

Tasmanian Exercise Framework

EXERCISE PROPOSAL

Exercise Transfundo



Tasmania Fire Service



PROPOSAL SUMMARY

Title of Exercise Proposal

Exercise Transfundo

Lead Agency / Capability

Tasmania Fire Service / Operational Response

Sponsor

Tasmania Fire Service

Executive Summary

The exercise will explore TFS response to a fuel spill and bund fire at a bulk fuel storage and distribution facility at the Self's Point Precinct. The exercise will involve a field exercise involving Tasmania Fire Service and Self's Point Precinct Stakeholders. Tasmania Police response will be notional

The exercise will explore response capabilities, capacity and interdependencies with precinct stakeholders.

The field exercise will practice the real time operations and command relationships between the Tasmania Fire Service and Self's Point Stakeholders. Tasmania Fire Service and Industry specific Stakeholders will be invited to have an observer/adviser present during the exercise. The functional exercise will also test the application of the Self's Point Emergency Response Plan.

Costings

Cost for 2013FY	\$10000.00
Core funding <i>(it is intended that funding be provided by agency)</i>	Yes
External impact	This exercise will have minimal external impact. Fuel distribution activities will be scheduled around the exercise to ensure no disruptions to deliveries of fuel to retailers. Operational capability will be maintained as extra operational staff will be rostered on to maintain response capability

PROPOSAL CONTACT AND ATTACHMENTS

Contact Officer

Name	Richard Onn	
Agency	TFS	
Position	Station Officer	
Phone Number	Work: 123456	Mobile:
Email Address		

Attachments

Nil Attachments

SECTION I – IDENTIFICATION OF THE CAPABILITY GAP

1.1 – New Exercise or an enhancement to a previously agreed activity?

This Exercise is a new project

1.2 – Related Projects and/or Previously Agreed Activity/ies (if applicable)

Tasmanian State Emergency Management Committee Strategic Directions Framework
 Self's Point Emergency Response Plan
 Caltex Hobart Terminal Self's Point Response Plan
 Origin Energy Hobart LPG Terminal Emergency Response Plan.

1.3 – Exercise Need / Capability Gap

The proposed exercise aims to identify current capability gaps and limitations in the response to a fuel spill and bund fire on the Self's Point fuel storage and distribution precinct.

There is currently limited understanding of the effectiveness of current response plans in response to a significant complex incident involving a fuel leak and subsequent bund fire. This capability gap requires urgent exploration, identification of options and treatment through a field exercise to achieve understanding of the complex nature of a potential incident in such an environment.

New data has been supplied by Caltex on heat radiation modelling on bund fires at the facility. The exercise will establish if response procedures are currently consistent with the modelling data.

1.4 – Gap Analysis

The likelihood of the scenario proposed is assessed as possible and the consequence of such an incident would be catastrophic for Tasmania. Extensive damage to fuel distribution assets would expose a significant number of vulnerabilities in Tasmania's ability to maintain adequate fuel supplies for the community. These proposed activities will provide the opportunity to address capability and capacity issues around personnel training and the Self's Point Emergency Response Plan.

The exploration of capability gaps and limitations will provide a challenging and realistic background to practice command, control, coordination and communication between Tasmania Fire Service and precinct stakeholders. This will assist in the identification of appropriate mitigation strategies or treatment options to support current emergency response arrangements.

Likelihood:	Possible
Consequence:	Moderate
Risk Rating:	Significant

1.5 – Expected Outcomes

Through the exploration of capability gaps, capacity limitations and interdependencies in response activities a number of targeted treatment options will be developed to enhance response arrangements. It is anticipated any lessons learned and treatment options identified as relevant to multi-agency interdependencies will be provided through appropriate reporting mechanisms.

Likelihood:	Possible
Consequence:	Minor
Residual Risk Rating:	Low

SECTION 2 – EXERCISE PLAN

2.1 – Exercise Aim

To practice the response of the Tasmania Fire Service (TFS) and Stakeholders in a simulated, terrorism initiated bulk fuel spill and fire at Self's Point Fuel Distribution Terminal.

2.2 – Exercise Objectives

The objectives for this exercise are:-

1. To assess the effectiveness of the, *Caltex Hobart Terminal Self's Point Response Plan*.
2. To practice and assess the response of TFS to a large flammable liquid fuel leak and fire.
3. Practice the mobilisation and demobilisation of the TFS Portable On-Demand Foam System (PODS) from Cambridge.
4. Practice initial response arrangements at a significant incident, and management of the incident pending the arrival of a TFS District Officer.

2.3 – Exercise Scope

Transfundo will include participation from Tasmania Fire Service (TFS), Caltex and Stakeholders occupying the Self's Point precinct. This exercise will aim to practice and assess TFS response to a fuel spill and subsequent bund fire. The exercise will be tailored to address specific agency needs relating to response capability. It will allow concentration on priority areas relating to overall deployment of resources and the operational process of dealing with the situation. Response by other partner agencies in support of the incident will be notional and out of scope of this exercise.

2.4 – Exercise Style

Field – the exercise will require a response to the site of a simulated fuel spill and fire. The fire will be notional.

2.5 – Governance

Party <i>(Person, position or group)</i>	Governance Role	Point of Contact
TFS Chief Officer	Exercise Sponsor	Phone. 12345
District Officer Planning and Capability	Exercise Director	Phone. 12345
District Officer Hobart Operations / HAZMAT working group	Exercise Steering Committee / Planning Team	Phone. 12345

2.6 – Exercise Participation

Tasmania Fire Service Hobart Fire Brigade
Caltex Australia Representatives
Origin Energy Representatives

2.7 – Other Stakeholders

Nil

2.8 – Exercise Location

Caltex Hobart Terminal Self's Point

2.9 – Exercise Schedule

Proposed Exercise Dates:

Key Exercise Milestones:

Planning Phase Commence: 21st Jan 2013

Conduct Phase Commence: 30th May 2013

Post-Exercise / Evaluation Stage completion: 29th June 2013

2.10 – Resources

Training (completed by December 2012)
HFB foam firefighting refresher training

Physical Resources (HFB)

3 x heavy pumper appliances with crews
1 x Aerial Appliance with crew
1 x TFS deployable foam pod
Recall crews to backfill station manning
2 x spare heavy pumper appliances for backfill

2.11 – Exercise Risk Management

Personnel managing the exercise will be responsible for reducing risks to acceptable levels and deciding what resources will be allocated to manage risks. A Risk Management Plan for the exercise will be drafted by the Logistics Sub-Committee. **NB:** The Risk Management Plan will be compliant with the Australian Standard for Risk Management 4360 and ISO 31000.

This exercise will be conducted on the Caltex Hobart site at Self's Point. Specific sites will be assessed classed as suitable for use of training foam pending EPA approval. Caltex will supply an industry safety expert to act as site safety officer and risks will be mitigated by all participants being provided with suitable personal protective equipment. TFS will provide a Chief Safety Officer to oversee all safety aspects of exercise activity

2.12 – Breakdown of Budget - 2012-13FY

Item	Details	Budget Estimate (ex-GST)
Planning		
Meeting (venue, catering, resources)	Planning meeting conducted @ TFS SHQ, catering	\$500
Logistics/ consumables	Contingency requirement	\$500
Conduct		
Logistics (venue, catering, resources)	Caltex Self's Point catering	\$200
	Exercise tabards	\$300
	Security fencing hire	\$500
	Marque Hire	\$200
EXCON (venue/s, catering, resources)	Caltex Meeting room Self's Point	
Role players (travel / transport etc.)		\$500
Consumables	Training Foam	\$1500
Overtime		\$5000
Other		
Post-Exercise / Evaluation		
Meeting (venue, catering, resources)	TFS SHQ meeting	
	Total:	\$9200

2.13 – Workplace Health & Safety

Exercise activities to be conducted in a suitable training environment and in accordance with WHS legislation. Caltex will be supplying at Chief Safety Advisor to provide site specific guidance and supervision

SECTION 3 – EVALUATION & REPORTING

3.1 – Evaluation Strategy

All exercise activities will be subjected to evaluation using the Tasmanian Exercise Framework Evaluation Methodology. The evaluation will be conducted using TFS evaluators. The Evaluation Sub-Committee will be responsible for the planning, conduct and reporting of all evaluations.

At the completion of the exercise activities, an 'exercise report' will be drafted that will include a summary of any key issues/gaps/insights identified during the exercise. The report will go through a validation/resolution process both at an agency level. The final report will be submitted to the exercise Director and the TFS representative on the Interagency Exercise Coordination Group for consideration.

Follow-up action will be taken as appropriate in line with the Tasmanian Exercise Framework's Evaluation Findings Resolution Process.

3.2 – Reporting Schedule

HFB foam refresher training completed by:	December 2012
Planning Phase Commence:	21 st Jan 2013
Initial Planning meeting:	21 st Jan 2013
Mid Planning Meeting:	15 th March 2015
Final Planning meeting:	15 th April 2013
Exercise document final sign-off:	30 th April 2013
Conduct Phase Commence:	30 th May 2013
Formal Exercise Debrief:	30 th May 2013
Post-Exercise / Evaluation Stage completion:	29 th June 2013
Evaluators reports to Lead evaluator by:	15 th June 2013
Final Exercise Report:	29 th June 2013