co-ord Group will agree the SAR assets to be deployed. Once the decision to allocate a specific asset is made, the relevant organisation(s)'s SILVER representative(s) in the SAR Co-ord Gp will affect the allocation through their own chain of command and SOPs. The event will be monitored and the deployed capabilities re-assessed as necessary.

All decisions taken by the SAR Co-ord Gp or by individual agencies, and the outcomes of specific taskings will be formally logged in the SAR Co-ord Gp administrator, and those logs held for any subsequent audit or investigation. All individual logs, decisions and any associated documentation will similarly be held for audit or investigation. All documentation produced by the SAR Co-ord Gp will remain under CIVPOL control.

The chair of the SAR Co-ord Gp will maintain close liaison with the civil Police and multi-agency SILVER commander(s) (routinely the same individual) who will update the multi-

agency GOLD on SAR activity, usually through routine GOLD meetings, seeking agreement to the operational direction taken or additional direction and guidance to refocus the effort.

5.2 SAR Events within the LRF Boundary

5.2.1 SAR Requests

Specific requests for SAR support will be received by the civil emergency services, the RAF ARCC or the MCA Maritime Rescue Coordination Centre from a number of sources including:

- Members of the Public.
- Other responding agencies.
- SAR resources already deployed to the incident.

Each request will be forwarded to the SAR Co-ord Gp by the fastest means possible for consideration and resolution.

5.2.2 SAR Assessment and Allocation

On receipt of a request for SAR support, the Chair of the SAR Co-ord Gp will call an ad hoc meeting of the Task Organisation to assess the task and to agree the most appropriate SAR asset to be deployed. Matters to be considered are contained in the capabilities annexes (Annexes C and D) and, for more operational considerations (weather, location, etc), the SAR Assessment & Allocation - SOP form at Annex E. Annex E is to be completed as either a hard copy or computer template form and is to be maintained by the SILVER SAR Co-ord Gp (normally the CIVPOL Chair's administrative support); this is an auditable document which is to be correctly archived in accordance with Police requirements and may be presented as evidence in any subsequent enquiry.

5.2.3 Logging and Recording

A SAR Co-ord Gp log is to be maintained by the SAR Co-ord Gp coordinator (CIVPOL). Furthermore, all minutes or records of meetings, and any other relevant documents, are to be archived.

5.2.4 Task Completion

On completion of a specific task, and when convenient within the battle rhythm, the Chair SAR Co-ord Cell will call a wash-up meeting to consider any reports from the BRONZE level assets and to seek to identify trends or specific lessons identified to aid future tasking and response. The relevant tasking form is to be completed and archived.

5.2.5 Routine SAR Co-ord Gp Meetings

The Chair of the SAR Co-ord Gp will schedule routine meetings in the light of the nature and battle rhythm of the incident. These will usually be scheduled to align with multi-agency SILVER meetings.

5.3 Cross LRF or Inter-Regional SAR Events

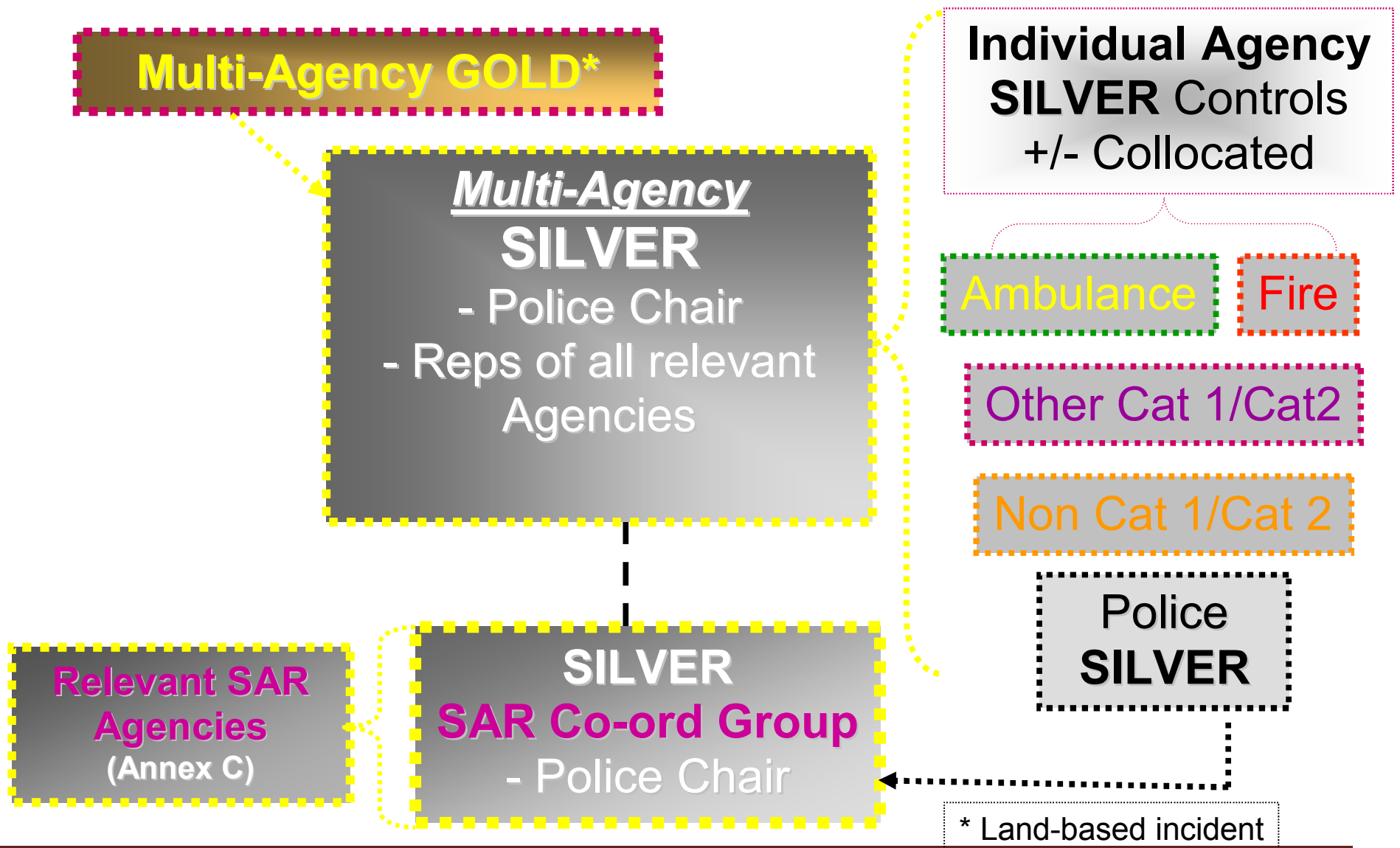
In a major, cross boundary crisis it may be necessary to co-ordinate SAR assets at a higher level than at the single LRF multi-agency SILVER SAR Co-ord Gp level. For Military and

MCA SAR assets, this would generally be managed directly by the RAF ARCC with specific assets being allocated for specific tasks to individual LRFs via a local SARLO or RAFRLO. For Fire & Rescue Service assets, these may be provided via mutual aid from an adjacent Brigade or tasked in via the National Co-ordination Centre in West Yorkshire. However, the SAR Co-ord Gp will still manage (assess, allocate to on-scene commanders, log and monitor) all local SAR allocations and help coordinate the integration of local SAR assets with any deployed in from another LRF or Region, but with firm liaison established with any cross-boundary SAR asset providers/managers. Once the need for these non-LRF assets ceases, the SAR Co-or Gp will ensure that action is taken to redeploy them as required.

Annexes:

- A. Generic Multi-Agency SILVER and SILVER SAR Co-ordination Group.
- B. Potential Task Organisation.
- C. SAR Capability Quick Reference Guide.
- D. SAR Organisation - Detailed Capabilities and Contacts
- E. SAR Assessment & Allocation – Standard Operating Procedures.
- F. SAR Communications – Quick Reference Guide.
- G. Glossary.

GENERIC MULTI-AGENCY SILVER AND SILVER SAR CO-ORDINATION GROUP



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POTENTIAL TASK ORGANISATION

Non-Voluntary Emergency Services Organisations – Cat 1 Responders

1. Devon & Cornwall Police.
2. Devon & Somerset Fire & Rescue Service.
3. Cornwall Fire & Rescue Service.
4. South Western Ambulance Service NHS Trust.
5. Maritime & Coastguard Agency.
6. Ministry of Defence (RAF ARCC and SAR Force assets).
7. Assets deployed in from another LRF or region.
8. Local Authorities in support.

UKSAR SAR Emergency Services Staffed by Volunteers

9. Exmoor Search & Rescue Team.
10. Cornwall Search & Rescue Team.
11. Dartmoor Rescue Group Ashburton/Tavistock/Plymouth/Okehampton
12. Royal National Lifeboat Institution (RNLI).
13. Devon Cave Rescue Organisation.
14. SAR assets of other UKSAR SAR Emergency Services staffed by Volunteers seconded to the Local Resilience Forum (LRF) Search & Rescue Group (LSARG).
15. Assets deployed in from another county or region.

Non-Voluntary or Commercial Organisations

16. Mines Rescue.
17. SAR assets of other non-voluntary or commercial organisations seconded or contracted to the LRF LSARG.

Local Community Volunteer Organisations

18. D&C 4x4 Response.
19. Search & Rescue Assistance in Disasters (SARAID).
20. Radio Amateurs' Emergency Network (RAYNET).
21. SAR assets of other voluntary organisations seconded to the LRF LARG.

UKSAR Regional SAR Organisations

22. Peninsula Mountain & Cave Rescue Association (PenMaCRA)

Organisation Capability	Devon & Cornwall Constabulary	Maritime and Coastguard Agency	Devon & Somerset FRS	Cornwall Fire & Rescue Service	Royal National Lifeboat Institution	Ministry of Defence	Dartmoor National park Authority	Exmoor SAR Team	Devon Cave Rescue Organisation	Local Authorities	Cornwall Search & rescue Team	Devon & Cornwall 4X4	Dartmoor Rescue Group (4 teams)
Mountain rescue						X		X	X		X		X
Mud rescue		X	X	X									
Noise detection (see also USAR)			X										
Open land search management	X	X		X				X*			X*		X*
POLSA search advisers	X												
Propping and shoring (see also USAR)			X							X			
Rope rescue		X	X	X				X	X		X		X
Search dogs	X							X*			X*		X*
Secondary device search	X					X							
Swift water rescue			X	X					X				X
Thermal imaging – aerial	X					X							
Thermal imaging – handheld	X		X	X					X	X			
Urban Search and Rescue			X										
Vibration detection (see also USAR)			X										
Water Margin Search	X		X	X				X	X		X		X

* These capabilities are available in connection with the relevant agency core role and not necessarily wider use. Usage of organisational capability will be decided by the SAR Co-ord Group during tasking discussions.

(This matrix is intended as a general guide only. Full details may be found on individual ‘SAR Organisation - Detailed Capabilities and Contacts’ sheets – Annex D)

SAR ORGANISATION - DETAILED CAPABILITIES AND CONTACTSOrganisation: **Devon & Cornwall Police**

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
D & C Police	Devon & Cornwall	Command & control Open area search Search management Search & rescue co-ordination Police helicopter with TI, stretcher, NITESUN. Diving/confined space capability Rope access capability	Airwave and some limited UHF handhelds Mobile phones Command vehicles	Police		Main switchboard: 08452 777444

Further 'free text' explanatory notes:

The Police are not a rescue agency but can undertake search operations and co-ordinate SAR operations. Additionally, they can call upon other voluntary agencies to assist, such as Mountain/cave rescue teams and 4x4 response volunteers.

The role of the police is to co-ordinate all land-based SAR incidents.

Organisation: **Devon and Somerset Fire and Rescue Service**

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Devon & Somerset Fire & Rescue Service	<p>Routine: Devon Somerset</p> <p>Mutual Aid: Adjacent counties under sec.13/16 arrangements; national response under the <i>National Mutual Aid Protocol for Serious Incidents</i></p>	<ul style="list-style-type: none"> • Firefighting • Swift Water Rescue • Flood Rescue • Water (& Flood) Incident Managers • Safe Work at Height • Rope Rescue • Confined Space Rescue • Urban Search and Rescue • High volume pumping • 4x4 light vehicles • Specialist Rescue Advisors • Non-powered inflatable boats 	<ul style="list-style-type: none"> • Airwave main-scheme • UHF incident ground hand held radios • Mobile telephones (all appliances and officers) • Sat phones • Confined space victim location (two-way comms) • VHF marine band (on selected stations) 	N/A		

Further 'free text' explanatory notes:

Organisation: Cornwall Fire & Rescue Service

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Cornwall Fire & Rescue Service	Cornwall	<ul style="list-style-type: none"> • 4WD • Breathing apparatus • Confined Space Entry • Cave rescue. • Cutting equipment. • Fire-fighting • Flood Rescue inland. • Gas detection • Heavy lifting. • Lighting – flood • Line Rescue • Maritime rescue • Mud rescue • Open Land Search Management • Rope rescue • Swift water rescue • Thermal Imaging – handheld 		N/A		

		<ul style="list-style-type: none">• Water margin search				
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Further 'free text' explanatory notes:

Organisation: Maritime & Coastguard Agency

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
HM Coastguard	UK Maritime Search & Rescue Region <i>Includes UK Coastline, inshore & offshore sea areas.</i>	<ul style="list-style-type: none"> The co-ordination of civil maritime Search & Rescue activities. The co-ordination of coastal Search & Rescue activities (generally below the high water mark and including littoral areas) The activation & co-ordination of SAR helicopters & RNLi Lifeboats and other declared SAR Units. The activation & co-ordination of Coastguard Rescue Teams (Mud & Cliff Rescue and Land Search Capability as well as medical evacuation, casualty reception and temporary helicopter landing sites) Co-ordination of Counter Pollution Activities Mobilisation of UK Maritime Incident Response Group. (Teams 	<ul style="list-style-type: none"> Licensed to used VHF channels 0,06,10,16,23,67,70,73,84,86,99 plus 24,62,63,64,85 for use during inland SAR operations although in a distress situation any available marine band frequency may be used. VHF AM 132.65 MHz MF Radio Landline Mobile telephone 	N/A		<p>RNLi Lifeboats available in various locations.</p> <p>MRCC Falmouth and MRCC Brixham have the facility to pair, which enables either station to co-ordinate incidents within their areas.</p>

		provided by Fire & Rescue Service responding to fire, chemical or hazardous incidents involving vessels.)				
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Further 'free text' explanatory notes:

Organisation: Ministry of Defence
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Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Ministry of Defence	UK-wide	<p>SAR helicopters: RAF and RN</p> <ul style="list-style-type: none"> • Locations: south west/east: RNAS Culdrose, RAF Chivenor, RAF Wattisham, RAF Valley. • Readiness: <ul style="list-style-type: none"> ○ Daylight: 15 mins. ○ Night: 45 mins. ○ Day only: 2nd aircraft back-up, subject to serviceability. • Capabilities: <ul style="list-style-type: none"> ○ 24/7 search and rescue. ○ Medivac / casevac: two stretchers + non-stretcher-bound. ○ Logistic and personnel transport. ○ Mass evacuation (approx. 17 personnel per lift). ○ Airborne comms. platform. 	<p>RAF/RN SAR helicopters:</p> <p>HF UHF VHF VHF (FM): marine and Mountain Rescue Team (MRT) frequencies</p> <p>RAF only: Airwave in 2010.</p> <p>SAT tracking and SATCOM: starts with effect from Oct 07-08.</p>	<p>Aeronautical Rescue Coordination Centre (ARCC), RAF Kinloss,</p> <p>Via police, ambulance or fire and rescue service dedicated lines or 999/112.</p>		

		<ul style="list-style-type: none"> ○ Land-based command and control support via portable comms. suite and RAF Liaison Officer. ○ Processed radar. ○ Night vision capability. ○ Infra-red camera (<i>RAF only</i>) ○ Colour TV camera <i>RAF only</i>) ○ Paramedics and kit inc. defib. and oxygen. ○ 245-ft winch cable <ul style="list-style-type: none"> ○ Lift: 3 adult. <p>RAF Mountain Rescue Teams (MRT)</p> <ul style="list-style-type: none"> ● 4 x 36 'man' teams. ● RAF Valley for south west. ● 60-min. readiness. ● Road or air deployed. ● MRT vehicles is mobile command and control centre. ● Capabilities: <ul style="list-style-type: none"> ○ Specialist command, control and co-ordination. ○ Search management. ○ GPS mapping capability. ○ Technical rescue. ○ Initial casualty recovery. ○ Aircraft post-crash management (APCM). 	<p>MRT: HF, VHF, UHF. SAT and cellular phones.</p>	<p>MRT: via_ARCC Duty Controller.</p>		
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Further 'free-text' explanatory notes:

Apart from dedicated SAR capability, the Aeronautical rescue Coordination Centre can call upon any Military capability to provide life-saving support.
RAF Regional Liaison Officer South West is available to answer any general SAR and 'air'-related questions via 07796 568380.

Organisation: Devon & Cornwall 4x4

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
On call out – Central controller / Bronze + local coordinators	Devon and Cornwall	4 x 4 transport Some 4x4 with winches	Mobile phones CB Some Amateur Radio capability	Police	Police	Vehicle capacity varies Discussion needed re likely extended requirements – i.e. stretcher carriage Some vehicles have winches. Some have GPS and / or SAT NAV.

Further 'free text' explanatory notes:

All members are volunteers and most are working full time. This will limit response in some cases, although there would be a significant turnout in large emergencies.
Coverage stretches throughout Devon and Cornwall.

Organisation: Cornwall Search & Rescue Team
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Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Cornwall Search & Rescue Team	Devon & Cornwall	<ul style="list-style-type: none"> • SAR covering mountain, moorland, rural, urban, river and mines. • Extreme weather assistance. • Specialist rope rescue. • 24/7 & 365 availability. • Search management • Mobile control and comms unit. • 4X4 and snow kit. • Ambulance capability. • Doctors/Casualty Care medics. • 1 SARDA 	<ul style="list-style-type: none"> • Mobile Rebroadcast radio unit. • Fixed radio repeater (Hensbarrow Beacon) • Mountain rescue, lowland SAR and UKSAR radio channels. • Channel Zero. • Military hailing (ground to air) channel 62A • Fixed phone line at base. 	Generally Police.	D&C Police and other Emergency Service Control Rooms.	<p>Approx 40 members on-call across Cornwall.</p> <p>Equipment and vehicles based around the county.</p> <p>Also a member of British Cave Rescue Council.</p>

		dog team.				
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Further 'free text' explanatory notes:
Callouts direct from the Ambulance Service and from the Fire Service in relation to underground SAR are acceptable

Company: **Dartmoor SAR Team Tavistock**

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Dartmoor Search & Rescue - Tavistock	Devon & Cornwall	<ul style="list-style-type: none"> • Open area search • 4WD • Extreme weather assistance • Safety cover • 1st aid 	<ul style="list-style-type: none"> • Mountain rescue Channels 1&2, 0 & 73 & all LSAR channels • Local repeaters on Dart & Okehampton & Beacon Hill • Emergency channel '0'. • Military hailing channel 62A 	Police	D&C Police Middlemoor	

Further 'free text' explanatory notes:

Callouts direct from the Ambulance Service are acceptable.

Organisation: Dartmoor SAR Team Plymouth

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Dartmoor SAR team Plymouth	Devon & Cornwall	<ul style="list-style-type: none"> SAR covering mountain, moorland, rural, urban, river. 24/7 & 365 availability. Search management Mobile C3 unit. 4X4 and snow kit. Ambulance capability. Doctors/1st aid 	<ul style="list-style-type: none"> Mountain rescue Channels 1 & 2, 0 & 73 & all LSAR channels Local repeaters on Dart & Okehampton & Beacon Hill Emergency channel '0'. Military hailing channel 62A 	Police	D&C Police Middlemoor	

Further 'free text' explanatory notes:

Direct callouts from Ambulance Service acceptable

Organisation: Dartmoor Search & Rescue Team (Okehampton)

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Dartmoor SAR team Okehampton (North Dartmoor)	Devon, & Cornwall,	<ul style="list-style-type: none"> SAR covering mountain, moorland, rural, urban, river. 24/7 & 365 availability. Search management Mobile C3 unit. 4X4 and snow kit. Ambulance capability. 	<ul style="list-style-type: none"> Mountain rescue Channels 1& 2, 0 & 73 & all LSAR channels Local repeaters on Dart & Okehampton & Beacon Hill Emergency channel '0'. Military hailing channel 62A. 	Police	D&C Police Middlemoor	<p>No line rescue capabilities wef Feb 10.</p> <p>One of 4 Dartmoor rescue Group Teams.</p>

Further 'free text' explanatory notes:

Callouts direct from the Ambulance Service are acceptable

Organisation: Dartmoor Search & Rescue Team (Ashburton)

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Dartmoor SAR team Ashburton	Devon, & Cornwall,	<ul style="list-style-type: none"> SAR covering mountain, moorland, rural, urban, river. 24/7 & 365 availability. Search management Mobile C3 unit. 4X4 and snow kit. Ambulance capability. 	<ul style="list-style-type: none"> Mountain rescue Channels 1 & 2, 0 & 73 & all LSAR channels Local repeaters on Dart & Okehampton & Beacon Hill Emergency channel '0'. Military hailing channel 62A. 	Police	D&C Police Middlemoor	One of 4 Dartmoor rescue Group Teams.

Further 'free text' explanatory notes:

Callouts direct from the Ambulance Service are acceptable

Organisation: Exmoor Search & Rescue Team
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Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Exmoor Search & Rescue Team	North Devon, Torridge, Mid Devon, East Devon, Somerset (W of R Parrott).	<ul style="list-style-type: none"> • Land-based SAR. • Mountain Rescue. • 24/7, 365 ops. • Steep ground ops. • First aid trained. • Still water boat search. 	<ul style="list-style-type: none"> • UKSAR system compatible with other MR, ALSAR, RAF, Ambulance comms. 	Police	D&C Police Middlemoor	

Further 'free text' explanatory notes:

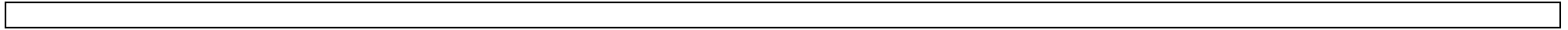
Callouts direct from the Ambulance Service are acceptable

Organisation: Devon Cave Rescue Organisation

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Devon Cave Rescue Organisation	Devon from the margins of Exmoor and on request down into the mining regions of East Cornwall, Caradon & beyond. We also have an informal relationship with both the Mendip & Gloucestershire Cave Rescue Organisations.	Although a specialist Cave & Mine Rescue Team capable of working in both vertical & horizontal systems. Individual Members and small groups of members have the capabilities to use 4x4, Work on the margins of swift water and in it, as well as above ground search in a wide variety of terrain.	3 vehicle & 6 hand portable VHF sets. On the MREW and emergency services bands. Several members having licences from other areas of VHF radio usage. 3 Heyphone, i.e. a complete underground radio system Other Civilian Radios are also available i.e. CB , PMR and also Satellite Phone.	Police	D&C Police	

Further 'free text' explanatory notes:

NOT PROTECTIVELY MARKED



Organisation: Dartmoor National Park Authority

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Dartmoor National Park Authority Ranger Service	Dartmoor and the wider area as requested	<ul style="list-style-type: none"> 14 staff each with 4x4 vehicles 	Own radio system and mobile phones	Ranger service		Call-out via Robert Steemson

Further 'free text' explanatory notes:

Organisation: Cornwall Council

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Cornwall Council	Cornwall	<ul style="list-style-type: none"> 4x4 vehicles (x 51) 	Landlines Mobile – Roaming MTPAS Sat Phones – Explorer 300 Globestar Pagers VHF (in Silver) Gould electronics (Radio, trackers)	Emergency Planning Service	Cornwall Fire Control	County emergency Planning Officer pager: 07659 186323

Further 'free text' explanatory notes:

4WD = 51
 Hi Abs = 6 and lifting platforms

Organisation: Devon County Council

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Devon County Council	Devon excluding Plymouth and Torbay	<ul style="list-style-type: none"> 4WD x 25 	Landlines Mobiles Sat Phone x 1 Raynet x 1 Airwave x 1	Emergency Planning Service		None are under the direct control of EPS and contact may only be possible during office hours.

Further 'free text' explanatory notes:

1/3/2010 Vehicles were located at Exeter (8), Newton Abbot (4), Dartmoor, Barnstaple, Ivybridge and Torrington (2), Tiverton, Okehampton, Stover, Tavistock and Bideford (1)

Organisation: Exeter City Council

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
Exeter City Council	Exeter City	<ul style="list-style-type: none"> • 4 WD capability • Breathing Apparatus • Gas Detection Equipment • Propping and shoring • Thermal imaging 	Landlines Mobile 1 Satphone Citywide Radio coverage	LRF		May not be available at very short notice

Further 'free text' explanatory notes:

Organisation: South Hams District Council

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
South Hams District Council	South Hams	<ul style="list-style-type: none"> • 4x4WD (16) 	<ul style="list-style-type: none"> • Phones: • Landline • Mobiles. • Satphone 	N/A		

Further 'free text' explanatory notes:

Access to 6 by 4x4WD vehicles

Organisation: EAST DEVON DISTRICT COUNCIL

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
East Devon District Council	East Devon	<ul style="list-style-type: none"> 4x4 WD (10) 	Landline Mobile telephones Satellite phone			

Further 'free text' explanatory notes:

Organisation: **Deliberately Blank (TEMPLATE)**

Organisation	Operational area	Capabilities	Comms.	Lead organisation	Activated via	Notes (including limitations)
		<ul style="list-style-type: none">	<ul style="list-style-type: none">		<ul style="list-style-type: none">	

Further 'free text' explanatory notes:

SAR ASSESSMENT & ALLOCATION – STANDARD OPERATING PROCEDURES

1 INTRODUCTION

1.1 These Standard Operating Procedures (SOP) are for the Devon, Cornwall and Isles of Scilly LRF's Search and Rescue Group (LSARG) working within the standard LRF multi-agency GOLD, SILVER and BRONZE structure in a crisis or on exercise and formed as the SILVER SAR Co-ordination Group (SAR Co-ord Gp).

1.2 The SOP is designed to:

- Facilitate and expedite the local SAR decision-making process to ensure that the most appropriate resources are allocated and deployed to a specific task.
- Manage the appropriate SAR resources deployed throughout the period of allocation, including a reassessment of resources allocated where necessary.
- Log and review all decisions made and actions taken within the rescue event to improve SAR response overall.
- Ensure that all relevant documents are archived for subsequent investigations or enquiries.
- These SOPs do not apply for the routine lost/missing person searches where all resources are adequately co-ordinated from the scene of the search.

2 SEQUENCE OF EVENTS

2.1 General

The sequence of events in a major SAR crisis is likely to be:

- Initial notification of the emergency.
- Formation of the SILVER SAR Co-ord Gp.
- Assessment of available capabilities.
- Requests for mutual aid.
- Allocation of SAR assets to tasks or BRONZE commands, and asset monitoring.
- Recovery of assets and stand-down.

2.2 Initial Notification of the Emergency

SAR agencies will be warned off by the civil emergency service operations rooms, the MCA or the RAF ARCC that a crisis is unfolding which may generate the requirement for the coordination of SAR assets at SILVER level.

2.3 Formation of the SILVER SAR Co-ord Gp

The SAR Co-ord Gp will form at the multi-agency SILVER location, or other agreed location. Normally the chair will be a civil Police Search Adviser (POLSA), but this may be delegated to another SAR agency if appropriate, e.g. the relevant Fire & Rescue Service. Organisations are to make their own arrangements to ensure that they are able to staff the SAR Co-ord Gp to meet the requirements of the emergency.

2.4 Assessment of Available Capabilities

The SAR Co-ord Gp is to determine SAR assets including those immediately available, those known to become available and those which are likely to be required, but which are not available from within the LRF area. This assessment will be repeated periodically throughout the crisis. These assets are to be recorded on a tote board or electronic log for ready reference in the format of Appendix 1 to this Annex. The information in Annex D provides detailed capability and contact information to assist in the recognised SAR capability picture.

2.5 Requests for Mutual Aid

Once the scope of the incident and the available assets are identified, it may be necessary to consider a request for additional capabilities. The SAR Co-ord Gp is to seek mutual aid from other LRFs, other Regions or from any national co-ordinating centres through the multi-agency SILVER commander. These requirements may be escalated to the Strategic Co-ordinating Group (SCG) or to the Government Office in the region.

2.6 Allocation of SAR Assets to Tasks and Monitoring

As requests for SAR support are received from BRONZE commands, so the SAR Co-ord Gp will assess available assets, agree the allocation of them, seek their deployment via the organisation's normal tasking process and monitor the incident overall. The SAR Assessment and Resource Allocation Form at Appendix 2 to this Annex is to be completed for each allocation notified to the SAR Co-ord Gp. The assessment is to include:

- Organisation requesting the response and their contact details.
- SAR assets already engaged on this task.
- Nature, time and location of the incident.
- Weather in the vicinity.
- Assets currently available.
- Assets estimated to become available within an agreed time.
- Assets agreed to be deployed.
- Communications to be used.
- Record of organisations agreeing to this deployment.

2.7 Recovery of Assets and Stand-down

As SAR assets complete tasks they are to be recorded on the form at Appendix 2 as available for re-allocation. Where no additional, or relevant tasks remain or are anticipated, then those assets may be stood down by consensus of the SAR Co-ord Gp. The SAR Co-ord Gp will itself stand-down by agreement with the multi-agency SILVER commander. Outcome of the tasking including any reassessment of capabilities required. The SOP form at Appendix 2 to this Annex is to be completed to show:

- Stand-down of assets: time and individual giving the authority.
- Tasking form to archive: individual giving the authority.

APPENDIX:

1. SAR Assets Tote Board.
2. SAR Assessment and Resource Allocation Form.

SAR ASSETS TOTE BOARD

ORGANISATION									
Contact # ²	Team # ³	Capability ⁴	Available ⁵	Available From ⁶	Allocated	Allocation Number	Est Off Task	Off Task	Notes ⁷

ORGANISATION									
Contact #	Team #	Capability	Available	Available From	Allocated	Allocation Number	Est Off Task	Off Task	Notes

¹ Note not taken up.

² Telephone, AIRWAVE, SATPHONE, e-mail, etc.

³ Team number or other form of identification.

⁴ Brief description, see Annexes C and D.

⁵ Immediately available.

⁶ To show when an assets may become available from another task, or, if a cross-boundary asset, when it will be available for tasking.

⁷ Include R&R time out, refuelling info, etc.

SAR ASSETS TOTE BOARD (CONTINUED)

ORGANISATION									
Contact #	Team #	Capability	Available	Available From	Allocated	Allocation Number	Est Off Task	Off Task	Notes

ORGANISATION									
Contact #	Team #	Capability	Available	Available From	Allocated	Allocation Number	Est Off Task	Off Task	Notes

ORGANISATION									
Contact #	Team #	Capability	Available	Available From	Allocated	Allocation Number	Est Off Task	Off Task	Notes

SAR ASSESSMENT AND RESOURCE ALLOCATION FORM

The following form is to be completed, as far as is possible, by the Silver SAR Cell in the assessment of the appropriate SAR assets allocation:

Incident Ref _____ SAR ALLOCATION NUMBER: ___of___

INCIDENT CONTACT INFORMATION	
Report from :	
Contact	
Tel 1	
Tel 2	
e-mail	
Other Info	
Have any SAR Organisations already been Allocated/Dispatched?	
Detail:	
LOCATION OF INCIDENT	
OS Grid ref: Or Lat/long:	
Location Name/Description	

INCIDENT DETAILS	
Description	

Persons at risk	
Date/Time of Incident	

HAZARDS

Consider hazards at the scene including the weather, pollution, water, chemicals, fire etc and the specialist skills required for attendance.

ASSET AVAILABILITY

Refer to Assets/Resources Board in SAR Coordinating Cell or Master Log.

ASSETS TO BE ALLOCATED

	ORGANISATION	ASSET	CONSTRAINTS
1.			
2.			
3.			
4.			
5.			
6.			

If further space required use master log/rear of tasking sheet and cross reference.

COMMUNICATIONS

Describe how teams will communicate with each other, with respective control rooms and with SAR Coordinating Cell

TASK OUTCOME				
Narrative				
Re-Task and Cross Reference				
Lessons Identified				
Completed	Date/Time	Organisation	Name	Initials
TO ARCHIVE				
Authority	Name	Rank	Position	
SAR Cell Coordinator				

GLOSSARY

Ser a	Acronym/Abbreviation b	Meaning c	Comment d
1.	4X4	Four by Four-wheel drive vehicles	Local community volunteer SAR organisations specialising in communications and general support to crisis.
2.	ACPO	Association of Chief Police Officers	Police professional group over-seeing a range of projects, including the SILVER AIR Cell.
3.	ARCC	Aeronautical Rescue Co-ordination Centre, RAF Kinloss	Control and co-ordination of Military SAR helicopters and MCA helicopters in an inland emergency. Also, can call upon any other Military asset in an SAR event.
4.	Battle Rhythm	The agreed LRF crisis management cycle of briefing, review and decision-making set by GOLD and which will cascade through SILVER to BRONZE.	A generally accepted term for the 'work cycle' of the LRF.
5.	Helimed	Air Ambulance	
6.	JRLO	Joint Regional Liaison Officer	Military Liaison officer with the MOD lead on MACA, but not SAR (see SARLO and RAFRLO) or aircraft post crash management.
7.	Lat/Long	Latitude and Longitude	System for defining a point on the globe. The use of Ordnance Survey grid references may be more common.

Ser a	Acronym/Abbreviation b	Meaning c	Comment d
8.	LRF	Local Resilience Forum	Multi-agency organisations working in peace and crisis within the requirements of the Civil Contingencies Act 2004.
9.	LSARG	Local (LRF) Search & Rescue Group	LRF BRONZE/working group level multi-agency organisation required for LRFs with a coastline and co-chaired by Police and Maritime & Coastguard Agency where the LRF has a coastline. Where a LSARG is established in an LRF with no coastline, the LRF or LSARG will determine the appropriate chair.
10.	MACA	Military Aid to the Civil Authority	<p>Military support in within the terms of Joint Defence Publication 02 and including:</p> <ul style="list-style-type: none"> a. Military Aid to the Civil Community MACC. MACC Cat A is the category encompassing SAR; e.g. life at risk. b. Military Aid to other Government Depts. (MAGD) c. Military Aid to the Civil power (MACP) d. And Training & logistical Assistance to the Civil power (TLACP).

Ser a	Acronym/Abbreviation b	Meaning c	Comment d
11.	MCA	Maritime & Coastguard Agency	Control and co-ordination of SAR assets in a maritime and coastal crisis.
12.	OS	Ordnance Survey	Mapping system and organisation. See Ser
13.	Police ASU	Police Air Support Unit	Police helicopter unit which may be combined with Air Ambulance
14.	RAFRLO	Royal Air Force Regional Liaison Officer	Point of contact for advice on RAF matters including Military Aid to the Civil Community, aircraft post crash management, search & rescue and 'Air' matters generally. The RAFRLO would normally be located in GOLD or SILVER in a crisis. Located at one of 9 units around the UK. Region may be collocated with the JRLO.
15.	SAR Co-ord Group	SILVER Search and rescue Coordination Group	SILVER level multi-agency organisation coordinating search and rescue assets in a crisis under a civil Police Chair.
16.	SARLO	Search & Rescue Liaison Officer	Military SAR specialist deployed by the ARCC to SILVER or GOLD in a major crisis.
17.	SCG	Strategic Co-ordinating Group	Group of chief officers of LRF agencies responsible for providing strategic direction, guidance and support.
18.	SOP	Standard Operating Procedures	Agreed working methods and processes.
19.	Task Organisation	Task Organisation	Those SAR agencies and SAR

Ser a	Acronym/Abbreviation b	Meaning c	Comment d
			supporting agencies involved in the emergency and working within the SILVER SAR Co-ord Gp.
20.	USAR	Urban Search & Rescue	Routinely conducted by the Fire & Rescue Services.