

Towards Formalizing Emergency Response Terminologies

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Appendix A

This appendix contains all the considerations keeping in mind to carry out the formalisation of terms from the UKCP glossary.

Explain that the definitions in the glossary use bold to refers to terms that are defined in the glossary.

First cohort

1. 4x4 response

- *UCKP definition:* A voluntary sector organisation that provides 4x4 vehicles & drivers to support emergency responders and voluntary organisations when road or weather conditions prevent their normal vehicles from operating, or their vehicles or drivers are depleted.
- *WordNet definition/s:* Not defined in WN.
- *Decision:* Add this new synset
- *Hypernym:* Organisation (n-08024893)
- *ID:* ex1_ss_4x4_response

2. Access Control Point

- *Acronym:* ACP
- *UCKP definition:* Controlled point through which essential non-emergency service personnel may gain access through the **outer corridor**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Point (n-08637636)
- *ID:* ex1_ss_access_control_point

3. Accident

- *UCKP definition:* Unplanned, unexpected, unintended and undesirable **happening** which results in or has the potential for injury, harm, ill-health or damage.
- *WordNet definition/s:*
 - (a) an unfortunate mishap; especially one causing damage or injury.
 - (b) anything that happens suddenly or by chance without an apparent cause.
- *Decision:* It is well defined with the first definition defined in WN.
- *Hypernym:* Mishap, misadventure, mischance (n-07329027)
- *ID:* n-07315954.

4. Agency

- *UCKP definition:* A generic term, widely used as synonymous with **organisation**
- *WordNet definition/s:*
 - (a) (federal agency, government agency, bureau, office, authority) an administrative unit of government.
 - (b) a business or organization that provides a particular service, especially the mediation of transactions between two parties.
 - (c) the state of being in action or exerting power.
 - (d) (representation, delegacy) the state of serving as an official and authorized delegate or agent.
 - (e) (means, way) thing or person that acts to produce a particular effect or achieve an end.
- *Decision:* Add a new sense as a synonym of organisation.
- *Hypernym:* Social Group (n-07967506)
- *ID:* ex1_ss_agency
- *Synonym:* Organisation (n-08024893)

5. Air Ambulance

- *UCKP definition:* **Aircraft** (usually a helicopter) used primarily to transport medical or paramedical staff to the **site** of an **incident** or **emergency** and **casualties** to specialist trauma centres and/or **designated hospitals**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Aircraft (n-02689427)
- *ID:* ex1_ss_air_ambulance

6. Airwave

- *Acronym:* AIRWAVE
- *UCKP definition:* The common, secure digital **radio system** used by the emergency services and others in the resilience and security community. The system is based on the **TRETA** standards set.
- *WordNet definition/s:*
(a) (air) medium for radio and television broadcasting.
- *Decision:* WN defines the medium, but not the system, so we need to add a new synset.
- *Hypernym:* Radio (n-04048624)
- *ID:* ex1_ss_airwave

7. Assembly Point

- *UCKP definition:* See **Evacuation Assembly Point**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset. Synonym of *evacuation assembly point*
- *Hypernym:* Point (n-08637636)
- *ID:* ex1_ss_assembly_point

8. Assistance Centre

- *UCKP definition:* Any **facility** (whether physical or virtual) set up during response to and recovery from an emergency to provide a range of assistance to different categories of people affected by the emergency. See also: **Family and Friends Reception Centre; Friends and Relatives Reception Centre; Humanitarian Assistance Centre; Public Information Point; Responders Welfare Centre; Rest Centre; Survivor Reception Centre.**
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Facility (n-03319968)
- *ID:* ex1_ss_assistance_centre

9. Back-up

- *UCKP definition:* Military or emergency **services** contingent providing additional support in an operation.
- *WordNet definition/s:*
(a) (an accumulation caused by clogging or a stoppage)
(b) (someone who takes the place of another (as when things get dangerous or difficult))

- (c) (a musical part (vocal or instrumental) that supports or provides background for other musical parts)
- (d) ((computer science) a copy of a file or directory on a separate storage device)
- (e) (the act of providing approval and support)
- *Decision*: The UKCP definition is not represented in WN. It is necessary to add a new sense
- *Hypernym*: Service (n-01212066)
- *ID*: ex1_ss_back_up

10. Blue route

- *UCKP definition*: A dedicate route for emergency vehicles to access to and egress from the scene of an emergency or major incident.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Road (n-08633886)
- *ID*: ex1_ss_blue_route

11. Body Collection Point

- *UCKP definition*: See Holding and audit area for deceased people and human remains
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Point (n-08637636)
- *ID*: ex1_ss_body_collection_point

12. Body Holding Area

- *UCKP definition*: See Holding and audit area for deceased people and human remains
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add Lexical entry as synonym of ex1_ss_body_collection_point
- *Hypernym*: Area (n-02738693)
- *ID*: ex1_ss_body_holding_area

13. Body Viewing Area

- *UCKP definition*: Area in which family members may view the bodies of people who have died in an emergency.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Area (n-02738693)

- *ID*: ex1_ss_body_viewing_area

14. Bronze

- *UCKP definition*: The tier of **command** and **control** within a single agency (below **gold** level and **silver** level) at which the management of ‘hands-on’ work is undertaken at the incident site(s) or associated areas.
- *WordNet definition/s*:
 - (an alloy of copper and tin and sometimes other elements; also any copper-base alloy containing other elements in place of tin)
 - (a sculpture made of bronze)
- *Decision*: UKCP definition is not represented in WN. Add new synset
- *Hypernym*: Command and Control Level (ex1_ss_command_and_control_level)
- *ID*: ex1_ss_bronze

15. Capability

- *UCKP definition*: A demonstrable **ability** to respond to and recover from particular **threat** and **hazard**.
- *WordNet definition/s*:
 - (capableness) the quality of being capable – physically or intellectually or legally.
 - (capacity) the susceptibility of something to a particular treatment.
 - (capableness, potentiality) an aptitude that may be developed.
- *Decision*: The first definition in WN might be use, but if we do so, we are loosing particular information. I think we can add this domain-specific meaning.
- *Hypernym*: Ability (n-05207437)
- *ID*: ex1_ss_capability

16. Casualty

- *UCKP definitions*:
 - Person** killed or physically, psychologically or mentally injured as a result of war, **accident** or civil **emergency**.
 - (In a maritime **emergency**) **Vessel** in distress.
 - (For **Casualty Bureau** purpose) **Person** known, or believed, to be involved in an **incident**, including **evacuees**, **survivors**, and deceased.
- *WordNet definition/s*:

- (a) (someone injured or killed or captured or missing in a military engagement)
- (b) (someone injured or killed in an accident)
- (c) (an accident that causes someone to die)
- (d) (a decrease of military personnel or equipment)
- *Decision:* UKCP definitions (b) and (c) are not represented in WN. Add these new senses.
- *Hypernym:*
 - (a) Vessel (n-04537861)
 - (b) Person (n-00007846)
- *ID:*
 - (a) ex1_ss_casualty1
 - (b) ex1_ss_casualty2

17. Casualty Bureau

- *Acronym:* CasB
- *UCKP definition:* Initial **point contact** and **information**, maintained by the police, for all data relating to **casualties**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Contact (n-06271913)
- *ID:* ex1_ss_casualty_bureau

18. Casualty Clearing Officer

- *UCKP definition:* Ambulance **officer** who, in liaison with the **Medical Incident Commander**, ensures an efficient patient throughput at the **Casualty Clearing Station**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Representative (n-10541628)
- *ID:* ex1_ss_casualty_clearing_officer

19. Casualty Form

- *UCKP definition:* **Document** completed in respect of each injured person and collated in the **Casualty Bureau**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Form (n-06485234)

- *ID*: ex1_ss_casualty_form

20. Casualty Information Unit

- *UCKP definition*: **Element** within the **Casualty Bureau** responsible for the recording of casualty data forwarder by Hospital Documentation Teams.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Unit (n-13832535)
- *ID*: ex1_ss_casualty_information_unit

21. Casualty receiving hospital

- *UCKP definition*: See **Designated Receiving Hospital**
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add to *ex1_ss_designated_receiving_hospital*
- *Hypernym*: Hospital (n-03545775)
- *ID*: ex1_ss_casualty_receiving_hospital

22. Catastrophic emergency

- *UCKP definition*: An **emergency** which has an exceptionally high and potentially widespread impact and requires immediate central government direction and support.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: **Emergency** (ex1_ss_emergency)
- *ID*: ex1_ss_catastrophic_emergency

23. Category 1 responder

- *Acronym*: Cat 1
- *UCKP definition*: A **person or body** listed in Part 1 of Schedule 1 to the **Civil Contingencies Act**. These bodies are likely to be at the core of the response to most **emergencies**. As such, they are subject to the full range of **civil protection** duties in **the Act**.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset. The definition is ambiguous taking into account that *Responder* only involves organisations. For this reason, we define this as an hyponym of *Responder*
- *Hypernym*: ex1_ss_responder
- *ID*: ex1_ss_category1_responder

24. Category 2 responder

- *Acronym*: Cat 2
- *UCKP definition*: A **person or body** listed in Part 3 of Schedule 1 to the **Civil Contingencies Act**. These are co-operating responders who are less likely to be involved in the heart of **multi-agency** planning work, but will be heavily involved in preparing for incidents affecting their sectors. **The Act** requires them to co-operate and share information with other **Category 1 and 2 responders**.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset. The definition is ambiguous taking into account that *Responder* only involves organisations. For this reason, we define this as an hyponym of *Responder*
- *Hypernym*: ex1_ss_responder
- *ID*: ex1_ss_category2_responder

25. Cold Zone

- *UCKP definition*: This is the **area** beyond the inner cordon.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Zone (n-08705985)
- *ID*: ex1_ss_cold_zone

26. Command

- *UCKP definition*: The **exercise** of vested authority that is associated with a role or rank within an organisation, to give direction in order to achieve defined objectives.
- *WordNet definition/s*:
 - (a) (an authoritative direction or instruction to do something)
 - (b) (a military unit or region under the control of a single officer)
 - (c) (the power or authority to command)
 - (d) (availability for use)
 - (e) (a position of highest authority)
 - (f) (great skillfulness and knowledge of some subject or activity)
 - (g) ((computer science) a line of code written as part of a computer program)
- *Decision*: The UKCP definition is currently represented in WN
- *Hypernym*: authority, authorization, authorisation, potency, dominance, say-so (n-05203850)
- *ID*: n-05205065

27. Command and Control

- *Acronym:* C2
- *UCKP definition:* The **exercise** of vested authority through means of communications and the management of available assets and **capabilities**, in order to achieve defined objectives.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Command (n-05205065) and Control (n-05203643)
- *ID:* ex1_ss_command_and_control

28. Command and Control Level

- *UCKP definition:* **Not defined in the UKCP.** **Level of command and control** of a specific situation.
- *WordNet definition/s:* Not defined in WN
- *Decision:* This term is created as hypernym of *gold, silver, bronze, strategic, tactical and operational*. Add new synset
- *Hypernym:* Command and control (ex1_ss_command_and_control) Level (n-14451564)
- *ID:* ex1_ss_command_and_control_level

Command Level (ex1_ss_command_level)

29. Command Protocol(s)

- *UCKP definition:* Established **procedure(s)** delineating lines of **command** and responsibility in the **response** to an **incident** or **emergency**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Protocol (n-05676759)
- *ID:* ex1_ss_command_protocol

30. Control centre

- *UCKP definition:* **Operations centre** from which the management and coordination of the **response** by each **emergency service** to an **emergency** are carried out.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Facility (n-03319968)
- *ID:* ex1_ss_control_centre

31. Control room

- *UCKP definition:* See **control centre**
- *WordNet definition/s:* Not represented in WN
- *Decision:* Add as synonym
- *Hypernym:* Facility (n-03319968). Add as synonym of (ex1_ss_control_centre)
- *ID:* ex1_ss_control_room

32. Controlled area

- *UCKP definition:* **Area** contained by an **outer cordon**
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Area (n-02738693)
- *ID:* ex1_ss_controlled_area

33. Coxswain

- *UCKP definition:* **Person** in charge of a small craft.
- *WordNet definition/s:*
 - (a) (the helmsman of a ship's boat or a racing crew)
- *Decision:* Term well defined in WN
- *Hypernym:* helmsman, steersman, steerer (n-10189389)
- *ID:* n-09993154

34. Crisis

- *UCKP definition:*
 - (a) General definition: an inherently abnormal, unstable and complex **situation** that represents a threat to the **strategic** objectives, reputation or existence of an organisation.
 - (b) Specific definition: **emergency** of magnitude and/or severity requiring the activation of central government response.
 - (c) Personal: acute **emotional reaction** to a powerful stimulus or demand.
- *WordNet definition/s:*
 - (a) an unstable situation of extreme danger or difficulty
 - (b) (a crucial stage or turning point in the course of something)
- *Decision:* Due to we are extending WN with domain specific terminologies. We are going to consider the second definition and so, it is necessary to add a new sense
- *Hypernym:* ex1_ss_emergency

- *ID*: ex1_ss_crisis

35. Critical Incident

- *UCKP definition*: Incident in which the police response is likely to have a significant impact on the confidence of the victim, his/her family and/or the community.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: ex1_ss_incident
- *ID*: ex1_ss_critical_incident

36. Crowd Doctor

- *UCKP definition*: Medical practitioner, registered with the General Medical Council, who has received training in pre-hospital care and management in relation to an emergency.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Medical practitioner (n-10325469)
- *ID*: ex1_crowd_doctor

37. Cruse

- *UCKP definition*: Charitable organisation offering bereavement counselling, advice and support throughout the UK.
- *WordNet definition/s*:
(a) (small jar; holds liquid (oil or water))
- *Decision*: The UKCP term is not represented in WN. Add new synset
- *Hypernym*: Organisation (n-08024893)
- *ID*: ex1_ss_cruse

38. Decontamination Point

- *UCKP definition*: The position on the inner cordon at which decontamination is carried out.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Point (n-08637636)
- *ID*: ex1_ss_decontamination_point

39. Designated Receiving Hospital

- *Acronym*: CCS

- *UCKP definition:* **Hospital** designated by a **Strategic Health Authority** as suitable for receiving injured persons from an **emergency**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset.
- *Hypernym:* Hospital (n-03545775)
- *ID:* ex1_ss_designated_receiving_hospital

40. Disaster

- *UCKP definition:* **Emergency** (usually but not exclusively of natural causes) causing, or threatening to cause, widespread and serious disruption to community life through death, injury, and/or damage to property and/or the environment.
- *WordNet definition/s:*
 - (a) (catastrophe) a state of extreme (usually irremediable) ruin and misfortune.
 - (b) (calamity, catastrophe, tragedy, cataclysm) an event resulting in great loss and misfortune.
 - (c) an act that has disastrous consequences
- *Decision:* There are some WN meanings that might be considered as similar as the UKCP definition. However, there are no sense which define *disaster* as an *emergency*. For this reason, we should add this new synset.
- *Hypernym:* **Emergency** (ex1_ss.emergency)
- *ID:* ex1_ss_disaster

41. Downstream

- *UCKP definition:* That **portion of the river** which is farther from the river's source than the reference point
- *WordNet definition/s:*
 - (a) (adj) in the direction of a stream's current.
 - (b) (adv) (downriver) away from the source or with the current.
- *Decision:* It is necessary to add this term as a noun, which refers to the portion of the river.
- *Hypernym:* River (n-09411430) **River is a meronym, not an hypernym**
- *ID:* ex1_ss_downstream

42. Emergency

- *UCKP definition:* An **event or situation** which threatens serious damage to human welfare in a place in the UK, the environment of a place in the UK, or the security of the UK or of a place in the UK.

- *WordNet definition/s:*
 - (a) (exigency, pinch) a sudden unforeseen crisis (usually involving danger) that requires immediate action.
 - (b) a state in which martial law applies
 - (c) (hand brake, emergency brake, parking brake) a brake operated by hand; usually operates by mechanical linkage.
- *Decision:* Here the problem is that an emergency is defined as an event or situation. The most similar definition is the first one, however in this case the inherited hypernyms are: entity -i abstraction, abstract entity -i psychological feature -i event -i happening, occurrence, occurrent, natural event -i juncture, occasion -i crisis -i emergency
The problem is that crisis is defined in the UKCP as a kind of emergency, so there is a loop. Do solve this, emergency is added as a new synset. Moreover this is UK dependant, it might be better to specify this adding a jurisdiction attribute.
- *Hypernym:* Juncture (n-07431314)
- *ID:* ex1_ss_emergency

43. Evacuation

- *UCKP definition:* Removal, from a place of actual or potential danger to a place of relative safety, of people and (where appropriate) other living creatures.
- *WordNet definition/s:*
 - (a) (emptying, voidance) the act of removing the contents of something.
 - (b) the act of evacuating; leaving a place in an orderly fashion; especially for protection.
 - (c) (elimination, excretion, excreting, voiding) the bodily process of discharging waste matter.
- *Decision:* The second sense fits well with UKCP definition.
- *Hypernym:* Withdrawal (n-00054733)
- *ID:* n-00055641

44. Evacuation Assembly Point

- *Acronym:* EvAP
- *UCKP definition:* Building or area on the periphery of an area affected by an emergency, to which evacuees are directed to await transfer to a survivor reception centre or rest centre.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset

- *Hypernym*: Point (n-08637636)
- *ID*: ex1_ss_evacuation_assembly_point

45. Event

- *UCKP definition*: See incident
- *WordNet definition/s*:
 - (a) something that happens at a given place and time.
 - (b) (case) a special set of circumstances.
 - (c) a phenomenon located at a single point in space-time; the fundamental observational entity in relativity theory.
 - (d) (consequence, effect, outcome, result, issue, upshot) a phenomenon that follows and is caused by some previous phenomenon
- *Decision*: *Event* is an abstract synset in WN, while for the UKCP it is more specific. Concretely, a synonym of incident.
 The problem is that incident is an hyponym of event in WN. We have to add this new sense.
- *Hypernym*: The same as Incident
- *ID*: ex1_ss_event

46. Exclusive zone

- *Acronym*: ExclZ
- *UCKP definition*: Area, usually within the inner cordon, to which access is normally denied to all personnel, including emergency services. See also cordon.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Zone (n-08705985)
- *ID*: ex1_ss_exclusive_zone

47. Exercise

- *UCKP definition*: A simulation designed to validate organisations' capability to manage incidents and emergencies. Specifically exercises will seek to validate training undertaken and the procedures and systems within emergency or business continuity plans.
- *WordNet definition/s*:
 - (a) (the activity of exerting your muscles in various ways to keep fit)
 - (b) (the act of using)
 - (c) (systematic training by multiple repetitions)
 - (d) (a task performed or problem solved in order to develop skill or understanding)

- (e) ((usually plural) a ceremony that involves processions and speeches)
- (f) (an action, often used negatively and without consequences)
- *Decision*: Term well defined by the third sense.
- *Hypernym*: Training (n-00895653)
- *ID*: n-00896250

48. Extranet

- *UCKP definition*: See National Resilience Extranet
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add as synonym of *National Resilience Extranet* (ex1_ss_national_resilience_extranet)
- *Hypernym*:
- *ID*:

49. Gold

- *UCKP definition*: The strategic level of command and control (above **Silver** level and **Bronze** level) at which policy, strategy and the overall response framework are established and managed for individual responder agencies.
- *WordNet definition/s*:
 - (a) (coins made of gold)
 - (b) (a deep yellow color)
 - (c) (a soft yellow malleable ductile (trivalent and univalent)
 - (d) (great wealth)
 - (e) (something likened to the metal in brightness or preciousness or superiority etc.)
- *Decision*: Term not defined in WN. Add new synset
- *Hypernym*: Command and Control Level (ex1_ss_command_and_control_level)
- *ID*: ex1_ss_gold

50. Helpline

- *UCKP definition*: Telephone (and often email) system by which people affected by an **emergency** can obtain help or services or provide information.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this new synset
- *Hypernyms*: Telephone System (n-04409881) and Email (n-06289979)
- *ID*: ex1_ss_helpline

51. Holding area

- *UCKP definition:* Generic term for an **area** to which resources and personnel not immediately required at the **scene** or being held for further use, can be directed to standby.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Area (n-02738693)
- *ID:* ex1_ss_holding_area

52. Host Organisation

- *UCKP definition:* (Local authority guidance term for) **Local authority** in whose **operational** area and **emergency** has occurred, and which requires support to deal with it.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Organisation (n-08024893)
- *ID:* ex1_ss_host_organisation

53. Hot Zone

- *UCKP definition:* **Zone** of the highest level of contamination.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Zone (n-08705985)
- *ID:* ex1_ss_hot_zone

54. Hub

- *UCKP definition:* Designated **location** at which evacuees can be picked up by public transport. See also **head**.
- *WordNet definition/s:*
 - (a) (the central part of a car wheel (or fan or propeller etc) through which the shaft or axle passes)
 - (b) (a center of activity or interest or commerce or transportation; a focal point around which events revolve)
- *Decision:* Term defined in WN
- *Hypernym:* center, centre, middle, heart, eye (n-08540894)
- *ID:* n-08560786

55. Incident

- *UCKP definition:* **Event** or **situation** that requires a response from the **emergency services** or other **responders**.

- *WordNet definition/s:*
 - (a) a single distinct event.
 - (b) a public disturbance.
- *Decision:* In that case the definitions provide by WN are too general. We need to add this new sense.
- *Hypernyms:* Happening (n-07298313) and Situation (n-13950416)
- *ID:* ex1_ss_incident

56. Inner cordon

- *UCKP definition:* **Cordon** established to secure the immediate **scene** and provide a measure of protection for personnel working within the area.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Cordon (n-08393679)
- *ID:* ex1_ss_inner_cordon

57. Large scale evacuation

- *UCKP definition:* **Evacuation** of between 25,000 and 100,000 people from a place of danger to a place of relative safety.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Evacuation (n-00055641)
- *ID:* ex1_ss_large_scale_evacuation

58. Lead Responder

- *UCKP definition:* A **Category 1 responder** charged with carrying out a duty under **the Act** on behalf of a number of **responder** organisations, so as to **co-ordinate** its delivery and to avoid unnecessary duplication.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Category 1 responder (ex1_ss_category1_responder)
- *ID:* ex1_ss_lead_responder

59. Level 1 emergency

- *UCKP definition:* **Significant emergency** ; see under **level of emergency**
- *WordNet definition/s:* Not defined in WN

- *Decision*: Add this lexical entry as a synonym of *significant emergency*
- *Hypernym*: **Level of Emergency** (ex1_ss_level_of.emergency)
- *ID*: ex1_ss_level_1.emergency

60. Level 2 emergency

- *UCKP definition*: **Serious emergency** ; see under **level of emergency**
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this lexical entry as a synonym of *serious emergency*
- *Hypernym*: **Level of Emergency** (ex1_ss_level_of.emergency)
- *ID*: ex1_ss_level_2.emergency

61. Level 3 emergency

- *UCKP definition*: **Catastrophic emergency** ; see under **level of emergency**
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this lexical entry as a synonym of *catastrophic emergency*
- *Hypernym*: **Level of Emergency** (ex1_ss_level_of.emergency)
- *ID*: ex1_ss_level_3.emergency

62. Level of emergency

- *UCKP definition*: Cabinet Office (2010) Central Governments Arrangements for Responding to an **Emergency** defines three **levels** of **emergency** of national significance. These are, in descending order of magnitude, **catastrophic emergency** (Level 3); **serious emergency** (Level 2); **significant emergency** (Level 1). Below the national level there is a further category, **local emergency**, the response to which is conducted by **local responders**, where necessary in conjunction with local government.
- *WordNet definition/s*: No defined in WN
- *Decision*: Add this synset
- *Hypernyms*: Level (n-05101152) and **Emergency** (ex1_ss_level_of.emergency).
- *ID*: ex1_ss_level_of.emergency

63. Loading Point

- *UCKP definition*: See **hub**
- *WordNet definition/s*: Not defined in WN

- *Decision*: Add as synonym of *hub* (n-08560786)
- *Hypernym*: center, centre, middle, heart, eye (n-08540894)
- *ID*: ex1_ss_loading_point

64. Local

- *UCKP definition*: (by contrast with national or regional) relating to a limited **area** or immediate vicinity.
- *WordNet definition/s*:
 - (relating to or applicable to or concerned with the administration of a city or town or district rather than a larger area)
 - (of or belonging to or characteristic of a particular locality or neighborhood)
 - (affecting only a restricted part or area of the body)
- *Decision*: It is well represented in WN
- *Hypernym*:
- *ID*: adj-01110098

65. Local emergency

- *UCKP definition*: **Emergency** with local **impact**, the response to which is conducted by **local responders**, where necessary in conjunction with local government.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Emergency (ex1_ss_emergency)
- *ID*: ex1_ss_local_emergency

66. Major accident

- *UCKP definition*: **Accident** of a sufficiently large scale to constitute an **emergency**.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Accident (n-07315954)
- *ID*: ex1_ss_major_accident

67. Mayor incident

- *UCKP definition*: **Event or situation** requiring a **response** under one or more of the **emergency services' major incident** plans.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add the new synset as an hyponym of **incident**

- *Hypernym*: **Incident** (ex1_ss_incident)
- *ID*: ex1_ss_major_incident

68. Marshalling area

- *UCKP definition*: Generic term for an **area** to which resources and personnel not immediately required at the scene or being held for further use can be directed to stand by.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Area (n-02738693)
- *ID*: ex1_ss_marshallling_area

69. Mass evacuation

- *UCKP definition*: **Evacuation** of a large number of people (100,000+) from a place of danger to a place of relative safety.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this new synset
- *Hypernym*: Evacuation (n-00055641)
- *ID*: ex1_ss_mass_evacuation

70. Medevac

- *UCKP definition*: Abbreviation for **Medical Evacuation** (of casualties by air).
- *WordNet definition/s*:
 - (a) (medical evacuation, medivac) the evacuation of persons (usually by air transportation) to a place where they can receive medical care.
- *Decision*: Use WN definition
- *Hypernym*: Evacuation (n-00055641)
- *ID*: n-00055858

71. Media

- *UCKP definition*: Press and electronic **news reporting agencies** .
- *WordNet definition/s*: Not represented in WN. Representation of medium
- *Decision*: Add new synset
- *Hypernym*: Organisation (n-08024893)
- *ID*: ex1_ss_media

72. Media Liaison Officer

- *Acronym:* MLO
- *UCKP definition:* **Representative** who has responsibility for liaising with the media on behalf of his/her organisation.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Representative (n-10541628)
- *ID:* ex1_ss_media_liaison_officer

73. Media Liaison Point

- *Acronym:* MLP
- *UCKP definition:* **Area** adjacent to the **scene**, staffed by **Media Liaison Officers**, for the reception and accreditation of media personnel and for briefing on reporting, filming and photographing.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Point (n-08637636)
- *ID:* ex1_ss_media_liaison_point

74. Media Protocol

- *UCKP definition:* **Protocol** to oversee the flow of public information, respond to media queries, handle requests for media interviews, brief the media, and establish a **Media Centre**.
- *WordNet definition/s:* Not defined
- *Decision:* Add synset
- *Hypernym:* Protocol (n-05676759)
- *ID:* ex1_ss_media_protocol

75. Medium-scale evacuation

- *UCKP definition:* **Evacuation** of between 1,000 to 25,000 people from a place of danger to a place of relative safety.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Evacuation (n-00055641)
- *ID:* ex1_ss_medium_scale_evacuation

76. Mutual aid

- *UCKP definition:* An agreement between **Category 1 and 2 responders** and other organisations not covered by **the Act**, within the same sector or across sectors and across boundaries, to provide assistance with additional resource during an emergency.
- *WordNet definition/s:*
 - (a) (arrangements made between nations to assist each other)
- *Decision:* WN's definition is too general, affecting nations instead of organisations. Add new sense
- *Hypernym:* Logistic support (n-01219005)
- *ID:* ex1_ss_mutual_aid

77. National Resilience Extranet

- *Acronym:* NRE
- *UCKP definition:* Secure web based infrastructure to enable multi-agency information sharing and which has a specific information function during emergency response and recovery.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Web (n-08451269)
- *ID:* ex1_ss_national_resilience_extranet

78. NHS 24

- *UCKP definition:* Scottish equivalent of **NHS direct**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add as synonym of NHS direct
- *Hypernym:* ex1_ss_helpline
- *ID:* ex1_ss_nhs24

79. NHS direct

- *UCKP definition:* National health service 24-hour helpline providing advice and information relating to health in England and Wales (as NHS Direct Wales).
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* ex1_ss_helpline
- *ID:* ex1_ss_nhs_direct

80. Non Governmental Organisation

- *Acronym:* NGO

- *UCKP definition:* Private **organisation** dedicated to pro-social activities such as the relief of suffering and poverty, protection of the environment and community development.
- *WordNet definition/s:*
 - (a) (an organization that is not part of the local or state or federal government)
- *Decision:* WN's definition does not contain the UKCP's one. Add new sense
- *Hypernym:* Organisation (n-08024893)
- *ID:* ex1_ss_non_governmental_organisation

81. Operational

- *UCKP definition:*
 - (a) General definition - relating to an **emergency service's** actions undertaken in response to an incident.
 - (b) Specific definition - the **level** (below **tactical** level) at which the management of 'hands-on' work is undertaken at the **incident site(s)** or associated areas, equating for single agencies to **Bronze** level.
- *WordNet definition/s:*
 - (a) (pertaining to a process or series of actions for achieving a result)
 - (b) (fit or ready for use or service)
 - (c) ((military) of or intended for or involved in military operations)
 - (d) (being in effect or operation)
- *Decision:* Add as synonym of *ex1_ss_bronze*
- *Hypernym:* Command and Control Level (ex1_ss_command_and_control_level)
- *ID:*

82. Outer cordon

- *UCKP definition:* **Cordon** established around the vicinity of an **incident**, and encompassing the **inner cordon**, to control access to a wider area around the scene, to allow the **emergency services** and other **agencies** to work unhindered and in privacy.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Cordon (n-08393679)
- *ID:* ex1_ss_outer_cordon

83. Primary Care Trust

- *Acronym:* PCT

- *UCKP definition:* Local **organisation** within the National Health service responsible for the first point of consultation for all patients seeking healthcare.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Organisation (n-08024893)
- *ID:* ex1_ss_primary_care_trust

84. Public Information Point

- *Acronym:* PIP
- *UCKP definition:* **Location** providing access to information for members of the public during an **emergency**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Point (n-08637636)
- *ID:* ex1_ss_public_information_point

85. Receiving hospital

- *UCKP definition:* One of the designated receiving **hospitals** identified by the strategic health authority and selected by the ambulance service to receive casualties during an **emergency**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Hospital (n-03545775)
- *ID:* ex1_ss_receiving_hospital

86. Rendezvous point

- *Acronym:* RvP
- *UCKP definition:* **Point** to which all resources arriving at the **outer cordon** are directed for logging, briefing, equipment issue and deployment.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Point (n-08637636)
- *ID:* ex1_ss_rendezvous_point

87. Responder

- *UCKP definition:* **Organisation** required to plan and prepare a response to an **emergency**

- *WordNet definition/s:*
 - (a) (respondent, answerer) someone who responds.
- *Decision:* Add this new synset
- *Hypernym:* Organisation (n-08024893)
- *ID:* ex1_ss_responder

88. Response

- *UCKP definition:* Decisions and actions taken in accordance with the **strategic, tactical and operational** objectives defined by **emergency responders**. At a high level these will be to protect life, contain and mitigate the impacts of the emergency and create the conditions for a return to normality.
- *WordNet definition/s:*
 - (a) a result.
 - (b) (reaction) a bodily process occurring due to the effect of some antecedent stimulus or agent.
 - (c) (answer, reply) a statement (either spoken or written) that is made to reply to a question or request or criticism or accusation.
 - (d) (reception) the manner in which something is greeted.
 - (e) a phrase recited or sung by the congregation following a versicle by the priest or minister.
 - (f) (reply) the speech act of continuing a conversational exchange.
 - (g) the manner in which an electrical or mechanical device responds to an input signal or a range of input signals.
- *Decision:* Given that there is not any sense which covers the UKCP definition, we need to add a new synset.
- *Hypernyms:* Decision (n-05846685) and Action (n-00038116)
- *ID:* ex1_ss_response

89. Scene

- *UCKP definition:* Point or area of the immediate **impact** of an **incident** or **emergency**.
- *WordNet definition/s:*
 - (a) (the place where some action occurs)
 - (b) (an incident (real or imaginary))
 - (c) (the visual percept of a region)
 - (d) (a consecutive series of pictures that constitutes a unit of action in a film)
 - (e) (a situation treated as an observable object)
 - (f) (a subdivision of an act of a play)

- (g) (a display of bad temper)
- (h) (graphic art consisting of the graphic or photographic representation of a visual percept)
- (i) (the context and environment in which something is set)
- (j) (the painted structures of a stage set that are intended to suggest a particular locale)
- *Decision*: The first sense represent the UKCP definition.
- *Hypernym*: Area, country (n-08514304)
- *ID*: n-08663538

90. Scene Access Control Point

- *Acronym*: SACP
- *UCKP definition*: Controlled **point** through which essential personnel may gain access through the **inner cordon**.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Point (n-08637636)
- *ID*: ex1_ss_scene_access_control_point

91. Serious emergency

- *UCKP definition*: Second highest level of **emergency** (Level 2), requiring central government direction. See also **catastrophic emergency** (Level 3); **significant emergency** (Level 1)
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this lexical entry as a synonym of **level 2 emergency**.
- *Hypernym*: Level of emergency (ex1_ss_level_of_emergency)
- *ID*: ex1_ss_serious_emergency

92. Significant emergency

- *UCKP definition*: Lowest level of **emergency** (Level 1), requiring central government support though a nominate **lead government department**. See also **catastrophic emergency** (Level 3); **serious emergency** (Level 2).
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add this new lexical entry as a synonym of **level 1 emergency**
- *Hypernym*: Level of emergency (ex1_ss_level_of_emergency)
- *ID*: ex1_ss_significant_emergency

93. Silver

- *UCKP definition:* The tactical tier of **command** and **control** within a single agency (below **Gold** level and above **Bronze** level) at which the response to an emergency is managed.
- *WordNet definition/s:*
 - (a) a soft white precious univalent metallic element having the highest electrical and thermal conductivity of any metal; occurs in argentite and in free form; used in coins and jewellery and tableware and photography)
 - (b) (coins made of silver)
 - (c) (a light shade of grey)
 - (d) (silverware eating utensils)
 - (e) (a trophy made of silver (or having the appearance of silver) that is usually awarded for winning second place in a competition)
- *Decision:* Add new synset. Synonym of *tactical*
- *Hypernym:* Command and Control Level (ex1_ss_command_and_control_level)
- *ID:* ex1_ss_silver

94. Small scale evacuation

- *UCKP definition:* **Evacuation** of up to 1,000 people from a place of danger to a place of relative safety.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Evacuation (n-00055641)
- *ID:* ex1_ss_small_scale_evacuation

95. Spontaneous incident

- *Acronym:* SOP
- *UCKP definition:* **Incident** in relation to which the police have not had prior warning or notification to develop strategies, tactics and contingency plans (in contrast to **pre-planned incident**).
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add this new synset
- *Hypernym:* Incident (ex1_ss_incident)
- *ID:* ex1_ss_spontaneous_incident

96. Strategic

- *UCKP definition:* The level (above **tactical** level and **operational** level) at which policy, strategy and the overall response framework are established and managed.

- *WordNet definition/s*:
 - (a) (relating to or concerned with strategy)
 - (b) (highly important to or an integral part of a strategy or plan of action especially in war)
- *Decision*: Add as synonym of *ex1_ss_gold*
- *Hypernym*: Command and Control Level (*ex1_ss_command_and_control_level*)
- *ID*:

97. Tactical

- *UCKP definition*: **Level** (below **strategic** level and above operational level) at which the response to an **emergency** is managed.
- *WordNet definition/s*:
 - (a) (of or pertaining to tactic or tactics)
- *Decision*: Add as synonym of *ex1_ss_silver*
- *Hypernym*: Command and Control Level (*ex1_ss_command_and_control_level*)
- *ID*:

98. Traffic cordon

- *UCKP definition*: Supplementary **cordon** around the **outer cordon** to control internal traffic access for **emergency** and other vehicles.
- *WordNet definition/s*: Not defined in WN
- *Decision*: Add new synset
- *Hypernym*: Cordon (n-08393679)
- *ID*: *ex1_traffic_cordon*

99. Upstream

- *UCKP definition*: That **portion of the river** which is closer to the river's source than the reference point.
- *WordNet definition/s*:
 - (a) (adj) in the direction against a stream's current.
 - (b) (adv) (upriver) toward the source or against the current.
- *Decision*: It is necessary to add this term as a noun, which refers to the portion of the river.
- *Hypernym*: River (n-09411430) **River is a meronymy, not an hypernym**
- *ID*: *ex1_ss_upstream*

100. Warm Zone

- *UCKP definition:* In this **zone** some cross contamination for the **Hot Zone** is to be expected. The level of **PPE** will need to be determined on the basis of **dynamic risk assessment**.
- *WordNet definition/s:* Not defined in WN
- *Decision:* Add new synset
- *Hypernym:* Zone (n-08705985)
- *ID:* ex1_ss_warm_zone