



Australian Government

**Attachment B
to CAP-AU-STD**



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TO
CAP-AU-STD**

**AUSTRALIAN ALL-HAZARDS
EVENT CODE LIST
(AUeventLIST)**

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PREFACE

Developers

The AUeventLIST is being managed in collaboration with the Australian CAP Stakeholders Group (CAP SG) represented by the following bodies:

Agencies	Participant Organisations
Commonwealth	Emergency Management Australia (EMA)
Commonwealth	Bureau of Meteorology (BOM)
Commonwealth	Geoscience Australia (GA)
Commonwealth	Department of Agriculture, Fisheries and Forestry (DAFF)
Commonwealth	Department of Health and Ageing (DOHA)
Jurisdictions	Participant Organisations
Australian Capital Territory	Emergency Services Agency (ESA) Fire Brigade
New South Wales	Fire and Rescue Rural Fire Services (RFS)
Northern Territory	Police, Fire and Emergency Services (PFES)
Queensland	Department of Community Safety (DCS) - Emergency Management Queensland (EMQ) - Fire and Rescue Service (QFRS) Police Service (QPS)
South Australia	Fire and Emergency Services Commission (SAFECOM) State Emergency Service (SES)
Tasmania	Police State Emergency Service (SES)
Victoria	Office of Emergency Services Commissioner (OESC) Department of Sustainability and Environment (DSE) Country Fire Authority (CFA)
Western Australia	Department of Fire and Emergency Services (DFES)
Non-Government Body	Participant Organisation
Industry Body	Australasian Fire & Emergency Service Authorities Council (AFAC)

Content within this document was also derived from contributions provided by the CAP - Canadian Profile Working Group administering the CAP - Canadian Profile; and CAPAN (Canadian Association for Public Alerting and Notification).

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Record of Amendments

Version	Date	Amendment(s)	Author(s)
2.0	24 May 2012	Approved by CAP Change Advisory Board	Attorney-General's Dept
1.0	28 Feb 2012	Released for Committee Approval	Attorney-General's Dept

Amendment Policy

This AUeventLIST document is a living document that will be reviewed periodically by the Australian CAP Stakeholders Group. New versions will only be published when the Change Advisory Board decide that sufficient changes warrant revision action.

The Australian CAP Stakeholders Group invites suggestions for improvements and notification of inaccuracies or ambiguities to be forwarded to the CAP-AU CUSTODIAN at the Attorney-General's Department address listed below.

CAP-AU CUSTODIAN
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BARTON ACT Australia 2600
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Important Notice

Before using this publication, please check the following sources to ensure that this edition is the most recent and updated version of the publication:

- Primary reference source: <https://govshare.gov.au/xmlui/handle/10772/6380>
- Additional reference source: <http://www.em.gov.au/CapAuStd>

The primary reference source shall always take precedence.

1. AUSTRALIAN ALL-HAZARDS EVENT CODES

The event code list in Table 1 reflects the all-hazards event codes that are commonly understood by the Australian community for application within the Australian Environment. Interpretation of Tier I and Tier II event codes should always be consistent with the meanings and definitions expressed in the Australian Emergency Manual Series. This AUeventLIST is currently used in conjunction with the following references:

- Australian Government standard for the Common Alerting Protocol – Australia Profile (CAP-AU-STD).

The following information provides guidance on how to interpret the table of event codes below:

- **Tier I / Tier II columns:** Event codes designated in the Tier I column relate to a general descriptive code that are better suited to events which do not have a more specific Tier II selection. The Tier II column provides more detailed codes that could be used in lieu of the Tier I code. Originators are encouraged to use Tier II selections where applicable. A CAP-AU-STD message will include only one event code that is extracted from either the Tier I or Tier II column.
- **Event Code column:** details the machine-readable format of the event code that will be applied in the software program, depending on which code is selected from the Tier I or Tier II columns by the operator who is constructing an alert message. Codes from this column should not be used in an alert message.
- **CAP Category Value column:** is the general designator that the event code is primarily categorised under. The master category list is constrained to the Category elements listed in the OASIS CAPv1.2 standard (p 17 of 47). Tier I and Tier II events may be associated with one or more CAP categories. The Category element allows consumer systems to decide what messages get passed through their system. An auto-filtering mechanism can be implemented by consumer systems to receive CAP messages related to specific categories. The 'Other' category should be passed through by all systems.
- **Authority To Modify column:** identifies the Australian authority who has agreed to maintain responsibility to decide what event codes within their specific category will be included in the CAP-AU-STD. The nominated authorities and their contact details are listed in Table 2.
- **Character limit.** The 12 character limitation for event codes has been implemented to improve readability of printed messages to human readers.

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
	(Can include associated Tier II events)	(Can be included in Tier I event associated with it)	(4 to 12 characters, lower camel-hump style)		
1	Administration		admin	Other	12
2	Air Quality		airQuality	Health	5
3	Animal Health		animalHealth	Env	2
4	"	Animal Disease	animalDiseas	Env	2
5	"	Animal Feed	animalFeed	Env	2
6	"	Animal Pest	animalPest	Env	2
7	"	Aquatic Animal Disease	aqAnimalDis	Env	2
8	"	Aquatic Animal Pest	aqAnimalPest	Env	2
9	"	Animal Welfare	animalWelfar	Env	2
10	"	Marine Disease	marineDiseas	Env	2

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
11	Animal Health	Marine Pest	marinePest	Env	2
12	"	Animal Quarantine	aQuarantine	Env	2
13	"	Sheep Grazier Warning	sheepWarning	Met	7
14	Animals	Animal Attack	animalAttack	Other	12
15	"	Dangerous Animal	animalDanger	Other	12
16	"	Plague	plague	Env	2
17	Aviation		aviation	Transport	11
18	"	Aircraft Crash	aircraftCrsh	Transport	11
19	"	Aircraft Incident	aircraft	Transport	11
20	"	Airport Closure	airportClos	Transport	11
21	"	Airspace Closure	airspaceClos	Transport	11
22	"	Airport Lightning Threat	avLightning	Met	7
23	"	Airport Thunder Threat	avThunder	Met	7
24	"	Aviation Security	aviationSec	Transport	11
25	"	Falling Object	fallObject	Transport	11
26	"	Notice To Airmen	notam	Transport	11
27	"	Satellite / Space Re-entry Debris	spaceDebris	Transport	11
28	Civil		civil	Security	10
29	"	Building Collapse	bldgCollapse	Infra	6
30	"	Civil Emergency	civilEmerg	Security	10
31	"	Demonstration	demonstratin	Security	10
32	"	Public Event	civilEvent	Security	10
33	"	Volunteer Request	volunteer	Other	12
34	Criminal Activity		crime	Security	10
35	"	Cyber Crime	cyberCrime	Security	10
36	"	Dangerous Person	dangerPerson	Security	10
37	"	Terrorism	terrorism	Security	10
38	Fire		fire	Fire	3
39	"	Bushfire	bushFire	Fire	3
40	"	Fire Ban	fireBan	Fire	3
41	"	Fire Danger Level	fireDangrLvl	Fire	3
42	"	Forest Fire	forestFire	Fire	3
43	"	Fire Weather	fireWeather	Fire, Met	3,7
44	"	Grass Fire	grassFire	Fire	3
45	"	Industrial Fire	industryFire	Fire	3
46	"	Smoke Alert	smoke	Fire	3

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
47	Fire	Structure Fire	structurFire	Fire	3
48	"	Total Fire Ban	totalFireBan	Fire	3
49	Flood		flood	Met	7
50	"	Dam Failure	damFailure	Infra	6
51	"	Flash Flood	flashFlood	Met	7
52	"	High Water Level	highWater	Met	7
53	"	King Tide	kingTide	Met	7
54	"	Levee Failure	leveeFailure	Infra	7
55	"	Storm Surge	stormSurge	Met	7
56	"	Riverine Flood	riverineflod	Met	7
57	Geological		geologicalHaz	Geo	4
58	"	Avalanche	avalanche	Geo	4
59	"	Earthquake	earthquake	Geo	4
60	"	Karst Hazard	karst	Geo	4
61	"	Lahar	lahar	Geo	4
62	"	Landslide	landslide	Geo	4
63	"	Lava Flow	lavaFlow	Geo	4
64	"	Magnetic Storm	magnetcStorm	Geo	4
65	"	Meteorite	meteor	Geo	4
66	"	Pyroclastic Flow	pyroclasFlow	Geo	4
67	"	Pyroclastic Surge	pyroclaSurge	Geo	4
68	"	Tsunami	tsunami	Geo	4
69	"	Volcanic Ash Cloud	volcanicAsh	Geo	4
70	"	Volcano	volcano	Geo	4
71	Hazardous Materials		hazmat	CBRNE	1
72	"	Asbestos	asbestos	Health	5
73	"	Biological Hazard	biological	CBRNE	1
74	"	Chemical Hazard	chemical	CBRNE	1
75	"	Explosive Hazard	explosive	CBRNE	1
76	"	Major Pollution	pollution	Health	5
77	"	Radiological Hazard	radiological	CBRNE	1
78	"	Toxic Plume	toxicPlume	CBRNE	1
79	Health		health	Health	5
80	"	Ambulance	ambulance	Health	5
81	"	Blood Supply	bloodSupply	Health	5
82	"	Communicable Disease	communicable	Health	5

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
83	Health	Drinking Water	drinkingWate	Health	5
84	"	Drug Safety	drugSafety	Health	5
85	"	Drug Supply	drugSupply	Health	5
86	"	Food Safety	foodSafety	Health	5
87	"	Food Supply	foodSupply	Health	5
88	"	Hospital	hospital	Health	5
89	"	Human Quarantine	hQuarantine	Health	5
90	"	Zoonotic Disease	zoonoticDis	Health, Env	5, 7
91	Marine		marine	Met	7
92	"	Freezing Spray	freezngSpray	Met	7
93	"	Gale Wind	galeWind	Met	7
94	"	Hurricane Force Wind	hurricFrcWnd	Met	7
95	"	Iceberg	iceberg	Met	7
96	"	Large Coastal Surf	largeSurf	Met	7
97	"	Large Swell Waves	largeSwell	Met	7
98	"	Maritime / Marine Security	maritimeSec	Transport	11
99	"	Nautical Incident	nautical	Transport	11
100	"	Oil Spill	oilSpill	Transport	11
101	"	Squall	squall	Met	7
102	"	Storm Force Wind	stormFrcWind	Met	7
103	"	Strong Wind	strongWind	Met	7
104	"	Waterspout	waterspout	Met	7
105	Missing Person		missingPer	Security	10
106	"	Missing Vulnerable Person	missingVPer	Security	10
107	Other Non-Urgent Alerts		other	Other	12
108	Other Urgent Alerts		otherUrgent	Other	12
109	Plant Health		plant	Env	2
110	"	Plant Disease	plantDisease	Env	2
111	"	Plant Pest	plantPest	Env	2
112	"	Plant Quarantine	pQuarantine	Env	2
113	Preparedness Reminders	Emergency Preparedness Reminder	reminder	Other	12
114	Product Safety		product	Safety	9

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
115	Public Services		publicServic	Infra	6
116	"	Facility Closure	facilityClos	Infra	6
117	"	Facility Lockdown	facilityLock	Infra	6
118	"	Service or Facility	facility	Infra	6
119	"	Transit	transit	Transport	6
120	Railway		railway	Transport	11
121	"	Railway Incident	railIncident	Transport	11
122	"	Train / Rail Crash	railCrash	Transport	11
123	Rescue		rescue	Rescue	8
124	"	Distress Beacon	distressBcon	Rescue	8
125	Roadway		road	Transport	11
126	"	Bridge Closure	bridgClose	Transport	11
127	"	Bridge Collapse	bridgCollaps	Transport	11
128	"	Hazardous Road Conditions	roadHazard	Transport	11
129	"	Motor Vehicle Accident	roadCrash	Transport	11
130	"	Roadway Closure	roadClose	Transport	11
131	"	Roadway Delay	roadDelay	Transport	11
132	"	Roadway Incident	roadIncident	Transport	11
133	"	Roadway Usage Condition	roadUsage	Transport	11
134	"	Traffic Report	traffic	Transport	11
135	Search		search	Rescue	8
136	"	Over Water Search	waterSearch	Rescue	8
137	"	Over Land Search	landSearch	Rescue	8
138	"	Air Search	airSearch	Rescue	8
139	Storm		storm	Met	7
140	"	Blizzard	blizzard	Met	7
141	"	Dust Storm	dustStorm	Met	7
142	"	Hail	hail	Met	7
143	"	Rainfall	rainfall	Met	7
144	"	Snowfall	snowfall	Met	7
145	"	Thunderstorm	thunderstorm	Met	7
146	"	Tornado	tornado	Met	7
147	"	Tropical Cyclone	tropCyclone	Met	7
148	"	Weather	weather	Met	7

Srl #	TIER I EVENTS	TIER II EVENTS	EVENT CODE	CAP CATEGORY VALUE	AUTHORITY TO MODIFY
149	Temperature		temperature	Met	7
150	"	Extreme Heat	extremeHeat	Met	7
151	"	Exposure	exposure	Met	7
152	"	Frost	frost	Met	7
153	"	Wind Chill	windChill	Met	7
154	Test Message		testMessage	Other	12
155	Utility		utility	Infra	6
156	"	Cable Service	cable	Infra	6
157	"	Communications Service	comunication	Infra	6
158	"	Diesel Supply	diesel	Infra	6
159	"	Electricity Supply	electric	Infra	6
160	"	Heating Oil Supply	heatingOil	Infra	6
161	"	Internet Service	internet	Infra	6
162	"	Landline Service	landlines	Infra	6
163	"	Mobile Service	mobiles	Infra	6
164	"	Natural Gas Supply	naturalGas	Infra	6
165	"	Petrol Supply	petrol	Infra	6
166	"	Pipeline Rupture	pipeRupture	Infra	6
167	"	Satellite Service	satellite	Infra	6
168	"	Sewer System	sewer	Infra	6
169	"	Telephone Service	telephone	Infra	6
170	"	Triple Zero	tripleZero	Infra	6
171	"	Waste Management	waste	Infra	6
172	"	Water Supply	water	Infra	6
173	Wind		wind	Met	7
174	"	Wind Change	windChange	Met	7
175	Water quality		water	Other	12
176	"	Blue Green Algae	blueGrnAlgae	Other	12

2. Authorities responsible for AUEventLIST values

The Australian authorities who have agreed to be responsible to decide what event codes will be included in the CAP-AU-STD are listed below against each relevant CAP Category. Contact with these Authorities is to be facilitated via email: CAPAU.Custodian@ag.gov.au

Table 2: Australian Authority for CAP-AU-STD Event Code Categories

#	CAP Category	CAP-AU-STD Authority
1	CBRNE	CBRN Security Sub-Committee (CBRNSSC) – currently managed by the Australian Federal Police Contact: Secretariat CBRNSSC through CAP-AU Custodian Canberra, ACT
2	Env	Environmental, Animal, Plant events Department of Agriculture, Fisheries and Forestry (DAFF) Contact: Corporate Communication Branch Canberra, ACT
3	Fire	Australasian Fire and Emergency Services Authorities Council (AFAC) Contact: Response and Coordination Operational Services Melbourne, VIC
4	Geo	Geological and Geophysical events Geoscience Australia (GA) Canberra, ACT

#	CAP Category	CAP-AU-STD Authority
5	Health	<p>Medical and Public Health events: Department of Health and Ageing (DoHA) Contact: Assistant Secretary, Health Emergency Management Branch Canberra, ACT</p> <p>Animal and Plant Health events: Department of Agriculture, Fisheries and Forestry (DAFF) Contact: Corporate Communication Branch Canberra, ACT</p>
6	Infra	<p>Utility, telecommunication, other non-transport Infrastructure events: Attorney-General's Department Contact: CAP-AU CUSTODIAN Canberra, ACT</p>
7	Met	<p>Meteorological events: Bureau of Meteorology (BOM) Contact: Manager Tropical Cyclone and Severe Weather Warning Services Weather & Ocean Services Branch</p>
8	Rescue	<p>Rescue and recovery service events: Australasian Fire and Emergency Services Authorities Council (AFAC) Contact: Response and Coordination Operational Services Melbourne, VIC</p>

#	CAP Category	CAP-AU-STD Authority
9	Safety	<p>General emergency and public safety events:</p> <p>Attorney-General's Department Contact: CAP-AU CUSTODIAN Canberra, ACT</p>
10	Security	<p>Public Security, Civil Emergency and Criminal Activity events:</p> <p>Contact: Secretariat Deputy Commissioners - Operational Management Meeting (DC-OMM) through CAP-AU Custodian Canberra, ACT</p>
11	Transport	<p>Aviation and Marine events:</p> <p>Office of Transport Security at Department of Infrastructure & Transport Transport Security Coordination Centre (TSCC) Canberra, ACT</p> <p>Road and Rail events: No single Australia-wide authority available. Consult relevant State-based authority.</p>
12	Other	<p>Default option when there is no Australia-wide authority available:</p> <p>Attorney-General's Department Contact: CAP-AU CUSTODIAN Canberra, ACT</p>