

A systematic approach to embedding safety, well-being and risk management when responding to interstate and international deployments

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Environment, Land, Water and Planning





Drivers



International Experience



Strange Landscapes



Different People



Different Practice and Culture



Response – Standard Operating Procedure



1.0 Purpose

This work instruction seeks to support the Standard Operating Procedure – Interstate and International Deployments – Outbourd

Response – Safety System Analysis – Australian Agencies

								5				4	Dynamic risk assessment	4.1	Tools			
						Na		Depar	epartme			-		5.1	Requirements for reporting internally and back to home agency			
						atio	Ð					5	Incident reporting and investigation		Requirements for investigation			
						nal	epa	tme						5.3	Notification of incidents to Regulator (when required).			
					Tasmania Fire Service	Rur	artn	ento	ural			6	Assessing suitability for deployment	6.1	Deployment			
			Sub			al Fi	lent	artment of Water and Natural Resourd Department of Parks and Wildlife - We	Rural Fire Service - New South Wales Department of Water and Natural Resources - Sou	Eiro	less	7	Medical classifications / fit for fire	7.1	Minimum requirements for working in an operational role			
				Tas		National Rural Fire Agency Standards -	of C				d Fitr	,		7.2	Minimum requirements for working in an office based role			
A	Reference:	Cat					Department of Conservation -				h anc			8.1	Standard shift lengths (days)			
Area:	ren	Category:	reference:							2	Healt		Fatigue management		Standard length of deployment (days)			
ľ	ë										Competency, Health and Fitness	8			Shift extension			
															Maximum shift length			
							New Zealand	Western Australia			Com			8.5	Rest days / hours after shift length or deployments			
						New Zealand	eala	rn A				9	Hydration	9.1				
						eal	nd	ust	les South Australia					10.1	Operational role			
						an		ral					Personal Protective Equipment	10.2	Operating a chainsaw			
						8		ia	t :			10		10.3	Operating a piece of plant			
									<u>.</u>					10.4	Rappel crew			
_			11	Procedure										10.5	Other			
				Operational role (working)		-					ſ			11.1	Pre-start inspection			
2 Locequiral 3		Working in isolation		Operational role (supervisory)										11.2	Training, licencing and accreditation			
	1											11	Plant		Offsider (when, how close etc.)			
			1.4	1.4 Other roles on fire line not directly associated with fire suppression							ŧ	11	Fidit		ROPS / FOPS structures			
											Equipment			11.5	Maintenance / servicing requirements			
		Hazardous trees		Assessment / management during burn preparation works							dint			11.6	Systems of work			
	2			2.2 Assessment / management during fire suppression works 2.3 Identification / marking hazardous trees 2.4 Treating / managing hazardous trees. 2.5 Triviting for the standard tree standard trees			4				ы				Pre-start inspection			
	2											12	Vobiolog	12.2	Training, licencing and accreditation			
													Vehicles		Offsider (when, how close etc.)			
														12.4	Systems of work			
				Pre deployment Upon arriving in deployment state / territory											Radio type			
				Pre-shift briefings								13	Radios		Radio operation			
	3			Receiving information on the fire line											Induction			
				Communication / approval process when re-deploying staff or changing roles							ľ	14	Equipment	14.1	Safe operating instructions / safe work procedures / other for the use of equipment			
	_									-								

Response – Risk Analysis

	а	с	D	8	F	6	н	1	1	к	L	М
	terstate Agency request - risk assessment tool											
See SOP 2.7.2 Tenero alice al /Te	ternate deployments - outbound		Completed risk assessments must be for		EMwebmail			Risk Summary				
Requestsumber#	NA	1	SAC saviesandrådwp@saviege RAC raXXX.randrådwp@razvie					Histo	0	Desident 0		
Request date	Thursday, 2 August 2011							OfGeneral	0	0		
Requesting agency	Canada	4	Risk assessment completed by	David Sayor A				Acceptable	0	0		
Description of emergency Location	Significants alonal widtfree Canada	4	State or Regional level Date assessment come-led	Stat 3.6/				LiterContern	0	0	1	
ASSESSMENT DECISION	Request Approved with restrictions	1				•						
Identified Risks		-		Current Risk			Risk treatment Strategy		-	RoldsalRisk		
A DECEMBER A DES		1		Carron Bas								
Catalogue	Berninden	StateResize	In the Mars I account of the	Commence	(hollowed	Convert deb cation	Rick opposite	Active Owner	Commence	1 Bulleton	Estimated Resideal Risk	Comments
Safety & Wellbeing	Example: Requested deployment dates coincide with beginning of planned burning						Targetpersonnel/for deploymentatio arenot				000000000	
care, a record	program. This could cause a shortage of resources in region	Region	Marked and a day fill and a	Major	Feryiligh	Ngi	critical for the planned burn program	RAC	Mace	Net	Acceptable	
	Critical Incident Plan (CIP) in place?	State	Yeshoth national and Victorian	Critical	Low	Aceptica	Additional responsibilities allocated to national and		<u> </u>			
			It is being completed and will be in				field liaisons to maintain currency of systems					
	Safety Standards comparison between agencies exists and is current Drescthe deployment plan include specific safety and wellbeing information to		placeprior to field deployment	Critical	High.	Ngé	comparison s	National Linisons	Critical	Low	Acceptable	
	adequately manage the participating personnel?	State	Yes both national and Victorian	Critical	Low	Acceptable						
		State	FFMVIc and deployment fulgue									
	Faigue management pre, during and postdeployment Medical and filmess requirements exist and are met	Contra Co	management guidelines and plans Pre-requisite for deployment	Critical	Low Very low	Acceptable Little Concern			<u> </u>			
	Provision been made to appoint a Liaison officer into the relevant ICC(s), to ensure	State						l				
	that FFMVic personnel are utilised appropriately, safely and effectively	6-10	National and field liaisons appointed	Major	Low	Acceptable	rolefluidity when on devicyments and sto be		<u> </u>			
		State					role fluid dy when on deploymentneeds to be controlled for - responsibility of field and national					
	Role equivalency exists between the agencies	L	Role assessment has been done	Critical	Medium	Officerers	liaisons to ensure changes in field are appropriate	National Linisons	Oritical	Low	Acceptable	
		State (region					Crew selection has been carefully made to ensure the right mix of experience and skills					
		1	Sending arduous ground crew	1	1		National and field liaisons appointed to monitor					
	The state of the s	1	comes with increased exposure risk				safety and wellbeing issues.	State (Regional /national				
	FFMVic have the appropriate skills, expertise or resource capacity, or these can be developed in time	1	Additional risks in canada because of scale of geography and events	Critical	High	Net	Arduous task forcestructure planned to allow for strong leadership across small groups	Salaons / field Salaons / field leadership / all crew	Other	Low	Accession	
		State	Striefing process is planned									
	Adequate provision been made to ensure participating staff are effectively briefed,		througout the national deployment plan - need to ensure that relevant and				Additional responsibilities allocated to national and					
	A dequate provision been made to ensure participating staff are effectively briefled, inducted and trained in the relevant work practices to maintain safety standards before		plan - need to ensure that relevant and detailed briefings happen as specific				Additional responsibilities atocated to national and field liaisons and field leadership to maintain	National Linksons (Yield				
	commencing deployment		tasking in the field	Critical	Medium	OfContern	oversighton adequacy of briefings	leadership /all crew	Critical	Low	Acceptable	
	Resources willing to deploy to potentially unfamiliar situations	State (region	Confirmed through the activation and 501 Process	Martin and	Verview	Life Concern						
	construction from g at a provide any an impact of all the		and a difference		- ay are	Carry Concerns	l					
Financial	Financial cost recovery is agreed in advance	State	Costreasvery confirmed	Moderate	Low	Life Concern		State (FEOD business				
	Cost recovery model balances costs against benefits at the individual and organizational levels	State	Cost analysis to be completed	Major	High	Officerer	Awakeuteene of costracevery perperson to feed costroodeling to uses the cost/benefit ratio	State/FFOD business management	Mijor	Low	Acceptable	
		State	Balanced against benefits of crew									
	Have 'other' expenses been considered effectively e.g. those associated with Logistics' Any additional director indirect costs to the business through releasing staff to the	Region	experienced Balanced againsthemetiks of crew	Major	Medium	Acceptable			L			
	deployment(eg. cubourcing work or backfiling)	Segues	experiment	Moderate	Medium	Acceptable						
		State	Wihin the bounds of SOI process consideration for gender, agency, and									
People & Culture			experiential development was		1							
	Personnel selection process for deploymentis fair and equitable		considered	Maor	Medium	Life Concern						
	Consequences for individual resources targeted for deploymenting, faigue managementincluding leave accrual (TSRL), forward planning for availability for	Region	Considered through the regional confirmation and prioritisation									
	FFMVic controlled activity, business continuity?		process	Moderate	Medium	Acceptable						
		State	Cascading down from state to region									
	Are staff being communicated with effectively (both participants and those who miss out?)	1	and through the NRSC process once crows are formed up at staging area	Marca	Mating	Life Concern						
			and a second space of a suggest a second									
Political Reportational	Reputational and political risks and benefits at the state, ministerial and departmental / partner agency levels are considered (e.g. helping out another agency during a	State	Generate a lot of good will including resiprocal benefits if we require	1	1							
	declared natural disaster can generate a large amount of good will)		additional crew in our summer season.	Moderate	Medium	Aceptità						
	Have all participants agreed to the standards of conduct for the deployment?	State	Yes	Moderate	Low	Life Concern						
	Are the correctlegal arrangements and insurances are in place to enable the	State	being reviewed to ensure correctlevel				legal advice to ensure that arrangements are up to					
Legal	deployment.	_	of arrangement	Major	High	Officerers	south	State (Legal	Mijor	Low	Acceptable	
	Is there any impact on standard departmental insurances that need to be considered? Here EXACLE in this has been extended for each strength to the terms of the depletement of	State .	In place Needs to be sourced	Major Orifod	Low Very high	Aceptità	Ensure arrangements in place	State / Logal	A Advert	Low	Annald	
	Has FFMV is and/or the Department formally agreed to the terms of the deployment?	2.68	cremed to be serviced.	N. 1 (1994)	- my nigh	Ngé	constraint and the ground an place	codi i Ligal	-sapir	100	Augusta	
Service & Program Delivery		Region	Considered through the regional		1					1		
Service & Program Delivery Business as Conal	Deployment does not compromise FFMV/c agencies' and departmental business-as-	Region.	confirmation and prioritisation	Maior	Medium	Aurentie						
	Deployment does not compromise FFMV is again sin' and department dousiness- used adarbies to be delivered, particularly if May to be a prototated event for each person consider the important human more acuted project and program	Region Region	confirmation and prioritisation process	Major	Midium	Acopachie						
	Displayment does not compromine PPMV's agen disk and department all business- um a definite to be definered, particularly if it day to be a promand event. For each process consider the impact on business are usual projectated programs work. It of the realizations containing the implant plan is plant than the projector programs to		confirmation and prioritisation process Considered through the regional	Méor	Medium	Acapathis						
	Deployment does not compromise FFMV is again sin' and department dousiness- used adarbies to be delivered, particularly if May to be a prototated event for each person consider the important human more acuted project and program		confirmation and prioritisation process	Major Moderate	Medium Medium	Acapaté Acapaté						
	Dop key most down tector expression FFMV is again dari and dopartion tail basis non-an- anal and then to be defined a particularly of this for the top protocold event protocold protocol tector and and the top basis of the top protocold event works. It protocols are an advantage to be a particular to the proposed of the sector of the top protocol tector and the top protocol tector of the sector of the top protocol tector of the deployment of the output to the participant for the duration of the deployment of		confirmation and prioritisation process Considered through the regional confirmation and prioritisation process Considered through the state	Møjor Moderate	Madium Madium	Acceptable Acceptable						
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Business as Cocal Service & Program Delivery Emergency management	Doploy mantifiem to characterize results FMV is again due' and dopartitestal back new as- send activities to be delivered, particularly of their to be approximated event. For each particle strends of the impacts its businesses are used propiled all programs were first that a strends of the impacts its businesses are used propiled all programs to prove the first and used on the deploy strend Wile without registering the parality particle methods are used by inserved the advance of the advance of the deployment. The deployment Wile will be advanced by a parality particle method residence of the deployment of the advanced by the deployment deployment. The deployment of the deployment of the Advanced back of the deployment of the deployment of the deployment and the deployment deployment of the deployment of the deployment deployment response and the terminagement advised to graphic of MMV the properties for a strengt method provides and the terminagement advised for gamma in grant of the strengt and provides and the terminagement advised of Cover. Dipologyment down accomprovides are adding to a ddaw or a operation after parameter provides and the down and provides are adding to a ddaw or a operation after parameter of the Viscovic ployment down accomprovides are adding to Cover.	Region State Region	on threaders and prioritization process. Considered through the regional and formation and prioritization process. Considered through the state conformation and prioritization process. Considered through the state conformation and prioritization process.	Major Moderate Major Major	Matium Matium Matium Low	Anapada Anapada Anapada Anapada						

Hazards - Driving



Hazards - Driving

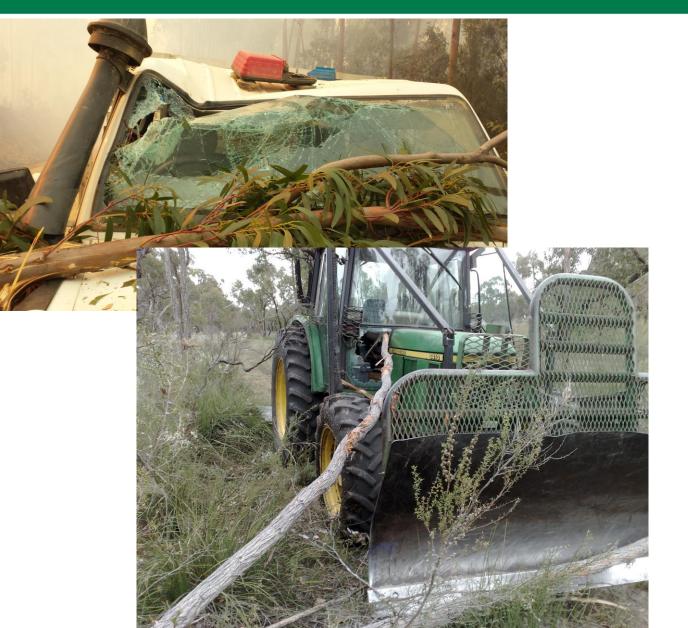


Hazards – Tree Risks





Hazards – Tree Risks





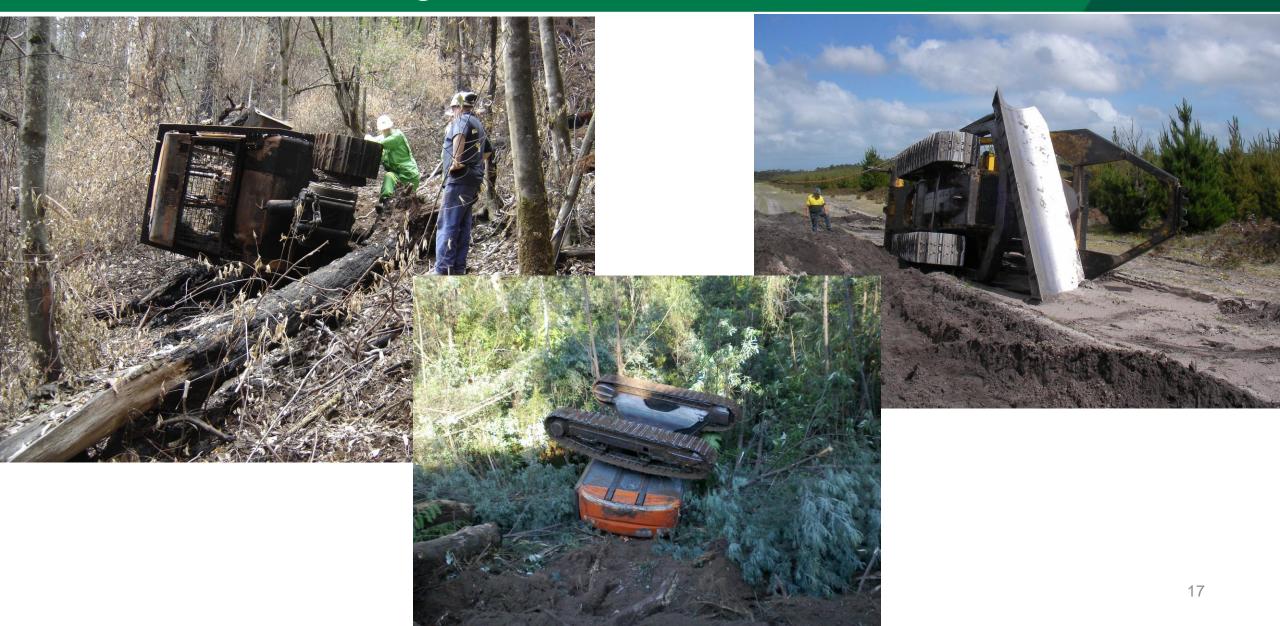
Hazards - Working in isolation



Hazards – Working with Plant



Hazards – Working with Plant



Hazards – Working with Plant



Hazards - Fatigue



Hazards - Psychological wellbeing



Response – Safety Planning, Briefings and Training

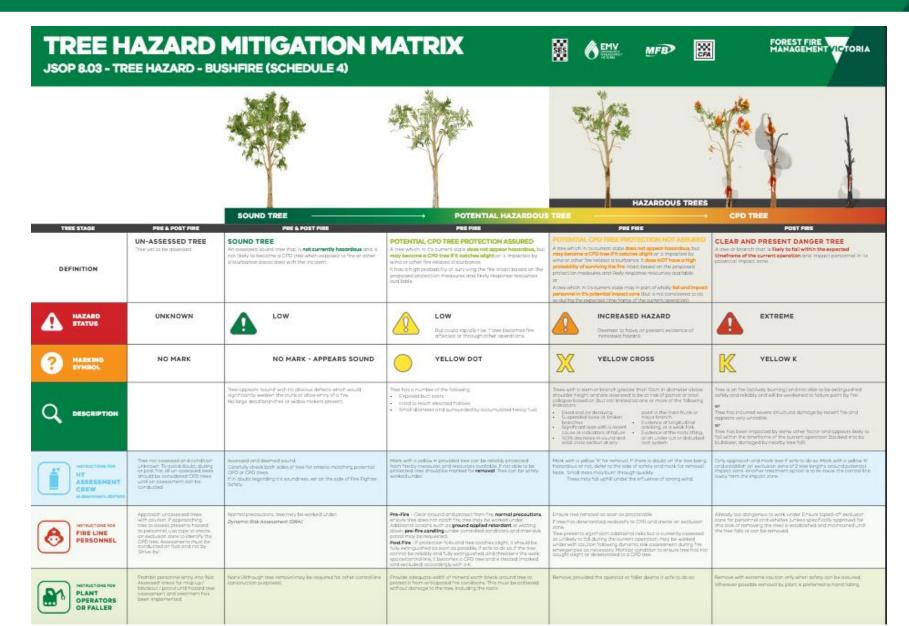




Future inclusions – Working with Aircraft



Future work – AFAC Tree Hazard National Guidelines



Thank You

