

# Infralog

CFS Infrastructure and Logistics Update: **May - June 2011**



Hi Everyone,

The end of the financial year is a critical time for I&L as we need to ensure the capital budget is fully spent or risk losing any unspent funds. Fortunately everything is on track at this stage which is a great relief given the challenging financial year that we have faced.

Since the last Infralog the focus has been on appliances with the awarding of the body-build contract for next financial year and on dealing with some issues that needed to be dealt with in the current contract. More information follows.

I am about to commence two weeks leave and will return to work in early July. All being well the next edition of Infralog will be published in late July.

The I&L Team hope you find this edition informative, read on.....

Regards,

Arthur Tindall AFSM

CFS Manager Infrastructure and Logistics, (MIL)

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Since the last Infralog:

## **VEHICLES AND EQUIPMENT, (V&E)**

(V&E Team currently comprises Sandy Paterson, (Manager), Andrew Plush, Wayne Box and Phil Luxford. Wayne Byrne manages Leased vehicles and Command and Logistics vehicles and reports to MIL)

### **Recent Deliveries**

No new or refurbished appliances have been delivered since the last Infralog

### **11-12 New Appliance Program**

Tenders have now been finalised for the 2011 - 2011 financial year appliance build. The contracts have been awarded as follows:

- One Mid Urban Pumper - Fraser Fire & Rescue
- Three 34P's (To be confirmed)
- Seventeen 34's - Fraser Fire & Rescue
- Four 14's - Moore Engineering
- Three Quick Response Vehicles - Bell Environmental
- Two Bulk Water Carriers - Moore Engineering
- One dedicated Rescue Appliance - Bell Environmental

Several of these vehicles will be procured by leveraging off other agency contracts where we can gain the benefits of economy of scale and on procurement process costs.

One of the tender process outcomes that may raise concerns is the awarding of the 34 contract to Fraser Fire and Rescue of Wellington New Zealand. Frasers have previously done work for MFS, (including the new Port Lincoln aerial appliance), for the ACT ESA and have ongoing contracts with the NZ Fire Service.

The tender evaluation team were acutely aware of the angst that sending work "overseas" to the detriment of local suppliers may cause but the reality is that CFS is a government body that is bound to comply with the federally mandated free trade and other like agreements that now exist between Australia and New Zealand. The objective of these agreements is to create and maintain a single ANZ government procurement market that maximises opportunities for competitive tendering and reduces the costs of doing business by ensuring

the absence of inter-state and trans-Tasman preference schemes and other forms of discrimination.

As part of the tender evaluation process the evaluation team applied a per appliance "Travel Levy" to reflect the actual cost of doing business with interstate or NZ based companies. Even with this levy applied Frasers were the clear winners. (The levy applied per appliance in this instance was zero for SA suppliers, \$500 for Victorian suppliers, \$1000 for NSW and Qld suppliers and \$2000 for NZ suppliers.) Fraser's tendered price covered all transportation costs and was fixed in Australian dollars.

The above provides an indication of what effect the strength of the Australian dollar combined with federally mandated free trade arrangements is having on procurement and is something that will continue whilst the dollar remains strong against other currencies.

### **SEM Fire and Rescue, 2010 – 2011 34 and 34P Build Program.**

During the build process and as a result of an issue being identified with pump performance it was discovered that the fan belt could not be replaced on the pump motor due to the pump being located too close to the tank. This belt replacement is something that needs to be undertaken around once every five years. We have been working through this issue with SEM who have now developed an access cover to allow for the belt to be changed whilst the motor and tank are in situ. The final solution has been approved by Hatz the engine manufacturer as being acceptable to them. CFS declined to accept any of the completed appliances until this issue was resolved to our satisfaction.

Whilst this issue was in the process of being resolved SEM took the action of locking their employees out of work. It is our understanding that this action was undertaken because of cash flow issues. At no time was an administrator appointed to SEM and their employees returned to work three working days after the lock-out occurred with all employee entitlements being covered in full at that time.

The SAFECOM Contract Manager and I, (MIL), held discussions with SEM immediately after this event. At this point of time the project is getting back on track and we are continuing to closely monitor progress. Further updates will be provided in future editions of Infralog should anything change.

### **Purchase of Additional Equipment.**

As a result of the quiet fire season the Chief Officer has allocated additional funding to allow for the purchase of some much needed equipment. The list of equipment that is being purchased as a result of this allocation is:

- Eight complete Lukas hydraulic road accident rescue kits.
- Five Lukas cutters.
- Six Bauer Mini Verticus III breathing air compressors.
- One Bauer 320D breathing air compressor
- Three generators for GCC's.
- Four Argus Thermal Imaging Cameras

Allocation of the equipment will be finalised in early July following consultation through the chain of command.

### **Command and Logistics Vehicles**

CFS has taken possession of the thirty-six Mitsubishi Pajeros it purchased using the initial allocation of government funding that was provided to allow CFS to own and operate its Command and Logistic vehicle fleet. They are now in the process of being fitted out.

A tender will soon be called for the supply of the balance of the required Command Cars and for Logistics vehicles. Funding of \$2.216 million has been provided in the 2011–2012 financial year for this purpose.

### State Vehicle and Equipment Committee

The Regional delegates, and their contact details, for the State Volunteer Vehicle and Equipment Committee are as follows:

Region	Name	Phone
1	Peter Bonython	0407 926734
2	Andrew Hogg	0428 825117
3	Peter Wilkinson	0418 691006
4	Andy Thomas	0409 934011
5	Graham Lamond	0408 840307
6	Rob Maddern (Chair)	0428 876026

The meeting scheduled for May 28 was cancelled due to a lack of agenda items and has been rescheduled to later this month. Approximately two thirds of CFS's capital budget is spent on vehicles and equipment so your input and advice on what we should spend it on and identification of any issues associated with existing vehicles and equipment is critical if we are to keep improving and learning from past experience. You have an opportunity to have your say – please use it by contacting your Regional representative and letting them know of any items or issues you want discussed or improvements made.

### BUILDINGS & FIXED ASSET MANAGEMENT

*(CFS Building and Construction Team – Manager - Colin Warner, (SAFECOM), Roger Weal and Sam Quigley. Assets - Project Manager Asset Services – Paul Sargent, (SAFECOM))*

### Retirement of Roger Weal

Team member Roger Weal has announced his retirement from CFS effective 15<sup>th</sup> July. As a result of a recent health scare Roger took the time to re-evaluate his priorities and decided to retire several years earlier than first planned. In his eleven years with CFS Roger has done an excellent job and will be sorely missed especially given the tumultuous times we are just emerging from in the building and construction area. Please take this opportunity along with the I&L team to wish Roger all the best in his retirement.

(An article appears on page eight of the June 2011 issue of Volunteer)

## Region 1

**Blackwood** – New appliance bay. Construction works are progressing well and should be completed by the end of June, 2011.

**Blewitt Springs** – Amendments have been made to the draft and returned to the Onkaparinga Council for final approval.

**Coromandel Valley** – No further progress at this stage in relation to issues raised by Telstra legal representative in relation to insurance and limited liability

**Delamere** – The Development Assessment Commission has provided approval for the subdivision and the matter has been forwarded to the Crown Solicitor to complete settlement.

**Eden Hills** – Internal plans for proposed operations area have been prepared for discussion with region and brigade.

**KI Appliance storage shed** – Land rededication continuing with DENR for a portion of the proposed land. Planning application lodged with Planning SA seeking development approval for a large appliance storage shed.

**Lower Inman Valley** – Planning approval for single bay addition to existing station now obtained. Seeking final quote for works. Undertaking the sealing of area from carriage way to edge of title boundary (condition imposed on planning approval).

**Meadows** – Planning approval now obtained. Plans being assessed by building surveyor for compliance against building rules

**Montacute** – Ongoing investigation into possible sites to locate station. Options limited.

**Mylor** – Brigade building addition to the Station. Council's approval as owner has been received.

**Nairne** – Council has notified of their concerns in relation to the brigades use of land behind the park. Matter has been investigated and a response put to Council seeking further direction on how CFS needs to progress any required changes. No response from Council at this stage.

**Parndana** – Generator now delivered to KI, local electrician to install. Planning approval yet to be received for toilet structure and small storage shed. Purchase order issued for storage shed, seeking quotes from local installers.

**Piccadilly** – Report to be prepared for the Adelaide Hills Council seeking approval for long term tenure over portion of the Atkinson Avenue Reserve. Council have indicated supports but some early concerns have been raised by the Tennis and Netball Clubs to potential loss of land. Full consultation with community groups will be required.

**Range Hope Forest** – Plumber to commence final works (septic installation) shortly. Fit out and construction of new room complete in full.

**Stirling** – Development plans for new appliance bays have been lodged for approval. Tender plans have been prepared.

**Western Districts** – No further progress at this time.

## Region 2

**Balaklava** – Project complete. Defect maintenance period has commenced and construction manager is attending to defects.

**Balgowan** – Purchase order issued for the supply, delivery, installation and concrete works for a standard option 2 design building (appliance bay, meeting room and amenities). Works will commence early in the new financial year. Quotes being sought for the internal fit out.

**Brentwood** – Contractor has received approval for the installation of septic system from council with installation to occur immediately. Electrician has connected unit to power.

**Concordia** – Still waiting on the Barossa Council to return the Licence document. Follow up request has been sent.

**Corny Point** – Contractor has received approval for the installation of septic system from council with installation to occur immediately. Local contractor being arranged for power connection.

**Cunliffe** – Toilet unit has been delivered to site and installation of septic has been completed. Local contract being arranged for power connection.

**Gawler River** – Meeting held on site with the Council to discuss proposed boundaries. A draft plan has been forwarded to Crown Lands for approval and for the survey to be undertaken.

**Hamley Bridge** – Project complete. Defect maintenance period has commenced and construction manager is attending to defects.

**Lyndoch** – The tenders for the construction of a new station have been received and are under consideration.

**Maitland** – Combined project with SES of a large toilet facility. Unit has been ordered. Quote for connection of the toilet unit to STED being sought. Site plan being developed for sign off.

**Marrabel** – Purchase order issued for the supply, delivery, installation and concrete works for a standard option 1 design building (1 command car bay, 1 appliance bay, meeting room and amenities). Works to commence early in the new financial year. Quote being sought for the internal fit out.

**Mt Torrens** – New Station. Design has been reviewed; new plans have been prepared and signed off by stakeholders. Lease to be finalised with owner once planning approval obtained.

**Region 2** – A meeting to be held at proposed site with Council representatives in late June.

**Sheoak Log** – Offer put to owner in writing regarding annual contribution payment. Offer of annual contribution payment was accepted by owner and the matter has now been finalised.

**Tea Tree Gully** – Planning application being lodged for placement of a shipping container along side existing building.

### Region 3

**Coonalpyn** – The Coorong Council has recorded it will no longer purchase the land from the Crown and has sought to seek a meeting with local MP's to discuss the potential of the CFS progressing the matter with Crown Lands. There are a number of matters that need to be investigated, including zoning, which may prevent a quick resolution. Further advice is being sought from Crown Lands to determine if a dedication of the land to the Minister would be accepted.

**Palmer** – Planning and leasing arrangements being progressed.

**Salt Creek** – CFS is progressing required maintenance work and will seek reimbursement from SAAS once work has been completed. The owner of abutting land has been contacted re lease over his driveway and has advised he is happy for the agency to use his road free of charge – matter to be followed up to discuss lease terms and conditions. DENR have indicated a letter will soon be received from Crown Lands indicating the balance of the site land will be provided to the Minister with approval to develop the site as required.

**Tailem Bend** – Negotiations to obtain long term tenure for the site ongoing.

### Region 4

**Appila** – Contracts awarded and work to commence on construction of new fire shed in next two weeks.

**Brinkworth** – Awaiting on planning approval before quotes are sought.

**Burra** – The Contract has been awarded to Sarah Constructions. Site works to commence June, 2011.

**Crystal Brook** – Plans for kitchen and toilet extension have been submitted to Planning SA for approval.

**Farrell Flat** – Public consultation complete. Once council approval is given, plans will be lodged with Planning SA for development approval.

**Iron Knob** – Still no progress.

**Laura** – Meeting still to be held with Council to discuss concerns regarding drainage which is impacting on properties behind the station.

**Orroroo** – Licensing arrangements with SAAS still to be finalised.

**Pekina** – Contracts awarded and work to commence on construction of new fire shed in next two weeks.

**Wilmington** – Project complete. Defect maintenance period has commenced and construction manager is attending to defects.

## Region 5

**Argyle** - Toilet unit ready for delivery. Septic system to be installed.

**Avenue Range** – Purchase order issued for the connection of power to sports complex for the Avenue Range fire station.

**Bangham** – Toilet unit delivered to site with full septic installation now complete. New solar panels installed and connection to toilet unit also complete.

**Binum** – Civil works completed and concrete laid. 'Fire Shed' delivered to site and awaiting erection. Purchase order for electrical fit out issued. Expected completion by end June.

**Callendale** – Toilet unit ready for delivery. Purchase order issued to contractor for the installation of septic system. Contractor undertaking required soil test for application to council.

**Hynam** – Toilet unit ready for delivery. Purchase order issued to contractor for the installation of septic system. Contractor undertaking required soil test for application to council.

**Kongal** – Toilet unit ready for delivery. Purchase order for septic installation, new rain water tank and power connection issued.

**Kybybolite** - Civil works completed, concrete laid and installation of new Fire Shed being undertaken. Toilet delivered to site. Purchase order for electrical fit out issued. Full completion of project by end June.

**Lochaber** – Waiting on planning approval from Planning SA for the construction of a new 'Fire Shed'.

**McCallum** - Toilet unit ready for delivery. Purchase order for septic installation, new rain water tank and power connection issued.

**Mil Lei** – Toilet unit ready for delivery to site. Contractor issued purchase order for the installation and power connection works.

**Pleasant Park** – Purchase order issued to contractor for required toilet facility works. Project managed by BSO.

**Sherwood** - Toilet unit ready for delivery.. Purchase order for septic installation, new rain water tank and power connection issued.

**Tantanoola** – Project now complete.

**Tilley Swamp** – Project now complete.

**Woolumbool** - Toilet unit ready for delivery. Purchase order issued to contractor for the installation of septic system. Contractor undertaking required soil test for application to council.

## Region 6

**Buckleboo** – New 'Fire Shed' will be delivered to site this week and installation will commence shortly after.

**Cockaleecheie** – Installation of new 'Fire Shed' now complete. Concreting to happen this week.



*The new Cockaleecheie 'Fire Shed' during construction stage*

**Karkoo** – New 'Fire Shed' has been delivered to site with the builder to commence installation shortly. The builder undertaking Karkoo is also undertaking the installation at Mount Hope and will juggling both for completion ASAP.

**Kimba** (managed by R6 BSO) – in association with SAAS, removal of asbestos vinyl and kitchen and full replacement.

**Wudinna** (managed by R6 BSO) – in conjunction with SAAS and SES, undertaking removal of asbestos, kitchen with full replacement.

**Smokey Bay** (managed by R6 BSO) – full renovations now complete including, electric rewiring, new kitchen, floor covering and painting

**Mount Hope** – New 'Fire Shed' has been picked up and will be delivered to site shortly. Civil works and footings have been complete by the installer, remaining works to be undertaken shortly.

**Mount Wedge** – New 'Fire Shed' will be collected from the manufacturer this week and delivered to site. Civil works will commence shortly, with installation of new shed to commence shortly after.

**Port Lincoln Land** – Second option was exercised and funds paid. Advice has now been received from purchaser that they will not be proceeding with the purchase.

**Port Neil** – Awaiting a Discussion Notification Form from Planning SA regarding the extension to rear the existing station.

**Rudall** – Currently awaiting planning approval from Planning SA. Projects funds have been carried over to the 11/12 Financial with construction to commence when planning approval is received. Standard option 4 (double appliance bay) design has been agreed to and quotes are currently being sought. Electrical quotations are also being sought.

**Sceale Bay** – New 'Fire Shed' Installation almost complete. Fencing to be undertaken early next week with all fencing material now delivered. Concreting has been arranged and will be undertaken after installation of shed. Provisioning for ETSA connection at a later point being arrange prior to pour of concrete,

**Tooligie Hill** – Plans have been submitted for Development Approval but still waiting a response. Council approval to undertake modifications to the site has been obtained. CFS arranging soil report which is required for engineering documentation.

**Tuckey** – Civil works now complete. New 'Fire Shed' now ready for deliver to site, awaiting confirmation from builder on start date.

**Tumby Bay Air Operations** – Full plans have been submitted to Planning SA seeking development approval. Quotes for the supply, installation and concrete works are being sought and to be reviewed shortly.

**Wharminda** – Freight Company collecting new 'Fire Shed' this week. Waiting on approval from ETSA to disconnect power temporarily so the demolition of old station can commence. Civil works will commence immediately after removal of the old fire station.

**Wirrulla** – After ETSA approval received, temporary electrical disconnection will occur and removal of the old shed will commence. Full engineering documentation with Building Surveyor to obtain a Certificate of Compliance with Building Rules.

### **State Training Centre**

**CBRN/HAZMAT Facility** – Tender for supply and installation of the CBRN building will be called in June, 2011.

## **TELECOMMUNICATIONS**

(CFS Telecommunications Team - Manager Telecommunications – Mario D'Agostino and Telecommunications Support Officer, Marilyn Hughes)

### **Radios**

The Rollout of radios in Region 2 has started. The contract was awarded to Tetracom on the 11th of April 2011 and is now in its sixth week and is running on schedule as predicted. All things going as planned the rollout will be completed by the middle of June 2011.

The rollout involved the changeover of 285 Portable radios, 121 Base radios, 119 Appliance radios and 57 Command Car/Logs radios with a total of 582 Radios. We are currently looking at the Procurement of radio for our next Regional rollout.

Testing is being carried out on two digital VHF radios, the Icom F3163S and the Tait TP 9100. The intent is to try and identify which radio has the better performance.

Research into HF radio is still occurring. We are now looking into how other agencies utilise there HF system.

### **SAGRN Upgrade**

The Attorney-General's Department has advised that voice capacity will be increased at 24 high priority sites across the State. Site work will commence in mid July with practical completion due in early October. Short duration site outages will be required and managed during this time.

Rectification of Unreliable Inter-Site Transmission Links (Inter Zone Links).

The Attorney-General's Department is working on making the Microwave links between the Adelaide NOCC and the Whyalla site more reliable. This will allow the Microwave links to be used as the primary path for inter Zone traffic so increasing the flexibility and capacity of the network from Adelaide to Whyalla . It will also provide a cost savings on running the GRN.

The following links will be developed:

1. Mt Charles to Jip Jip
2. Tailem Bend to Peake (Talinga)
3. Tailem Bend to Binnie Lookout
4. Peake (Talinga) to One Tree SE
5. Mt Charles to Binnie Lookout
6. The Bluff to Brown Hill

## 7. Yanganoonabie to Wigunda

Concept Designs and Network enhancements will be carried out on the Kirra Grazing to Sherwood link in the SE. Consideration is being given to creating a third microwave loop in the South East to give greater reliability and capacity on the microwave system in Region 5. A preliminary schedule received from Motorola indicates that site works should commence in early September with practical completion due late October. There will be outages in the transmission network but these won't affect users due to the redundant paths that already exist in the network.

### Paging

Motorola has conducted a report on paging distortion which identifies that some improvements to paging performance may be possible in and around Meningie. This will be achieved by changing the power levels of sites in the area. The intent is to be able to return to the original settings if issues arise. User agencies are developing a test plan that encompasses a "before and after" scenario.

A project is underway to repair Samsung pagers rather than discard them. Approximately 200 of the 1500 pagers available have been repaired so far. Updates on the progress of this project will be provided in future editions of Infralog.

### MANAGERS UPDATE

Sam Quigley who has worked for CFS I&L as a contractor for some time in both the V&E and Building departments has won the position of R4 Business Services Officer following the impending retirement of Geoff Smith. He finishes work with I&L on the 17<sup>th</sup> June and his departure is a significant loss for I&L but a great gain for Region 4 and CFS in general as Sam is one of these people who can turn his hand to anything and views every challenge as an opportunity. He is also a genuinely nice person. The I&L Team wishes Sam well in his new role and look forward to working with him on an ongoing basis. Well done Sam.

Prepared by,

**Arthur Tindall** AFSM

Manager Infrastructure and Logistics

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(Feedback, both positive and negative, is encouraged and welcomed)