

APPENDIX E9

TASMANIA FIRE SERVICE COMMUNITY BUSHFIRE PROTECTION PLAN & COMMUNITY BUSHFIRE RESPONSE PLAN DOCUMENTS

YOUR GUIDE TO:

Community Bushfire Protection Plans

1. GET



Get your local Community Bushfire Protection Plan

A simple plan for community members containing **bushfire safety options** and **bushfire information**.

Download your Community Bushfire Protection Plan (where available) from the TFS website:

VISIT www.fire.tas.gov.au

Request a printed copy:

FREECALL **1800 000 699**

2. READ



Read your Community Bushfire Protection Plan

assess your options

identify your risks



3. USE



Use your Community Bushfire Protection Plan to develop a bushfire survival plan



Know your Nearby Safer Places

Know your nearest and safest Exit Routes

Know your local Emergency Broadcaster

Seek further Bushfire Safety Advice

Free **Bushfire Survival Plan** booklet & DVD available at www.fire.tas.gov.au or freecall **1800 000 699**

4. KEEP



Keep your Community Bushfire Protection Plan in an easily accessible location – it may save your life

FREE CALL

1800 000 699

EMAIL

planning@fire.tas.gov.au

VISIT

www.fire.tas.gov.au



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In an emergency dial triple zero 000 or if a TTY user call 106

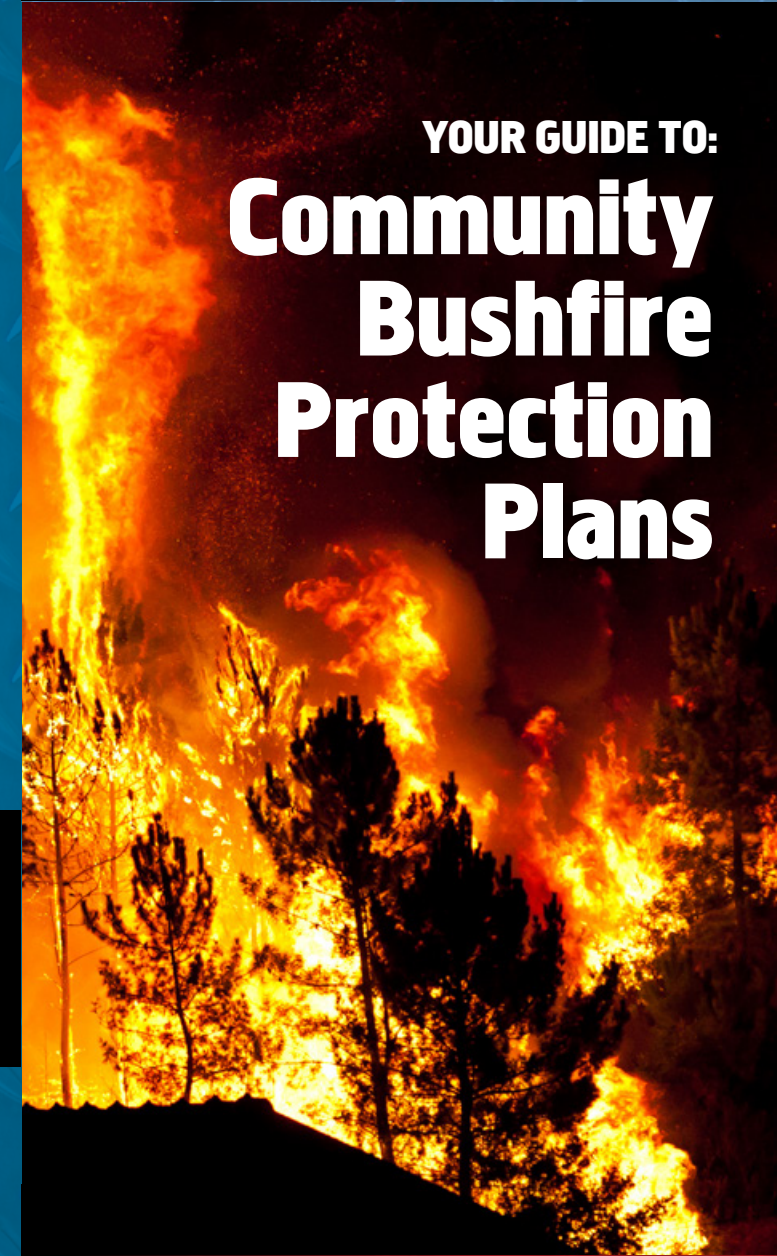
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Tasmania Fire Service

YOUR GUIDE TO:

Community Bushfire Protection Plans



PREPARE • ACT • SURVIVE

Community Protection Planning

An innovative emergency management planning initiative which addresses community level bushfire protection, response and mitigation.



Community Bushfire Protection Plans

Plans for community members that provide local information to assist with bushfire preparation, and survival.

Community Bushfire Response Plans

Plans for emergency managers to better protect communities and their assets during bushfire emergencies.

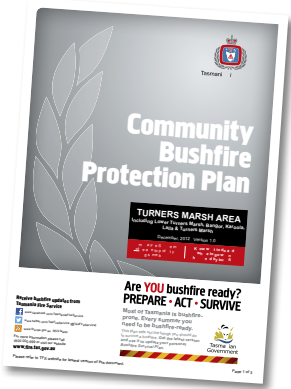
Community Bushfire Mitigation Plans

Plans that focus on addressing bushfire hazards and improving survivability of communities and assets.

What is a Community Bushfire Protection Plan?

A Community Bushfire Protection Plan aims to assist individuals with the development of personal *Bushfire Survival Plans* by providing local advice on:

- Safety options for surviving a bushfire, including the location of nearby safer places
- Communications for receiving emergency warnings and bushfire updates
- Safe access in and out of the community area
- Advice on what to do to prepare and survive a bushfire
- How and where to source additional bushfire safety information



Community Fire Refuges

A Community Fire Refuge is:

- a temporary shelter for people who leave bushfire affected areas
- a building that offers basic amenities including drinking water, and toilet facilities
- a location that is advertised via ABC Local Radio & Tasmania Fire Service Website

NSP Nearby Safer Places

A nearby safer place is a site that may increase a persons chances of survival during a bushfire.

Nearby Safer Places are:

- A place of **LAST RESORT** during a bushfire
- A place **CLOSE BY** that gives shelter from radiant heat
- **NOT** without Risk
- **NOT** a place to relocate to when leaving early
- **NOT** your only option
- **NOT** a Community Fire Refuge

Tasmania Fire Service bushfire planners assess nearby safer places to determine if they will provide protection for people during the worst bushfire conditions. They are assessed to ensure users will survive a Fire Danger Rating of Catastrophic (FDI 120).

Nearby safer places assessed by Tasmania Fire Service are published in Community Bushfire Protection Plans, which are available at www.fire.tas.gov.au or freecall **1800 000 699**.

In some areas Tasmania Fire Service may not identify any nearby safer places as there may not be any suitable sites that meet TFS criteria.



Selecting your own Nearby Safer Place

You should identify your own nearby safer places in addition to those identified by Tasmania Fire Service. This table can be used to assist in selecting a personal nearby safer place.

		NSP Setback Distance (meters)		
		Heavy Forest	Light Forest or Scrub	Grassland
Slope (degrees)	Flat	95	70	40
		225	175	80
	5	110	85	45
		260	200	90
	10	130	100	55
		305	235	100
	15	155	120	60
		360	280	110
	20	185	140	65
		425	330	120

Red a building Green open space

NSP setback distance: refers to the amount of clear space required between the NSP site (a building or an open space) and the bushfire hazard (vegetation). This must be a clear or maintained space (e.g. mown grass, sand, gravel).

Slope: refers to the steepness (or gradient) of the land under the vegetation measured in degrees.

Heavy forest: canopy trees more than 10 meters high, with understorey scrub or small trees. Difficult to walk through in a straight line.

Light Forest: sparse canopy trees, open scrub understorey, often grassy. Not difficult to walk through in a straight line.

Scrub: no canopy trees. Shrubs ranging in height, often dense, difficult to walk through.

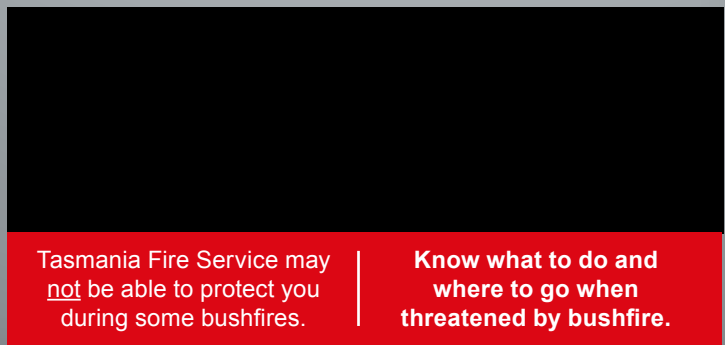
Grassland: agricultural land, native grassland, tussock, low heath land.

For more information on selecting your own nearby safer place visit www.fire.tas.gov.au or freecall **1800 000 699**.



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Community Bushfire Protection Plan



Tasmania Fire Service may not be able to protect you during some bushfires.

Know what to do and where to go when threatened by bushfire.

Receive bushfire updates from Tasmania Fire Service



www.facebook.com/TasmaniaFireService



[@TasFireService](https://www.twitter.com/TasFireService)



www.fire.tas.gov.au RSS feeds

For more information please call
1800 000 699 or visit our website

www.fire.tas.gov.au

Are **YOU** bushfire ready? **PREPARE • ACT • SURVIVE**

Most of Tasmania is bushfire-prone. Every summer you need to be bushfire-ready.

This plan sets out the things you should do to survive a bushfire. **Get the latest version and use it to update your personal *Bushfire Survival Plan*.**



Tasmanian
Government



PREPARE | before the fire

- 1) **Prepare your home for bushfire.**
 - Use the Tasmania Fire Service *Bushfire Prepare to Survive* booklet or DVD.
 - Even if you plan to leave early, preparing your home gives you another shelter option, and firefighters a better chance to save it.
- 2) **Decide what you will do and write down your plan.**
 - Will you leave early, or will you stay and defend your home?
 - Decide now, and fill out your *Bushfire Survival Plan*.
- 3) **If you can, talk with your neighbours.**
 - What are their plans? Are they aware of your plans?
- 4) **Review your insurance policy.**
 - Are your home and contents covered for bushfire?

ACT | when fires are likely, or nearby

- 1) **Keep informed.**
 - Check the weather forecast and Fire Danger Rating daily.
 - Listen to ABC Local Radio, monitor the Tasmania Fire Service website www.fire.tas.gov.au and watch for smoke and fires.
 - If bushfires are in your area, don't wait for an official warning.
- 2) **Put your *Bushfire Survival Plan* into action.**
 - **The safest option for all bushfires is to leave early, before a bushfire threatens you and your home.**
 - Consider leaving immediately if 'Severe', 'Extreme' or 'Catastrophic' Fire Danger Ratings are forecast for the following day.
 - Leaving the day before because of a bad fire danger forecast isn't always practical. So, if waiting until a bushfire breaks out in your district, leave early before roads are cut by fire, fallen trees or power-lines.
 - Be prepared to stay away for several days. Head away from any fires; towards a town centre is often best.
 - **A safe option for some bushfires.**
For less intense bushfires, you may stay & defend your home if:
 - a) You have prepared it for bushfires, with fire-fighting equipment and plenty of water.
 - b) You are fit and emotionally prepared (it is best to evacuate children and other dependents early).
 - **An unsafe option is to 'wait and see', then flee at the last minute.**
 - If you don't have a plan, leave immediately.
 - If a bushfire catches you by surprise and it's unsafe to stay at home but too late to leave the area, go to a nearby safer place and wait for the fire front to pass through.

SURVIVE | after the fire

- 1) Make sure everyone's safe, check on your neighbours if you can.
- 2) Tune in to the Information Sources (listed on the map overleaf).
- 3) If at home, put out any embers and spot-fires threatening your home.
- 4) If your home is destroyed, contact your local council for assistance.



**In an emergency dial triple zero 000
or if a TTY user call 106**

Get your free *Bushfire Survival Plan* &
Bushfire Prepare to Survive booklet & DVD
www.fire.tas.gov.au | Free call 1800 000 699

NSP

NEARBY SAFER PLACES

A nearby safer place is somewhere close by you should be able to reach quickly and safely, and that gives shelter from radiant heat.



**Using nearby safer places is not without risk.
They are a last resort, not your only option.**

Nearby safer places may include town centres; ground level water e.g. rivers, in ground pools, dams; large open areas e.g. beaches, ploughed or green fields, golf courses, recreation grounds and community parks with very short grass; and approved bushfire bunkers.

- List other nearby safer places, close to where you live, in your personal *Bushfire Survival Plan*.
- Prepare your home and identify nearby safer places. Otherwise, leave early.
- Travelling through fire impacted areas is unsafe and should be avoided, even in a car.

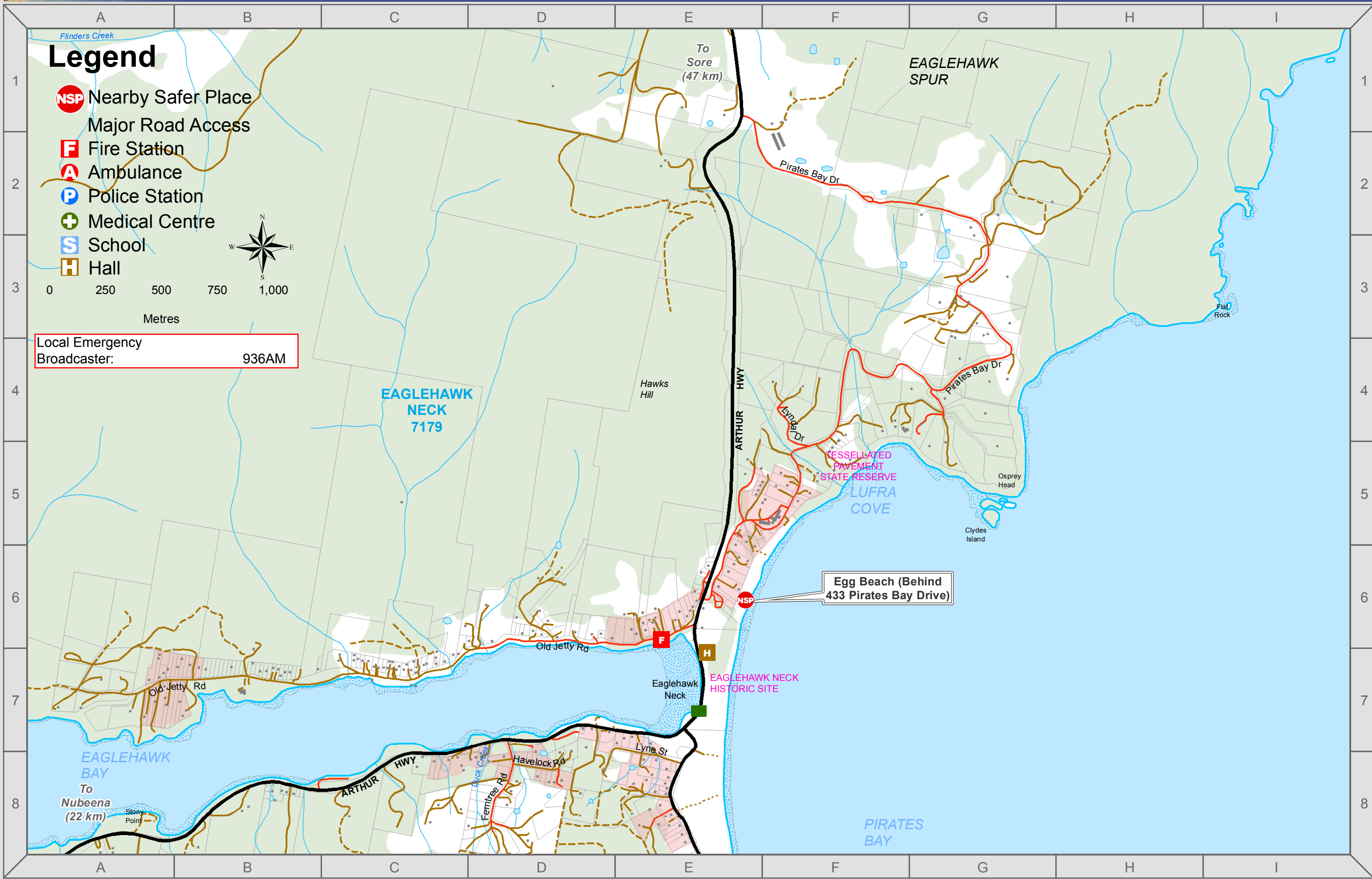
Nearby Safer Places:

**Add nearby safer places to your
Bushfire Survival Plan.**



Plan: Eaglehawk Neck Area
Issue date: January 2013

Map:
Eaglehawk Neck (North)





Plan: Eaglehawk Neck Area
Issue date: January 2013

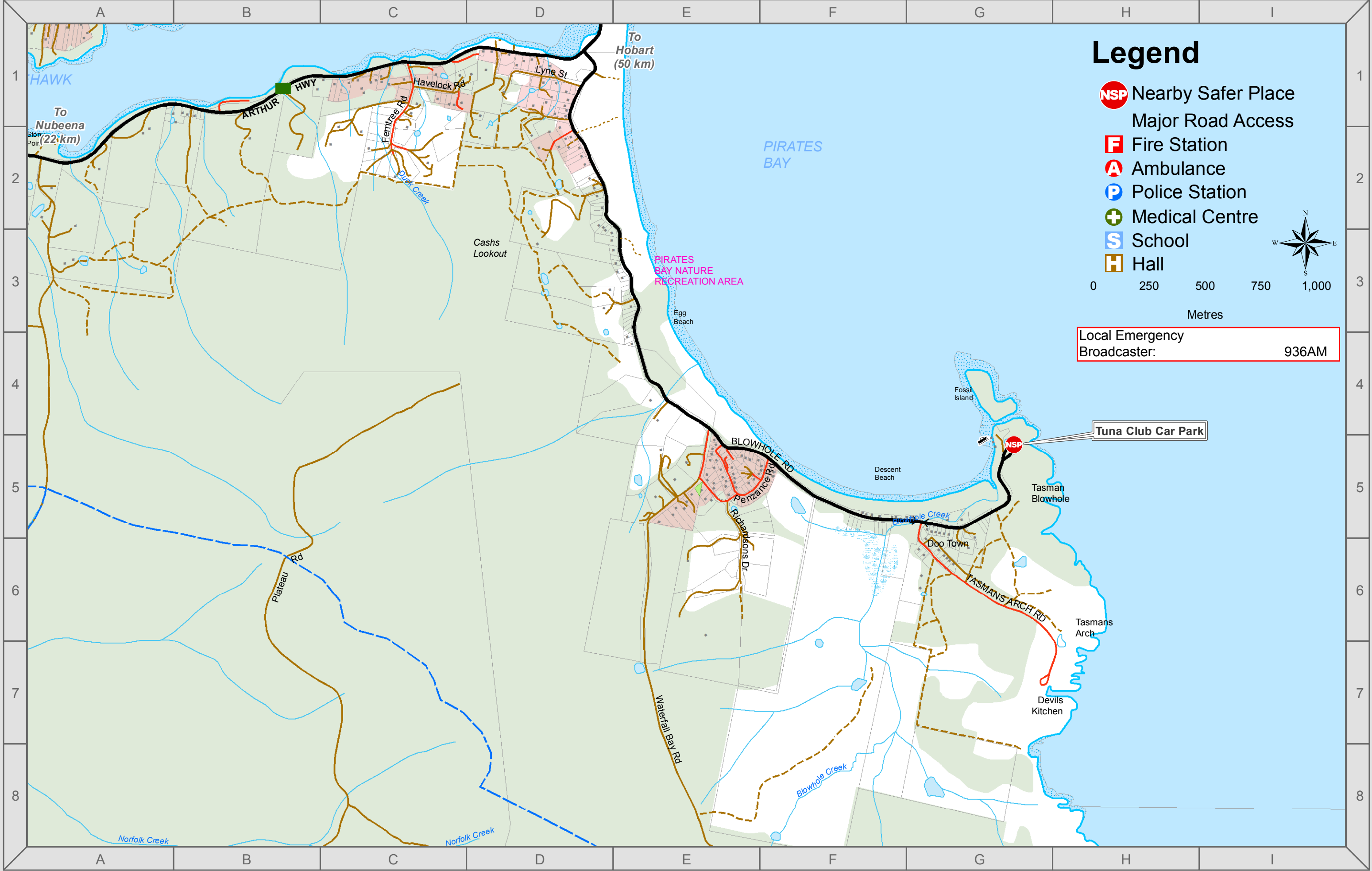
Map: Eaglehawk Neck (South)

Disclaimer: The following map product has been produced by Emergency Services GIS (ES GIS) on behalf of the Tasmanian Fire Service. While efforts have been taken to ensure the accuracy of this product, there may be errors or omissions in the data presented. Users are advised to independently verify a data for accuracy and completeness prior to use.

FOR OFFICE USE ONLY: 2 (2012)

Tasmania
Explore the possibilities

GDA
UTM
ZONE 55



Community Bushfire Response Plan

EAGLEHAWK NECK

Including Penzance & Doo Town

Issue Date: January 2013

Introduction

- Command Intent:** This is a Community Bushfire Response Plan. Its purpose is to inform operational decision-making when establishing protection priorities in response to bushfires affecting this area, particularly when fires are burning out of control.
- It reflects the Tasmania Fire Service's six operational priorities and its intent is to identify community protection priorities with particular reference to potential locations of vulnerable groups of people, as well as assets that are important for the community's recovery.
- It also includes hazards, water sources and other features of operational significance.
- Scope:** This plan is primarily for use by Incident Management Teams. It may also be used by TFS Brigades and other fire-fighting resources. It is supported by a Community Bushfire Protection Plan for the community.
- Remember:** **CREW LEADERS:**
- Information in this plan may be modified by the IMT, in response to prevailing conditions. **Incident Action Plans (IAPs) therefore take precedence over this plan.**
- ON THE FIREGROUND:**
- Fire crew safety is paramount. Use appropriate PPE, follow all applicable SOPs and apply **LACES** (Lookouts, Awareness, Communication, Escape Routes, Safety Zones).
 - Provide frequent Situation Reports.** These will inform critical community warnings and information.
 - If you have completed your assigned task, have lost communications and it is safe to do so, move to the next protection priority that is identified in the IAP. If there is no IAP, consider the Public Safety Locations and Community Assets listed in this plan to identify the next protection priority.

Area Overview

Area:	Region: SOUTHERN	District: EAST COAST	Council: TASMAN
Brigades:	Primary: EAGLEHAWK NECK	Support: DUNALLEY, KOONYA	
Radio:	VHF(TFS): 23 (F23), 91 (F91)	UHF: 12 (Ops), 13 (Chat)	VHF(AirOps): 39 (F39) VHF(PWS,FT): 58 (T8)
References:	TasTowns: Page 226	MapBook: Page 360	1:25k Topo: 5623
Contents:	Area Profile: Page 2-4	Area List: Page 5-9	Area Map: Page 10-11 Glossary: Page 12-15

Response Map Legend

TRANSPORT

- Major | Sealed Road
- Unsealed Road | Vehicular Track
- Railway Tracks
- Tracks (Walking / Bike)
- Bridge
- Airport / Landing Field
- Boat Ramp

TOPOGRAPHICAL FEATURES

- 20m Contour
- Oval / Sporting Ground
- Builtup Area
- Vegetated Area (Forest / Bushland)
- Water Course
- Water Body

INFRASTRUCTURE

- Power Transmission
- Power Station
- Power Sub-Station
- Natural Gas Trunk Pipeline
- Natural Gas Facility
- Water / Sewer Pumpstation
- Tower
- Buildings | Feature Buildings

COMMUNITY

- Ambulance | Fire Station
- Police Station | SES Unit
- Hospital | Medical Centre
- Creche | Nursing and Aged Care
- School / Education Facility | Hall / Town Hall

TFS OPERATIONAL FEATURES

- Nearby Safer Place
- Major Road Access
- Identified Hazard
- Vulnerable Group Locations
- Community Asset
- Bushfire Ready Schools
- Water Point

RECREATION

- Caravan Park
- Camping Ground

ADMINISTRATIVE

- Cadastral / Property Boundary
- Locality / Suburb Boundary (with Name & Postcode)
- Local Government Boundary

Index Map



The Area:	<p>The Eaglehawk Neck area is a community in the south east of Tasmania, on the Tasman Peninsular.</p> <ul style="list-style-type: none">• Distances and Traveling Times:<ul style="list-style-type: none">- 39 km south-east of Sorell- 51 km from Sorell by road (approximately 40 mins in normal driving conditions)- 52 km south-east of Hobart- 78 km from Hobart by road (approximately 68 mins in normal driving conditions)- 42 km south-east of Cambridge Aerodrome (approximately 12 mins flight time)
The Community:	<p>Demographics from the 2011 Australian Bureau of Statistics census data (6107301) and stakeholder input:</p> <ul style="list-style-type: none">- 338 people permanently reside here- approximately 11% of the population is aged 0 - 14 years- approximately 20% of the population is aged 65+ years- the median age of the population is 52- 101 families with an '69/31' split of families with no children and families with children- 145 occupied private dwellings- there is some seasonal population variation (i.e. this area does experience some population change in summer months)- there are many shack-type structures – non-permanent tenancy
The Land:	<p>Predominant Interface Type:</p> <ul style="list-style-type: none">• Type 2: Structures scattered within bushland fuels <p>Community Classification:</p> <ul style="list-style-type: none">• Semi-Rural <p>Predominant Vegetation Groups (Tasveg 2.0):</p> <ul style="list-style-type: none">• Wet Eucalypt Forest & Woodland• Dry Eucalypt Forest & Woodland• Agricultural Land <p>Predominant Fire Behaviour Potential (BRAM v 2.0):</p> <ul style="list-style-type: none">• Moderate <p>Predominant Topographic Characteristics (Slope Classes):</p> <ul style="list-style-type: none">• Moderate (10 ° – 15 °) <p>Land Tenure within the area:</p> <ul style="list-style-type: none">• Private Freehold• National Park• State Reserve• Nature Recreation Area• State Forest• Historic Site• Conservation Area <p>Land Managers within the area:</p> <ul style="list-style-type: none">• Parks & Wildlife Service• Forestry Tasmania <p>Reserves and Parks within the area:</p> <ul style="list-style-type: none">• Tasman National Park (Parks & Wildlife Service)• Tasman Arch State Reserve (Parks & Wildlife Service)• Pirates Bay Nature Recreation Area (Parks & Wildlife Service)• Tessellated Pavement State Reserve (Parks & Wildlife Service)• Eaglehawk Neck Historic Site (Parks & Wildlife Service)

Recent Fire History, Mitigation & Planning:	<p>Bushfire:</p> <ul style="list-style-type: none"> • There has been no recorded, significant bushfire within this area in the last 5 years <p>Fire Mitigation:</p> <ul style="list-style-type: none"> • Parks & Wildlife Service conducted prescribed burning in the Tasman Arch/Doo Town area during 2008. • Parks & Wildlife Service maintain several fire breaks between Egg Beach and Blowhole Road, in Doo Town, and around the community hall. • Parks & Wildlife maintain several fire trails in this area. <p>Fire & Emergency Management Plans:</p> <ul style="list-style-type: none"> • Southern Region Strategic Fire Management Plan (Parks & Wildlife Service) • Tasman National Park Management Plan, 2011(Parks & Wildlife Service) • Tasman National Park Fire Management Plan, 2006 (Parks & Wildlife Service) • Tasman Emergency Management Plan, 2011 (Tasman Council)
Access & Egress:	<p>Major Road Access:</p> <ul style="list-style-type: none"> • Arthur Highway • Blowhole Road <p>Other notes:</p> <ul style="list-style-type: none"> • People who stay in this area when fires are threatening are likely to be isolated/vulnerable. • Refer to Tasman National Park Fire Management Plan for details of strategic fire trails. • Pirates Bay Drive is steep, narrow, windy and heavily vegetated. • Jetty Road is narrow, gravel and heavily vegetated – a high risk area. • Waterfall Bay Road is gravel, heavily vegetated, narrow, and poorly maintained. • All roads are subject to tourist traffic. • Blowhole Road and Tasmans Arch Road are used by tourist buses and large boat trailers. • Tasman Council can supply water tanker, grader, 14t float, front end loader, 1200 l slip-on.
Community Communications:	<p>Languages:</p> <ul style="list-style-type: none"> • The Australian Bureau of Statistics 2011 census data (6107301) shows that: <ul style="list-style-type: none"> - approximately 97% of the resident population 'only speak English at home' - the most common other languages recorded were Dutch, Lithuanian, Turkish and Ilonggo (Hiligaynon). <p>Community & Stakeholder Feedback about Communications:</p> <ul style="list-style-type: none"> • Mobile phone reception is considered: <ul style="list-style-type: none"> - 'Good' in Eaglehawk Neck - 'Patchy' north of Flinders Creek • Radio reception for ABC Local Radio (936 AM & 747 AM) is considered: <ul style="list-style-type: none"> - 'Good' • VHF Radio reception (F23, F91) is considered: <ul style="list-style-type: none"> - 'Good' in Eaglehawk Neck - 'Patchy' north of Flinders Creek <p>Other notes:</p> <ul style="list-style-type: none"> • Local emergency broadcaster tower locations servicing this area: <ul style="list-style-type: none"> - Ralphs Bay (936 AM, 747 AM) • VHF radio tower locations servicing this area: <ul style="list-style-type: none"> - Mount Rumney (F23), Mount Koonya (F91), Mount Koonya (T8)

Community Fire Refuges:

- Community Fire Refuges may be used during operations as another safety option for people in bushfire affected areas.
- The TFS Incident Controller makes the request to open a community fire refuge, in partnership with SES, Councils and DHHS.
- Alerts, Standby, Response and Stand-Down instructions are usually coordinated by SES.
- The current arrangements for community fire refuge operations are available on the TFS website (publicly available).
- Currently identified options for use as community fire refuges are listed on the TFS intranet: Info Centre/Operations/Community Fire Refuge

Community Fire Refuge (CFR) Options for Eaglehawk Neck:

Venue	Address	Grid Reference
Tasman District School	4 Nubeena Back Rd, Nubeena	N560700 E5228050
Sorell Memorial Hall	47 Cole St, Sorell	N545890 E5233670
Derwent Entertainment Centre	601 Brooker Hwy, Glenorchy	N523100 E5258650
Kingston Sports Centre	10 Kingston View Dr, Kingston	N523300 E5242200
Brighton Civic Centre	25 Green Point Rd, Bridgewater	N519950 E5268120

Map Reference	Description	Location Grid Reference Manager/Titleholder	Comments	OPERATIONS USE ONLY		
				Resources Type	Assignment	Priority

FIRE-GROUND INSTRUCTIONS:

PUBLIC SAFETY PRIORITIES:




- If there is direct threat to life, evacuate to a nearby safer place if possible/safe.
- Protect vulnerable people at nearby safer places and vulnerable group locations.

NSP 1 Map: Eaglehawk Neck (North) Grid: F6	Nearby Safer Place Egg Beach (Behind 433 Pirates Bay Drive)	<ul style="list-style-type: none"> • Pirates Bay Drive • Grid Reference: E575700 N5237400 • Parks & Wildlife Service 	<ul style="list-style-type: none"> • FDR Rating for use as NSP: Catastrophic (FDR 100+) • This site may also be known as Pirates Bay Beach. • Other areas of beach are not suitable due to radiant heat load. 			
NSP 2 Map: Eaglehawk Neck (South) Grid: H5	Nearby Safer Place Tuna Club Car Park	<ul style="list-style-type: none"> • Blowhole Road • Grid Reference: E577200 N5234900 • Parks & Wildlife Service 	<ul style="list-style-type: none"> • FDR Rating for use as NSP: Catastrophic (FDR 100+) • Jetty provides an evacuation point. 			
V 1 Map: Eaglehawk Neck (North) Grid: D6	Vulnerable Group Location Eaglehawk Neck Backpackers	<ul style="list-style-type: none"> • 92 Old Jetty Road • Grid Reference: E574300 N5237090 • Private Facility 	<ul style="list-style-type: none"> • Accommodation for up to 16 people, dormitory and camping • Hose Reel on site, gravity fed from dam 			
V 2 Map: Eaglehawk Neck (South) Grid: n/a	Vulnerable Group Location Waterfall Bay Lookout & Waterfall Bay walking trails	<ul style="list-style-type: none"> • Waterfall Bay Road • Grid Reference: E577150 N5232310 • Parks & Wildlife Service 	<ul style="list-style-type: none"> • Popular tourist site • Walking trails connect to Tasman Arch and Fortescue Bay • People may become trapped in this area either on foot or in vehicles 			
V 3 Map: Eaglehawk Neck (South) Grid: H7	Vulnerable Group Location Devils Kitchen & Walking trails	<ul style="list-style-type: none"> • Tasmans Arch Road • Grid Reference: E577420 N5234070 • Parks & Wildlife Service 	<ul style="list-style-type: none"> • Popular tourist site • Tourist buses frequent this area • People may become trapped in this area either on foot or in vehicles 			
V 4 Map: Eaglehawk Neck (South) Grid: C4	Vulnerable Group Location Hang Gliding Launch Site & Walking Trails	<ul style="list-style-type: none"> • Plateau Road • Grid Reference: E574750 N5235200 • Parks & Wildlife Service 	<ul style="list-style-type: none"> • Popular lookout and launch site for hang gliders • Walking trails to Cashes Lookout • People may become trapped in this area either on foot in in vehicles • Very steep, forested terrain 			
V 5 Map: Eaglehawk Neck (North) Grid: G5	Vulnerable Group Location Lufra Hotel	<ul style="list-style-type: none"> • 380 Pirates Bay Road • Grid Reference: E575720 N5237660 • Private facility 	<ul style="list-style-type: none"> • Accommodation for up to 140 people • People may gather at this site • Also classed as a Hazard & Community Asset 			


Map Reference	Description	Location Grid Reference Manager/Titleholder	Comments	OPERATIONS USE ONLY		
				Resources Type	Assignment	Priority

V 6 Map: Eaglehawk Neck (South) Grid: H5	Vulnerable Group Location Tuna Club of Tasmania	<ul style="list-style-type: none"> Blowhole Road Grid Reference: E577130 N5234900 Private facility 	<ul style="list-style-type: none"> People may gather here Also classed as a Community Asset 			
V 7 Map: Eaglehawk Neck (North) Grid: H4	Vulnerable Group Location Eaglehawk Neck Dive Centre	<ul style="list-style-type: none"> 178 Pirates Bay Dr Grid Reference: E576390 N5238300 Private facility 	<ul style="list-style-type: none"> Accommodation for up to 14 people Dive charters every day through summer months Dive centre always attended Also classed as a Community Asset & Water Point 			

FIRE-GROUND INSTRUCTIONS:						
BUSHFIRE READY SCHOOLS:						
		<ul style="list-style-type: none"> No actions required unless school is classified as a nearby safer place, vulnerable group location, community asset, or is directly under threat. 				
S# Map: Eaglehawk Neck (North) Eaglehawk Neck (South) Grid: n/a	n/a	<ul style="list-style-type: none"> Eaglehawk Neck Area Grid Reference: E n/a N n/a n/a 	<ul style="list-style-type: none"> There are no Bushfire Ready Schools located in this area. 			

FIRE-GROUND INSTRUCTIONS:						
IDENTIFIED HAZARDS:						
		<ul style="list-style-type: none"> Ensure people are safe from hazards. Consider evacuating the area adjacent to the hazard, or if resources allow, protecting the hazard or protecting exposures. Mark hazards with Yellow & Black flagging tape. 				
 1 Map: Eaglehawk Neck (North) Grid: G5	Lufra Hotel	<ul style="list-style-type: none"> 380 Pirates Bay Road Grid Reference: E575720 N5237660 Private facility 	<ul style="list-style-type: none"> Liquefied Petroleum Gas (LPG) <ul style="list-style-type: none"> UN: 1075 Quantity: 2 x 210 kg HAZCHEM: 2RE Also classed as a Vulnerable Group Location & Community Asset 			
 2 Map: Eaglehawk Neck (North) Grid: E7	Blue Seal Café	<ul style="list-style-type: none"> 5131 Arthur Hwy Grid Reference: E574966 N5236700 Private facility 	<ul style="list-style-type: none"> Liquefied Petroleum Gas (LPG) <ul style="list-style-type: none"> UN: 1075 Quantity: 2 x 45 kg HAZCHEM: 2RE 			
 Map: Eaglehawk Neck (North) Eaglehawk Neck (South) Grid: n/a	Power Poles, lines and Transformers	<ul style="list-style-type: none"> Eaglehawk Neck Grid Reference: E n/a N n/a Aurora Transend 	<ul style="list-style-type: none"> Notes from Aurora: <ul style="list-style-type: none"> Single High Voltage Power line provides electricity to this area entering from the north. Notes from Transend: <ul style="list-style-type: none"> Transend have on infrastructure in this area. 			

Map Reference	Description	Location Grid Reference Manager/Titleholder	Comments	OPERATIONS USE ONLY		
				Resources Type	Assignment	Priority

 Map: Eaglehawk Neck (South) Grid: n/a	Livestock	<ul style="list-style-type: none"> Eaglehawk Neck Grid Reference: E n/a N n/a Private 	<ul style="list-style-type: none"> Potential for livestock in the Doo Town area from Deer farm. 			
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FIRE-GROUND INSTRUCTIONS: <ul style="list-style-type: none"> Ensure Public Safety Priorities are protected. Protect community assets if resources are available. 						
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CA 1 Map: Eaglehawk Neck (North) Grid: G5	Lufra Hotel	<ul style="list-style-type: none"> 380 Pirates Bay Road Grid Reference: E575720 N5237660 Private facility 	<ul style="list-style-type: none"> Also classed as a Vulnerable Group Location & Hazard 			
CA 2 Map: Eaglehawk Neck (North) Grid: F6	Eaglehawk Neck Historic Site & Community Hall	<ul style="list-style-type: none"> Arthur Highway Grid Reference: E575400 N5237100 Parks & Wildlife Service 	<ul style="list-style-type: none"> Tasmanian Heritage Register Important tourism infrastructure Parks & Wildlife Service maintain fire breaks around this site 			
CA 3 Map: Eaglehawk Neck (North) Grid: E7	Blue Seal Café	<ul style="list-style-type: none"> 5131 Arthur Hwy Grid Reference: E574966 N5236700 Private facility 	<ul style="list-style-type: none"> Important business for local tourism industry 			
CA 4 Map: Eaglehawk Neck (South) Grid: E5	Local Shop	<ul style="list-style-type: none"> Blowhole Road Grid Reference: E575900 N5234900 Private facility 	<ul style="list-style-type: none"> Important business for local community 			
CA 5 Map: Eaglehawk Neck (South) Grid: G6	Doo Town Game Meats (Deer Farm)	<ul style="list-style-type: none"> Tasmans Arch Road Grid Reference: E576700 N5234500 Private facility 	<ul style="list-style-type: none"> Livestock at risk Local employer Slaughter house and cool store 			
CA 6 Map: Eaglehawk Neck (North) Grid: B7	Oyster Farm (Cameron of Tasmania)	<ul style="list-style-type: none"> 165 Old Jetty Road Grid Reference: E573500 N5236900 Private facility 	<ul style="list-style-type: none"> Important local business and employer Sheds with packing machinery Stacks of plastic/wooden trays Jetty & work boats on site Business hours 7 am – 4 pm, Mon – Fri 			

Map Reference	Description	Location Grid Reference Manager/Titleholder	Comments	OPERATIONS USE ONLY		
				Resources Type	Assignment	Priority
CA 7 Map: Eaglehawk Neck (North) Grid: H4	Eaglehawk Neck Dive Centre	<ul style="list-style-type: none"> 178 Pirates Bay Dr Grid Reference: E576390 N5238300 Private facility 	<ul style="list-style-type: none"> Important business for local economy Accommodation for up to 14 people Dive charters every day through summer months Dive centre always attended 			
CA 8 Map: Eaglehawk Neck (South) Grid: H5	Tuna Club of Tasmania	<ul style="list-style-type: none"> Blowhole Road Grid Reference: E577130 N5234900 Private facility 	<ul style="list-style-type: none"> Important regional facility Clubhouse, boat sheds & jetty Also classed as a Vulnerable Group Location 			
CA 9 Map: Eaglehawk Neck (North) Grid: F4	Communications Tower (Hawks Hill)	<ul style="list-style-type: none"> Hawks Hill Grid Reference: E575290 N5238040 Telstra 	<ul style="list-style-type: none"> Telstra mobile transmitter Access from Arthur Hwy Provides mobile phone communications to the area 			

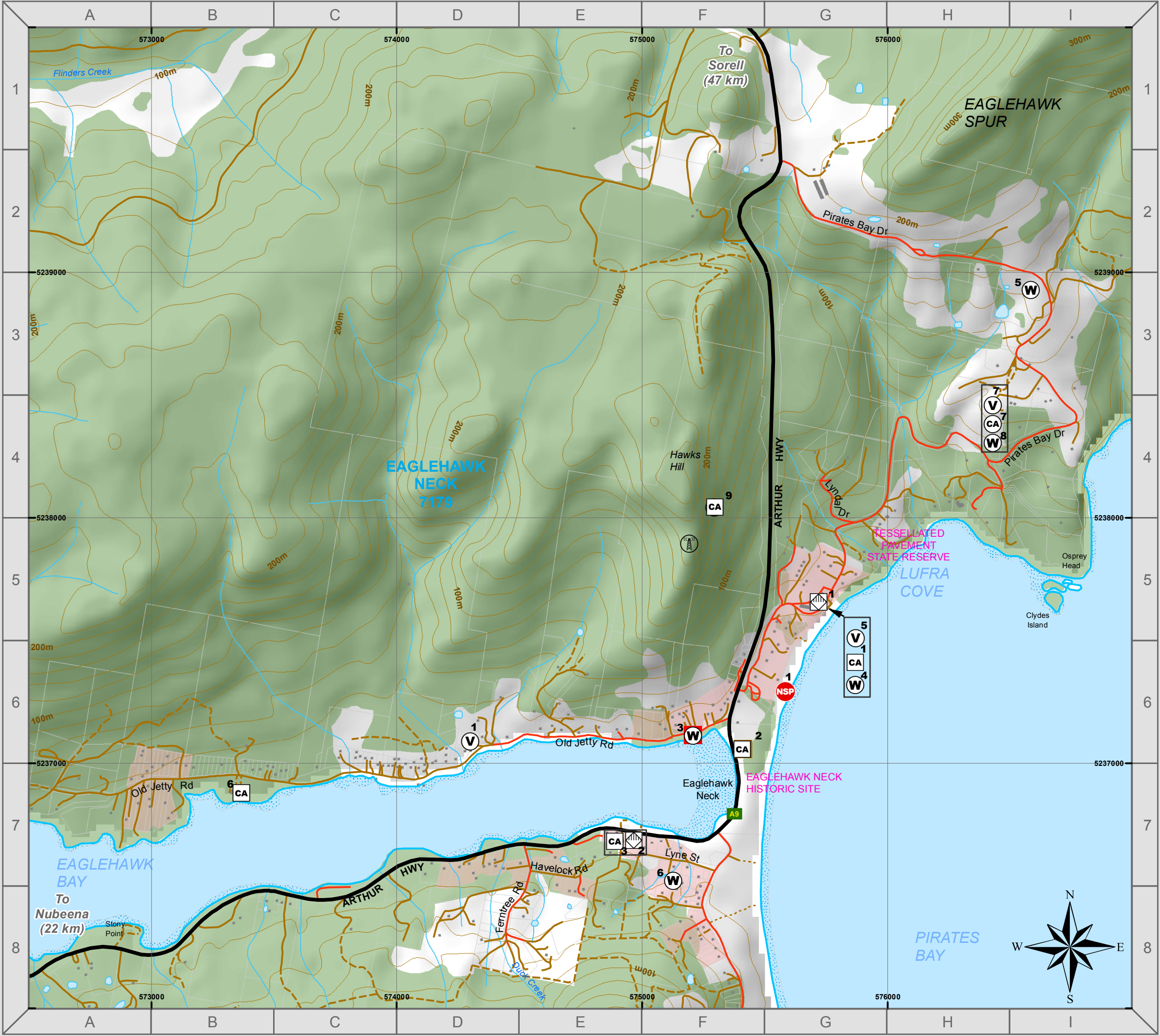
FIRE GROUND INSTRUCTIONS:

WATER POINTS:

- Mark suitable water points with Blue flagging tape.
- Prevent foam discharge into waterways.
- Maintain 1/3rd of appliance tank in reserve.

W Map: Eaglehawk Neck (South) Eaglehawk Neck (North) Grid: n/a	Reticulated & Potable Water Supply	<ul style="list-style-type: none"> Eaglehawk Neck Grid Reference: E n/a N n/a n/a 	<ul style="list-style-type: none"> Eaglehawk Neck does not have a reticulated water supply. Eaglehawk Neck does not have a reticulated sewerage system. Properties have tank or dam water supplies. 		
W 1 Map: Eaglehawk Neck (South) Grid: H5	Hydrant (Blowhole Road)	<ul style="list-style-type: none"> Blowhole Road Grid Reference: E577200 N5234700 Parks & Wildlife Service 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Gravity fed pillar hydrant from dam, 38mm Stortz outlet. 		
W 2 Map: Eaglehawk Neck (South) Grid: E7	Dam (Waterfall Bay Rd)	<ul style="list-style-type: none"> Waterfall Bay Road Grid Reference: E575550 N5233950 Tasman Council 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump. 		
W 3 Map: Eaglehawk Neck (North) Grid: F6	Water Tank (Fire Station)	<ul style="list-style-type: none"> Old Jetty Road Grid Reference: E575240 N5237150 Tasmania Fire Service 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump, 64mm stortz outlet. 25,000 litres. 		

Map Reference	Description	Location Grid Reference Manager/Titleholder	Comments	OPERATIONS USE ONLY		
				Resources Type	Assignment	Priority
W 4 Map: Eaglehawk Neck (North) Grid: G5	Hydrant (Lufra)	<ul style="list-style-type: none"> Waterfall Bay Road Grid Reference: E575700 N5237650 Private 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Pressure fed supply. 			
W 5 Map: Eaglehawk Neck (North) Grid: I3	Water Tank (Pirates Bay Road)	<ul style="list-style-type: none"> 138 Pirates Bay Rd Grid Reference: E576500 N5238800 Private 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump. 2 Tanks – 5000 litres & 2500 litres 			
W 6 Map: Eaglehawk Neck (North) Grid: F7 Map: Eaglehawk Neck (South) Grid: D1	Dam (Albert Street)	<ul style="list-style-type: none"> 12 Albert Street Grid Reference: E575080 N5236540 Private 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump. Next to 17 Lyne Street 			
W 7 Map: Eaglehawk Neck (South) Grid: H6	Dam (Tasmans Arch Rd)	<ul style="list-style-type: none"> Tasmans Arch Rd Grid Reference: E577250 N5234400 Parks & Wildlife Service 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump. 			
W 8 Map: Eaglehawk Neck (North) Grid: H4	Pool & Dam (Dive Centre)	<ul style="list-style-type: none"> 178 Pirates Bay Dr Grid Reference: E576390 N5238300 Private facility 	<ul style="list-style-type: none"> Access: Suitable for 3.1 units. Method: Draught using appliance or portable pump 90,000 litre pool on site 10,000 litre dam on site Also classed as a Vulnerable Group Location & Community Asset 			



Map:
**Eaglehawk Neck
(North)**

Plan: Eaglehawk Neck Area
Issue date: January 2013

Key Bushfire Information	
Local Emergency Broadcaster	ABC 936 AM or 747 AM
Nearby Safer Place	1 - [F6] - Egg Beach (Behind 433 Pirates Bay Drive)
Major Road Access	Arthur Highway
Identified Hazard	Refer to Response Plan 1 - [G5] - Lufra Hotel 2 - [E7] - Blue Seal Cafe
Vulnerable Group Location	1 - [D6] - Eaglehawk Neck Backpackers 5 - [G5] - Lufra Hotel 7 - [H4] - Eaglehawk Neck Dive Centre
Community Asset	1 - [G5] - Lufra Hotel 2 - [F6] - Eaglehawk Neck Historic Site & Community Hall 3 - [E7] - Blue Seal Cafe 6 - [B7] - Oyster Farm 7 - [H4] - Eaglehawk Neck Dive Centre 9 - [F4] - Communications Tower (Hawks Hill)
Bushfire Ready School	Nil Identified by TFS
Water Point	Reticulated Supply: Refer to Response Plan 3 - [F6] - Water Tank (Fire Station) 4 - [G5] - Hydrant (Lufra Hotel) 5 - [I3] - Water Tanks (Pirates Bay Rd) 6 - [F7] - Dam (Lyne St) 8 - [H4] - Pool & Dam (Dive Centre)

Major | Sealed Road

Unsealed Road | Vehicular Track

Power Transmission

Power Station | Sub-Station

Water / Sewer Pumpstation

Ambulance

Police Station

Fire Station

SES Unit

School

Walking/Bike Track

Bridge

Natural Gas Pipeline

Natural Gas Facility

Tower

Hospital

Medical Centre

Creche

Nursing and Aged Care

Hall

02505007501,000

Metres

1 Grid Square = 1km x 1km | 20m Contours

Disclaimer: The following map product has been produced by Emergency Services GIS (ES-GIS) on behalf of the Tasmania Fire Service. While all efforts have been taken to ensure the accuracy of this product, there may be errors or omissions in the data presented. Users are advised to independently verify all data for accuracy and completeness prior to use.

Tasmania

GDA

UTM ZONE 55

FOR OFFICE USE ONLY: 2 (2012) DRAFT



Map:
Eaglehawk Neck
(South)



Plan: Eaglehawk Neck Area
Issue date: January 2013

Key Bushfire Information	
Local Emergency Broadcaster	ABC 936 AM or 747 AM
Nearby Safer Place	2 - [H5] - Tuna Club Car Park
Major Road Access	Arthur Highway Blowhole Road
Identified Hazard	Refer to Response Plan 2 - [C1] - Blue Seal Cafe
Vulnerable Group Location	2 - [N/A] - Waterfall Bay Lookout & Waterfall Bay Walking Trails 3 - [H7] - Devils Kitchen & Walking Trails 4 - [C4] - Hang Gliding Launch Site 6 - [H5] - Tuna Club of Tasmania
Community Asset	3 - [C1] - Blue Seal Cafe 4 - [E5] - Local Shop 5 - [G6] - Doo Town Game Meats (Deer Farm) 8 - [H5] - Tuna Club of Tasmania
Bushfire Ready School	Nil Identified by TFS
Water Point	Reticulated Supply: Refer to Response Plan 1 - [H5] - Hydrant (Blowhole Rd) 2 - [E7] - Dam (Waterfall Bay Rd) 6 - [D2] - Dam (Lyne St) 7 - [H6] - Dam (Tasman's Arch Rd)

Major | Sealed Road

Unsealed Road | Vehicular Track

Power Transmission

Power Station | Sub-Station

Water / Sewer Pumpstation

Ambulance

Police Station

Fire Station

SES Unit

School

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UTM ZONE 55

FOR OFFICE USE ONLY: 2 (2012) DRAFT

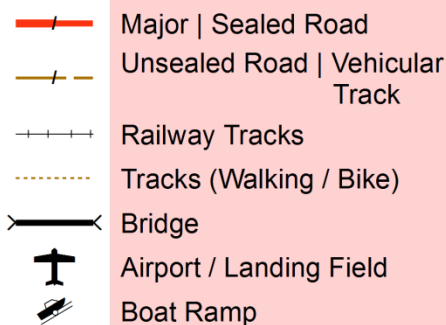
Glossary of Key Terms

Area Map	A map of a community area, covering a geographical extent of 4 km x 4.5 km (2 km x 2.5 km – large scale maps), at a scale of 1:15,000 (1:7,500 – large scale maps).																					
Bushfire Ready Schools (BFRS) <div>S#</div>	Educational facilities that have been assessed by TFS for bushfire safety. Category 1: meets default separation distances; protect in place is an option. Category 2: doesn't meet default separation distances; mitigation work required before protect in place is an option. Category 3: doesn't meet default separation distances; protect in place is not an option.																					
Census Data (ABS Demographics)	Census collection areas <u>do not</u> correspond geographically to community bushfire plan areas. Statistical data presented in the plan relates to a census area, which covers a community plan area. (Refer: Australian Bureau of Statistics Collection Area Maps).																					
Communications (Radio)	Good: Signal strength is generally strong, and coverage is thorough. Patchy: Signal strength fluctuates, and coverage is variable. Poor: Signal strength is generally weak, and coverage is minimal or non-existent.																					
Community	An area in Tasmania where people reside, defined in this context by a geographical extent.																					
Community Asset <div>CA</div>	A feature located in a community area, near the urban interface, and identified by stakeholders and the community as being of high value, and/or importance for community recovery and resilience after a bushfire.																					
Community Bushfire Protection Plan (CPP)	A bushfire plan for community members, to support their personal Bushfire Protection Plans. The focus of the Bushfire Protection Plan is on safety options.																					
Community Bushfire Response Plan (CRP)	A bushfire pan for Incident Management Teams, TFS brigades and emergency management agencies. The Response Plan is designed to assist response, management, planning and recovery.																					
Community Fire Refuge (CFR)	Community fire refuges are buildings that have been identified by the Tasmania Fire Service in partnership with councils and other government agencies that offer basic amenities including temporary shelter, drinking water and toilet facilities. They are for people who leave bushfire affected areas and do not go somewhere else of their own choosing. <i>E.g. homes of friends or family.</i>																					
Community Classification	Residential: Populated areas characterised by low to medium density residential development. Semi-Rural: Populated areas characterised by low density residential development set within the natural bushland or semi-rural environment. Rural: Populated areas characterised by broad-acre allotments, set within natural & rural landscapes. Industrial: Populated areas characterised by industrial-style development.																					
Distance & Travel Times	Distance: Distance (in kilometres) is an approximation of straight-line distance. Travel Time: Travel time (in minutes) is an approximation of the travel time by road, or air (helicopter), and is calculated using speed limits and distances.																					
Fire Behaviour Potential (FBP)	A component of the Bushfire Risk Assessment Model (BRAM v2.0, DPIPWE). Defined as the factors that would affect the development and propagation of a fire. Fire Behaviour Potential is modelled by combining three spatial layers: ◦ Head Fire Intensity ◦ Slope Factor ◦ Fire Flammability (Refer: Parks & Wildlife Service, Regional Fire Management Plans). There are 5 Fire Behaviour Potential categories: ◦ Non-Classified ◦ Low ◦ Moderate ◦ High ◦ Extreme																					
Fire Danger Rating (FDR)	<table><tr><th colspan="2">FIRE DANGER RATING</th><th>RECOMMENDED ACTION</th></tr><tr><td>CATASTROPHIC</td><td>FDR 100+</td><td>Leaving is the ONLY safe option for your survival – regardless of any plan to stay and defend.</td></tr><tr><td>EXTREME</td><td>FDR 75-99</td><td>Leaving is the safest option for your survival.</td></tr><tr><td>SEVERE</td><td>FDR 50-74</td><td>Leaving is the safest option for your survival. Only stay if your home is well prepared and you can actively defend it.</td></tr><tr><td>VERY HIGH</td><td>FDR 25-49</td><td>Only stay if your home is well prepared and you can actively defend it.</td></tr><tr><td>HIGH</td><td>FDR 12-24</td><td>Know where to get more information and monitor the situation for any changes.</td></tr><tr><td>LOW-MODERATE</td><td>FDR 0-11</td><td>Know where to get more information and monitor the situation for any changes.</td></tr></table>	FIRE DANGER RATING		RECOMMENDED ACTION	CATASTROPHIC	FDR 100+	Leaving is the ONLY safe option for your survival – regardless of any plan to stay and defend.	EXTREME	FDR 75-99	Leaving is the safest option for your survival.	SEVERE	FDR 50-74	Leaving is the safest option for your survival. Only stay if your home is well prepared and you can actively defend it.	VERY HIGH	FDR 25-49	Only stay if your home is well prepared and you can actively defend it.	HIGH	FDR 12-24	Know where to get more information and monitor the situation for any changes.	LOW-MODERATE	FDR 0-11	Know where to get more information and monitor the situation for any changes.
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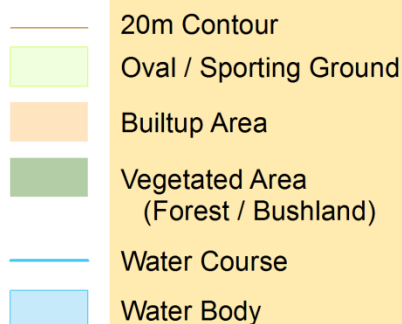
Identified Hazard 	A feature located in a community area, near the urban interface, and that has been identified as potentially causing harm, damage or adverse health effects to people (public or emergency personnel) during a major bushfire. Includes hazardous materials, high voltage electricity etc.																						
Interface Type	Describes the predominant urban interface type within the community area. Type 1: Structures adjoin bushland fuels – clear delineation between built & natural environments. Type 2: Structures scattered within bushland fuels – built & natural environments are blended.																						
Land Tenure	<ul style="list-style-type: none"> ◦ Crown Land ◦ Conservation Area ◦ National Park ◦ Forest Reserve ◦ Private Freehold ◦ Game Reserve ◦ Welling ton Park ◦ State Forest ◦ Nature Reserve ◦ Commonwealth ◦ Local Government ◦ Hydro Electric Crp <i>Sourced from DPIPWE Land Tenure dataset.</i>																						
Land Manager	The organisation responsible for the management of a parcel of land. <i>E.g. Forestry Tasmania.</i> <i>Note: the land manager may not be the land owner. Sourced from DPIPWE Cadastre dataset.</i>																						
Major Road Access	The most suitable (safest/direct) roadway means of access and egress in a community area. <i>Note: some Major Road Access routes may be hazardous in bushfire conditions.</i>																						
Nearby Safer Place (NSP) 	A nearby safer place (NSP) is a place of last resort for people during a major bush fire. It forms part of a Bushfire Survival Plan. A NSP is somewhere close-by that can be reached quickly and safely and gives shelter from radiant heat. Individuals are advised to identify their own NSPs, and TFS may identify NSPs within a community area. <i>Note: NSPs assessed as suitable by TFS meet a minimum Fire Danger Rating (FDR) of Very High 25</i>																						
'Operations Use Only' Area List Columns	Resources Type: an estimate of the minimum resource types (<i>e.g. light, medium, heavy tankers</i>) required to protect the life or property asset. Assignment: the resource types and designations (<i>e.g. Hobart 3.1</i>) assigned to protect a feature. Priority: an assessment of the priority for protection of features, based on fire behaviour, life risk, safety and other considerations.																						
Public Safety Priorities	Localities that have been identified through consultation, as being places where people may gather, or where groups of people may be at risk during a major bushfire. This includes nearby safer places (NSP) and vulnerable group locations (V).																						
Recent Fire History, Mitigation & Planning	Fire/Mitigation: Wildfire or prescribed fire, recorded within the last 5 years, of a continuous size greater than 2 hectares, which may provide some tactical advantage. Emergency & Fire Management Plans: Plans produced by other agencies that may provide essential emergency management information.																						
Reserves & Parks	Major nature and recreation reserves in the area. These may be of high environmental, economic and/or social value, and may need special consideration.																						
Topography (Slope Classes)	Predominant gradients within a community area. <table border="0" style="width: 100%;"> <tr> <td>Flat:</td><td>0 ° – 5 °</td><td>0% – 9%</td><td>0 – 1:11</td></tr> <tr> <td>Gentle:</td><td>5 ° – 10 °</td><td>9% – 17%</td><td>1:11 – 1:6</td></tr> <tr> <td>Moderate:</td><td>10 ° – 15 °</td><td>17% – 27%</td><td>1:6 – 1:3.7</td></tr> <tr> <td>Moderate – Steep:</td><td>15 ° – 20 °</td><td>27% – 36%</td><td>1:3.7 – 1:1.27</td></tr> <tr> <td>Steep:</td><td>> 20 °</td><td>> 36 %</td><td>> 1:1.27</td></tr> </table>			Flat:	0 ° – 5 °	0% – 9%	0 – 1:11	Gentle:	5 ° – 10 °	9% – 17%	1:11 – 1:6	Moderate:	10 ° – 15 °	17% – 27%	1:6 – 1:3.7	Moderate – Steep:	15 ° – 20 °	27% – 36%	1:3.7 – 1:1.27	Steep:	> 20 °	> 36 %	> 1:1.27
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Steep:	> 20 °	> 36 %	> 1:1.27																				
Vulnerable Group Location 	A locality that has been identified, through community consultation, as a place where people may gather, or people may need assistance during a major bushfire. Located within a distance of 100 meters from the urban interface.																						
Vegetation Groups	<i>Vegetation is derived from Tasveg (v2.0, DPIPWE), vegetation community groupings:</i> <ul style="list-style-type: none"> ◦ Agricultural land ◦ Dry eucalypt forest & woodland ◦ Highland treeless vegetation ◦ Moorland, sedge land, rush land & peat land ◦ Native forest & woodland ◦ Scrub, heathland & coastal complexes ◦ Non-eucalypt forest & woodland ◦ Plantation ◦ Rainforest & related scrub ◦ Saltmarsh & wetland ◦ Native grassland ◦ Wet eucalypt forest & woodland 																						
Water Point 	A source of water for firefighting operations, that is accessible and suitable. Includes static supply (<i>E.g. dams</i>) or pressure fed supply (<i>E.g. hydrants</i>). <i>Note: water points identified are perennial supplies (available year-round), unless otherwise stated.</i>																						

Response Map Legend

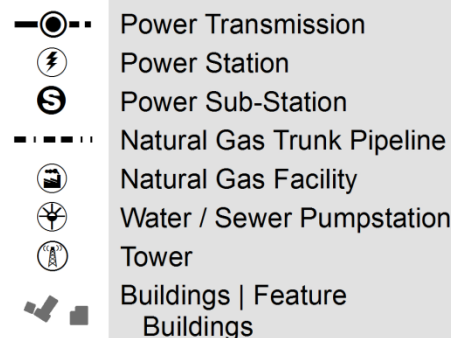
TRANSPORT



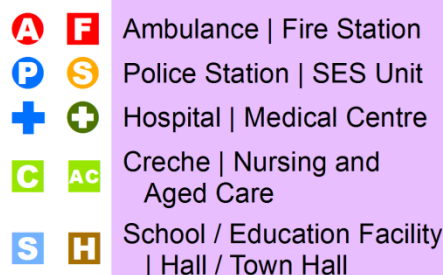
TOPOGRAPHICAL FEATURES



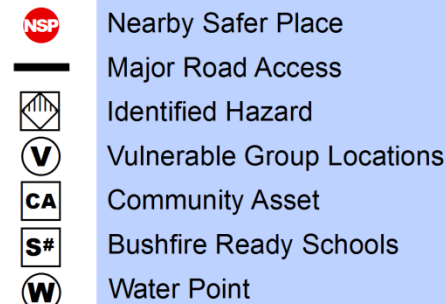
INFRASTRUCTURE



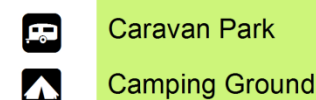
COMMUNITY



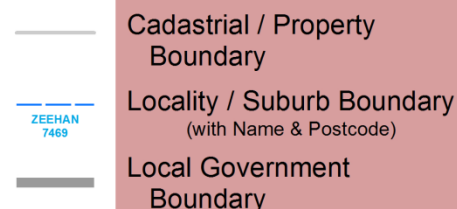
TFS OPERATIONAL FEATURES



RECREATION



ADMINISTRATIVE



Planning Methodology

- The community protection planning framework uses a contextualised emergency risk assessment methodology that is consistent with Australian/New Zealand Standards AS/NZS ISO 3100:2009 *Risk management – Principles and guidelines*, and adheres to the principles set out in the National Emergency Risk Assessment Guidelines (NERAG, 2010).

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- The information herein is current for the date of publication.
- While every effort has been taken to ensure the validity and accuracy of the data presented in this document, the Tasmania Fire Service does not take responsibility for data error or omission.
- Authorised users should satisfy themselves that the data is applicable for the conditions existing on the day it's relied upon.

Acknowledgements

- Data from theLIST (www.thelist.tas.gov.au), © State of Tasmania, and the Tasmanian Parks & Wildlife Service (www.parks.tas.gov.au), © State of Tasmania, has been used to support the Community Protection Planning project. The data used is subject to the terms and conditions stated on the Tasmanian Government Home Page (www.tas.gov.au) in the [disclaimer](#) and [copyright statement](#).
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- The Community Protection Planning project acknowledges the input and data sourced from the following departments & organisations: Aurora Energy, Australian Broadcasting Corporation, Australian Bureau of Statistics, Ben Lomond Water, Cradle Mountain Water, Department of Education, Department of Health & Human Services, Department of Infrastructure Energy & Resources, Department of Primary Industries Parks Water & Environment, Tasmanian Municipal Councils, Forestry Tasmania, Hydro Tasmania, Optus, Origin Energy, State Emergency Service, Southern Water, Tasgas Networks, Tasmania Fire Service Volunteer Brigades, Tasmania Police, TasRail, Telstra, Transend, University of Tasmania, and others.
- The Community Protection Planning project acknowledges the integral contribution that community groups and individual community members have had in the community protection planning process.