



**BUNBURY EMERGENCY MANAGEMENT ARRANGEMENTS**

**ANNEX 4**  
**THREAT PLANS**

**9 July, 2014**



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## AMENDMENTS

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AMENDMENT		DETAILS OF AMENDMENT	AMENDED BY INITIALS/DATE
NO	DATE		
1	9 July, 2014	Update for currency	CW/EH
2	21 January, 2015	Inclusion of Bomb/Personal Threat Plan	CW/EH
3	21 October, 2015	Update triggers – consistent with BC Plan	CW

# THREAT PLANS

## RURAL FIRES

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**REFERENCES:** City of Bunbury Bush Fire Response Plan  
WestPlan - FIRE(2013)

### INTRODUCTION

1. Rural fires are a regularly occurring threat. Inter-agency planning for this threat has led to the production of the reference documents. The procedures contained in this reference plan will be adopted and all participating organisations should make themselves familiar with it.
2. This Threat Plan details the control and co-ordination arrangements within the City of Bunbury, in support of the Fire and Rescue Response plan.

### THREAT EFFECTS

3. Rural fires produce all or some of the following effects:
  - a. Dead and injured persons,
  - b. Destruction of homes and pastures/forest/plantation resources,
  - c. Traffic disruption and health issues (smoke),
  - d. Evacuation (fire and smoke threat),
  - e. Disruption to power/communications services.

### RESPONSE ARRANGEMENTS

4. There will be three levels of warning for bush fire danger:
  - a. **Blue Alert** - for days of fire danger index of Very High Fire Danger Index, or where a fire has started but not yet likely to threaten life or property in the City of Bunbury (A bush fire 'Advice' has been issued), and/or a 'Total Fire Ban' has been declared for Bunbury.
  - b. **Yellow Alert** – for days of 'Severe or Extreme' Fire Danger Index and/or whenever a bush fire 'Watch and Act' warning is issued within the City of Bunbury.
  - c. **Red Alert** – for days of 'Catastrophic' bush Fire Danger Index or whenever an Emergency warning is issued within the City of Bunbury, or significant damage has already occurred to two or more homes, fatalities and/or significant injuries requiring prolonged hospitalisation.
5. Response arrangements for fires outside the gazetted fire district for the City of Bunbury, will be accordance with those identified within the City of Bunbury Bush Fire Response Plan.
6. The Local Emergency Coordinator is responsible for activating non-combat support for fire operations. This activation will be made on the advice of the nominated Controlling Agency (CA) – Incident Controller.
7. Fire control is normally managed from a mobile 'Operations Point' near the fire. Within the Gazetted Fire District (GFD), fire-fighting support, including the deployment of brigades from neighboring LGs, is acquired through the DFES – ComCen, at the request of the nominated CA – Incident Controller. Outside of the GFD, the CBFCO will organize support through the DFES Regional Duty Coordinator (RDC).
8. All other support arrangements are coordinated through the Control Point, or by a mobile Police Coordination Centre, located adjacent to the Fire Operations Point.

## **COMMAND & CONTROL STRUCTURE**

8. The following structure will apply to the incident:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	DFES-FRS (Gazetted Fire District)
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Fire fighting	BVBFS/DPAW/DFES-FRS
Building rescue	DFES-FRS/DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/SWHC (MMT)
Evacuation	WA Police /DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Salvation Army/Department for CPFS
Utilities restoration	Statutory Authorities

These threat plans are to be read in conjunction with the City of Bunbury Bush Fire Response Plan.

# SEVERE STORMS

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**REFERENCE:** WestPlan – CYCLONE (2007)  
WestPlan – STORM (2004)

## INTRODUCTION

1. The City of Bunbury is subject to the effects of severe storms, as a result of:
  - a. Cyclones passing down the coast (November - April).
  - b. Tornadoes (Summer & Winter).
  - c. Winter Gales.

## THREAT EFFECTS

2. Severe storms can produce some or all of the following effects:
  - a. Damage to buildings & fences,
  - b. Damage to trees,
  - c. Loss of electrical power and other infrastructure failure,
  - d. Fire (lightning strikes),
  - e. Death or injury (lightning strikes, falling trees or wind blown debris),
  - f. Flash flooding (storm water drain overload),
  - g. Near coastal inundation,
  - h. Traffic crashes (poor road conditions).

## RESPONSE ARRANGEMENTS

3. There will be three levels of warning for storms:
  - a. **Blue Alert** - for severe weather warnings where Gale warnings (34-47 knots), or advanced warnings at 24 hours<sup>+</sup>, or where rainfall is expected to exceed seasonal norms &/or where rivers are already high.
  - b. **Yellow Alert** - for severe weather warnings (BoM) with Storm Force Wind warnings (48-63 knots) with less than 24 hours warning time + potential flood warnings from BoM.
  - c. **Red Alert** - for severe weather warnings (wind velocity of 48 knots and above, significant rainfall with already saturated ground, full catchments, flood warnings etc) and/or imminent impact, or significant damage has occurred from wind or floodwater, requiring a significant response.

### **Strong Winds**

4. Strong winds result in responses which are usually infrequent and of a minor nature. Reports may be received directly to the City of Bunbury, from the public, from DFES ComCen, DFES SW RHQ (Regional Duty Coordinator), the local DFES-SES or Police Headquarters (CADCOM).

### **Gale Warnings**

5. The standard response to Gale Warnings includes the restricted staffing of the DFES-SES SW RHQ and SES Local Headquarters. The following local planning arrangements should be implemented:
  - i. Place COB Parks & Gardens, & Const. & Maintenance . staff on stand-by
  - ii. Restrict control burning (Local Government Responsibility [BF Act]),
  - iii. Check availability/maintenance of storm damage stores & equipment,
  - iv. Establish communications between the Bunbury ECC and the Local DFES-SES Local Emergency Operations Centre.

### **Severe Weather Warnings**

6. In the event of a **Severe Weather Warning** (including cyclone warnings) all SES Units in the Bunbury area, including the Regional Headquarters, will adopt full staffing procedures. In addition to the local arrangements detailed for gale warnings, the HMA should advise all

members of the LEMC and request that they place their organisation on the relevant alert status. Public information broadcasts should be considered after consultation with the DFES-SES.

7. Should a severe storm affect the City of Bunbury to the degree that services are badly disrupted and severe damage is sustained, the CA – Incident Controller, in consultation with the LEC &/or the ISG, will determine the priority allocation of resources until the event and it's consequences are under control.

### **COMMAND & CONTROL STRUCTURE**

8. The following structure will apply to the incident:

ROLE	AGENCY
Hazard Management Agency	DFES-SES
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Fire fighting Building rescue Traffic Casualties Evacuation Resources Welfare	BVBFB/DPAW/DFES-FRS DFES-FRS/DFES-SES WA Police St John Ambulance/SWHC WA Police /DFES-SES DFES-SES/City of Bunbury Department for CPFS
Utilities restoration	Statutory Authorities

### **INFORMATION FLOW**

9. **Requests for assistance are usually passed to DFES-SES from the following sources:**
  - a. Direct from the caller by telephone,
  - b. Via the DFES ComCen or DFES SW RHQ,
  - c. Via Bunbury ECC,
  - d. Direct observation by damage control teams,
  - e. Via the City of Bunbury switchboard or other emergency services.
10. **Utility damage reports are provided to the Bunbury ECC by the appropriate Government Department, or agency. It is the responsibility of the control authority to provide timely Situation Reports (SitReps) outlining the damage sustained to the City of Bunbury, along with any action in progress, to the DFES-SES SW RHQ Control Centre and to all members of the LEMC.**

# FLOODING

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<b>REFERENCE:</b>	WestPlan – CYCLONE (2015)	WestPlan – DAMBREAK (2004)
	WestPlan – STORM (2014)	WestPlan – TSUNAMI (2015)

## INTRODUCTION

1. The City of Bunbury is subject to the effects of flooding, as a result of:
  - a. Cyclones passing down the coast (November - April),
  - b. Excessive rainfall in catchments and locally,
  - c. Riverine flooding (maybe due to structural dam collapse),
  - d. Storm surges and
  - e. Tsunami.

## THREAT EFFECTS

2. Flooding can produce some or all of the following effects:
  - a. Damage to buildings & fences,
  - b. Traffic congestion and crashes through flooded roadways,
  - c. Loss of electrical power and other infrastructure failure,
  - d. Death or injury,
  - e. Flash flooding (storm water drain overload),
  - f. Near coastal inundation,
  - g. Community isolation.

## RESPONSE ARRANGEMENTS

3. There will be three levels of warning for flooding:
  - a. **Blue Alert** –
    - 1 - flood warning issued by BoM, for Geographe District and River levels are approaching winter-time maximum levels and flow rates, associated catchments are saturated,
    - 2 - a storm is approaching the coast close to high tide, or
    - 3 - there is failure of drainage systems/pump-sets and this failure will be for greater than 4 hours duration and during a period and/or
    - 4 - the forecast is for greater than 20-30 mm rainfall in any four hour period.
  - b. **Yellow Alert** –
    - 1 - Flood levels are rising beyond annual winter levels and more rain is forecast in the next 24 hours,
    - 2 - Storm surge of 1-2 metres is forecast within 1 hour of forecast high tide,
    - 3 - A warning is received of an agricultural dam failure on the Preston or Ferguson River catchments, or water flows within the Collie River are predicted to have the potential to raise the Leschenault Estuary greater than 1 metre,
    - 4 - a tsunami warning is issued by DFES/BoM or Geoscience Australia, or
    - 5 - pump-set failure that is anticipated to last for greater than 4 hours, during a period where 30 mm of rain (or greater) is forecast.
  - c. **Red Alert** –
    - 1 - Flooding/inundation is occurring in Bunbury affecting more than 10 or more homes buildings and this is likely to persist for more than 12 hours.
    - 2 - Warning has been received of significant dam break/cascading failure within the Preston or Ferguson River catchment,
    - 3 - A storm surge is predicted to impact Bunbury of greater than 2 metres and within 1 hour of high tide, or
    - 4 - Warnings have been received of the failure of the Wellington, Harvey or other WaterCorporation assets, which will lead to downstream flooding.

ROLE	AGENCY
Hazard Management Agency – Response Asset Owner State Dam Infrastructure	DFES Water Corp
Local Emergency Coordinator	OIC Bunbury Station – WA Police
<b>Combat or Support Agencies:</b> Emergency Water Pumping Building rescue Traffic Casualties Evacuation Resources Welfare	BVFBF/DPAW/DFES-FRS DFES-FRS/DFES-SES WA Police St John Ambulance/SWHC WA Police /DFES-SES DFES-SES/City of Bunbury Department for CPFS
Utilities restoration	Statutory Authorities



# EARTHQUAKES

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**REFERENCE:** West Plan – EARTHQUAKE (2011)

## 1. INTRODUCTION

- a. The City of Bunbury does not lie near any significant fault lines in the Southwest seismic zone. The risk of this threat eventuating is low. However, in view of the catastrophic consequences of these natural phenomena, the threat cannot be ignored.
- b. Should this threat eventuate, it would be a reasonable assumption that other parts of the Greater Bunbury area will sustain damage. This being the case, the City of Bunbury may be unable to rely on neighbouring communities for support in the first instance.
- c. The emphasis of earthquake response will be directed towards saving the maximum number of lives and providing medical and welfare services to the survivors, until organised relief operations arrive.

## 2. RESPONSE ARRANGMENTS

- a) **Blue Alert** – Not applicable for this hazard
- b) **Yellow Alert** – Reports of earthquake damaged received, but not verified.
- c) **Red Alert** – Reports of earthquake damage are received and verified to require significant CoB supporting the response to the community restoration.

## 3. THREAT EFFECTS

4. Earthquakes produce all or some of the following:
  - a. Dead and injured persons,
  - b. Trapped persons,
  - c. Extensive building damage,
  - d. Extensive disruption to services and facilities,
  - e. Fire,
  - f. Evacuation and displacement of persons,
  - g. Disruption to traffic due to roadway and bridge failure,
  - h. Landslides/slips.

## RESPONSE ARRANGEMENTS

5. Activation of the Bunbury Emergency Management Arrangements will be self-evident as the event occurs. Participating organisations should immediately staff their Headquarters and establish communications with the Earthquake Control Centre and Bunbury ECC. In the event that telecom/radio facilities are inoperative, communications with the Bunbury ECC must be established through the use of Liaison Officers.
6. During the initial stages, assessment of damage and urgent rescue/medical responses will be responsibility of the DFES-SES, DFES-FRS, USAR capabilities, supported by the City of Bunbury, Bush Fire Brigade and City of Bunbury employees. Thereafter, available rescue/medical resources will be allocated by the CA - Incident Controller, in consultation with the LEMC to particular areas of operation.

## **COMMAND & CONTROL STRUCTURE**

7. The following structure will apply to the incident:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	DFES-SES
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Fire fighting	BVBFB/DPAW/DFES-FRS
Building rescue	DFES-FRS/DFES-SES
Traffic	WA Police
Casualties	St John Ambulance/ SWHC (MMT)
Evacuation	WA Police /DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS
Utilities restoration	Statutory Authorities

8. This structure is designed to meet the immediate needs within the City of Bunbury. District, State and National Plans will be responsible for the acquisition, deployment and logistical support of external resources to the affected area. It is envisaged that due to the likely consequences of such an event that Recovery Operations will be coordinated at State Level, with input from the Bunbury LEMC/Recovery Coordinator.

# BUILDING FIRE & EXPLOSION

## (within City of Bunbury Facilities)

**REFERENCE:** WestPlan –FIRE (2013)

### INTRODUCTION

1. Response to this occurrence is a routine procedure for the primary emergency services. This Threat Plan details the arrangements for an incident beyond the normal day to day response (Level II and above).
2. With the increase in development of the Bunbury Central Business District, major suburban shopping centres and industrial areas, the risks greatly increase for a major fire, explosion and/or industrial emergency.

### RESPONSE ARRANGEMENTS – for Fires and Explosions within City Buildings

3. There will be three levels of warning for City of Bunbury Building fires and/or explosions:
  - a. **Blue Alert** – Facility will be out of use for the duration of the response to the incident.
  - b. **Yellow Alert** – The facility will be out of action for up to a week and/or a serious injury (prolonged hospitalization) or a fatality occurs.
  - c. **Red Alert** – The facility will be out of action for more than a week and/or multiple serious injuries/fatalities occurs.

### THREAT EFFECTS

4. This threat can produce all or some of the following:
  - a. Dead and injured persons,
  - b. Trapped persons,
  - c. Destruction/damage of buildings,
  - d. The need for Evacuation &/or relocation of persons,
  - e. Damage to environmental and/or heritage values.

### RESPONSE ARRANGEMENTS

5. Response to this threat is normally activated through the “000” emergency system. In view of the urgency of response, activation of this Threat Plan will be in two phases. Phase 1. - will be the deployment of Police, Fire Brigade and Ambulance elements to the scene. Phase 2. - will be the activation of the Bunbury ECC and support organisations to provide the necessary coordination to support the response.

## **COMMAND & CONTROL STRUCTURE**

6. The following structure will apply to the incident:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	DFES-FRS
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Fire fighting	BVBFB/DFES-FRS
Building rescue	DFES-FRS/DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC (MMT)
Evacuation	WA Police /DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS
Pollution	Department of Environmental Regulation
Utilities restoration	Statutory Authorities

# **TRANSPORT INCIDENT**

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## **(ROAD, RAIL, AIR & RIVER)**

**REFERENCE:** WA Police DFES-FRS & Ambulance SOPs  
Westnet Rail- Emergency Procedures Manual  
Bunbury Airport Emergency Management Plan  
WestPlan – AIR CRASH (2014)  
WestPlan – ROAD CRASH (2013)

### **INTRODUCTION**

1. Transport incidents are the most common form of emergency response. The South West Highways and several other major road systems, converge and travel through the City of Bunbury. There is one restricted size airport which minimizes risk of air transport incidents.

### **ROAD CRASHES**

2. Road crashes are normally handled under the standing operating procedures of the Police, Fire Brigades and Ambulance. Where an extensive road accident occurs, beyond this normal response, the Police may activate portions of this Threat Plan, in support.

### **RAIL INCIDENTS**

3. Rail incidents are complex operations. In addition to the standard response by Police, Fire and Ambulance, the Westnet Railway system and Australian Railroad group will be heavily involved. Furthermore, it is conceivable that the rail accident may include or cause the collapse of one of the many bridges across the line. The operation could be further complicated by access congestion and electrical hazards.
4. This Threat Plan must be read in conjunction with Westnet's Emergency Procedures Plan. The local organisation may be activated, to provide resource support to this Plan.

### **AIR INCIDENTS**

5. The impact of an air disaster on an urban community is an increasing threat to the population. Such operations are extremely complex and could involve local, state, federal and international representation. The major response to air emergencies rests with Police Emergency Coordinator

### **MINOR MARINE INCIDENTS**

6. Minor marine accidents are normally responded to by the Police in conjunction with the Department of Planning & Infrastructure. Ferry or small boat incidents are handled under procedures prepared by these authorities.

### **SUMMARY**

7. To summarise, this Threat Plan will deal with road emergencies and low level rail, air and river emergencies. Large scale emergencies will require the activation of the local organisation to provide information and resource support only.

## **COMMAND & CONTROL STRUCTURE**

8. The structure for major road accidents is as follows:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Fire fighting Traffic/crowd control Casualties Evacuation Resources Welfare	BVBFB/DPAW/DFES-FRS WA Police St John Ambulance/ SWHC WA Police /DFES-SES DFES-SES/City of Bunbury Department for CPFS
Utilities restoration	Statutory Authorities

9. The structure to provide support to other Plans for major rail, air and river emergencies is as follows:

- |   |   |
|---|---|
| a. <b>Region/State Control Structure-</b> | District/State Plans.                   |
| b. <b>Local Resource Co-ordination-</b>   | Local Emergency Coordinator/ LEMC (ISG) |
| c. <b>Resource Commanders-</b>            | LEMC (ISG) Representatives              |
| d. <b>Welfare-</b>                        | DCPFS                                   |

## **WHERE A TRANSPORT INCIDENT OCCURS WITH A CITY OF BUNBURY VEHICLE OR PLANT**

10. There will be three levels of warning:
- Blue Alert** – Crash of City vehicle resulting in a ‘lost time injury’ of drivers and/or passenger, or alarm raised by GPS tracker for airbag deployment, or roll-over.
  - Yellow Alert** – Crash of City vehicle resulting in serious injury or fatality.
  - Red Alert** – Loss of critical plant for greater than 1 month’s duration.

# HAZARDOUS MATERIAL INCIDENT

**REFERENCE:** WestPlan – HAZARDOUS MATERIALS EMERGENCIES (2010)

## **INTRODUCTION**

1. The storage and transportation of hazardous materials presents a potentially significant threat to the community. Furthermore, these operations require a highly specialised response and often create environmental pollution consequences.

## **THREAT EFFECTS**

2. Should this threat eventuate some or all of the following may be encountered:
  - a. Dead and injured persons,
  - b. Fire and/or explosion,
  - c. Release of toxic solids, liquids or gases,
  - d. Pollution of water supplies, streams and lakes,
  - e. Evacuation and or relocation of persons,
  - f. Prolonged disruption to transport services.

## **RESPONSE ARRANGEMENTS**

3. Response to this threat is normally activated through the “000” emergency system. In view of the urgency of response, activation of this Threat Plan will be in two phases. Phase 1. - will be the deployment of Fire Brigade, Police and Ambulance elements to the scene. Phase 2. - will be the activation of the Bunbury ECC and support organisations to provide the necessary coordination to support the response.

## **COMMAND & CONTROL STRUCTURE**

4. The following structure will apply to the incident:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	DFES
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies</b>	
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC (MMT)
Evacuation	WA Police /DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS
Utilities restoration	Statutory Authorities

# SEARCH & RESCUE (SAR) – LAND

**REFERENCE:** WestPlan – LAND SEARCH AND RESCUE (2013)  
 Australian Emergency Manual - "LAND SEARCH OPERATIONS"

**INTRODUCTION**

1. There are a variety of situations that involve search and rescue. These operations may be of a minor nature. However, in certain circumstances a major coordinated response is required.

**THREAT RESPONSES**

2. SAR operations include some of the following:
  - a. Searches and rescues for missing persons,
  - b. Searches for and rescues from rivers, lakes and dams,
  - c. Cliff and cave searches and subsequent rescues,
  - d. Searches of and rescues from mine shafts, wells, bores and the like.

**COMMAND & CONTROL STRUCTURE**

3. The following structure will apply to the incident:

**Searches - MISSING PERSONS**

ROLE	AGENCY
Hazard management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Combat Agency	DFES-SES
Field Search Controller	DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC
SAR Dogs	DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS

**Searches - RIVERS, LAKES, DAMS**

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Combat Agency	DFES-SES
Field Search Controller	DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC
SAR Dogs	DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS



**Rescues - VERTICAL CLIFF & CAVE**

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat Support Agencies:</b>	
Combat Agency	DFES-SES
Vertical Rescue Team Leader	DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC
SAR Dogs	DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	DCP

**Rescues - MINES, WELLS & BORES**

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Combat Agency	DFES-SES (Bores/Confined Space) CFRS
Vertical Rescue Team Leader	DFES-SES
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC
SAR Dogs	DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS

# MARINE TRANSPORT EMERGENCY

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**REFERENCE:** WestPlan – MARINE TRANSPORT EMERGENCY (2011)  
WestPlan – MARINE OIL POLLUTION (2010)

## INTRODUCTION

1. International shipping, interstate and intrastate passenger, fishing, trading and offshore petroleum industry vessels navigate the waters near Bunbury. There is a possibility of a marine transport emergency through the effect of weather, human error, mechanical or hull failure, amongst other reasons. Such emergencies may involve the loss of or injury to, life and property, cause hazards to navigation and pollute the sea and shoreline.

## THREAT RESPONSES

2. A marine transport emergency is an event involving a ship(s) presenting several hazards requiring a multi-agency response, that has resulted in or has a potential to result in:
  - Extensive loss of human life and/or property,
  - Risk to safe navigation,
  - Significant damage to marine infrastructure to the extent that maritime commerce is, or may be disrupted,
  - Serious degradation of the marine and coastal environment.

Without providing an exhaustive list, any of the above marine incidents, when they involve a ship or a large passenger carrying vessel, may result or have the potential to result in the following marine transport emergency situations:

- Need to evacuate all or the majority of people from a ship, or
- The requirement to rescue persons from the water or life rafts, after abandoning ship,
- Damage to marine infrastructure that impedes trade and or recreation,
- Significant release of hazardous liquids, materials or gases into the water &/or the environment,
- Extensive damage, to the extent that a ship becomes unseaworthy,.
- Request for refuge by a damaged or disabled ship.

## RESPONSE

The response to marine transport emergencies will be directed towards the following goals:

- Preservation of human life,
- Rescue of persons from vessels in distress,
- Protection of environmental values,
- Containment of oil and chemical pollutants aboard vessels,
- Removal of oil and chemical pollutants from vessels,
- Removal of hazards to navigation,
- Protection of biological, commercial and recreational assets from the effect of spilled oil and noxious or hazardous chemicals,
- Accident reporting, investigation and crime scene preservation.

**COMMAND & CONTROL STRUCTURE**

**3. The following structure will apply to the incident:**

**MARINE SEARCH AND RESCUE**

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Combat Agency Incident Controller Support Agencies Traffic/crowd control Casualties Resources Welfare	Bunbury Volunteer Marine Rescue Service As appointed WA Police Bunbury Port Authority, DFES-SES WA Police St.John Ambulance/ SWHC City of Bunbury Department for CPFS

**MARINE OIL POLLUTION**

ROLE	AGENCY
Hazard Management Agency	Department of Transport (DoT)
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Combat Agency  Incident Controller Support Agencies  Traffic/crowd control Casualties Resources Welfare	Department of Transport/Bunbury Port Authority As appointed DoT Bunbury Port Authority, DFES-SES St John Ambulance WA Police St.John Ambulance City of Bunbury Department for CPFS

**HAZMAT- SPILL**

ROLE	AGENCY
Hazard Management Agency	DFES-FRS
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Combat Agency Incident Controller Support Agencies  Traffic/crowd control Casualties Resources Welfare	DFES-FRS As appointed by DFES Bunbury Port Authority, DPI, DFES-SES  WA Police St.John Ambulance/SWHC,MMT COB Department for CPFS

# PANDEMIC INFLUENZA

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**REFERENCE:** WestPlan - HUMAN EPIDEMIC (2014)

## **INTRODUCTION**

1. The World Health Organisation (WHO) states that “*Emerging and re-emerging epidemic diseases pose an on-going threat to global health security*”. A human pandemic occurs when a new contagion subtype to which there is little or no immunity emerges, is easily spread between humans and is capable of causing severe disease in humans. In the absence of immunity, the new subtype can rapidly spread across the globe, causing worldwide epidemics or ‘pandemics’ with high numbers of cases and deaths.

## **THREAT IMPACTS**

2. Should this threat eventuate, some or all of the following may be encountered:

### **Health Impacts:**

- High proportion of population become too unwell to undertake normal activities,
- An increased demand on health care facilities and assets,
- Re-direction of resources, to assist increasing demands for health care,
- Possible ongoing physical and mental health issues.

### **Community Impacts:**

- Threatened supply reduction to critical infrastructure and services,
- Burial capacity may not meet expectations,
- Closure/restriction of social interaction activities, disrupting community life,
- Demand for some pharmaceutical goods outstripping supply,
- Diminished community confidence in government and care facilities,

### **Social Impacts:**

- Isolation may cause social disruption, causing social segregation,
- Increased support needs for vulnerable people (carers may not be available),
- Volunteer services disrupted,
- Negative impacts from a change in work practices and environments,
- Increased needs for physical and financial support for home quarantine requirements,
- Law and order issues, potential community anxiety.

### **Economic Impacts:**

- Reduction in trade and commerce, to local economy,
- Business activities disrupted leading, to possible business failure/s,
- Loss of existing employment,
- Shift in demand for goods and services,
- Reduced cash flow resulting in economic downturn,
- Potential rationing of goods and services,
- Loss of tourism,
- Extensive economic recovery period,
- Global impact for widespread pandemics.

## COMMAND & CONTROL STRUCTURE

### 3. The following structure will apply to the incident:

<b>ROLE</b>	<b>AGENCY</b>
Hazard Management Agency	Dept of Health
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b>	
Combat Agency	Dept of Health
Traffic/crowd control	WA Police
Casualties	St John Ambulance/ SWHC
Evacuation	WA Police /DFES-SES
Resources	DFES-SES/City of Bunbury
Welfare	Department for CPFS
Environmental Health issues	City of Bunbury Environmental Health Dept
Utilities restoration	Statutory Authorities

## WHERE A PANDEMIC EFFECTS CITY OF BUNBURY STAFFING LEVELS

4. There will be three levels of warning:
- Blue Alert** – Health Department warns of the imminent arrival of a human epidemic, to the Bunbury community. It is anticipated that there will be significant absenteeism of City staff.
  - Yellow Alert** – 25% of City staff not attending work on any one day, due to illness or career's leave.
  - Red Alert** – Greater than 25% of staff absent from work &/or 25% absenteeism from work for greater than one week.

# BOMB OR PERSONAL HARM THREAT

**REFERENCE:** Emergency Management Regulations – 2006 [specifically reg16(g)]  
WestPlan - TERRORISM

## INTRODUCTION

2.

## RESPONSE ARRANGEMENTS

3. There will be three levels of warning:

a. **Blue Alert** –

b. **Yellow Alert** –

c. **Red Alert** –

## THREAT RESPONSES

## COMMAND & CONTROL STRUCTURE

5. The following structure will apply to the incident:

### Evacuations – Buildings

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies</b> Evacuation of Staff/Customers (Each CoB Building)	
Traffic/Crowd Management	
Investigation	
Intelligence	

### Searches Buildings

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat or Support Agencies:</b> Combat Agency Traffic/crowd control Casualties SAR Dogs Resources Welfare	

**Rescues Buildings**

ROLE	AGENCY
Hazard Management Agency	WA Police
Local Emergency Coordinator	OIC Bunbury Police Station
<b>Combat Support Agencies:</b> Combat Agency Vertical Rescue Team Leader Traffic/crowd control Casualties SAR Dogs Resources Welfare	



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