



**All Round
Supplies®**

Electrical Infrastructure Supplier



SPECIAL POINTS OF INTEREST:

- **New Arrival**
- **Fish Tales**
- **Latest Utility updates**

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ISSUE 12

Utility Link

AUGUST 2010

Problem Solved:

Following All Round Supplies and Bonnell Supply's success with the light poles supplied to McMahon Contracting for the Tiger Brennan Drive project in Darwin, we were given another problem to solve. The logistics that accompany supply, transport and handling (both on site and in the yard) of 12 mtr poles were causing a problem, so the boys put on the thinking caps and came up with an innovative solution, a two piece octagonal pole. This new design meets all the statutory requirements and was quickly accepted by both the customer and the governing authority. The benefits are many but encompass the following:

Ease of handling

No need for a semi, a standard 8 mtr tray flat top is all that is needed for transport.

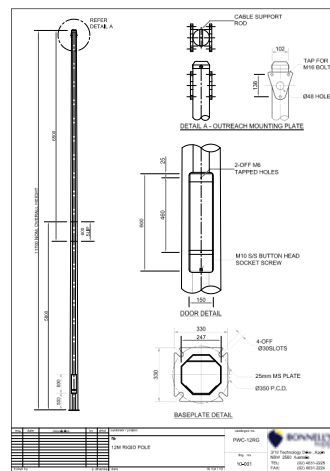
Ease of positioning on site

More flexible shipping possibilities

Better stacking and storage

All performance ratings maintained

The new pole has been accepted into the market and has generated a win/win solution for manufacturer, transport, supply and site work. Again the ARS Darwin boys have found the correct solution by working closely with both manufacturer and customer. Well done.



Photos:

Left: Product specification drawing for 12 mtr 2 piece pole.

Below left: Base section

Below right: Top section



New Arrival for the GM's family

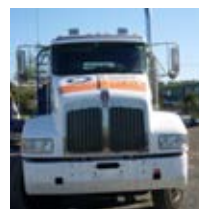
Last month Earl & Nicole Palfrey greeted their latest addition to the Palfrey family, Blake Daniel born July 21 weighing 3.28 Kg & 54 cm long.

At left is a rather proud, but tired dad and son. Congratulations to Earl and Nicole and we all welcome Blake to the ARS family.

That makes 4 boys. Is the Palfrey family trying for their own World Cup team????

Big Blue's new livery:

As you will remember from last issue, we have transferred our purpose built cable truck, affectionately known as "Big Blue" to our Darwin branch. To complete the transfer we have had her dressed in new "clothes". Looks like a new truck.



Fish Tales

“Big Al” and his family show us what fishing & crabbing is all about

You may recall in the last edition I wrote about the tyranny of distance that many fisho's put up with in search of their next big catch.

So to capture that trophy fish you need to put in a lot of effort and sometimes travel long distances for that great piscatorial reward.

Many of my southern friends say to me “but you live in the heart of a fishing bonanza” and to some extent that is true, but the reality is all our fish stocks are under pressure whether you live in Newcastle, Darwin, Melbourne or Adelaide.

It's just a matter of numbers.....More people fish now than ever before.. more than 10 years ago or 20 years ago and certainly more than 50 years ago Our population has grown and we all want more leisure time to enjoy the things we like best. Technology has played its part with today's fishing gear a far cry from the old centre pin reels of yesteryear or the old cane rods versus the new carbon fibre rod of today. The introduction of products like Micro Dyneema lines, chemically sharpened hooks, the lure technology, and mass production all have an effect. There are more professional fisherman today than in years gone by, although many state governments are buying back licences from the pros. Many state governments have introduced bag limits, minimum lengths to curb the impact on the resource along with some fish sanctuaries being established. And what about the boats.. not only the number around today but the quality, the advent of four stroke motors and sophisticated electronics GPS / Sounders / radar etc the poor old fish really are copping a hammering! Always remember when travelling interstate to check the local bag limits and minimum fish sizes and whether you need a licence to fish.

Alan Priestley is my co-worker, here in Darwin, and a keen fisherman as well. Alan's sister Marissa happens to live in a place called Nhulunbuy.

Located at the north-eastern corner of Arnhem Land lies the Gove Peninsula and the mining town of Nhulunbuy. It is accessible, by air from Darwin approx 650 km or it can be reached by 4WD from Darwin. The journey which passes through the Arnhem Land Aboriginal reserve is approx 1000 km over rough dirt roads and takes approximately 12 hours. But look what you can find when you get there !!

Until next issue, tight lines, everyone..... Phil.



Not a bad Mackerel



Guess what's for dinner?

Newcastle's new guy



Ian Edwards has joined Newcastle branch in the internal sales role. Ian has a wealth of experience in the Electrical Industry having previously worked in the wholesale arena for both Lear & Smith and Alstra. Ian is a keen 4X4 enthusiast and home renovator. His sporting interests cover both cricket and volley ball.

With a bit of luck, we may get some good 4X4 tips in coming issues.

For our Newcastle readers, please call into the branch and meet Ian.

ARS helps out

Every now and then we can all get the opportunity to help make someone else's life a little better. So it was that recently the team at our Sydney branch got just such an opportunity. A group from the University of NSW was setting up a small hydro electric system for the village of Imaki in Vanuatu. They had run into a little bit of trouble with joining the cables and the project had ground to a stand still. The team at Prestons came to the rescue by donating some heatshrink, cable joiners and instructions on what to do, and the project was back on track. This power project will supply 30kWh of electricity each day and will power the health clinic, where refrigeration is needed for keeping vaccines, lights for the school and church. The project involved running 700 mtr of cable from the generator to the village, up a very steep incline, with all work being done by volunteers from UNSW and the villagers themselves. As can be seen from the photos that Eden Tehan and the team sent us everyone got into the action. Our part was a very small one but vital to the successful completion of the job. Now that this is complete the health clinic, school buildings and church will have reliable power. For us it is a good reminder that we take for granted what others, who live very near to us, don't have. Our thanks to Eden, and the team, for allowing us to assist in this small way.



Some photos of the "crew" at work, above
Below, How's that for an "office".



Doesn't know his cars?

A blonde, wanting to earn some extra money, decided to hire herself out as a "handy-woman". She started by canvassing a nearby well-to-do estate. She went to the front door of the first house, and asked the owner if he had any odd jobs for her to do. "Well, I need to get the porch painted - how much will you charge me?" The blonde quickly responded, "How about \$50.00?"

The man agreed and told her that the paint and everything she would need was in the garage.

The man's wife, hearing the conversation, said to her husband, "Does she realize that our porch goes all the way around the house?"

He responded, "That's a bit cynical, isn't it?"

The wife replied, "You're right. I suppose I'm starting to believe all those dumb blonde jokes we've been getting by email lately."

Later, the blonde came to the door to collect her money.

"You've finished already?" asked the man.

"Yes," came the reply "And I had paint left over, so I gave it two coats."

Impressed, the man reached into his pocket for the \$50 and handed it to her.

"And by the way," the blonde added, as she walked away, "it's not a Porch, it's a Lexus."

Utility Updates

Integral Energy Technical Bulletins

21/05/2010 TB-0076 Discontinued use of Prysmian 4C 16sq mm XLPE/PVC cable in the low voltage underground cable network
26/05/2010 TB-0077 Specification for sand used in URD trenches
27/05/2010 TB-0073A ABB SafeLink floor plates
7/06/2010 TB-0078 16mm² single core PVC/PVC copper cable (underground)
7/06/2010 TB-0078A 16mm² PVC/PVC copper cable (underground)
24/06/2010 TB-0079 New Standard for pre-commissioning checks and tests for distribution systems
2/07/2010 TB-0081 Transitional provisions for commissioning new Network assets
5/07/2010 TB-0080 MCI 0005 Update
21/07/2010 TB-0074 Single moulded pole cable guard
2/08/2010 TB-0082 Selection of distribution transformers for maintenance
5/08/2010 TB-0083 Suspension of the use of Ijlin load break switches

Energy Australia Network Standards Advice

12/05/2010 NSA1572 Amendments to Energy Australia's Network Standard NS 215, Design – Work Instruction, Allocation and Recording of Fibre Use, January 2010
13/05/2010 NSA1573 Amendment to Network Standard NS172 Design Requirements for Cable Jointing Pits and Vaults, August 2008
14/05/2010 NSA1574 Amendments to Energy Australia's Network Standard NS 186 Major Substations Civil Works Design Standard, April 2008.
20/05/2010 NSA1575 Amendments to Energy Australia's Network Standard NS 110 Design and Construction Standard for URDs, June 2006
27/05/2010 NSA1577 Amendments to NS 208.2.3 Telecommunications Substation Communications Cabinet Allocation - Design Work Instruction December 2009
27/05/2010 NSA1576 Amendments to NS 208.2.3 Telecommunications Substation Communications Cabinet Interconnectivity - Design Work Instruction December 2009.
2/07/2010 NSA1580 Amendment to NS165 Safety Requirements for Non-Electrical Work in and around Live Substations, September 2008

Energy Australia Customer Installations Advice

21/06/2010 CIA1351 Amendment to Service and Installation Rules of NSW
25/06/2010 CIA1348 New Edition of Energy Australia's Network Asset Relocation and Undergrounding Policy Guidelines, June 2010
2/07/2010 CIA1349 Amendments to ES 1 Customer Connection Information
20/07/2010 CIA 1352 New Edition of ES7 Application of Network Use of System Charges, July 2010

Energyx Technical Document Updates

9/6/2010 Operating Practices Manual - BMS 1611
11/6/2010 Network Labeling & Signage Manual - BMS 1610
30/6/2010 Queensland Electricity Connection & Metering Manual V5.0 - BMS 1606
15/7/2010 Commercial & Industrial Substations Manual - BMS 1605
20/7/2010 Guidelines For Mitigation Of Power Frequency Magnetic Fields – C&I Substations
26/7/2010 Public Lighting - Standard Conditions for Public Lighting Services - BMS 3327

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|--------------------|---------------|-----------------|----------------|------------------|
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| 1/9 Enterprise Crt | 7 Gamma Close | 3/1 Jellicoe St | 5/32 Sway St | 3/8 Albatross St |
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