

# NORTHERN BEACHES RURAL FIRE DISTRICT

## CATEGORY 1 APPLIANCE STANDARDISATION PROPOSAL PART 1



### Recommendation

That the brigades of the Northern Beaches Rural Fire District adopt the proposed tanker standardisation and Category 1 appliances in the Northern Beaches District be converted to the proposed standard equipment and configuration.

### Overview

The Northern Beaches Rural Fire District comprises thirteen Category 1 tankers which are the mainstay of the district's frontline fleet.

These Category 1 tankers are distributed across 10 brigades with each brigade adapting and varying vehicle configurations, equipment carried and stowage method, resulting in all thirteen appliances differing in equipment carried with inconstant storage locations.

The goal of the Northern Beaches Tanker Standardisation project is to deliver a standardised equipment list and configuration so all Category 1 tankers in the Northern Beaches District become uniform. Consideration has been given to slight variations of models.

### Process

The Tanker Standardisation Committee was formed in 2017 to achieve uniform formatting of Category 1 firefighting appliances in the Northern Beaches District. The committee comprises representatives from brigades possessing Category 1 appliances.

Through multiple meetings and practical workshops, the committee reviewed current equipment carried across vehicles and best practices employed by brigades for equipment stowage.

The outcomes of the equipment review were the streamlining of equipment carried to remove redundant equipment and the upgrade of equipment to meet best practice. Additionally, the deployment of best practice for the storage of equipment based on the evaluation of what brigades had employed.

During the configuration process, risk analyses were conducted to identify issues with current and proposed configurations with the result being that the proposed format mitigates risks to firefighters during operations, particularly when working on roads.

Belrose 1 Alpha was selected as the prototype vehicle for the deployment of version 1 of the Northern Beaches' tanker standardisation project.

## Consideration

Consideration has been given to the desire and requirements of brigades to carry specific equipment based on the nature of the primary work they undertake.

To this end, the driver's side middle locker (lower and middle shelves) has been dedicated for the storage of brigade specific equipment.

## Deployment

The standardisation of all Category 1 appliances is to be undertaken by the Northern Beaches Fleet Support Officer.

The supply and maintenance of the equipment determined by this tanker standardisation document is to be supplied by the Northern Beaches Rural Fire District.

## Ongoing management

The configuration will be reviewed after 12 months and amendments made as necessary. As newer vehicle models are introduced, the standard will be updated, e.g. to account for additional lockers.

The maintenance of configured vehicles as per the outlined standard configuration will be monitored by brigade management to ensure that no variations in equipment or storage occur.

## Review of equipment and configuration

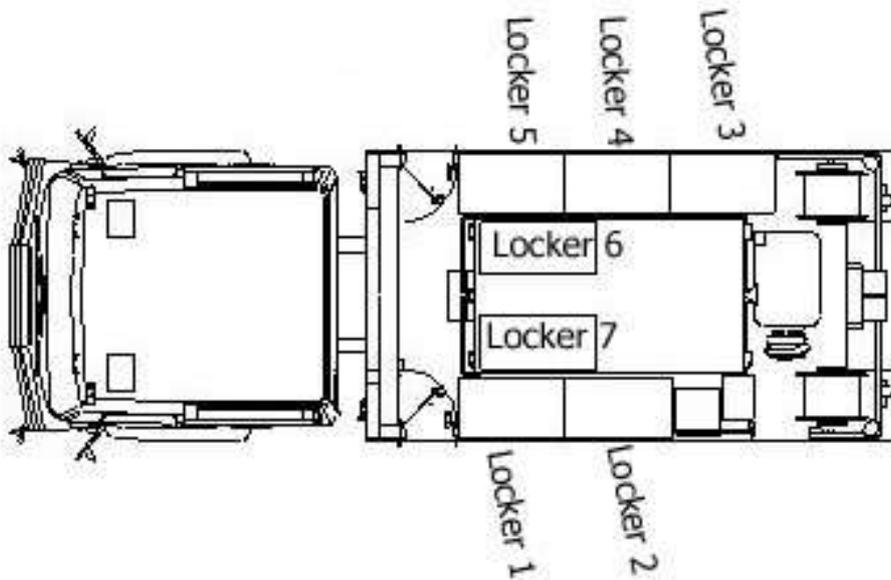
### Equipment

- Uncontrolled breaches removed and replaced with controlled breaches
- One small portable pump has been allocated to each Category 1 tanker
- Aluminium box for storage added to Category 1 appliances (passenger rear)
  
- Canvas seat covers and floor mats
- Canvas storage pouch for storage of documents by OIC seat  Tait (red GRN/UHF) radios (already fitted)
  
- Custom half shelf for better hose storage in hose locker
- Custom shadow board for storage of Storz fittings
- 38mm variable flow rate branches upgraded to TFT brand
- Equipment listing secured inside locker doors

### Configuration

- All "first attack" items have been relocated to kerbside lockers
- CABA equipment has been relocated to rear driver's side locker
- First Aid and welfare gear has been relocated to centre driver's side locker
  
- Fireground radio charging mount installed on centre console
- USB charging ports installed in centre console

## Locker numbering and position



### Locker 1 (kerbside front)

#### Top shelf

Item	Qty
70mm suction line float with chain & clip	1
38mm suction line float with chain & clip	1
25mm stay dry hose – 2m	2
Funnel	1
25mm fog branch	1
38mm stay dry hose – 2m	2
25mm Dial-A-Jet	2
8mm foam branch	1
Foam branch (TFT Brand)	1

#### Bottom shelf

Item	Qty
38mm AWG	2
38mm variable flow branch	2
38mm fog branch	1
38/38mm controlled breach	2
38/25mm controlled breach	1
Storz keys	4
25mm in-line valve	4
Hydrant bar	2
72/65mm reducer	1
65/52mm reducer	1



65/38mm reducer	2
52/38mm reducer	1
38/25mm reducer	4
65/65mm M/MF adapter	1
38/38mm M/MF adapter	1
25/25mm M/MF adapter	1

**Locker 2 (kerbside rear) Upper shelf**

Item	Qty
25mm percolating hose 15m	1
65mm filler hose – 5m	1

**Middle shelf**

Item	Qty
38mm percolating hose	6

**Lower shelf**

Item	Qty
65mm percolating hose	3
65/65mm controlled breach	1

