

# We Challenge YOU! TO JOIN THE CLUB



NatMap Socal Club has had a big start to 1982. The members elected to increase the committee size, and we have been able to include some "old hands" to work with us "first timers".

Our Social Club has been a legend from here to Comberra due to its ability to get together and have a good time, and I'm sure this year wan't be an exception.

The committee may plan your functions, but its the members that make them succeed. So sign up for your membership now, and keep the social club as active as ever.

ol Presidento Double Dec

# Sausage Sizzle/Fish Fry

Fri. March 26th.

### RETIRING OJB's Forewell

Celebrate Commissrate But do

Participate

MEMBERS AND FAMILY

FREE

DRINKS AT REDUCED PRICES

# social club

D D

THE FOLLOWING OFFICE BEARERS WERE DULY ELECTED AT THE AGAI HELD ON THURSDAY 4 FEBRUARY 1982.

President

David Daur

Vice President -

Peter Quinn

Secretary

Norm Oliver

Treosurer

Ion Pasco

Kalen, back on the Committee.

Committee: Trish Booth, Diana Ferraivolo, Dave Goldsmith, Peter Hansfard.
Dave Pickering, Mogda Rampal, Kulen Sorgent (ex officery - D. Williams)

### **ORDERS**

CHICKENS

Richard Hill

CRANGE JUICE

- Brian Mortinesz

CSSIT

Colin Carter



We are very appreciative of these people giving their time to organise such matters.

### CUTLERY

The committee plan to replace the plastic with stainless steel cutlery.

ANNUAL NATMAP CARBERRA REUNION - Unfortunately due to lack of numbers our yearly weekend get together has to be postponed. We may have one later this year. If not, a weekend on the border may be arranged for interested parties from Dandenong.

# SCOUNTS FOR MEMBERS

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specific items reduced especially for 5.C. emembers each month.

If they receive the support of Natmap patromage your Social Club will benefit from gifts and goods at cost for our Functions.

All queries please see Dave Dzur or contact Di Townsend at G & T. Pultney Street Store for furniture, Princess Hwy Store for Electrical Goods.



"Shove off! We've got better things to do than scratch your back all day."

Though unable to attend, I have been able to unearth the events of that day. As what now seems usual for our lunches in the park, the wind blew o fury. But fortunately most mone was collected earlier in the week when the weather was fine, thus a good rool-up was achieved. Cold meats and salads may not have been ideal, but we did save on ice for the beer. Record prices were achieved at the fruit auction. No doubt amber liquid frees the inhibition when it comes to bidding.

### SOCIAL CALENDER

26 MARCH

SAUSACE S177LE AND FISH FRY

4 JUNE

FRIDAY NIGHT FAMILY FUNCTION

31 JULY

- OFF CAMPUS "DOO"

15 OCTOBER

MOUSE AND SPOUSE NIGHT

19 NOVEMBER

- LUNCH IN THE PARK

12 DECEMBER

KIDS CHRISTMAS PARTY
 WORK BREAKUP

23 DECEMBER

TOTAL DIADETOR

5 FEBRUARY

TROTTS NIGHT MVRC

# COMING EVENTS

Cricket - Natmap - Soc. Sec. Challenge to be early April or October.
Soc. Sec. organising.



CAPTAIN BILL - 688 THUMP CARD WHO WILL BE WISSED.

Tennis - Annual Tennis Tournament to be played and finalised on the one day.

Basketball - Efforts to regain trophy from Social Security in another game. Preferably on a weekend so bar-be-cue can be held and a scratch match arranged with those not participating in main game (Natmap have too many keen players for rules).

Golf

Too be carried out as usual.

Theatre

 Functions to be arranged when interest shown in some show.

All other ideas are readily welcomed.

# LEN "hank" BENTLEY

Len will ratire from National Mapping at Easter, bringing to a close a working association that spanned thirty-one years. He is one of those enigmas that everyone knows so well but knows so little about, perhaps that's because he is always helping the other bloke rather than talking about himself.

I decided to interview Len about his time with Natmap. He put me off immediately with his quote for the day - "The compulsion to write could lead to tremendous social problems for the individual". Despite this devastating start the following bits and pieces came to light.

"Hank" came to Australia at the end of World War 2 following discharge from the US Army. After trying several jobs, he talked his way into National Mapping in 1951, where he has worked ever since, apart from six months in 1959/1960 when he went to do a stint with the USGS.

Known for his point marking ability, he has taught many people the art. "Point marking is an exercise in discipline. The important thing is to teach people that they can do it". One difficult job undertaken by Len was the plotting of the rather "hilly" areas of New Guinea on an "old A6". But the most exciting time was doing spot photo and baro heighting from aircraft. The technique for heighting was to fly as low and as level as possible, take a series of readings and estimate the few feet flying height AGL. "We had to fly with our "Ass" on the deck". When working out of Camoweal one day they were following a telephone line south from the main road. "We had the telephone line on our right and just above the wing tip when our attention was drawn to a crashed Orever." After passing the crashed aircraft we found that the telephone line was just off our left wing tip". "Another time we were flying down an outback road when an old holden ute came around a corner. I still don't know if the driver ever got his ute out of the scrub".

"My biggest shock was moving from Chapel Street to 497 Collins Street. I first saw the building from the lane at the rear and it looked like a row of cells, all it needed was the warders". The move to Dandenong was a more pleasant experience, only adding about ten minutes to Len's train ride.

Len's interest in AAESDA or ADSTE goes back fourteen years and be has been an area representative for eleven and a half years. After retirement he will continue his interest, particularly in the problems of the "Disposable People" and "Mental Health".

Everyone at National Mapping wish Len and Lee a very happy retirement.

R.W.M.



## Directors Departure

Tony Bomford retires as Director at the end of March 1982.

Born in 1927 at Dehra Dun, the son of the remown geodesist G. Bomford, he was educated in England and in 1945 joined the Royal Engineers. He was at the School of Military Survey from 1947 to 1950 when he went to Cambridge, taking out first class honours in engineering in 1952.

During the early 50's, whilst seconded to the Directorate of Colonial Surveys, he worked on triangulation surveys in Tanganyika. In 1955 he was chief surveyor with the expedition to South Georgia in the Falkland Islands Dependency.

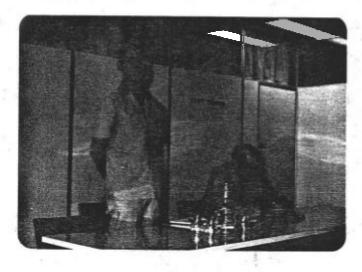
He came to Australia in 1958 on secondment to the Royal Australian Survey Corps with whom he remained for eighteen months, returning to the Ordnance Survey in England in 1960. In 1961 he retired from the Army with the rank of Major, came to Australia and joined National Mapping. He was largely responsible for the geodetic adjustment of Australia and worked on the AHD and the determination of the Australian good

He was promoted to Assistant Director in 1968 and to Director in February 1977.

Mis period as Director has seen a major upsurge in map sales by National Mapping, considerable diversification in our mapping program, particularly in the area of thematic maps. The Atlas of Australian Resources has been improved and expanded, the atlases of population and housing have been produced for the first time and a number of new thematic maps are now being produced. The bathymetric program has come to full scope.

Tony's private interests are walking and camping in the mountains — he has been to Nepal five times. He is keen on bird study, designs and makes carpets and collects stamps.

SLK.

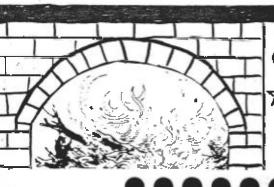




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This similing three some of "Mothers-to-be" was snapped at last year's Office Christmas Do. Leonie and Diana have since become proud mothers of Martin Anthony and Andrew Michael respectively, and at the time of publication Gringo and Judy anxiously await the arrival of their first. Since the last "NEWS" another arrival to a former staff member was Jessica Ann - to Maya and John Pinkster.

# 0.J.B.

MR OREST JAMES BOBROFF will go on extended leave from 28 March 1982 and will probably consider retirement in April 1983.

'Bob" joined National Mapping in 1959 after a number of years in cadastral private practice in Queensland. Prior to this be had been a Warrant Officer in the Survey Regiment during World War 2. Initially employed as a Surveyor Grade 2 he spent the remainder of the 1959 field season with Alan Spowers party familiarising himself with the equipment and techniques on the Matarnaka tower traverse.

In 1960 he was in charge of a field party of five people with instruction to select and measure a traverse from Triangulation Chain, Carrieton Base in SA to the Devila Marbles in NT. The next task was to upgrade the Mataranka-Powell Creek tower traverse measurements and to locate a gross error of twelve minutes in the angular observations. This was completed, the tower equipment being stored in Alice Springs and the party returned to Melbourne in November. During that year approximately eighty lines were measured — a distance of 2,400 km.

Early in 1961 under the restructured classification of Surveyor Class 1 Bob spent about two weeks on Flinders Island, measuring lines and observing angles along sides of the Division's earlier triangulation scheme. His field party left Melbourne early in June that year for a major desert traverse from Mt Tietkins to Well 35 on the Camming Stock Route. The traverse of eighteen stations covering 260 miles was completed by mid October and the field party returned to Alice Springs after digging a brackish well (Jupiter Well) near the end of one of Beadell's graded tracks. From Alice the party moved to Mt Kintore where a traverse route was recommolited to Emu in South Australia and a feasibility recce done from Mable Creek to Emu.

In 1962 as a Surveyor Class 2 he left Melbourne in late April to work from Mt Kintore to Cook in South Australia carrying out a Tellurometer traverse of some 270 miles and an eight tower traverse of binety miles on the final Muliarbor section.

1963 waw Bob leave Melbourne in May in charge of a party proving lines, clearing and beaconing in Queensland on a traverse route recommondated by A.G. Bomford with the aid of a helicopter in 1962. During the season chain saws were introduced. Bob also carried out a feasibility recommaissance for a traverse between Breadalbane and Mt Isa.

In 1964 Bob looked after the office administration of the Geodetic Branch as the Supervising Surveyor, H.A. Johnson, was in the field for much of the time.

Prior to the start of the 1965 field season Bob, in charge of a small party, completed a first order connection from Mt Fatigue to Deal Island and thence on to Flinders Island. Four foot reflectors were used on the MRA2 tellurometer for these long lines. His main field party left Melbourne in May to traverse south from Well 35 to Young Hange and from Neale Juntion to Yokes Hill Junction, SA. After the completion of the traverse the party travelled to Kulgera to establish the Johston Geodetic Station. During this operation Bob starred in a section of the film by the Commonwealth Film Unit "Mapping Australia".

With the Geodetic Survey of Australia basically completed, Bob became more involved with supervising but still doing some field time in 1966, 1968 and 1969.

In 1971 he was appointed to the position of Supervising Surveyor to be increasingly responsible for the administration of areas with a significant office work content rather than the previous field work crientation. He has always shown a most unusual style of personal, technological and resource management and National Mapping will be different without its "RESIDENT GENIUS".

# **One Bounce Ahead**



with

TIPPO '82

- \* Will South Melbourne succeed in Sydney? (Probably not)
- Can Andrew Christie win the Wooden Spoon for the third year in a row? [Probably].
- \* Can Collingwood win the Flag? (Probably not).

Yes, it's that time of the year again - the Footy Season. And of course that means . . . .

### TIPPO '82 IS ABOUT TO BEGIN!

Same Rules as last years apply:-

- \* \$5.00 cost for a whole year's tipping!
- \$10.00 weekly prize to person who tips 6 winners and is closest with point score.
- \* If no-one tips 6 winners, weekly prize jackpots.
- \* Scoreboard will be on 7th Floor.
- \* Tips must be in By Fridays at 3 pm [AT THE LATEST]. Tips to Colin Carter or Roland Lindell on the 5th.
- Cash Prizes at end of year for 1st, 2nd and 3rd, and Andrew, er I mean the Wooden Spooner. These dividends will depend on how many finally enter Tippo '82. Details will be given at a later date.
- First game is on 20 March so get in fast if you haven't joined already.



FOOTSCRAY

"the year of
the Dogs?

PS "SOUTH MELBOURNE" OR "SYDNEY SWANS" will both be occepted as names on the Tippo form. (Sorry Scotty).



"THE NATMAP NEWS" IS A QUARTERLY PRODUCTION SERVICING THE STAFF OF NATIONAL MAPPING, DANDENONG. WE WISH AT THIS STAGE TO ACKNOWLEDGE THE ARTISTIC

TALENTS OF GRAEME "GROOM" LAWRENCE AND DAVE PICKERING (SEE FRONT PAGE) WHO ADD SO MUCH TO THE CHARACTER OF "THE NATMAP NEWS". (SUB ED:PLUS EDITOR DES!). ALSO WE HAVE A PLEA FROM MARGARET AND THE GIRLS - THOSE SUBMITTING COPY FOR THE NEWS TO BE TYPED - PLEASE WRITE LEGIBLY. IT ALL HELPS IN THE PRODUCTION. AND LASTLY, THIS IS OUR VERY FIRST "MATMAP NEWS" ON THE NEW PHOTOCOPIER. WE HOPE IT WON'T BE OUR LAST.

..... DES YOUNG, ROD MENZIES, RUSS HUGHES.

PS: WE ALSO ACKNOWLEDGE THE WORK OF "JOLLIFFE" AND MURRAY BALL.

# THE DIGITAL UNIT

No. 1



A good question!
Turnover for a good answer.



"THE DIGITAL UNIT" is an occasional news-sheet to inform staff on the progress of digital mapping developments.

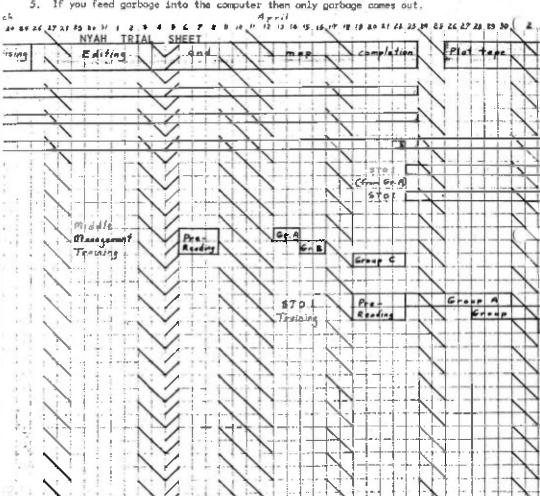
Although from the equipment point of view one could say that "a digital unit" exists, it will not be true in the personnel sense. There will be no digital mapping team -no clite group. Everybody will participate, although of course not all at the same time,

It's for this reason that the start of production is being deferred to allow for the training program set out below. All Compilation Branch staff will be introduced to the system before the project teams start making the first digital maps. It is anticipated that each of the four teams will produce one 1:250 000 area using the digital equipment, during the first year.

HOW I MET THE DIGITAL MAPPING SYSTEM ..... AND SURVIVED

After working four months in the Digital Mapping Area I have noticed the following:

- The computer has no intelligence
- 2. The system is not fool proof otherwise only fools would be using it
- Murphy'sLow applies "If anything can go wrang, it will" 3.
- 4. Always expect the unexpected
- If you feed garbage into the computer them only parbage comes out.



When using the System, you have to tell the computer what you are plotting. In order to occomplish this feat you require a well ailed swivel chair! This makes it possible to rotate from stereoplotter to teletype (type in feature), back to stereoplotter, around to check plot to verify what has been plotted and so on. You become used to the constant rotation.

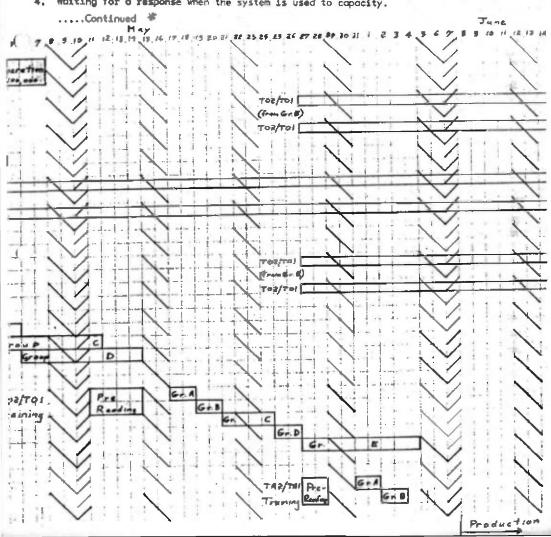
Be alert at all times, keep the foot switch down when plotting and don't forget to tell the computer when you have finished the feature otherwise you will end up with a plot of criss cross lines!

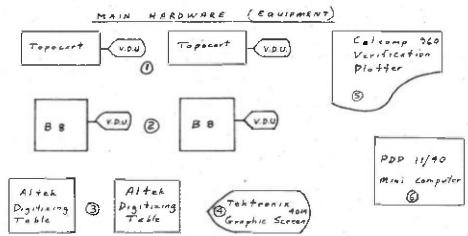
Finally be patient when the computer is working flat out. It may take a little time to set a response but no amount of swearing and banging the keyboard is going to speed it up.

After you have finished your plot sit back and watch the computer draw it up for you.

On a more serious note, the stereoplotting of an area by digital methods is slower because extra time is spent:

- Typing in feature codes 1.
- Joining one feature to another (eg fence to a road)
- When correcting vary long feature (contours with 10,000 pts) 3.
- Waiting for a response when the system is used to capacity.





1 and 2 are standard stereoplotters modified so that movements of the floating mark are recorded as strings of co-ordinates. A visual display unit allows the operator to key in different feature code numbers for the different sorts of map features.

- Digitizing tables can be used to convert existing maps into co-ordinate strings. Their main use here is to correct errors made at the stereoplotters and to join models tagether, without overlaps or gaps, to form the map compilation.
- An alternative to editing on the digitizing tables is to use a graphic screen. The models digitized at the stereoplotters are drawn by the computer on the screen. Features com be added, deleted or moved to join models and to edit the compilation.
- We use the fast verification plotter to see what the digital map looks like. When the map is finially edited and complete it will be platted in Camberra on the accurate Congaberg plotter.
- The PDP 11/40 mini computer is the heart of the system. It uses the AUTOMAP software (computer programs) to morage the whole operation and records the map feature co-ordinates figitised at the stereoplotters or the Altek tables.

iome terminology to get you started:

Mgitiza

- To record digital co-ordinates.

eature

A single entity on a map, such as a road, building or contour.

eature Code

A four digit number indicating what a feature represents.

'eature Modifier- A four digit number which contains additional information about a feature.

leguence Number - A unique number assigned to each feature, used in identification of features.

Come and ask. hot's enough to start with. Any questions?

Some of these problems may be overcome by:

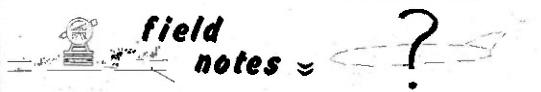
Buying a bigger and better computer.

Fitting voice recognition facilities to the stereoplotter so operators can give verbal commands. (Editor - Both items are on forward equipment program)

In conclusion, the system is very enjoyable to work with. The principles and procedure that apply to conventional mapping hold for Digital Mapping. If you beer this in mind

then you will definitely survive! ....R. Hill . Leaving out the swear words I've got nothing to say about it!

... ANON.



#### SURVEY SECTION SITREP

With the big freeze on, aerial photography and map accuracy have gone into cold storage but we are managing to defrost some laser charts.

An assult led by Ace, Oz and Ian and ably supported by Murray, Tony, Glen and Harry the Map has devestated the backlog.

Hendo is finalizing the results of the Nowingi Map Accuracy Survey and chief designer Smith is setting up a laser display for the ISP Commission I Symposium in Camberra. When and if our new aircraft arrives Ed will have the planning completed.

On the analytical scene Tom is storing completed adjustments on mag tape for security and Bob is preparing Block 16 for a single analytical adjustment.

### TOB GROUP TWO

The 1982 field season started early this year, with Peter Harrup, Hod Menzies, Dave Pickering, Jock Head and Peter Hall carrying out the field inspection of Portland and Hamilton 1:250 000 areas. The survey went without a hitch and despite some fairly warm days, was completed on time.

The next party out is Kevin Crame, Dave Goldsmith, Andrew Hatfield, Leon Derkacz and Ron Wilson. They left for Narrandera and Cargelligo on Monday and will be operating out of Griffith. Harry Baker will fly CAS across from Broken Hill to join the party. The job is expected to be finshed in time for the troops to be home for Easter.

Planning for trips to Cunnamulla, Halls Creek, Ivannoe and Winton are underway. Timing of these jobs will depend largely on finances.

#### T.C.B. GROUP ONE

After a false start or two due to uncertain TA funds Project Team 2's field completion party of Peter Quinn, Reg Helmore and Lindsay Clarke finally made it to Broken Hill to inspect the Olary and Curnamona areas.

With Biggles Baker and CAS's support the serial inspection was finished in record time. They expect to complete the ground work next week and report that some systematic supplementary photographed will be needed.

Reg not only shared in the local syndicate's third Division Tattslotto win but also pulled a \$400 jackpot on the pokies,

A short inspection trip to Sale was also undertaken. Steve Pinwill and Julie Gould took only 4 days to wrap up this 1:250 000 sheet.





# ON THE

# LIGHTER SIDE

Not all members of "Sexendipity 7" syndicate benefited from their first tatts win. Rumour has it that Reg Helmore's share only lasted two nights in Broken Hill.

- Whilst happily derial inspecting one Saturday in January Dave Pickering, who was sitting in the back of CAS, lent forward and uttered these immortal words: "I'm so sorry to trouble you but I'm feeling severely discomforted and finding it hard to concentrate". One look at his face and we landed. Upon landing he found he could concentrate, much to his relief.
- Overleard Milt and Julie having grave doubts while locking for a cemetry on the Melbourne photos.
- Peter Durkin's "Hole" should be full soon.

### ECHOES FROM THE PAST



No. 5 30/6/77 R.H.I. that Lean Derkocz is running for Mayor of Fitzroy Crossing at next elections.

No. 6 29/7/77 R.H.I. that when the coastal boys were circled by a dorsal fin while putting in tide poles at Port Keats that Mickey Lloyd managed to climb on Bear's back first.

No.29 31/8/79 R.H.I. that Dave Henderson is off to A.S.O. (is that the Anglicon Seminary for Outcasts)

# AROUND THE BRANCH

(MOTES FROM MANAGEMENT SERVICES MANCH).



Travel Rep.

Russ Hughes

### AT YOUR SERVICE

9	Phil O'	Reilly	-	Executive Officer	275
	Bob Hol	land	-	Accountant	276
	Jan Tro	isk	-	Personnel Officer	274
100	Roland	Lindell	-	Solories Clerk	296
a, Our	Reg Kil	patrick	-	Leave Clerk,	
Rep.	_			Registrar of Accounts	296
Lyn Power	5 4	Certifyi	lng Of	ficer	237
Colin Carter	n 1 1 1 1	Examines			237
Craig Howke	-	C.P.M.	Petty	Cash),	233
			Cont		247
Peter Durkin		Purchasi	log Of	ficer	239



Pat Ryan	-	Registry, Stationery		295	
Diana Ferraivalo	-	Registry, Trovel		277	
Rudi Snoek	-	Registry, Stock Control		295	
Margaret King	-	Typing, Library	$\tau$	277	
Kothy Ferris	-	A/D's Secretary		244	
Audrey Mohoney	-	Switch, Typing		9	
Joe Stanczewski	-	Driver, General Services		247	
Mrs Moson	-	Tea Lody		226(3rd)	
Tom	-	Cleaner		Basement	

At Left: Our Friendly Tealedy, Mrs. Mason, At Right: Reg Kilpatrick - Wearing Two Hats.

General Services



Ext

247



### "COMINGS 'N GOINGS"

QUITE A RUSH OF DEPARTURES SINCE LAST TIME WHAT WITH BABIES AND THE CRY OF "GO NORTH YOUNG MAN" - - - TO CARWIN. HOWEVER TO FILL THE RANKS THERE ARE CERTAIN TO BE SOME NEW FACES, AS YET UNKNOWN COMING TO ELLERY HOUSE.

#### COMINGS

R.A. Vossil -	Returned from 12 months with the Inquiry	1.12.81
Audrey Mahaney - (Switch)	Temporary transfer from Department of Industrial Relations	4. 1.82
Clair Denver (TA.2) -	Transferred from Department of Health	1. 3.82



#### GOINGS

Anne Golding	_	Invalidity Retirement	22.12.81
Diana Vlahovich	-	Maternity Leave	24.12.81
Leonie Johnson	_	Maternity Leave	31.12.81
Bob Goldsworthy	-	12 months in Antarctica	12. 1.82
Bill Stuchbery	-	12 months LWOP in Darwin	14. 1.82
Peter Johnson	-	12 months LWOP in Darwin	19. 2.82
Necmt Tosun	-	12 months LWOP in Dorwin	26. 1.82
Maya Pinkster	-	Resigned	10. 2.82
Eddy Ainscow	-	Resigned	20. 2.82
Borry Wright Judy Rodriquez	-	6 months Study leave Maternity Leave	24. 2.82
Judy Rodriquez	_	Maternity Leave	26. 2.82

Information kindly supplied by Roland "Louie" Linklell.

# NATMAP TENNIS TOURNAMENT

On Thursday 11 March the Grand Final of perhaps the longest running termis tournament in the world was held. The tournament was started in September 1980 by Roland "Louie" Lindell, and attracted a field of forty two

players, and involved the playing of forty doubles matches.

The final was between A. WRAITH and C. McMASTER versus P. DURKIN and A. TURK. Wraith and McMaster won the toss and elected to serve. Conditions were perfect for tennis, and a huge crowd was on (hand to watch. Obviously big money was riding on the result with the Natmap "Bookie" standing to lose his shirt. Many interested spectators had to be content with watching from the Natmap Highrise as no more room was available at the courts.

All players started off the match in devastating form. Games went with service until three-all, with each team testing each other with different tacties. The pressure was too much for both teams with the next three games going against the server. Durkin and Turk finally held service after many deuces to take out the first set 6-4.

Much the same pattern developed in the second set with Carl rushing the net, Peter lobbing, Anne running down the lobs with great determination, and Andrew employing his two banded "fry pan" smosh on the net with devastating effect. After a hard struggle Durkin and Turk eventually won 6-3.

Congratulations to the finalists and to all the participants for seeing the tournament through to its canclusion. The winners and runners-up will be presented their tropies on the night of the Sausage Sizzle at 4.30 pm, Friday 26 Warch, Seventh Floor.

..... "Down-the-Line"

### - EATING OUT IN COLUMBUS, OHIO-





After one year here in Columbus, I can now report that eating out in Columbus, Ohio is very similar to eating out in Julia Creek, Queensland. The choice is wider, but the taste is the same! At first I was surprised by this, but since recent events have shown that American take-away food is all made with Australian horse and kangarco meat, the mystery has been solved.

I have one more year of work here before completing a Masters' Degree (I hope), and hope to be back in time to see Hawthorn win the 1982 Grand Final. The graduate education system here is quite different from that in Australia. There is much more emphasis on course work here, with research and thesis work playing a smaller part. For my two year course, I have fifteen months of course work, and an expected to do research and thesis writing in the remaining six to nine months.

The system is very competitive here. Many subjects are not graded against a required level of achievement, but by position within the class, ie, the top one or two people get an "A" and those who finish last fail, regardless of how good or bad they really are. Further, each subject is taught over a ten week quarter (four 10-12 week "quarters" per year), with tests, exams, and assignments, making the study "intense" to say the least! However, it is an effective way to learn a lot in a short time.

The Ohio State University is one of the largest in the USA, with 55,000 students on the Columbus campus. The University has two golf courses, an airport, its own police department, and a football stadium which seats 80,000 people every football Saturday. College football and basketball are the most popular spectator sports in Columbus (popn 2 million), with the football coach having his own Saturday night TV show. At least in Melbourne there is Hawthorn plus eleven minor teams, but in Columbus everyone barracks for the University "Buckeyes". (The "buckeye" is the Ohio State emblem, similar to a chestnut). It's a bit like going to an Australia v England test match at the MCG, with the addition of a marching band, cheer leaders and a heavy dose of patriotism. Here, everyone stands to attention, with hand over heart, and sings the entire University anthem, Ohio anthem, and American anthem:

Paula and I had a three week holiday in California before coming to Columbus last September. I found the Sierra Nevada mountains spectacular. Between quarters, we have visited Toronto, Montreal and Niagara Falis in Canada, New York, and Washington D.C. It was a pleasant surprise to bump into Dave Hocking whilst I was visiting the USGS National Mapping people in Washington! This Christmas, we hope to escape the snow by going south to New Orleans, and perhaps Florida. (As you can see, there are some compensations for the time spent studying!)

I hope you are all well at Natmap. Like me, I'm sure you were all disappointed with Hawthorn not making the finals last year, but at least the Buckeyes have a good chance of winning the Big Ten title, and playing in the Rose Bowl. Go Buck!!

Best wishes,

Drew Clarke.



# **«BACK PAGE»**



# THE MADIGAN LINE

IN 1939 DR C.T. MADIGAN CROSSED THE SIMPSON DESERT FROM ANDADO TO BIRDSVILLE, A JOURNEY OF 500 KILOMETRES, BY CAMEL. FORTY TWO YEARS LATER A PARTY OF NINE, INCLUDING MARK MADIGAN, THE GRANDSON OF DR MADIGAN, AND RICHARD SIMPSON (GRANDSON OF A.A. SIMPSON, AFTER WHOM THE DESERT WAS NAMED), AND NATMAP'S JOHN MANNING, WITH MURRAY GARTNER AS THE LEADER, REPEATED THE JOURNEY WITH THIRTEEN CAMELS.



# THE ONG OFFICE NO 41



John Ely and Peter James are co-leaders of TIPPO on 43 winners after ten completed rounds, with Ian Pasco, on 19, hard on their heels.

### PRIZEMONEY

lst: \$80:00 2nd: \$30:00 3rd: \$15:00 Last: Wooden

Wooden Spoon.



"THE SWANS"

### DEPT.OF GONIOMETRY

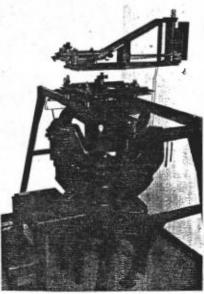


PHOTO: Dave Hocking

ORIGINAL SITE: CSIRO, Sydney.

REASON FOR ITS TRANSFER: Razor Gang. PRESENT SITE: Room 216. 3rd Ft.

CHIEF PLANNER: 0, J. Bobrokk.

ERECTION OF RSJ FOR PULLEY BLOCK: O.Ertok, A.Christie & C.Hawke.

INSTALLATION OF GONIOMETER: D. Henderson, J. Patterson (CSIRO) L M. Lloyd. WHAT IT DOES: Calibrates Aerial Survey Cameras.

GONIONETRIST & ASSISTANT: Dave Henderson & Mick Lloyd.

# Arleigh MUSIC AND COMEDY.

# THEATRE RESTAURANT

### SATURDAY 14 AUGUST

PREPARE YOURSELF FOR A GREAT NIGHT OF ENTERTAINMENT.
SEATING IS LIMITED, SO BOOK NOW FOR YOURSELVES AND FRIENDS. THIS IS
OUR SOCIAL CLUB'S MID- YEAR FUNCTION. WE TRUST YOU WILL ENJOY IT.

# social club

· ... D.D.

### NATMAP F.A. CUP

Friday Night 4 of June, bring yourself, family and friends; practice your instep passes, back-heel kicks; 4-a-side saccer.

Simple rules - kick the ball into the goal and win, Scaled down to fit the Wemberley

Pitch on the Seventh Floor. Soft 'nurf' ball to be used.

- Sundshoes, slippers or socks please.
- no goal keepers
- knock-out competition to find the two finalists.

Good honest football food of hotdags with numerous garnishes, wedgewood to supply pies, pasties, etc., Drinks as usual.



SOCCER IS FOR EVERONE TO PARTICIPATE IN:

(Even the dog!)



# "OFF CAMPUS DO"

- Please note alteration of the Social Colendar for this function. It shall now be held on Saturday 14 August, at "Arleigh" Theotre Restaurant, 119 Wattletree Road, Molvern. Music and Comedy show starring Dean Jones (from John Hancacks and Naughty Nighties). Three course meal included. Price being negotiated for "probably around \$17.00 a head for members and family".

Please mark this on your ogenda.

Early natification of numbers aids the social club.

Chase up exempopers for this or any function = most will came if they know.



### EATRE NIGHT

# Book Now!

g Livermore in Bornum. We have booked a small number good seats for this sensational performance. Not one man show but a whole Circus. See Norm Oliver reserve your seat on Friday night the 2 June.



### SOCIAL CLUB



### DISCOUNTS FOR MEMBERS

"Gleeson & Tonto" - for all Electrica White appliances and furniture, are eags to offer discount to our members. After selecting item and price THEN produce membership card for discount. If required contact Di Townsend,

"Mannys Cassette & Video Topes" - see list on 5th and 7th floors. Just leave orders on phone number supplied.

Picture Framing — get that derial photo out of the cupboard and onto the wall. See Ian Pasco for discount cards for "The Framing Factory".

London Stores - See Ian Pasco again for a discount card.

### DISCOUNT CARD

THIS CARD ENTITLES THE BEARER
TO A DISCOUNT

if presented when making a purchase at

### The Framing Factory

42 WANDA STREET MULGRAVE, 3170

TELEPHONE 580 908

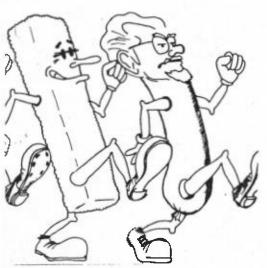
### THE LITTLE TERRORS

The Social Club has purchased some soft cloth balls for the children to play with at social functions. They won't break beer glasses or hurt people and especially they don't crush like ping-pang balls. Ask for them at any function - they're there to use.

Frid. 26 March'82

# PAST EVENTS - SAUSAGE SIZZLE

The first family function proved to be a financial and social success, thanks to the hugh attendance. Master chefs provided superb cuisine, with fish and burgers high on demand.



Artwork by Pickering

Roy turner's artwork of
"the Digging of Jupiter Well"
in which OJB had a "leaning
role", was appreciated by all.
Screening of the Logic award
mosterpiece "Mapping Australia"
starring C.J. Bobroff,
Sid Kirkby, Bob Goldsworthy and
Carl McMaster, supported by
numerous early and ex-natmappers
had to be held over for a second
showing.

The 'Swindle' of a gas bar-b-cue was won by Ian Pasco. Eddy Burke collected a bottle of Stout and Harry Wise an Easter Egg as the lucky door prizes for members. OJB was presented with a Chronometer which he had used during the days of Geodetic Surveys. A new staying record was created by the stragglers (or hardened Drinkers). Let's hope no-one attempts an early bid to surpass It.

# LEN BENTLEYS RETIREMENT

About 60 people converged on Dondenong Park to help Len celebrate the end of 31 years employment with Notmap. Basic supplies of beer, bread and bangers was all that was needed, as Len re-told yarns of the past. Len's card was cleverly concealed in a photo album of NatMap 'Memorabilia' -(with the retirement of many original mappers, now is the time to prepare a history of NM, so all can remember our development) Sid presented Len with our gifts of a radio-cassette and camera flash, to occupy his lelsure-time.

-----00000000-----

**ЈОНИ МИКРОСН** 

Died from Leukaemia on Monday 31 Hay 1982 Aged 26

John worked in National Mapping from 29 January 1974 to 11 September 1980 when he left to return to the family farm at Numurkah. A popular, cheerful and unassuming man, he will be missed by us all.



### COMPILATION BRANCH

#### GROUP !

Peter Quinn is at present on a five week trip to Pondie Pandie, Cordillo and Dalhousie, accompanied by Project Team 2 members - Reg Helmore, Milton Biddle and Paul Rodriquez.

This trip will involve a bit of travelling including a drive around the Simpson Desert via the Birdsville Track. A better planned trip would have included comels or perhaps John Manning had forgotten to TA them back into the store.

The next trip in July will be for four weeks to Windorch and Canterbury by Project Team 1. Team members, Julie Gould, Errol Fletchor, Ian Pascoe and Roy Turner.

### T.C.B. GROUP 2

Connamulla and St George in Queensland were the main bases for Project Team 3's inspection of the Eulo, Cunnamulla and Dirranbandi map sheets.

The party of Peter James, Graham Lawrence, Ron Thorn and Rod Menzies, ably flown, in that old veteran CAS, by Jack Head had an enjoyable and productive four weeks. The weather was kind and there were no breakdowns or holdups so work was completed on time.

Sundays saw the usual sporting activities being undertaken, such as sleeping and golf. Peter and Ron attended a local rugby match to have the subtilities of the game explained by Rod. More talking will be needed before they are fully converted to the game as time out for injuries almost doubled the playing time. The local Cunnamulla garbo gave us some good advise on fishing in return for which he took all the fish. He also took time off from the bor to give lessons on photo interpretation and map production (ever tried FIS work in a cramped motel room with the blinds and curtains drawn and the door locked?).

Leon Derkacz, Dave Dzur and Richard Gibbs again flown by Jock, but this time in a chartered Cessna 210, are at present in Holls Creek, WA. They are inspecting three sheets south of Holls Creek, namely Billiluna, Mt Bannerman and Crossland. This job is expected to take two to three weeks and will be an all flying exercise. We look forward to reports of Leon's "return" to the Kimberleys and hope this is a forerunner of more work in that quarter of Australia.

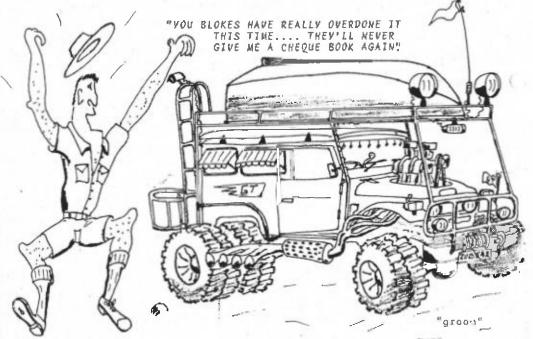




# ON THE LIGHTER SIDE

- Peter James and Jock Head discovered a novel way of supplementing green fees at Cunnamulla Golf Course. Sheds containing fridges, drinks and honesty boxes are strategically placed around the course. Peter's score card showed him one six pack over par.
- It's been reported from the first floor that Julie was gaing to stend for the local council but didn't have a high enough platform.
- The aforesaid "Cunnamulla golfing twosoms" also entered a disco competition but lost due to an argument over who would lead.
- When being introduced to a well known naturalist J.H., was heard to murmur "Well here we have a nice little fellow". After several similar incidents on the last field trip he is now being treated for foot in mouth disease.
- The Melbourne planimetric sheet is proving to be very complicated for instance, during checking, Reg Helmore was bogged down for some time in the Werribee Sewerage Farm.
- We note that basic physics and maths are all the go in Survey Branch, and are they clogs that "Harry" Wise is wearing.
- Visitors to the third floor lately would be excused for thinking that a camping trip might be on. Don't be surprised if that antiseptic looking urn on the tea tralley is replaced with a blackened quart pot one marning.

Rumours from VRO have it that Peter Durkin is going into the waste disposal business and Louis Lindell is running for P.M.



### SURVEYS BRANCH

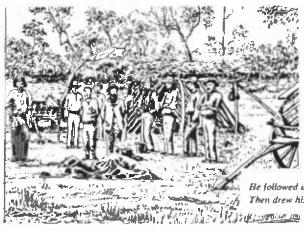
### Surveys Sitrep

A Map Accuracy survey of the 1:100 000 sheet of Quamby began on June 1st. Led by Bob Irwin with Murray Evans, Joe McRoe, Bob Smith, Ian Graham and Glen Mouton in the party. Three vehicles and three JMR's will be used to gather co-ordinates of map detail. With five satellites being monitored it is hoped to co-ordinate three stations every two days to  $\pm$  2 metres.

Meanwhile the laser comps have been turned out at a great rate so prepare now for the "End of Loser Porty" which looks like being at the end of 1982. Those who have never "broken" a - laser chart - look now for your one and only opportunity - limited unbroken lines left - see Os.

The Goniometer has produced its first calibration with the usual amount of high drama, sweat, anxiety and perserverence.

If you thought gammo was a nuclear term you'd better study your sensitometry. Log exposures, density, wedges, gray scales, EAFS, fog etc are the new language of the Aerial Photography group.



6957 QUAMBY MAP ACCURACY SURVEY

The survey party members:

R. Irwin M. Evans R. Smith I. Grohom

J. McRoe

G. Moulton

Carl McMaster will be in the field for the first week of the survey and Sid Kirkby will spend some time with the sub-parties.

Joe, Murray and Glen will depart Monday 31 May and travel via Canberra in Toyota 452 to pick up two JMR units and a 4ND Chev.

Bob Smith and Ian, travelling in a Natmap Comberro Inter will depart the following day and rendezvou with the Toyota and Chev en route.

Carl and Bob Irwin will fly to the survey area on Saturday 5 June.

The party is expected to be in the area for about three weeks. In that time, map detail control points will be established for use in an analytical adjustment which will enable the checking of other significant map detail points.

As wall, vertical checks will be made from bench marks to APR lines ≠ to some JMR points.

Comping is anticipated to occur about 50% of the time.

He followed up and blazed the trees to show the salest track, Then drew his belt another hole and turned and started back

The First Surveyor

BANIO PATERSON

An early survey party of 1883 as depicted in F.M.Johnston's book "Knights and Theodolites".

# **«BACK PAGE»**

TEASER PAGE



n puting till

May 21 to June 21

Don't start anything new this week. There will be plemy of tions to perfes and social functions.

### UP OR DOWN?

Which way does the man have to operate the lever to open the gate?





- (, If you ware competing for the Irequois Cup, what game would you be playing?
- L. Can the same horse win the Durby in successive years?
- ). How many hoops are used in a game of croquel?
- I, Why is a steeplechase so called?
- i. Which famous orloketer became a British IIIa poer?
- Who was the captain of the England isam that won the World Cup in 1985?

Think you know your sport? Then Iry this quiz.

- 7. Who was the liest man forum a mile in less than four minutes?
- 8. What is the value of the pink ball in snooker?
- 9. In which sport would you "face
- 10. In tennis, what is the "grand slam"?

ANSWERS \*\*DE OVY

Parker

They say you never lorget your old Army number —

mine was 42,23.36 ...

# Comings'n Goings

NONE OF THOSE FRESH FACES AS PROMISED IN THE LAST "NATMAP NEWS" HAVE AS YET MATERIALISED, SO WE HAVE NO "COMINGS" TO REPORT ... JUST A FEW NOTABLE "GOINGS" THIS TIME.

P. THOMAS:

Resigned C.O.B. 31.3.82 to live in the country and take up form duties,

O.J.BOBROFF: Extended Leave 29.3.82 to 30.4.83.

L.BENTLEY:

14.4.82 to 1.2.83.

E.BURKE:

Long Service Leave 4.5.82 to 3.9.82.

R.LINDELL:

Transferred C.O.B. 28.5.82 to take up appointment as Electoral Assistant to

Federal MP, Seat of Isaacs.

Overseas Division

D. P. Year 301-48877

From Senior Fachnical Officer (Surveying), Grade | 539920-00370, Third Division, Department of National Development and Energy, visitisched
To: Migration Officer, Grade 2 (20750-2000) (Class 6).

Commune colici of Applicatio General No. P5 16, 22 April 1982

Third Division, Hong Kong (No. 343) (PS 34, 18.8.81)

Duties, Interview applicates for reignant visus, determine procesi acceptabiles, approve or reject applications at --

Qualifications: Appropriate territory qualifications and fluency is Cantonese detarable, Maturity, self-confidence and fact topether with extendite knowledge of Australian living and working conditions also describle.

> We know things are a bit slow in the service - but just where has DOM been since 1979?

Februar championsalps. Listones 2, Mo, Joycanse the secret is resiried to the negative 2, Action of the Configuration of the Configuratio



"Assether

blacked

receed!"

SPORTS FAN'S QUIZ



# SHE'S LOOKING GOOD - AND READY TO GO!



Winters of Rex Aviation in front of the new plane

### .. SOME DETAILS.

MAKE & MODEL:

Cessno 421C

Twin Engined, 8

Seater. REGISTRATION NO: VH - DRB

MAX. NORMAL SPEED: 260 Knots. NORMAL OPERATIONAL SPEED: 210 Knots.

GROUND TO 25,000 ft: 25 Minutes.

FULLY PRESSURISED, HEATED.

INITIAL COST: \$255,000 MODIFICATIONS (SO FAR): \$75,000

.... T.G.Mulholland

.... R.G.Holland

AHAMAKAHAHAHAHAHAHAHAHAHAHA

# THE 1982 NAT MAP CUP

"Mouse and Spouse Night FRIDAY 15th Oct. 7th Floor Ellery



# social club

··· D.D.

COMING EVENTS

### MOUSE AND SPOUSE NIGHT FRIDAY 13 OCTOBER

The Spring Racing Cornival begins with the annual running of the ....
The track is in excellent condition with the running rail in its
true position, and the track declared as "fast". Local trainers,
and winner of last years event, Andrew Christie with the champion
"Mal the Rat" should again be a strong contender.



Entries are still open, and the New Zealand invasion is yet to nominate. So owners and trainers see stewards Quinn, Oliver and Dzur for your nomination.

Generous odds will be available from rails bookmakers S. Pinfeother III (hopefully better than his footy odds). Car Park opens 4.30, aution for Syndicate buyers begins 4.45. \$1.00 admission members and family \$4.00 non-members and family.

### KIDS CHRISTMAS PARTY

Another alteration to the Social Calendar. This function shall now be held at the Moccles-calesfield Trout Form, More details later - Please keep this day free.

# PAST EVENTS

Arleigh MUSIC AND COMEDY.

### ARLEIGHS THEATRE RESTAURENT FRIDAY 13 AUGUST

Eight revellers descended on Malvern to testify that theatre is still alive. Most Natmoppers were sturned to discover that Adrian Rymberk was starring in the show, which consisted of numerous conical sketchs and a few serious numbers.

Jon Trasks's husband Cal gave a stunning rendition of a squeaky door and various other sound effects. Indeed he was so good he even stale some of Adrian's Limelight.

The grand finale of "Don't Cry for me Murrumbeena" brought tears to our eyes. The majority of people found it most entertaining, Peter Honsford and others close to the front found it MDST revealing!

#### FINALS LUNCH FRIDAY 17 SEPTEMBER

A football version of a plaughman's lunch was held this day on the 7th Floor. Probably due to the close proximity to the work site most people supported this function.

For all hungry "Magpie" supporters a film showing highlights of the 1977 drawn and replay final was shown. Thanks to "Kinky" for digging that up, and to Joe for driving around town to collect it. The "swindle" was won by Harry the Map, who not being fanotical about football auctioned off the Grand Final Tickets and denoted the proceeds to the RSPCA. The lucky members door prizes of "Tiger" Premiership Port was won by Colin Corterand Ian Pasco.





Golf Gossip

### NATMAP GOLF CHAMPIONSHIP 182

This year's championship was held at the Beaconills G.C. under threatening skies. The weather was good to us though, with rain on the previous two days making the course conducive to good scores.

As is usual with this annual event everyone had a most enjoyable day.

The honours on the day went to Ian Pasco with an excellent score of 43 points. Runner up was Bob Irwin who made full use of his "home ground" advantage.



Best Stobleford

:

I. Pasco

Runner Up

R. Irwin

Best Gross :

D. Goldsmith

Best Front Nine

G. Moulton

Best Second Nine

D. Williams/P. Hall

Noorest the pin

I. Pasco/D. Goldsmith/I. Larkin

I would also like to thank Ray Drummond Golf Shops for the support received on our 'big day' — and remember for all your golfing needs it's Ray Drummond Golf Shops (Bendigo, Ballarat, City and Dandenong)



# GOLF SHOPS I ((()

Phil McKinnon

209 Lonsdale Street, Dandennog, 3115 Telephone (03) 792 1658

# Comings'n Goings



Drew Clarke

NOT TOO MANY "COMINGS 'N GOINGS" THIS TIME ROUND, HOWEVER THIS IS A FAIRLY SIGNIFICANT BUNCH OF PEOPLE ON THE MOVE. THE "NEWS" WISHES JOM AND H4 WELL ON THEIR NEW VENTURES.

EDDY BURKE: Bock from Long Service Leave on 6.9.82.

DIANA VLAHOVICH: Resumed duty 7.10.82

ANDREW CLARKE: Resumed duty 7.10.82 following study

in U.S.A.

Working with State Government for 12 JOHN MADDEN:

months - Placement of the Interchange

Program. Left 1.10.82.

PAUL WISE: Off to study for 12 months in the Netherlands on 8.10.82. • Dave Hocking

DAVE HOCKING: Returned from an overseas trip to Poland and the U.S. attending Mapping Conferences on 27.9.82.

# ST'S TEN COMMANDMENTS

As an aid to better relations with our typists, please note the conditions under which they work.

- A typist must remember at all times that she is absolutely stupid.
- A typist must remember that she must obey no matter what happens.
- 3. A typist must be able to road shorthand, longhand, script, scrawl, reports and letters written under water, in bed, in the bath, in the bar and also writing done under a microscope. She must also be able to unravel her master's voice from a series of extraneous naises on a dictaphone and distinguish a hiccup from a comma.

### **OU CAN BECOME A DICTATOR**



how many copies are to be made.



Make it clear at the beginning what Don't mustble and besitate - speak letterboad and sel-out you want, and clearly in an un-hurried voice and omphasise your own punctuation.

- 4. A typist must realise that, although her boss has never typed, he can do the job in half the time and twice as accurately.
- 5. A typist must understand that "typist" is just another word for doormat, tea-pourer, postmistress, mechanic, general buyer, organiser, convenor, walking encyclopedia, mind reader, listening post, servent and baby sitter.
- A typist must have available at all times crystal ball, aspirins, nail file, cork screw, toct and charm, endless sympothy and limitless patience.
- A typist must remember in times of flap and stress that she has never worked as hard as a mon.
- A typist must remember to be pleasant from Monday morning until Friday evening.
- 9. A typist must be neat and tidy and, if possible, glamorous at all times, but never, comb her hair, makeup or clean her nails in office hours.
- 10. A typist must remember that men are: His Majesty, Mohammed, Prime Minister, Chief Whip, Genius, Lord and Master, Handsom, Irresistable and not "That so and so". They all look like Paul Newman, have the love life of Don Juan and are as funny as Bob Hope and of, course, must be worshipped, respected, idolised, to be wrapped in cotten wool, defended against all commerse and loved - no matter who they are or what they look like. Which shows that there is more to typing than meets the eye! \* - - - - - - - - - - - - - - -

### COKE DISPENSER

Now situated on the 7th Floor is a Coke Machine. The Social Club pays NO HIRE charge for this and buys the drinks at a near wholesale price. The Social Club decides the cost to purchasere and the profit gained is the differences between ours and wholesale price.

We hope to keep our prices chapper than that of the shops. On fruit juices at 40¢ each we make @ 7c and for 50c cans we make @ 10c .

Flavours now include - cans of Coke, Tab and Soda Squash - bottles of brange, mango and brange peach and apple fruit juices and mineral water

Any problems such as stuck battles see Gringo or D. Dzur.

Wembers Discounts -

Gleeson and Tonta Homecrofts London Stores

See D. Dzur or I. Pasco

14

33

31

ŝŎ.

19

78

17

The Framing Factory



# THEIR HE WAS MAD WITH THE LANG M THEIR HE WAS MAD WITH THE GOVERNMENT - THEIR WE MELAND HIS BUCKS WELL TO THEIR I

### EVERYONE FINISHED IN TIPPO 1982

99	-	Corter, Jones
98	-	Lindell, Wise
96	-	Henderson
95		Hall, D. Young
94	-	R. Kegrns
93	-	C. Ely, McMoster, Menzies, Zentai
92	-	Burriss, J. Ely, Fletcher, Goldsmith M. Pinwill, I.Shiell, J.Young
91		H. Cowon, Hatfield, Hutchinson, Irwin, S. Madden, Moody, S. Pinwill, Quinn
90	-	Kirkby, Lorkin, Oliver, Pesti, Wroith, R. Young
89	-	B. Modden
38	-	J. Kearns, Holland, Claessen
37	-	Lloyd
36	-	Stonczewski, Thorn, Scott, Hughes, D. Howke, Dzur
35	-	Pickering

Wright, Trask, Vassil, Sargeont

Snoek, Rodriquez, Crane, Derkacz

Simpson, Smith, C. Hawke, Evans

..... C.C.



(Owner Going O/S)

.. See Bob Holland.

### SOCIAL CLUB CAR PARK

For short term parking see see KALEN SARGEANT on the 4th floor for a car park space. This will be available (4om 1:11:82 to 3:12:82 inclusive.

If anyone is interested in off road parking, there are two car park spaces available for small to medium cars. Please see me or ring on Ext. 232.... NORM "O"

15 McRae, M. Cowan Williams O Corpinteri 7 Pasca



3 Christie (for the third year running !)

Osborne, O'Connor

Mr Average, Monning

L. Young, Ryan

J. Modden

# **«BACK PAGE»**



Bob Irwin with Murray Evans, Ian Graham, Oz and Harry the Map are giving the Kooroongal sheet the map accuracy treatment with the JMR's over the most few weeks.

Polar Pete and offsider will join them although the rectangular irrigation area around Griffith doesn't really equate to the Antaratla wastes to me.

The Aerial Photography crew waits in heightening expectancy for a rids in the new 421C which after testing around Melbourne will be off to Queensland and Western Australia. Meanwhile the crew plans on.

With the last laser chart broken and laid aside another era clased. The ceremonial breaking was held on September 25 and is reported on in more detail elsewhere. Well done all those who ever broke a chart.



### Nationwide

Map Week 82

27 September – 3 October Victoria Committee As we all know Nationwide Map Week is over. Despite a few hiccups the event was an overall success from the Division's point of view. A major activity under taken by Natmap was the assembly of 544 1:250 000 maps to provide coverage of mainland Australia. These maps were trimmed, joined and covered in-house and then assembled in the city square. These were laid down on Thursday 30 October.

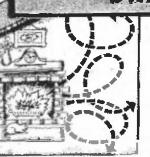
last minute dash to the city by Murray Evans and Glen Moulton saved the day by filling the lack hole before the TV cameras arrived. Harry the Map regained his title by comping in the ity square all night to protect the "Map". The maps when removed were danated to a local rimary school.

wenty copies of a series of three display boards were prepared and set up at various venues round Welbourne. A small equipment display was set up at the Dandenong Library.

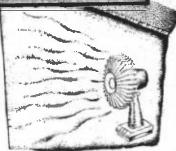
od Menzies and Murray Evans visited various regional centres to deliver lectures to achoals not various community groups.

any thanks are due to volunteers who gave their free time to the various activities and to have who worked tirelessly to assemble the required displays. The overall comordination as done by John Madden who did a considerable amount of work to ensure the success of Mapeek.





# WINDS OF CHANGE



Digital Mapping is about to become our bread and butter.

We are operational and a significant number of the private organizations with whom we contract map compilation have digital systems installed and operating to a greater or lesser degree. We are likely to get an allocation of maney to allow us to quickly upgrade our digital mapping system and to make increased use of contract support for this work.

The Cessno 421 photographic aeroplane will now be available about mid-September and this will make a major difference to our ability to service our air photography need. Perhaps the greatest benefit, apart from the lower cost of acquiring air photography ourselves, will be that we will be able to get air photography coverage closer to the time at which we need it. In turn this will allow us to telescope the time span for map production.

We have recently been looking at the comparative costs of compiling at 1:50 000 scale with either 10 or 20 metre contours and I believe it is now likely that we will be doing this in areas where 1:50 000 scale mapping is required for State or Defence purposes.

I foresee the day, in the not too distant future, where small project teams will each take up responsibility for an area, perhaps as small as one 1:250 000 map sheet; be involved with the aerial phtoography of the area and similtoneously do what little upgrading of field survey control that will be necessary; upgrade aerotriangulation as necessary; compile in-house part of the map sheet and arrange contracts for the compilation for the remainder; do the map completion; digitally derive the 1:100 000 compilation where 1:100 000 maps will be published and derive the 1:250 000 map in all cases.

All within a twelve month time frame.

It is not at all impossible that the very nature of the maps which are available, at least as first editions, will change. For example it is technically feosible to produce a map from computer generated colour separations with data plotter linework and text. It will not look the same but it may well be a more economical interim product.

Economy and effectiveness are not always the same thing however economy is being required of us by the Community; they also demand effectiveness. We must improve our effectiveness by using the winds of change.

The winds of change will certainly rustle some branches and maybe even buffet us but to attempt to keep the winds of change away is futile. We should welcome them as the force to drive our ship further and faster.

SIK

social club

· .. D.D.

rleigh MUSIC AND COMEDY.

Eighty members, family and friends are geared up to make this an enjoyable night out. Arleighs Reception Rooms are upstairs at 119 Wattletree Rd, Molvern, (50 yards down from Glenferrie Road) enter through a doorway between two shops. LIVE THEATRE

The first two courses of dinner begins at 7.30 pm so please be seated by 7.15 pm. Show starts 8.30 to 9.45 then breaks for sweets etc. second holt goes from 1015 to 1100. Huge cost including pionist, MC and six cast members. (names of the performers is scribbled on the back of a wine tour Itinary that I've managed to lose somewhere on the first floor).

There is still vacancies for anyone who has had a change of plans. \$15 a head for members and family, \$19 a head for others. See Norm Oliver if he hasn't already seem you. Book Now!

Finals tickets

The committee has added a "Finals Fever" function to be held on 24 Septemb lunchtime. Iwo reserved seats to the VFL Grand Final shall be raffled; thanks to Darryl Williams and the inept performance by the Geelong Football Club this year.

NATMAP F.A. CLUB

On Friday 4 June the Notmap FA Cup was held. It was a great success if not a little dangerous. After the eliminating matches the Grand Final was played by Pasco, Rampol, Fletcher and Turner for one side and James, Hawke, Ertok and Christie for the other side. The latter of the two sides won on the day 3-2 and received their well deserved award of an all day sucker each. (There's a message there somewhere I think).

Thanks must go to our ref Magda Rampal (as in 'Rampal of the Old Bailey® Magda kept the games under strict control and earned her well deserved. title of 'she who must be obeyed'!

If nothing else, the evening certainly kept the people behind the bark busier than usual. Thanks to all those who participed and I hope any injuries sustained were not too serious,

DADNII

On Friday 2 July twenty three people from the Everest Mountaineering Club donned their oxygen bottles and crampions and set out on that chilly evening to try to climb to the summit of that infamous theatre - Her Majestys. The summit is quaintly known as 'The Upper Circle'. Half way to the summit, fortunately, a group of Sherpa's had managed to get some supplies in which made the second half of the climb oh so much easier. Having made it to the top, they witnessed a spectacle in the far off distance known as 'Barnum' with Reg Livermare. With the oid of binoculars and telephoto lenses, a really magnificent show was to be seen. Those lucky enought to be in the front row could see even more by leaning forward to see what was happening at the front of the stage. Seriously though, with just the odd case of acrophobia, one or two cases of vertigo and a couple of mase bleeds everyone was treated to a really enjoyable show, with Reg at his best. Unlike Reg's previous one-man shows, this was a musical that everyone could enjoy (ie no noughty bits). The audience showed its appreciation at the finale when the whole cost made numerous curtain calls. More we see more of Reg Livermore in the future.

norm ~

#### PIZZA NIGHT - 16 JULY

This function was a late addition to the Social Calendar, and not advertised in the Natmap Naws, but fortunately was patronized well and again proved successful. Pizzas were supplied in abundance and easily consumed. The tasty postas were prepared by the Restaurant opposite Ellery House.

The lucky door prizes for members in attendance was supplied by Messrs Helmore, Rodriquez and Quinn, who carried a corton of South Australian best beer back with them from the lost field trip. So impressed by the flavour, they donated them to the SC. Sid Kirkby, Michael Lloyd, Peter James and Steve Pinwell collected half a dozen cans each as winners. The "swindle" was taken by Craig Howke who collects a dinner for two at La Cocciatoria Licensed Restaurant, and a bottle of Chianti. Ted Rollo scored a bottle also as second prize. Winner of the "complete the caption" contest was Dave Pickering, and he also collected a bottle of Chianti (cynical observers suggested since he drew the poster he had the inside running).



BENITO - AND THE LAST PIECE COES HERE, AND I WIN AGAIN - ADOLPH - SHIT - THATS FIVE OUT OF THE LAST SEVEN GAMES:

### JEWELLERY SALE

A representative shall display wares from International Gold Distributors on the 7th Floor, Tuesday 17 August between 12.00 and 2.00 pm. Fine jewellery of silver; gold, diamonds etc for sale at discounted prices. Fifty percent off all sales goes to the Social Club. See notice on 7th floor.



### SOCIAL CLUB

Members who stray to the 7th Floor may have noticed the addition of a "space invaders" type machine. This model named "Galaga" costs 20c a pop and has over fifty stages which are repeated five times. So far Natmap champs have reached stage 12. Give it a try, as it must be well used if it is to stay.

posts used to border our car park shall soon be replaced by ests and chain. This is necessary due to the damage to the posts looking for a way out when blocked in. A chain shall be placed enterance once again, so if you wish to keep foreign out please

the chain gate.

ARD Also a dart board has been purchased and in a cabinet near the "Galaga" machine. Hopelal ay board and some Forest Scene posters shall on the 7th Floor.

### MEMBERS BENEFITS

Discounts Available at - London Stores Homecraft

Gleeson & Tonta The Framing Factory

See Ion Pasco or Dave Dzur.

Sporting amenities on 7th Floor include snooker, table tennis, dorts, backey, widea machine, carron table (snooker for finger flickers)

### REPORT FROM LEN BENTLEY

len has just returned form a holiday in Darwin and has a report on some Natmappers who moved north,

Bill Stuchberry and his wife Fiona have added to the family with a daughter Amy Nicole, 7—lbs 6 azs born 2 am 29 July 1982. All is going well.

(Nesmi ?) Nosun has found himself as president of the Turkish-Australian Association and is sorting out all sorts of problems. Seems the nearest Turkish Consul is in Sydney.

Rose Grimmet has just returned from a 3½ month holiday through the United States.

Eddy Bourke and family were enjoying the fishing and hospitality of the Stuchberry's.

Unfortunately no word on Peter Johnston.

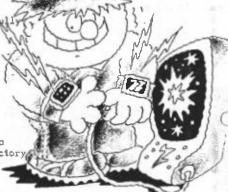
Paitor,

the Natmap VFL Tippo competition. I find it tappointing when as has happened on several casions this season there have been long delays recording and posting the Tippo results. is is turning what in previous years has been an teresting and sometimes exciting competition a rather boring, dull affair

eigned PEEVED TIPSTER

DID YOU EROT? Australia is the lowest flatest continent in the world. Its bighest point (Lit Kosciusko) is only 2,200 m and it is the only continent where you can drive to the highest point in a car.

The Burray River discharges in one year what the Eliseissippi emptles into the sea in 9 days.





## ON THE LIGHTER SIDE

### QUOTE FROM A HOMESTEAD OWNER

PIt was so dry a few years ago and there was so little grass, that you could flog a flea around a paddock and still not lose him.

### HOW ONES! SENSES CAN DECEIVE

When visiting one of the Owners at the shearing shed, Julie commented on the delightful arema of roast-lamb that was wafting thru the air. Not noticing any ovens or kitchens close by, a close investigation of the nearby fire told the entire story of how there were very few rams ofter shearing. Fortunately, Lamb was not on the menu that night.

Who Said That? Some Sayings From Over The Years

- 1. Having said that I'll now say this,
- Whats your bag.
- 3. There is no reason to extend yourselves at this point in time.
- 4. Its not a picnic.
- 5. The page is a gracker
- 6. Its just go go go
- 7. Lets not dwell on the obvious.
- B. Sh-h-h-h-h-h
- This is the life without a wife.
- 10 She's past the post before the start.
- 11. Oh-h-h-h I dunno.
- 12. Run that past me again.

### QUOTE FROM HOMESTEAD COCK

(After a "few stubbies) "Afraid of no Man and very few women".

### R.H.I.

- Jock did better at two-up than at Paker
- Julie is better known in Windorah as Rhonda, a nickname supplied by the town drunk.

### GERMAN SHEPHERD PUPS

Answers on later



### R.H.I

- \* Roy Turner knows how to handle his coconuts.
- \* Jock doesn't think much of Windorsh.
- Same surveyors can still become geographically emborassed while flying.

7 weeks ald - pedigree parents no KCC - Vaccinated and warmed \$80 ... See Vicki Ext. 222





### FROM SURVEYS BRANCH

Map Accuracy Surveys

### Quamby

Bob, Joe, Murray, Bob, Ian and Glen returned from NW Queensland sporting "winter" suntans which disappeared about as quickly as they were gained.

Winter in NW Queensland is when the maximum temperatures drop to about  $20^{\circ}\mathrm{C}$  and a cool wind occasionally blows.

The survey was completed within the estimated three weeks and included J.M.R. fixes, astronomy observations for azimuth using sigma and the sun, a small amount of traversing and some levelling.

Comping took place about sixty percent of the time and most of the accommodation balance was at Quamby, which consists of one building, the pub.

Several mornings saw the temperature around 5°C and a few minimum time records were set in the shower at the pub. There was no hot water,

Another record was set at the Cloncurry disco; the greatest combined age of any couple to groove on the dance floor was about 108:

During the early stages of the job Sid Kirkby and Carl McMaster were in the field with the party. It was at this time that another record was created.

Sid, Carl, Bob, I and Murroy combined to chain about 800 metres. They were going to apply to the Guiness Book of Records for the highest powered chaining ever done, but decided not to for fear of exposure.

### KOOROONGAL

Following on from the successful completion of the Quamby job, another map occuracy survey is planned for Kooroongal during October this year.

The map sheet area is immediately west of Griffith. It is hoped that the locals do believe the party is to be in the area for surveying purposes. It cars in this area a month prior to the Donald McKay inquest could be treated with suspicion.

Volunteers for the job should see Bob, Murray, Ossie, Ian or Harry immediately.

As each party completes an accuracy survey same refinement eventuates and this coming survey is anticipated to take less than three weeks.

Polar Pete and several of his Antarctic colleagues will join the party for familiarization purposes prior to their southern trip.



### FROM COMPILATION BRANCH

FIELD TRIP - HALLS CREEK 24 MAY 1982 - 9 JUNE 1982

FIELD CREW - Leon Derkacz

R. Glbbs (supernumerary)

Dave Dzur

J. Head

A pleasant trip was had by all during this 'all aircraft' map completion survey. A C210 Cessna aircraft was hired from Melbourne and under the watchful eye of the Chief loading Master and Pilot J. Head, all field crew members including luggage and work materials were safely flown to the survey area. Alice Springs was the first and only stop over and most of the lads made the most of it by letting themselves luase at the local Casino. All were after the big bill but luck was again hard to find. The remainder of the field trip was based at the Holls Creek Hotel which was adjacent to the local airstrip.

The weather at Halls Creek was a shock to one's body accustomed to Melbourne's winter. Most days were clear, sunny, windy with the maximum temperature reaching up to 26°C.

Due to the range and capacity of the aircraft everyone flew on the derial inspection surveys. No ground inspection survey was done but the boys managed to hire a van for their rest day and see some of the local sites. This included The China Wall, Caroline Pool, Banana Plantation and the Sawpit Gorge. One thing that we learned from this rubber necking was that even though the Pilot's judgement is unquestioned in all matters related to aircraft his ability in negotiating a path to a shady spot in a river bed is questionable. With the help of a Toyota 4 wheel drive and after much heaving, wheel kicking and loud verbal releases of emotions we managed to move the hire vehicle onto much safer ground.

All in all the trip was a success and of valuable experience. The hire aircraft particularly showed up the deficiencies of our own aircraft VH-CAS. Hopefully in the not too distant future we will be permanently flying in such aircraft during our field surveys.

The next field trip is to Port Augusta, Whyalla and Yardea in November.

GROUP ]

WINDORAH AND CANTERBURY

DEA NO E

Julie Gould and PTI members, Errol Fletcher, Ian Pasco and Roy Turner have recently returned from the "parched paradise" of Windordh where the weather was surprisingly cold, but the days were clear and fine.

One Toyota S/W and one Falcon S/W were driven up and back, and performed very well considering some of the so-called vehicle tracks travelled. Jack and VH-CAS combined well for pleasant flying throughout the trip and Errol flew well on his first flight in CAS.

the rest days were highlighted by opal fossicking, bottle collecting, going fishing (catching none) and visiting a local gymkhana.

The working days were highlighted by a visit by the Assistant Director.

MARK PUB. 365 "



# **«BACK PAGE»**





Tippo 82 after round 19 has reached a very interesting stage. The Leader board looks like this.

- 85 James Lindell
- 34 Wise
- 83 Hall. Henderson.
- 82 Carter McMaster Young



# **Comings'n Goings**

### omings

oings.

1 O'Reilly

ter Harrup

29/2/82 as T.O. 1 from Launceston trian Rynberk

17/6/82 as T.A. 1 11ma Idzes

wyn Coulthard 28/6/82 as T.A. 1

21/6/82 as C.A. 1 from Dept. of Industrial Relations eresa MacDonald -

17/6/82 as Class Clerk 1 from Defence wavid Gumn

personnel management scheme for approx. 32 months bavid Beaumont

- C.M.A. Bathurst for approx. 31 months

8 Sob Bawke

returned from Maternity leave 2/8/82 ). Vlahovich

2 year 11 boys doing work experience for approx. Toseph Broomhall -2 weeks from St Johns Dandenong. Robert White

- Social Security for 31 months

CO-DEDMATED CREANISATION AND METHOD COMMULTANTS

### A moral crusader was conducting a street-corner meeting.

He held up a cigarette and soid. "Moral decay often begins with ( After the first eigerette comes the last glass of beer - the first game of cards the first affair with a woman -

"Hey, roister!" came a voice from the crowd, "where do you buy that brand of cigarette?"

#### ANSWERS TO

"WHO SAID THAT" 1 Big MAL

O. Ertok 3 Sarry Wright 10 Ozzie

3 George Gibson Soak

11 Leon D H 4

Beb Goldy 12 Anon

Beb Smith PAV

BOS. YOU MUST STOP REFERENCE. TO THE CHESTERN AS PROSCHINE!

Congratulations to Adrian Wright and family on the birth of their newest baby. A baby boy which they have named Jacob. Well done TUBS !

NAT NO:44 mistmas

THE SOCIAL COMMITTEE
WISHES ALL NATMAPPERS
AMBERRY (HRISTMAS,
AND LOOK FORWARD TO
ENJOYING YOUR
COMPANY IN THE
NEW YEAR!



#### MOUSE AND SPOUSE NIGHT FRI 15 OCT

The staging of the Principal Race in the Spring Carnival, "The 1982 Natnap Cup", was again held at the Ellery House Race Track. This prestigious event brought many eminent racing personalities to Dandenong. Unfortunately Robert

Sangster missed the race - Susan was still on the tailet.

After some Syndicates attempted to buy out the "cup" by purchasing all the mice for auction, the meeting got under way with the ---

- A.J. Wright WFA Handicap
   Winner Maoris Rodent owned by Trish and Andrew.
- The SLK Stakes
  Winner All the Presidents Mice owned by Davids
  Goldsmith and Dzur \* Parkerny
- The Ellery House Hondicap
   Winner Automouse owned by Darryl Williams
- The Ratbags Welter
   Winner Mousicarta owned by Di Vlahovich,
- The Presidents Plate was contested by "Second-placed" mice with the winner gaining a start in the "big one". Smell-a-rat, owned by Joe Vlahovich won from Ulysses, Royal Rodent and Paddy O'Rat.

With the bookmaker desperate to re-coup funds on the "Cup", odds varied frequently. The five finalists produced a grand display with All-the-Presidents-Mice beating Maoris Rodent by ½-a-whisker. Chief Judge and Steward didn't need a print to decide the winner, although rumblings were heard in the betting ring from losing punters.

The 1982 Natmap Cup was presented to the winning owners (Chief Judge & Steward) who stated that their Frankstal imported mouse was too strong for the local breed. Runnershup trophy went to the Starter for the Cup Roce.

Thanks to Darryl for breeding so many mice, and to all those who helped the bookie. But the night was made by all the families and friends that participated. For concerned mice fanciers, Darryl took all mice back for future breeding.

(Sub Editor Note - and surely a big thank you to Bookie Marold J. Pinfeother without whom the meeting wouldn't be the same.)









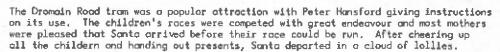
DO YOU GIVE CLEAR, CONCISE INSTRUCTIONS ON SAFE WORKING PRACTICES TO NEW STAFF? Ĭ

CHILDERN'S CHRISTMAS PARTY

### SUNDAY 5TH DECEMBER 1982

This special event was held at the Macclesfield Trout Form, nestled in the Dandenong Ranges. With excellent support from families all the facilities available were put to great use.

All expert fishermen were somewhat surprised to hear that one hundred trout had been let loose in the lake - because they certainly weren't getting any strikes. Most were seen to head towards the "fishout", where a feed of trout was guaranteed. Adults and childern enjoyed bringing in the 'big ones' - a couple were so keen they thought they'd go in and drag them out by hand.



Ladies present entertained all with their skill in throwing the "rolling-pin" over the obstacle course. Many proved that a rolling-pin could float by tossing it into the creek. Maria Pasco hurled it the greatest distance winning a bottle of wine.

The men were to test their skill and eye at knocking the cricket stumps over with a boseball. After Peter Harrup, Graham Lawrence and David Pickering scored a beer each for getting reasonably close, and the men having a second attempt, Trish McMaster declared that "if you men can't hit it give us women a go!! Which we did, and which she did with certain aplamb.

The staging of the Natmap gift was held over a tapering course. With much interference at the 180° corner, David Goldsmith held out from Dave Dzur and Ian Pasco. Jock Head, while out with the leaders, stumbled and fell at the crossing. Officials brought out the screen to do the only "humane thing available", but Jock quickly surfaced and limped off to give himself some medical treatment.

All in all a good day was definitely had.

### TROTS NIGHT-5TH FEB



Once again NotMap Punters will be attempting to "bust the bookies" on the first Saturday Night of February 1983. Forty-two seats have been reserved in the Owner and Trainers Lounge, nicely

positioned on the ground floor, just past the winning post.

For \$18.50 a head you get an excellent three course meal, admission, racebook, form guide, with drinks also included in the price. Also a bus is available to and from

Ellery House.

Be early and book now with Norm Oliver. Friends and family most definitely welcome.

The bus will be leaving Ellery House at 5.00 pm and will make a midway stop for anyone along the way. So see Norm today, notify if going by bus from Dandenong, midway pickup, or make your own way in.

We want your support ... Help us to help you



In true Natmap tradition, this lunch in the park was held on another overcast day, only the fierce southerly wind was absent.

Due to the heavily committed festive season that is upon us, this date clashed with another local function which unfortunately kept the numbers down.

The absence of those large yellow wasp looking insects enabled the majority of the tucker to be consumed. The Dandy park is a fine setting for these lunches, and we expect to have many more in the future.



# "TOUCHDOWN HAWTHORN"

AMERICA, THE FINAL FRONTIER. THESE ARE THE VOYAGES OF THE HAWKSHIP DREWERPRISE. HIS TWO YEAR MISSION : TO SEEK OUT NEW FORMS OF FOOTBALL, TO BODLY GO WHERE NO HAWTHORN SUPPORTER HAS EVER GONE BEFORE ......

Drewslag, Hawksdate 20.07.80. Don Scatty has beamed me down to a stronge place known as Columbus Chio. First officer Spock-Mathews and I are in a huge stadium, where 80 000 locals are screaming "Go Bucks, Beat Michigan". Is this civilised life? Yes!!! Recognising that these savages are in fact misguided Howks fans who have confused Bucks with Howks and Michigan with Collingwood, I devise a plan to show them the error of their ways......

Drewslog, Hawksdate 20.09.82. Scotty has now beamed me down to the land of Oz. My two year mission was a success (sort of). This winter, be prepared for Hawksy Beitzel broadcasting. "Its third down and one yard. The score is I4-20. Mathews is in motion to the left. Scotty snaps the boll to Knights. Knights fakes a handoff to Moore, then feints to the right. Collingwood is



MATTHEWS IN MOTION

blitzing. Knights moves back to the left and over the top in a gap cleaved by Mothews. Touchdown, Howthorn!!! Monareif mokes the conversion and its 21-20 Howthorn, with the Hawks to face Michigan in the Rose Bawl!!".





### MONEY

Money, get away. Get a good job with more pay and you're ok. Money it's a gas. Grob that cash with both hands and make a stash. New car, caviar, four star daydream. Think I'll buy me a football team,

Money get back. I'm all right Jack, keep your hands of my stack. Money, it's a hit. Don't give me that do goody good bullshit. I'm in the hi-fidelity first class trovelling set and I think I need a Lear jet.

Money, it's a crime. Share it fairly but don't take a slice of my pie. Maney, so they say, is the root of all evil today. But if you ask for a rise it's no surprise that they're giving none away.

P. 5 TO EARTH REASONS

### FIRST PRODUCTION RUN OF VH-DRB

THE AVIATION SECTION HAS AT LAST GOT ITS TEETH INTO THE PHOTOGRAPHY WITH THE ACQUISITION OF OUR LONG AWAITED CESSNA 421 TWIN VH-DRB (DRIBBLE)

The aircraft left Malbourne on 19 October crewed by Jock Head, Ed Burke and Bob Smith, with a stop over in Conberra. After taking Wessrs A. Woods and D. Ives the Dept Secretary and Assistant Secretary for a flight over Comberra (and their respective homes) the aircraft continued on the same day to Cunnamulla, a total flight time ML-CMU of 4 hours and 14 minutes.

The Dimonbandi map sheet was completed within two day and the aircraft left Cunnamulla for Kalgoorlie on Wednesday 3rd, flight time 7 hours 30 minutes with a refuelling stop at Ceduna.

Settling down in Kalgoorlie we flew seven half map sheets -Kinkalocko, Youanni, Leonara, Laverton, Barlee, Menzies, Edjuding and half of Cundealer - Broken in between by two days in Perth for the 1st Test!



Post Office and Wardens Court, Hannan Street.

(er, 50 hourly inspection on the circroft).

Of course one must intermix a little social activities, time permitting and Kalgoorlie has quite a bit of this to see and offer - enough said except that there became a well warm trock from our usual eating establishment to the motel via Hay Street.

All good things must come to on end and we departed Kalgoorlie at 5,30 am for Melbourne via Eucla and Cedung ising of 25,500 ft, flight time Kongoorlie-Melbourne & hours 30 mins.

Aport from a broken ADF antenno and a week of cloud in Kalaporlie (that just wouldn't go away) the whole operation proceeded smoothly with the completion of 8½ map sheets and the aircraft performing exceptionally well.

> Watch fire dangers the Home





# field notes



HARRY HEARTBALM ON OPS

### PT3 - MAP COMPLETION, WHYALLA, PT AUGUSTA & YARDEA

On 1 November a convoy set out from Dandenong heading for the wilds of Whyalla. The lead vehicle was driven by Andrew (Windsack) Clarke (better known as AC or DC) and novigated expertly by Norm Oliver. The following vehicle was driven by Kalen (Is it 6'o'clock yet?)....Sargeant and navigated by Vicki (SouthernCross) Charman. The following day we arrived in Whyalla and met up with the rest of the crew, Harry Heartbalm Baker, and Brian (always look on the bright side) Fox. Marry selected the accommodation, so two days later we moved to something more suitable. The Foreshore Motel has to be seen to be believed. Looking anto the magnificent Ada Ryan Gardens and located in one of Whyallas prime pieces of real estate it was a real pleasure to be locked up in the motel doing F.I.S.'s and sharing the experience with flies, mossies and cans of spray.

A must for every field party is a 5 ton tow-rope; preferably 2 of them. They are excellent for containing overanxious 1.0.1's; but watch out for rope-burns.

larry Heartbalm was almost heartbroken when it looked like we might spend on extra day out. larry was very keen to get home and get stuck right into some good old home-style cooking nudge nudge, wink wink). The Troops wish to extend their sincere appreciation for the lood parcel sent by Harry's "friend".

findsock and Southern Cross are now experts in changing tyres regardless of terrain. Outhern Cross specialises on steep slopes and rocky ground in 44°C heat, while Windsock claims a gutter jumped out and bit the tyre outside the Port Augusta P.O.

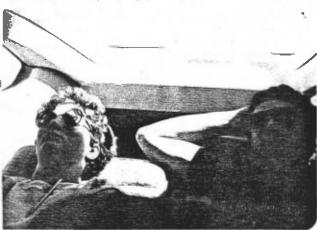
'.A.T. spent a few days with the team at Whyalla, doing ground inspection with Windsock and outhern Cross and attempting a low level sortie with Harry and Windsock. It will remain a ecret as to whether the Melbourne visitor was feeling the way Windsock looked after the urbulent flight.

in the trip home we stoyed in Adelaide. To be more precise, Hindely Street Adelaide.

t was decided by mutual consent hat we should visit one of delaides more entertaining ight spots. (Well it was almost utual since it was someones idea e couldn't refuse).

it about 2.30 am Southern Cross and 'indsock - decided totall it quits and retired gracefully from the cene. Not so Kalen-Newton-argeant and Norm Revolting who aged on at Jules disco until the arly hours of Sunday morning.

he last night was spent (by pecial request) at Macdonalds estaurent where a presentation as awarded to Southern Cross for xtra special achievements in the ield. Later on an extra special resentation was awarded to independ for his imagination in he field.



"SOUTHERN CROSS" AND NORM REVOLTING" ....
FIELD WORK IS HELL!

TSB - FIELD OPERATIONS

### Kooroongal Accuracy Survey - October 1982

Bob Irwin, Muzzo Evans, Ossie, Ian Graham and Harry The Map provided the nucleus of the field party for the Kaaroongal survey.

Pete James and his two Antarctic mates, Tim and Lex participated for about 10 days gaining valuable doppler experience and assisting the job.

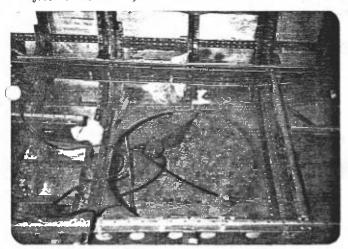
A visit of several days by John Manning towards the end of the survey was enjayed by all. His survey assistance and Antarctic anacdates were much appreciated.

### TSB - PHOTOGRAPHY OPERATIONS

Ed Burke, Bob Smith and Jock Head sallied forth in the newly aquired Cassna 421C on 20 October for Cunnamulla via Camberra where a demonstration was staged for Messrs Allan Woods, Dennis Ives (Dept of National Developments & Energy Chiefs) and Con Voenstra. Mr Woods was very interested in What \$50,000 worth of hole lacked like".

Several days of Barney's Beer and Taxis in Cunnamulla and it was off to Kalgoorlie where, after a couple of welcoming thunderstorms the crew were treated to a spell of the aleanest skies imaginable.

Several weeks of frantic activity followed until the clouds hit the fam. Generally the equipment want well, the aircraft went well and the Federal still services a good drink. A very successful sortic.



"WHAT \$50,000 WORTH OF HOLE LOOKS LIKE".. THE 421C

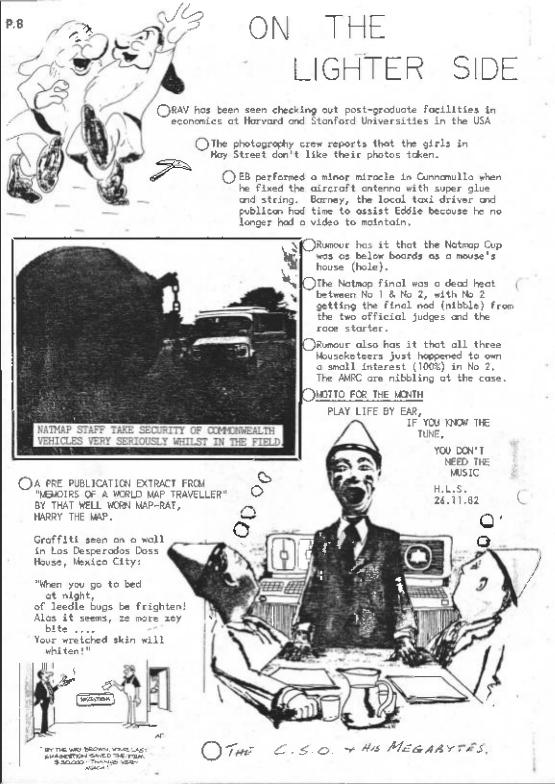


"I must not talk to myself . . . I must not talk to myself . . . "

PROBLEM Magnes of Budges of the Commission of th

### **AGMs**

Not happy with your favourite Activity? Perhaps If needs YOU, your ideas and your willingness to carry them out. It certainly needs you at its Annual General Meeting to make sure a Committee is elected which will run the Activity the way you think it should be run. If you feet you would like to help do turn up at the AGM. THE SOCIAL CLUB'S ANNUAL GENERAL MEETING IS TO BE HELD ON THURSDAY 3RD FEB.1983, 7TH FLOOR. DISTRIBUTED WITH THIS MEWSLETTER IS A NOMINATION FORM FOR THE NEW '83 COMMITTEE, THIS IS YOUR CHANCE TO REALLY GET INVOLVED WITH NATMAP.



# Comings'n Goings

### COMINGS



rughin'it out 1 old Bandung"

- Karen Hitchcock
- Leonie Johnson
- Joanne Vogrig
- Peter Harrup
- Borry Wright
- Teirnon McNamara

- Temporary Receptionist 18 October to 3 December.
- Resumed after maternity leave 25 October.
- Commenced in Personnel 22 November after transferring from G.A.F.
- Resumed 27 November after a stint with Central Mapping Authority.
- Resumed 29 November after Long Service and recreation leave (studying).
- Commenced 2 December on temporary transfer from Natmap Conterna.

### GOINGS

- Audrey Mohoney
- Bob Holland
- Brian Fox
- Departed 22 October to take up duties with Social Security, Dandenong.
- Departed 22 November to take over Geoff Dunn's post in Bandung.
- Deported 27 November returned to Central Mapping Authority.





CHRISTMAS PARTY

MACCLESFIELD TROUT FARM

5TH DECEMBER 1982



FROM NATIONAL HEAR' HELL

## A CHRISTMAS MESSAGE

The papers are daily full of disturbing reports of our national slump, our gardens are getting pretty parched, our solaries have been frozen so perhaps we might be tempted to emulate Ebeneezer Scrooge and say "Christmas – bah – humbug".

Before we fall into despandency we should ask purselves what really is our lat. It seems not too bad to me.

We work in what must be about as interesting a field as there is; we have an excellent physical environment; we have fine workmates and our workplace is largely free of debilitating (and generally stupid) personal divisions; we all have enough to be able to reach out a hand and help, to a greater or lesser degree, less fartunate members of the community.

We are all worm, well fed, free, healthy and, despite the present stumble, looking to a future about as rich as we care to make it.

While I am an unraligious person the other theme of Christmas - goodwill to all, renewal, the belief in the ultimate goodness and salvation of mankind - seems just about right to me.

All of which I think are good reasons to tell Ebeneezer he is talking dammansense and to turn to those around us and say "Happy Christmas".

HAPPY CHRISTMAS

Ş<u>L</u>K

# **Down Memory Lane**

Wednesday 18 August 1971 - SANDY BLIGHT JUNCTION, W.A.

"Comped at dusk and while bending over gathering sticks to light my fire a few minutes later, noticed something of a lighter patch in the gloem moving a few feet away from me, and found another young 3/4 grown, unattached female dingo watching what I was up to. Spoke to her and waiked over and got my wash bowl, about 3½ gallons, from which cows, calves, denkeys and horses, an various occasions

have drunk and noisily poured same water into it. She walked over and carefully crept up to this bowl after about % a minute, then drank the water, only moving several feet away as I poured more in. There is no doubt that usually they go for days and weeks—without a drink. She walked around within a few feet of me, coming over to the fire; taking no notice of my camp light when I turned it on. When I gave her a tin of sawsages and curried rice, the daintiness of the way she picked it up, (as the ame did in the Simpson lost year), and carried it off a few yards to eat, was interesting and far better mannered and less noisy than most people, particularly when they get into the bush. She sat within touching distance as I had my tea and later when I put my roll out on the ground, she curled up about four yards away. She was gone when I got up at 4 am, and light sleeper though I am, I had not heard her drink the water left for her in the bowl o few yards away, nor heard nor felt her carry off the wheat bag, the table cloth cum mat, which I leave close to the foot of my laid out roll."

---------



# **Down Memory Lane**

NATIONAL MAPPING SECTION.

5 - Sich leave.

1949.	July. Aus.	Sert
	25 20 7 4 20 1 2 2 4 5 8 9 10 11 10 15 16	7 11 14 22 20 20 20 20 20 20 20 20 20 20 20 20
ARNOLD, F.J.	FIELD - NSW	
CASPYHS. E.J.	FIELD - NT	
GOODRICK. B.E.	1.5111111111111111111	11/1/102000
CHAHAM. R.D.	FIELD-N.T	
HAYES. D. HOEBS. Miss B.D. HOCKING D.R. HURREN. A.F.	FIELD- S.A. 111.	
Johnson, K.o. √	10000000	
LINES. J.D.	1001 1000 001	13-17 - 1.35
OLDHAM. Mrs. G.)	Don G	: Left to Right - Ted Casp raham, Dave Hocking and Eri At For Left - Jerry Whitl
ROBINSON. R.	(from SA=3)-11/11/11	
PHOMSON. W.A.	1.11.1.1.1.1.1.1.1.11	110 1111/11/11
WHITLOCK, W.H.	FIELD-N.T.	
		Cornel Johnson in

### ABOUT PEOPLE

CLAIRE TESCHENDORF: To Rosalyn (Nee Ash) and Tim at Nowra Gen. Hospital - 5.30AM, 27 November.



■On Mon. 22 Nov. on the banks of the Yarra the toops gathered on balmy (not bormy) evening to forewell Bob "Leather Lungs" Holland and his family off for two years in Bandung, Indonesia. Bob was presented a suitcose and briefcase from the staff of Natmap by Phil O'Reilly, and on the Thursday jetted off from Tulla for a distant land of excitement and intigue. Bob replaces Geoff Dunn who is likely to return to the ranks of VRO.

■Nice to see "Killo" (ie:Reg Kilpotrick) back on deck again after a bout in haspital and home with Murial with a crook back.

"THROUGH MY INVOLVEMENT WITH THE MOTORCYCLE RIDERS ASSOCIATION (MRA), I HAVE PARTICIPATED IN THE TESTING OF MOTORCYCLES AND HAVE SEEN FIRST HAND THE TEST METHODS USED".

"THERE IS A NOTICEABLE ABSENCE OF TEST PEOPLE PREPARED TO RISK DROPPING A MOTORCYCLE TO TEST EMERGENCY

.... Quotes from Blythe Osborne, MATMAP NEWS No:34, 25 July, 1980. Footnate: Recently Blythe sustained a broken collarbone and other injuries when practicing emergency braking procedures as part of the "Stay Upright Course". To odd insult to injury Blythe's motorcycle fell off the trailer on the way home. We wish both Blythe and



CONTESTANT NO.3: "1 & 1/2 WIH BIKE".





### JOB SWAP AT C.M.A. BATHURST

From 16 August to 16 November I exchanged positions with Brian Fox. examining cartographer, Central Mapping Authority. Bathurst. The deal also involved a mutual exchange of homes for the three and a half months. Although I exchanged positions with Brian Fox. I did not spend the time as his replacement since the Authority allowed me to move through virtually every section of its operations. This aspect of the exchange is covered thoroughly in my official report and will not be mentioned again in this article; so you may continue reading!

The exchange of homes was quite an interesting experience! Basically it was a walk in, walk out situation where all that we took with us were clothes. A few phone calls and a letter between Brian and myself and this was sorted out with a minimum of fuss. There were a few worrying moments during the phone calls when certain background voices - which shall remain anonomous - could be heard saying such things as - "his kids will write all over your walls", etc - Fortunately this didn't happen and on our return our home was pretty much as we had left it. Phew!!. Hopefully Brian can say the same about his place.

To effect the actual change over we all stayed overnight at the same motel in Wagga Wagga. Here we excapped keys and information about our houses - where to kick the hot water service and thump the washing machine, etc - and generally checked each other out with regards to being suitable tenants for the next three and a half months. I suppose at this stage the whole deal could have been cancelled. Fortunately everybody seemed to be on their best behaviour - normal behaviour in my case of course - so the exchange proceeded. Brian supplied us with a CNA tourist map showing us clearly how to reach his house at Eglinton - an outer suburb of Bathurst - and we gave him a Melways and wished him luck!

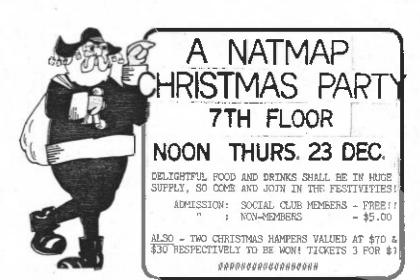
On arrival at CMA there were a few minor lessons to learn before achieving acceptance into the fold. Firstly I was no longer Peter Harrup! I was now Fory - as in Brian not Geoff - or more commonly MEX - as in Mexican from south of the border. In the case of one members well mannered children it was even "Uncle Mex". The second, and by far, most important lesson; was that we were now in BATHUST and BathURST. A third and fairly easy lesson was that the word "been" had been dropped from the local vocabulary and replaced with "middie". There was also an alternative to this word but I tended to choke up on the provunciation - or was that consumption! Of "schooner" I also couldn't understand why some idiot had manufactured these "schooners" without handles on top of them!!

I guess the motor racing minded would have already noted that we were in <u>BATH</u>urst for "The Big Race". Yes, I did go to see it! Apart from the race itself I witnessed other strange rituals such as - falling flat on your face for no apparent reason and sleeping in gutters in the noon day sun - 2! I also noted that for the sake of physical health and well being one either screwnsh. "GO BROCKY" or "COME ON DICK" depending on which particular section of the crowd one was standing in at the time. All in all a very "educational" day in the midst of an enjoyable stay at BATHURST.





# **«BACK PAGE»**







THIS IS THE NATIONAL NEWS.

IT PROBABLY WILL BE THE LAST."

RCH.



TONIGHT!! 4:30PM AT "LE CHATEAU SEVENTH", MAISON ELLERY.

TRADITIONAL WINES FROM THE 'MANNING PARK WINERIES", S.A.

# Social Club Notes

On 3 February at the Social Club's Armual General Meeting the following office bearers were elected:

President Vice President Secretary Transports Peter Guirn Alan Scott Craig Hawke Ion Paga

(new)

Natmap Social Club

Cound t two

Eve Pesti (new)
Megde Rempel
Trieb Booth
Pay Turner (new)

Roy Turner (new) Darryl Williams (new) Norm Oliver

lan Graham (new) D. Dzur (as ex-president) MEMBER POWER!

As can be seen there are six new foces, although some of them have been on the committee or other positions in previous years.

Congratulations to Dove Dave and the '82 Committee for a most successful year. A total of 8 separate functions were argumized by the Social Claim in 1982, and the success of all of these demonstrated the great support the social club enjoys and the committee's ability and willingness to put on a good function. Special thanks to retiring numbers of the old committee Diana C, Dave G, Peter Hansford, Dave F and Kalen for the work they have done over the years.

AT YOUR SERVICE

The following people have generously offered to look after some of the Club's regular services:

CHICKENS
ORANGE JUICE
TIPPO
COKE
MINILOTTO
CAR PARK

Alan Scott Peter Duckin Colin Carter Paul Redriques Peter Hell, Norm Oliver Norm Oliver

THE ANTARCT FO"

"SCIDIT OF



NOTE: As from 31 March, the Social Club has been requested to surrender our basement carpack agots to cater for new Field vehicles and the new temports in Ellery House.

### coming attractions



music fan

6 May 2 July 12 August 3 October 18 November

4 December 22 December 2 February Wine Yesting/Social Sips (?) Bush Denoe Fridoy Might Social Sips Footy Mile or Wouse M' Spouse Lumch in Pork Children's Christmas Forty Christmas Party

? February Trots Nite

Ny have backed "The Bandiccate" to perform at our planned "Bush Dance" on 2 July. We hope to make this a special
event with a family lighest of pround \$15 so please mark this date on your calendar NOW and keep it free,



### in retrospect

A Ploughmons Lunch and a Posta Party were organized by the new committee and held on 25 February and 25 March respectively. Fortunately it was our turn for good menther for the ploughmons lunch which was well attended. Plenty of food and drink muont a good time was had by all. Steve Finvill wan the coffle (at lost) and the lunch finished with a frenzied auction of left over cold meats, bread and fault by ahlef auctioneer Alan Seatt of "Scatt, Scott & Scott".

The Posto-party was not as well attended due nainly to lock of advertising and insufficient motion. We apologise for this and endeavour to prevent this occurring again. Nevertheless an excellent time was hot by all who attended and same attended for a good many hours! Many delicious sources and dished were made by the committee and members at home and very little was wasted. Kevin Crane carried off the roffle - a coffee maker.

PQ

DOTHE RIGHT CHING

JOIN THE CLUB

### Natman Social Club

As everyone is owner the recent discotrous bushfires offected several of our members. The Club conducted a special opposit for the benefit of these people. A total of \$3053,13 was received. This comprised:

\$500.00 danation by Social Club from reserve funds \$500.00 danation by Social Club off Minilatto jockpot \$867.75 danations from staff

\$260,00 denotions from Conberro Notmop stoff

\$925.38 donotions received through the Special Department Appeal

This was dispersed as follows:

\$2403.13 to Dove Pickering

300.00 to Peter Durkin 100.00 to Jeff Fom 250.00 to General Victorian Relief Fund

The generality displayed in this appeal - by our colleagues within the Department and the Division and especially by our own numbers - is very heartening not only to those who suffered losses but also to the rest of us who were more

Comings'n Goings

Not too many Staff Morements at "The Map" of Lote - in fact a paried of some stability does seem to have been established. The probable highlight sow the return of the Teg Lody just in time to evert further great teg trelley disotlers (But Let's put our hands together for the "splendid" job that Joe the driver and the Girls did in Also's absence).

#### COMDIGS

Commenced 13 December 1982 - Transferred Dovid Griffin from D.A.S.

Len Bentley Retired officially on | February 1783.

Geoff Duren Recommenced 7 February 1983 ofter three yeors in Indonesia.

Resumed 11 April 1983 ofter coming for sick Mrs Moson

#### GOINGS,

Tilemon McNagara Departed 21 February 1982 to return to Cramberry.

Barry Wright Off on Study, Rec Leave etc 28 Feb - 25 Nov.

Eric 'Bluer' MooGibbon Off on Rec Leave, etc. 25 March - 8 July touring the U.S. and Canada,

MANY TROOKS to Jon Irask of Personnel for supplying the above information.
Yes we realise we "Boo Booed" and put Hork in amongst the "COMINGS"!



P.Q.

MRS . MASON . . . BACK ON ON THE JOB AGAIN.

Down Memory Lane



EXTRACT FROM H.A., HONSON'S FIELD DIARLES - DUESDAY 1 DECEMBER 1970

"On to Erldunda then Easterly and South Easterley to pick up and sort out tracks into ros. 1 and 2 Dams down to Mit Kingston. Very hat day and found thirty-five head of cattle I and 2 lead down to be largeton. Very but day and found thirty-five head of cottle hunging round corner of fames, and less them a day's supply of water in a scoop hole in d cloppen, four miles every, if they were using that every since the does to which they were bread to was fenced off, with the remains of als recently begade cettle in it, numerous eves all round the dam, and the smell of dooth everywhere. (Sub-Editor's Motas: Like all good didries, this is a bit of a jumble, but rother than disentengle it, feel it is better to preserve originality.)

"Drave twelve miles out of my way to tell the lessee, who was absent, but his wife, another woman, and a young jackerno were sitting on their lawn when I drave up just at dark - It was a very hat night. Got the message acress that sameone needed to go down early next day, and departed mithout the offer of a cold drink of water even, and typical of inland haspitality these days, and far namy years - in fact ever since sheep began to fatch 65, and a good bullock \$100 a head. There was much to do before returning to Melbourne and rain was threatening, so continued on towards Alice"

# **«BACK PAGE»**





# motoring in the 80,

### ARE YOU A SKILLED DRIVER?

THE BEST DRIVERS MAKE IT LOOK EASY ... It takes skill to make it look easy — the skilled driver knows a dozen ways to enjoy safe, happy motoring:—

- He continues developing his driving skills and remembers he is not too old, or too young, to learn to be a better driver.
- 2. He practises to identify possible hazards, to predict what might happen, decides what to do and executes his decision.
- 3. He lets others know what he intends to do.
- He paces himself in traffic and on holiday trips with the right timing ....
- He judges speed and distance and looks for a way out.



- He is wary of all intersections because of the indecision or selfishness of other drivers.
- He adjusts his driving attitude to darkness.
- He keeps his emotions in check for good judgement.
   He adjusts for all kinds of
- weather, good and bad. 10. He has his car fully equipped with tools, first aid kit and other emergency
- equipment.

  11. He insists that all occupants fasten their seat belts correctly.
- 12. He has his car checked and serviced regularly.

AFTER FIVE ROUNDS OF TOPPO BY DAVE MEMOERSON HAS EMERGED AS AN EARLY FAVOURITE FOR THE TITLE THIS YEAR, ANDREW CHRISTEE IS TOPPING TO HIS USUAL HIGH STANDARD AND IS WELL IN THE RUNNING FOR HIS 4TH WOODEN SPOON IN A ROW. SCOREGUARD IS ON THE 745 FLOOR NEAR THE POOL TABLE AND EVERYONE WHO HAS NOT PAID THEIR \$4.00 COULD YOU PLEASE GIVE IT TO IAN PASCO.

IT HAS COME TO MY ATTENTION THAT A CERTAIN FITZROY SUPPORTER ON THE JPD FLOOR HAD HIS TIPS DITENFERED WITH JM ONE OF THE PREVIOUS ROUNDS. INSTEAD OF CETTING FIVE WIDNERS HE GOT THO. INVESTIGATIONS BY THE "TIPPO" BOARD OF WANAGEMENT REVIEWED THAT HE GOT WHAT HE DESERVED AND HIS PROTEST IS HEREWITH DISMISSED.

TIPPO (C.C.)



OCT'83 DANDEHONG OFFICE NO:46

### In the Beginning...."

· GENESIB 1.1

This detail plot was probably the first photogrammetric compilation produced by the Division.

It was made in the first Melbourne Office located in the old MLC Building on the corner of Elizabeth and Callins Sts just after the office opened there early in 1948.

The cerial photography was taken with a K17 camera by 87 Squadran RAAF in 1947 at a naminal scale of about 1:46 000.

Ground controls were traverse stations established by the first Chief Topographic Surveyor, Mr G.R.L. Rimington along the Stuart Highway some years earlier.

Model control was established by a graphical principle point traverse on "KCDATRACE" material, detail points were fixed by intersection and plotting done by the "shift and trace" method. Form lines were based on an arbitrary datum.

A number of these strip plots were joined to form a compilation covering the full 4 mile to 1 inch series map of Tennant Creek which was used by Dave Hocking in the field later that year for barometric heighting and estra fixation work.

TENNANT CREEK CENTRE KEY

PLOTTED ROAD STATIONS STUART HIGHWAY
CONTROL : CABBAGE GUM BORE-R493

P. P. MAD DETAIL PLATE BY WASTISHISON 28 4: 49



# Social Club Notes

# social calendar

- 1. FAMILY FRIDAY NIGHT FUNCTION ... the last one for 1983 --- and maybe forever ?! , and it is on up on the 7th Floor on Friday 14th October.
- 2. PLONGHPERSON'S LUNCH IN THE PARK --- lunchtime on Friday 2sth November.
- 3. CHILDREN'S CHRISTMAS PARTY at the same venue, maches field Trent Form on Junday 4th December.
- 4. CHRISTMAS PARTY ... Venue is unknown at this stage, but it is on Thursday and December.

The Bushdance on Saturday July 2nd was one of the most enjoyable and successful functions held by the Natmap Social Club. The Band for the night was the bush group colled the Bandicoots. It took little encouragement to get everybody on to the donce floor and joining Into the spirit of the night. The 7th floor was decorated to create the treditional bush atmosphere with hay bales (courtesy Kink Enterprises) gum tree branches, posters etc. The ladies on the social committee provided the excellent casserole dishes for the supper. Much liquid refreshment was dispersed by the boys behind the bar.

# in retrospect



"THE BANDICOOTS"

Everybody had a rollicking good time as can be seen by the two albums of photos taken on the night, (at left). Unfortunately due to changes taking place on the 7th floor it may not be possible to hald such functions any more, (sob!).

Dictoted by Acting President: A. Scott Ghost Writer : N.J. Oliver

# FOR SUCCESS

Natmap stormed home in gale force winds to smatch victory in the Annual Commonwealth Inter-Departmental Golf Tournament.

150 top golfers from 17 Departments took part in the intense competition at Amstel on that first Tuesday in October.

Jubilant team captain Goldsmith accepted the shield which will be held by Natmap for 12 months.

"Ex-Captain Ian Shiell will be lucky to get back in this team,"
Goldsmith said at the presentation. (Shiell a key member of past years was out in the field).

Natmap's winning score was 191. Individual results were:-

D. Goldsmith 36 pts 34 T. Larkin C. Carter A. Christie P. Hall B. Irwin G. Moulton 21 D. Hocking

The shield will be on public display in foyer, 5th floor, Ellery House, Dandenong for short period before being stored in vault until next years defence.



HAWTHORN AUSTRALIA 11 NATIMAP GOLF TEAM

WHAT A TREBLE -

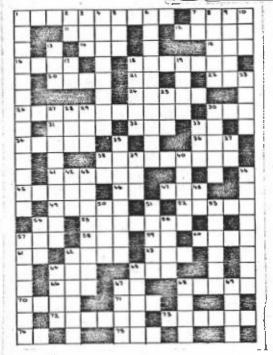
I quess we all feel pretty good when David really does get up and roll Golioth so we are doubly proud of the golf team.

Congratulations to all team members on a great effort.

S.L.K.



## Quick Crossword



### ACROSS

1.He spent 15 months in the Antarctic 7.First man

11.Quad

12.Facial expression

14. Japanese currency

15.51ck

16.0mm of our surveyors

18.A lot of us have this bad habit

20. Flesh

21.Negative

22. She will help you with any enquiries

about photos or maps

24. Separate

26.0mr jet setter

30.Snare

n. Thin

32.First woman

33.Bachelor of Arts (Abbr.)

34. European country

36.Month (Abbr.) 38.Rightside

41.Acquire

45. Young cel

46. Initials of 16 Across

A7.Frozen water

49. Peurile

52. Wilfully set fire to

54. He use to play football for St Kilda (Init) 67. Unite

55.Design

57. ... Humbug 58. Hole in the ground 59.Marcus Welby M.D. (Actor's Init)

61.Our treasurer (Init)

62.Grain storer

63.Rodent

64. One of the editors of the Natmap News 65. She owns an English Sheep dog named

"Mallia"

66.Grain

67. One of our electronic experts (Init)

68.Satisfied

70.To port 71.Hard wood tree

72. She was Mrs. ..... but is now Mrs. Owen

73. Corded fabric of mercerized cotton

74. Pinfeather (Init)

75. Presh

#### DOWN

1.Gringo

2.He use to work for the Army (Init)

3. ... the Boy

4. Inquire

5.Alma uses one of these everyday

6.Captain Kremmin

7.Our Tea Lady (Init)

8. Nickname

9.Line up

10. ... Elanc

13.Tee Zee

17.Compass bearing 18. Other nickname for One Down

19. King of the apes

23. Memorandum

25.Single

27.Surname of 8 Down

28.Snake-like fish

29. Fodder

30.Mother-O'-Pearl

33. Type of snake

35.Small dagger

37.Captian of Essendon (Init)

38.State in Australia

39. Also

40. One of our electronic experts

12.Man's name

43. Monk of an order noted for silence

AA.He use to be a tram driver

AS.Elizabeth 11

50. Tack

51. Hocket is his game

53. His surname is bird-like

54.Cover

56. She's sometimes called Rhino or P.K.

57. Harry Baker's mickname

62. Not standing

64. To take off hat

65.Rent

68.Fired

69.Leave

Pat Boot

# **CASEY 1982**

The Australian Antarctic Station, Casey was opened in 1969 to replace the temporary station, Wilkes, 1kkm away. Wilkes was established by the Americons for the International Geophysical Year 1956-57 and handed over to Australia in 1958. The new station incorporated several new features. The buildings are in line. connected by an outer corridor along the windward side. The whole station elevated on scaffolding 1½m above ground level and aligned across the wind, which then blows beneath the building as well as over it preventing snow from accomulating against the ice side. A re-building program is now in progress which will be completed by the end of the decode.



BOB GOLDSWORTHY ON UNDULATION SURVEY

The Voyage south is inevitably rough and the 'M.V. THALLA DAN', which would roll on wet grass, has half the expedition in their bunks with sea sickness. Furtunately the seas smooth out at the pack ice which gives us a few days to recover before reaching the station for the busy change-over.

The station is sited on a perinsular overlooking Newcombe Boy with views of ice cliffs, islands and ice bergs. Penguins, petrels, skuas and scals abound in the area during the summer months.

Change-over is a seven day bustle of activity, the first two days spent camped on the Vanderford Glacier running a JMR, then a day in the kitchen helping the station 'slushy' wash and dry dishes for 90 people. The remainder of the time spent stacking stores and dadging tractors while in the spare time getting to know the survey office and it's equipment. Finally the station is handed over to the new expedition and the old expedition departs, packed onto the LARC's and sitting ducks for the farewell barrage of flour bombs, expired fire extinguishers and eggs,



Three Adele Penguins at Shirley Is surrounded by Antarctic Division staff wearing dinner suits.

cryptically marked 1979. They took this in good humour, firstly nothing can dampen the anticipation of homegoing and secondly they all knew that sufficient food colouring had been put in the station water tanks to turn the water supply a deep yellow. Very disconcerting when brushing the teeth.

After the rush of change-over everyone settles into their quarters and workplace and the station acquires its new personality for the year as differing talents emerge and make their stamp on station life. The building and scientific programs get back into full swing with good weather and extended daylight.

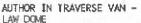
For recreation there is a library, pool table, films, video, record and cassette player and on Sunday there are walks, skiing fishing, wildlife, photography etc in the station vicinity. In addition there is the apportunity to use the metal or wood workshops, learning to use machines not readily available back home. Just ask and there is someone who can answer and teach.

With limited news input it's not long before the wags emerge to contribute rumours and invented news items. A notice by the OIC calling for volunteers for sea ice measurements, snow petrel counts, chick banding etc, soon has on addition for the leapard seal castrating program, no valunteers but a few names nominated.

Then there appeared a mock telex to the effect that four women expeditioners were coming down and would take over one of the sleeping quarters, and directed that 8 men be shifted to temporary accommodation to allow their quarters to be converted to sleeping, oblution and tailets for the ladies. Such is the attachment to our private domain that the affected parties led a deputation of protest to the OIC who wrung the last drop of emotion from them before overting a full scale mutiny.



As is nature's way, time seems to smooth over the more difficult aspects of working and living in a hostile environment so that mostly the good times are remembered. Some memories are vivid, like lying snug under the doone listening to the howl and vibration of a blizzard. Or leaping out from under the doona at the jangle of the fire alarm at 2.00 cm. Nightwatch, and a patrol through the sleeping station, a cuppa with the insomniacs between cleaning toilets, ablutions and dining room. The sunset colours of the brief winter day. The rowdy warmth at the evening meal. Lasting impressions of 1982. A very good year.



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RECEIVED YOUR MISE VIA OUR OFFICIAL SKED WITH CASEY. FIRST THE AMERICAS CUPLAND NOW NATMAP COMMONWEALTH GOLF CHAMPIONS. TEAM MEMBERS. I BELIEVE YOU WERE AFTER SOME DETAILS OF OUR SPRING TRAVERSE FOR THAT WELL RESPECTED PUBLICATION THE NATHAP NEWS. HERE GOES.

THE AIM OF THIS TRAVERSE IS TO ESTABLISH 14 TOE MOVEMENT STATIONS ALONG A MEYER-BEFORE TRAVELLED ROUTE GUANING FROM A POINT GOOM SOUTH OF CASEY, WESTMARD TO INTERCEPT A RUSSIAN LINE SOUTH OF THEIR BASE AT MIRNEY. WE ARE PRESENTLY AT STATION NUMBER 5 WITH 450KM OF MEW COUNTRY YET TO TRAVEL. PROGRESS TO DATE MAS BEEN PAINFULLY SLOW IN POOR WEATHER AND SOFT SNOW. TEMPS MAVE BEEN AS LOW AS MINUS 53 DGS C. LATELY WITH DAILY AVERAGES AROUND THE MINUS AO MARK. I AM TOLD THE WATHER INPROVES AS SUMMER APPROACHES BUT I AM STARTING TO MAYE MY DOUBTS.

1 HAVE FOUND ANTARCTICA TO BE A VERY REWARDING PLACE TO WORK AND HAVE THOUGHTS OF HOME, FRIENDS AND LOVED ONES ARE NEVER FAR FROM MY HIND AND I LOVE FORWARD TO SEE INS YOU ALL IN MARCH '84.

I LOOK FORWARD TO SEEING YOU ALL IN MARCH '84.

SIGNED YOUR ANTARCTIC CORRESPONDEND - POLAR PETE.

HEWS FLASH

m × m S M Þ a

SPECIAL E AND THE PARTY AND THE PROPERTY OF THE PROPERTY

NO Queenslanders are nong sis men about to rgin un historic journey to lands where no one as ever set loot.

on the latter will be the University of the State of Stat

carios to the frames. Authoritic Piers from the Stouch Piers.
Ston from the Stouch Piers, and his team of modern-day more real hand bear of the from the more me based on the spring me based on the spring

max marc of Cherry and the syring lyantly mid, which bilicorens, and chromes makes from temperature, for piter for instructional groups and et al in the instructional groups in et al in the instructional groups in the control of the control of produces and the control of the control of produces and the control of th

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Equipment

By STEVE HOWARD

# DED WHERE NON S WALKED R

The Australian explorers medy to set off from Case, Sasse share, now, from left) Tim Mechanis and Peter James; and (front) George Hederak, Bob Yoss, Brean Harvey, and Lee Herris.

hydrograph for the Department of being and Thermology's delarries risem, for faintin Sevia mid the risem to faintin Sevia mid the rise traverse would fielder the Non-cleration part of the Innovation of many services.

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This is of extreme importance

### Comings 'n Goings CONTRACS

Gladys Aponter

: Special Yorth Employment Training Program Temporory Typint 25.7.83 to 18.11,83

Koren Hälldhoock

Verporary Typist Receptionist 15.8,83 to 18,11,83

Bluey MadGibban

Feturned from Alaska, atc an 8.7.83

### GOENGS.

Dineke Ketelloar

Commenced Molemitty Legye 1.7.83

Jon Track

Transferred permonently to Department Employment & Industrial Relations, Comberna 5.9.83

Clomo Comenter!

: Communeed Motorphty Loove 5.9.83 of Science (Anterotice) 5.7.83

Jacon Entok Andrea Turk I Transferred personently to Department Six months leave to work at University of Malbourne 24,9,83 to 23,3,84





ROCHESTER, VIC.





# ON THE LIGHTER SIDE

### CLASSICS FROM THE PAST

Do you remember:-

- The Clerk who went home for the day with the Assistant Director's air ticket for travel to Camberra the next day. Result a very frightened Clerk confronted by a very red faced and angry Assistant Director the following day.
- The field assistant who cashed his TA Advance and vanished with the office ute. The field assistant was never found but the ute was.

### Extract from "La Terre" by Emile Zola (1886)

'There he is,' said Jesus-Christ at last: It was Grosbois, the qualified surveyor, a peasant from the neighbouring village of Magnolles. His knowledge of reading and writing had ruined him, for when he was called from Orgeres

to Beaugency to take up surveying work he left his wife in charge of his own property and acquired such drunken habits on his continual journeys that he was never sober. He was very fat, hale, and hearty in spite of his fifty years, with a large red face covered with purplish spots, and although it was still so early he was already revoltingly drunk, for the night before he had been drinking heavily with winegrowers at Montigny, celebrating the division of an inheritance. But this did not matter, for the drunker he was the more lucid he became, he never made a mistake in his measurements or calculations. Everyone listened to him with respect, for he had the reputation of being extremely spiteful.

'Well,' he said, 'We're all here. Let's get on with it!'

#### FROM THE FIELD PARTIES

 Management will be pleased with the way Canberra and Dandenong Natmappers combined happily on the Territory Control Job. It looks as if there'll be no integration problems when the Canberra Office is moved to Dandenong.



"The birthdays just keep getting better".



# ON THE OTHER LIGHTER SIDF

- Reports coming in from the West indicate that there is now only one gold mine in Wiluna -THE PUB. The population of 35 whites, 500 blacks and a few Natmap people consume, on average, 1,000 doz cans and 71, 18 gal kegs per week.
- Reg Kearns didn't ride in the Tennant Creek Rodeo this year but he was runner up to Canberra's Tom Mueller in the squash tournament held at the "Dolly Pot", thankfully a squash court with a liquor licence.
- The local constabulary in Wiluma pub Syd is looking for promotion to thought it necessary to restrain a certain semior Natmapper with handcuffs one night. It was supposed to be only for a short time but the keys couldn't be found.
- pilot after successfully flying ESU from Meeka to Wiluna.

### Real Life Drama at Natmap

One afternoon on the fourth floor while casually glancing out of the window at our car park, a person (name withheld to protect the innocent) noticed somebody removing certain items from one Michael Lloyd's ute and placing them in his ute. Seeing this, Vicki called out in a most lady-like scream 'Somebody's knocking stuff off out of Micky's ute.' Our resident hero Gary [Kink nothing to do with Collingwood) Burriss raced downstairs to apprehend the culprit. But alas! He was too late or too slow due to a weight problem, The offender had taken off. However the ever vigilant staff of the 4th floor saw the fleeing vehicle drive around to a nearby carpark. Upon seeing this Goldy and Oliver raced downstairs and over to the carpark and confronted the thief. Oliver was heard to Say to Goldsmith - 'If he puts up a fight you hit him Goldy and I'll go for help - pronto'. As it turned out he was only taking the tarpaulin and support from Micky's ute because somebody had taken them from his - which is fair enough! I think?? At this point who should blast onto the scene with a screech of tyres, doors flying open and smell of burning rubber but the Natmap Starkers & Crutch team - Kinky & Vicki. Thinking that Oliver and Goldsmith were friends of the culprit Kinky grabbed a tyre lever and leapt out of the vehicle with Vicki 200 metres behind. At this point it was a good thing that the victim was wearing his brown cords. He handed over the stolen goods with question - Where could I get another tarp because it's not my car and someone stole it? To which our resident hero and wit Kinky replied - 'You could try buying one, in fact I happen to have a selection with me at the moment.'

From Naturap Crime Reporter Private Dick

### RHI's from the Office

- That Pirwill jumior the 2nd will be named Milligan
- . DD's doubled his acreage in anticipation of doubling his family
- That Claire is hatching something . That the Purchasing Officer is calling quotes for Tub's new dustcoat
  - That Bear might become an American citizen
  - . That Natmap might move to Cairns

GROUP 2 TCB FIELD REPORT

WA TRIP #1 - 26 APRIL 1983 TO 29 WAY 1983

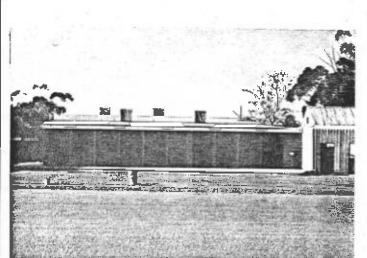
This expedition commenced in the early hours of the morning ofter Anzoc Day with 'Disco' and 'Min' braving the Melbourne traffic in the Toyota S/W laden with some of Melbourne's finest fluid (water of course). Stop-overs on the way west to Kalgoorlie were made at exotic Adelaide, bustling Ceduna and invigorating Calguna, where drinks any stronger than their coffee were hard to come by. While this sojown continued, incidentally not without the inevitable fuel line problems with the Tojo, the remainder of the field party, ably led by 'Grum' with some assistance from Jock and also Dr Al "Year of the Cat" Stewart (who was trying to break the record for the amount of gear he could stuff in a ruck-sack) made their way across the Nullabor from Melbourne in ESU ('Suzie', stopping now and then to try and liaise with a certain TSB field party that seemed, later, to follow us wherever we went. Dr Stewart was experiencing Natmap and Australia at its best following almost 6 months secondment from Canada. primarily stationed at our Camberra office. Finally the party of five were brought together in Kal and with the TSB photography crew in town it seemed Natmap had taken over. (Actually within a week or so the Notmap Regional office at Kal had grown to 14).

The business end of the trip commenced following transport by vehicle and aircraft of the party to Loverton, some 240km north of Kal. Aerial, and some limited ground, inspection within the Duketon and Throssell areas was soon completed. Dr Stewart was being worked pretty hard, and enjoying it, but we did allow him some time to take the odd (200 plus) photos and to sightsee. At night-time he was 'grilled' for the good oil on his thoughts of Natmap and, in particular, Canberra/Dandenong relationships, and what really goes on up there. We managed to get Dr Stewart book in Kal in time to catch his plane to Canberra, via Perth, and at the same time repositioned our base to Kal, to tackle the Leonaro/Menzies area.

'Grum' was a last minute inclusion into the party following on lith hour decision to include the Leonora/Menzies map sheets for inspection. On the one hand this made him quite happy (to be out in the country he loved again) but on the other, due to the smaller than usual party size and the significantly heavy detail of these sheets it means a larger than usual individual work load. Needless to say, it was non-stop all the way (work I mean)! However, there were some compensations: the barmaids at the Exchange; Jimmy Nunn at the Menzies Railway Hotel; and some friend-ships made and others re-kindled (especially for Grum!).

Dave, Grum and Min continued with GI in the Leonora/Menzies area following Jack's return to Melbourne in 'Suzie', after completion of AI and some supplementary photography. Despite its remoteness the countryside was undergoing quite significant change which GI assisted in determining.





### WA FIELD TRIPS #1 & #2

### TC3 GROUP 2

Matmap Regional Office NM/F/129 - Kalgoorlie





3. I've had enough, back to Canada for me! (Dr Stewart)



GROUP 2 TOB FIELD REPORT

WA TRIP #2 - 11 JULY 1983 TO 8 AUGUST 1983

Not long after the great Natmop Bush Dance in July, 'Min', Hattie and the mater bike twins, Blythe and Pater Hansford departed for Perth, courtesy of Ansett Airlines. After a pleasant interlude there, which included some 'chit-chat' and strategic planning (3) with DRH, Milton and Harry (Cannon-ball) Baker, Hattie and Min proceeded on to Kalgoorlie for the night, while Blythe and Peter remained with Harry and 'Suzie' which had a small teething problem.

Hattie and Min nursed the two Toyotas stationed at Kal up the road to Laverton and it wasn't long before Harry and the others arrived, which meant we were 'hot to trot'. However, all was not fine with the AMCAS man at Loverton, but Harry was able to win him around with smooth talk and a sympathetic ear.

Inspection work in the Roson, Neale, Laverton and Edjudina areas continued smoothly except for a malady which seemed to hit everyone (except Min); even Hattle was noticed to cut down, momentarily, on his eating. Both ground and period inspection unroated areas of genuine interest for example, large but quite old mining complexes (eg. Mt Varden); ruins of old Gold Rush settlements (eg. Mt Morgans); and even a wrecked plane which had Harry intrigued, plus some of the oldest and most remote parts of Australia (eg. on the road to Neale Junction).

The boys were finding Laverton itself quite a place of interest with quite a few attractions and amenities despite its remoteness (even indeer cricket (Ladies!) and a roller skating rink). In particular, Harry's tast buds seemed to be more than adequately cater for, especially where soup was concerned. A visit to the town by the MUCKY DICK Bush Bond (who were very versatile) completed what was an excellent, almost bassle free stay for the party.

Harry having returned home, the party relocated to Menzies to finish off the necessary GI. Once again, as in May, the meals and hospitality were good and the bays were well looked after, particularly Mattie who seemed to be having a clandestine affair with Maude the cook (sorry Trish!). The Motel's video collection was well and truly investigated with some getting two showings.

The odd tyre puncture, a brake lead ripture, next to useless response from the CODANS, a near disaster with a Bell's transport, nil result from a prespecting exercise and the stomach maladies were more than offset by the countryside, the fresh air, the hospitality and, of course, again, the bormaids at the Exchange making the overall job a pleasant one, and the return to affice, a little hard to take.





All in all the trip could be summed up as being a productive and adventurous exercise which was a little too long for some and definitely too short for others. However, it was an experience worth repeating although all doubted that such an apportunity would arise for some time. In fact, one member found his doubts to be unfounded less than 6 weeks later with a return trip to the thriving metropolis of Layerton.

#### SURVEY BRANCE FIELD NOTES.

#### Control

Reg Kearns returned to the security of the office 26 September. After all the field work he has had this year it will be a pleasant break for him.

Following on from Rod Menzies' return from the same survey in NT. Reg's return leaves only Micky Lloyd to keep the job flowing smoothly.

#### Photography

Joe and Ian Graham were recently replaced by Eddie and Ossie to complete the balance of NI and NSW program.

SLK spent some time around Tennant Creek observing control and photography procedures.

#### Other

- Muzza and Leon recently returned form the white slopes of NZ where skiing and sheing vied for priority.
- During October three members of next years winter expedition to Antartica will receive familiarization in surveying techniques plus assist Bob Irwin in the establishment of a local geodetic EDM test range and astro reference.

A brief summary follows of phase one of joint Comberra/Dandemang operations currently going on in the Territory:

On the 12 August Reg Kearns and Micky Lloyd arrived in Mount Isa riding a fine pair of D1310's. Rod Manzies flew into the Isa on the same day and our three were joined by Conberra Natmappers Dick Witrzens, Tom Mueller and Maris Legade. After giving Slim Dusty a hand with his movie and ensuring a successful radeo we moved on to Concoveal, the Territory and the survey area.

Tom, Micky and Rod formed one team, establishing and identing additional height control stations, while Dick, Reg and Maris commenced levelling to existing stations.

On 26 August, Comberra reinforcements in the shapes of Frank Blanchfield, Steve Yates, Noel Templeman and Tiernan McNamara, arrived for the commencement of the Doppler phase of the survey. The survey area ranged North and South of Tennant Creek and east of the Qld border (Syd Kirkby visited the field party and Brian Nurphy is now in residence).

The ten Comberra and Dandsmong Natmappers quickly formed an hormanious team working together to mend staked tyres, obtain survey information and to support local industries when in Jennant,

#### YISTA NOTES CONTINUED.

#### FIELD INSPECTION TEAMS | & 2



Party of J. Gould, I. Pasco, E. Fletcher, A. Rynberk and J. Head (Pilot), inspected the 250 000's of Belele, Stanley, Nabberu, Bullen and Trainor in WA during September.

Party stayed at Mackatharra for 1½ weeks and enjoyed warm climate with excellent days for flying (VH-ESU), and Ground Inspection.

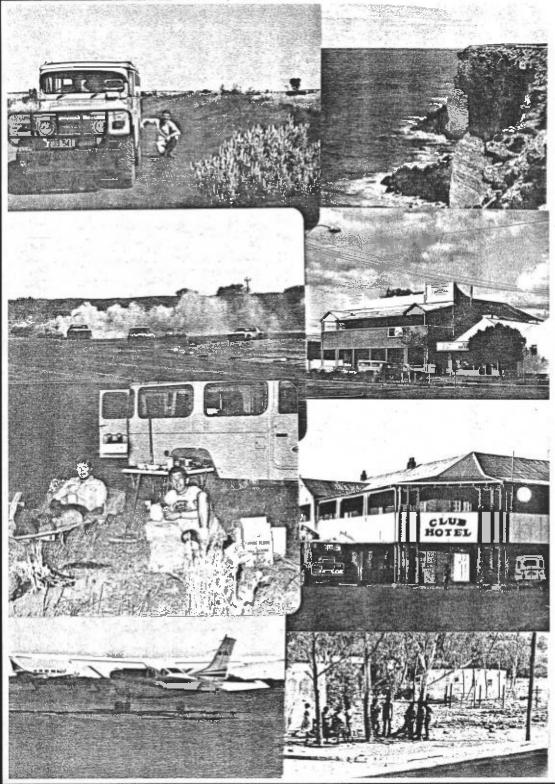
Moved headquarters to Wiluna (Pop. 23 whites) and 100's of Aboriginals. Weather was perfect and we were able to take some photography of the Canning Stock Route which traversed its way across 4 sheets. Station owners proved to be most helpful regarding all Map information we sought.

Highlights included seeing the magnificent breakaway country, the old Arsenic and Gold mines at Wiluna and the welcome we received from the Aberiginal Population at Wiluna.

S.L. Kirkby also dropped in for 2 days to see how the job was progressing and also to relive old memories of the 1950's. A good trip was had by all topped off by driving the 2 Toyota's back across the Nullarbar.

FLASH BACK TO 31 JULY 1977.
" SOCIAL WELFARE MCVE TO ELLERY HOUSE."





#### **DUCK-SHOOTING**

idday. Now I'd like to have a bit of a natice with you about an activity known very loosely an durit sheeting. I understand there are people about who believe that durit sheeting, it as somewhat barbarte caper involving the mass murder of the very beautiful winged quecking persents. Now this is quite einigly a canard, as any restauration will tell you. I've known duch abouter, can send women, all my life and I've never known one of them to even harm a duck, much less kill one. As a matter of fact I come heard of a bloke who claimed to have killed a duck when the heir life them of a fire engine but I think the fart that the duck had heel and the plates and a number 9% stamped on it and to all intends and purposes appared to be the world's fixel being duck may make one doubt on the actual substance of the beaut. The bloke actualty gave his norms an Napoleon too, which gave his ortices a fair bit of duchs more.

The crocial semantic point to be ingested in that duchosting means abouting at ducks, rather than actually the ring ducks. This is done as follows. You belt prometed at in a herbyshead border connectors to you can't be seen by superns at all under any circumstances except from the air, by something like any, for argument's spike, a duck. You aim your shought not give the duck the nimportant thing at about this stopp is the duck the impression that you are actually covabell, personally, another duck.

There are two main methods of achieving duckhood. The first method is to fire the shoigam. This will break your abouting off and field both your arms prestly around your back in the manner mode formers by wings. You'll fell back wards into the water and you will look and field distinctly duckwards. The other thing to do of course is to sound like a duck, and for this there is a time-shoebured device. You take a large bestle of whilely, remove the cap and such on it very hard, drawing the liquid up into the body and making eractly the same cound that ducks make when they're having a free. Of course, in a twinking of the first person you'll nee ducks awonging about all over the place, and anakes, and in the fullness of time, slephants on birgeles.

Fortunately though, duck-shooting is a sensoral activity, which is a bloosed relief to us all.



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**DUNTRY WOMEN'S ASSOCIATION** 

## COUNTRY RAIL



Froin troval just won't is the some. As a berdened trovaller of wony years on the country sarvice to the City, and new Domdenoon, these are tongerine country corridges just don't measure up. Just check but the following list of erdearing features which howe gone forever with the departure of the old wooden, corridor railing stock,



- O No eracks and "ventilated" windows to let fresh air in on the frosty manne.
- O No leaks in the roof, etc. resulting in surprise reactions from eithing o a met seat.
- O And in summer, no more dirty hankles from wiping the dust off the sects.
- O No more end drift, side wobble, drunken sollar lurches, and friendly "chatter" of square wheels on a flat track."
- 1) No more cosy chots, aly grog sessions and dirty joke telling in the privacy of the old dog box. (Sound travels like crazy in these new jobs!).
- OAnd a forgotten skill no more diving for the door to beat the school kids to a comparison ton your own. (A gregoriess lot we Australians you!)
- O'An and to doubtful dykes and brock(sh rallway water dan't they know byojene can kill?
- O'No more wolking the length of the carriage to find the "MENS" is up the other and. (They're all one now).
- O'No node squeezing post Was Midebatton stuck in the corridor with her pusher, porcels and "billy lids" in toe.
- O And no more unacheduled trips onto Tymong because turning the corriage door bush of MCG foils to have the desired effect of opening it.

No, these new push british conviouss will never do. They're for too confissable, too saish, and much too unbone for us hardered whoden plonk type travellers. You squite in the peat become you feel it's all too good, such too grand, wotching the green fields of Gippsland sweep by through the penceroic windows, from an armchair sailling. There's some moustaglot though — the windows are all listy.

Veteron train travallars everywhere are seen staring doubly into apace in a state of shock. It's only the accessmal travellar and study backs who cookle and titter about how miss the couringes are. "Ooh, look at that! All push butten you know!"

"Get whiz, wall to wall comput, n' ised water fountains, n' luggope compourtments. And leak Derkly .... a snock bary, can i have complin"? "Shoddup kid, it's not open yet!"

Not us though. We're writing for someone to pinch us and wake us up from the dream. I mean, you can't concentrate on what's for tea tonight, and on who's going to allk the house coe, and other worldly problems.

Aust thick, thirty seven now ...... IB years to go to un early retirement. Eighteen years of interminable travel on these retten new, early corriages with no character. I can hardly east.





#### **HARDWARE**



## digital

After many months of anticipation the time we had all been waiting for had finally arrived: the new computer room on the 4th floor was completed. The PDP||/40 and all its peripherals were carefully dismantled by J. Ely & Co and carefully transferred from its old haunt on the 1st floor to its new glass enclosure on the 4th floor.

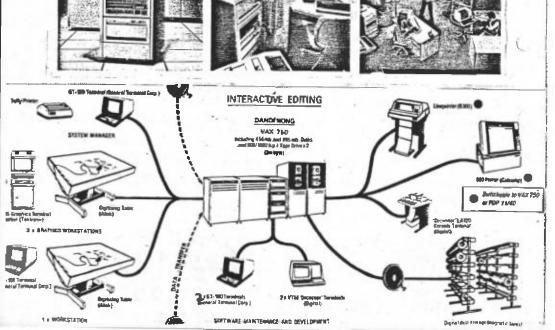
On the morning of 13 July a black cat crossed R.E.'s path, L.D. walked underneath a ladder, S.P. broke his mirror at home but worst of all the PDP11 became operational.

Our run of good luck (or bad luck depending on your point of view) continued when two days later on 15 July the VAX computer arrived after mysteriously being lost in transit from the west coast of America.

The magnetic tape drive became separated from the VAX and did not arrive until 20 July. On 22 July installation of the VAX commenced and it became operational on 4 August. Work immediately began on physically transferring all the digital mapping programs from the PDP 11/40 to the VAX 750. This work proceeded ahead of expectations and it became available for production/evaluation on 14 September. VAX users should bear with us during these early stages as unforeseen problems are bound to surface.

The computer staff are still furiously at work behind the Great Wall of Thomas Street refining the system on the VAX. Once these problems are overcome work will then return to the backlog of Modifications/Improvements required for both computers. If they find some spare time they might even attend some short courses for the VAX.

for the time being HAPPY VAXING!



## m

Australasian Post - 24 Morch 49 GOLFE Put skill into your hands with **GOLF CLUBS** ROBERT FORSAN := of Scotland Surf vertical form II: Andrews, where Negati Chile world by the proof features from all gold side matters in this world you people while to ANDREWS SETS or SURGAL CLIPS. With Surgers, you was reld white an your dealed and belief up a plantace of all the world's stream gold chile. . FORGAN'S NEW "DE LUXE" FORGAN'S "SCOTIA" . FORGAN'S "GOLD MEDAL" ofe and frame of the St. In the st. In the ALL PURSAN TRUBE AND STANDING STORL SPECIAL OFFER. Complete peris of English professes about trees, differed date "Appelle" aboute in Mon. U. S., S., Irans, purpose good Mg. 2 "Appelle" about in Mon. U. S., S., Irans, purpose good Mg. 2 Melbourne Sports Depot

#### NATMAP GOLF CHAMPIONSHIP 1983 BEACONHILLS GOLF CLUB

Cool cloudy weather with the threat of showers prevailed through this year's golf day. Fortunately the showers did not eventuate and some good scares resulted.

Congratulations go to Dave Hocking who won the D.R. Kocking Shield with a fine score of forty-six points.

Col Carter boomed them off the tee for second place on thirty-nine points.

Dave Goldy and Bob Irwin followed clase behind on thirty-eight and thirty-seven points respectively.

Dave Goldy and Pete Williams (Guest) shot eighty-nine gross followed by Bob Irwin ninety-four and Dave Hocking minety-six.

Front-mine winners were Col Carter, Daye Goldy and Bob Irwin each scaring twenty-one points.

Back nine winner was Kevin Crone with nineteen points.

Dave Goldy won the nearest-the-pin on 6th hole with a great 9-iron shat to about one metre.

Curly Christie hit a boomer off the first tee to win the longest drive.

An enjoyable day was had by all and a special thanks was given to the Beaconhills Club for the reasonable prices, good food and well maintained course plus the delightful refreshments at the 19th.

natmap social club last friday night function for 1983

Family fun night

55 ELIZABETH & 855 SWANSTON STR. MU7244.

4:30pm FRIDAY 14th OCT on 7th FLOOR

SELECTION OF FOODS pies, pizzus, chicken

AMUSEMENTS FOR MIDS

RAFFLE: 450 Gift Voucher from Billy Gayatts

X also End and 3rd Prizes

members a family beer tasting competition non members a family

#### THE CHIEF PILOT

The Order Pillet is ALWAYS right

In the Empossible hypothesis that a subordinate may be right, the above rule becomes Immediately operative,

The Chief Pilot does not sleep, he zests.
The Chief Pilot does not est, he sustains himself.

The Chief Pilot does not drink, he tostes.
The Chief Pilot is rever lots, he is delayed elsewhere.

The Chief Pilot never leaves his work, his presence is required etymphere. The Chief Pilot never reads the paper in his office, he studies world officire.

The Chief File! never takes liberties with his secretary, he educates her.

Wheever may enter the Chief Filets office with an idea of his own must leave the office with the Chief Filet's ideas.

The Order Pilot is always Chief Pilot even in bothing tags.
The more one criticises the Orief Pilot the horder the flying checks become.

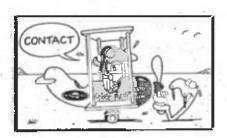
The Chief Pilot has to think for everyone.

Mhymower a subordinates ideas are good, they are no longer his,
they are the Chief Pilots ideas.

Worship of the Chief Pilot is permitted, The Chief Pilot is beyond reproach.

#### (CHICKISTON

The Chief Pilot is a dictator. One wast prevent Chief Pilot's sourceing so the world con avoid on intraces in their numbers.





We couldn't let the moment pass without acknowledging the magnificent efforts of our America's Cup Crew in their recent

triumph at Newport.
Our smiling model
at left, Ann Cameron,
gladly posed in an
appropriate T shirt
for our rowing Matmap photographer.



The last production of the Narmap News in May, was definitely a disappointment and it is most gratifying to see such a good response from contributors for this issue, which as you can see is a bulky one.

Special thanks are due we feel to Tricia Booth for her time consuming task of putting together the jumbo crossword, and we have held over others for later issues, but thanks once again to all contributors.

... Des Young, Rod Menzies & Russ Hughes

## ABOUT PEOPLE

Two birthdays were relabrated in on interesting way earlier this year. As most of us know Greene (Groom) Lowrence's birthday has become a tradition - almost as traditional as the Queen's birthday, except we don't get a holiday for Groom's. This year os usual, he celebrated his day of the year in that well known cultural



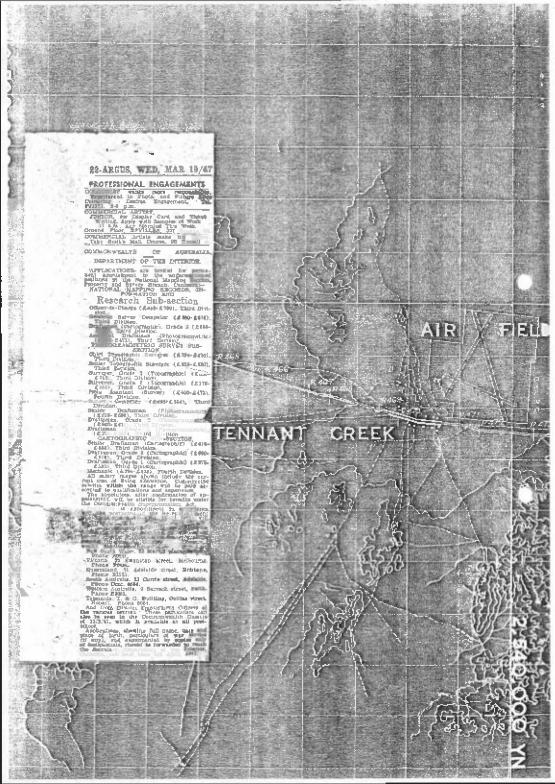
establishment of Dandenong, the Albian Hotel. The difference this year was the number of people attending the occasion were considerably more than in past years. There was a certain air of expectation in the Albian 'Dining'? room because everyone but Groom, knew that an interesting telegram was going to be presented to him. It was in the form of a 'Stripper Gram'. When the young lady confronted Groom he was surprised to say the least. It was a terrible thing to do to him and I'm sure he wished she would go away - ar was it he wished everyone else would go away? However, everyone enjoyed the show as was proven in some of the photos that were taken. The 'Stripper Gram' is repeated here for all to read.



The other birthday was Vicki Charmon's - a surprise package in more ways than one. While Vicki was innocently working in the Digital Mapping area, she was summoned to a ficticious phone call. She nearly reached the phone when from behind a pillar, out leapt a huge hairy gorilla (no - it was not Joe!). The garilla was supposed to surprise her, but I think she nearly had a heart attack. For the next ten minutes our hiresuit friend pronced around and did his best to insult Vicki. But alas! She was still numb from shock, but he certainly entertained everyone else. The 'Gorilla Gram' is attached for all to see.









WHAT IS IT ? HIKERE TO IT?

BRANCH



Christmas comes but

ANDER

come a year Thank Christ!

YOUR XMAS LEAVE BE NEW YEAR'S CELEBRATIONS NOT - PERSONNEL SECTION TAXING



HERRY CERISTHAS AND A HAPPY NEW YEAR FROM THE "RSI" CANDIDATES ON THE STH. four hierdby

Next + mas and Hade Thanken & all ASK SUBJENS + TECH. SERVICE BEST WISHES FOR 1984

emy was and refund the Great world. Herry Christmas and hoping Christmas Greetings and a Prosperous New Year



## CHRISTMAS 1983

## social club



The Social Club Committee thanks all Natmappers for your support in 1983, and wishes everyone a Merry Christmas. We hope the Social Club will continue to thrive and the new Committee will enjoy your strong support.

NATIMAP CHRISTMAS PARTY

7TH FLOOR

1 PM THURSDAY 22 DECEMBER

FOOD AND DRINKS SUPPLIED IN COPIOUS QUANTITIES

ADMISSION - SOCIAL CLUB MEMBERS \$2

with the

NON-MEMBERS \$6

ALSO A CHRISTMAS HAMPER (VALUE \$70) TO BE WON. TICKETS 3 for \$1

RECENT EVENTS

Ploughmans Lunch - Friday 25 November - Of course - it rained heavily all through the lunch break! Nevertheless over sixty memors enjoyed a smargasbord lunch at the alternate venue of the seventh floor. Perhaps not quite as pleasant as a sunny day in Dandemong Park, but an enjoyable event anyway. (It is planned to hold our next Plaughman's Lynch'in selected drought stricken areas - for a small fee to supplement SC funds!).

Cricket Match - Sunday 11 December - Unfortunately only six Natmappers were available to play this day so we had to cancel the event. Social Security are still interested in playing so we propose to play in late January or early Feb.

Kids Christmas Party — Sunday 4 December — On Sunday 4 December, National Mapping converged once again on the Trout Farm at Macclesfield for the Children's Christmas Party. Numbers appeared to be up on last year which was great to see. From all reports everyone enjoyed themselves, and many took home some delicious trout. The highlight of the day was, of course, when Santa arrived. Looking positively fit and healthy after 10 months or so resting in his North Pole Mansion, Santa arrived in his improvised sled, (a hastily painted red trailer) distributing presents and lallies to all the kids — big and little. Unfortunately Santa had to sack one of his helpers for mispronouncing some of the children's names. Then with a hearty 'On Donnen, On Blitzen' Santa was away with a promise to return next year. The Social Club would like to thank 'Groom' for his excellent portrayal of the rotund, jolly gentleman (No — not Tubs) and hope he has recovered from the trauma of having to face all those ruggies.

#### Annual General Meeting

This will be held at a date to be fixed in early February. A number of the present committee will not be available for re-election so new faces are most welcome. If you have not been on the committee before how about giving it a go?

PQ and NO

#### ABOUT PEOPLE

Oscan Ertok has deported for Kingston Tasmania to prepare for a 12 month stint at Mawson base, Antarctica. Good luck, Oscan.

Our other Antaratican Peter James is currently on the traverse south-west of Casey base and will be returning to Melbourne in February.

LATE NEWS - We have just been advised that the annual general meeting will be an Tuesday 7 February 1984. So start your labbying for committee



#### SURVEY BRANCE FIELD NOTES 1983

3

Survey Branch really did live up to its name during 1983 for it was only one member, the branch head John Manning, who did not participate in field duties.

A summary of field work and participants follows:

ROD MENZIES : MT control survey as party leader of the Pandenong-Canberra team

REG KBARNS AND : As part of NT team and of the Nullarbor control MICK LLOYD and Helita survey teams.

MUZZA BVANS : Party leader for Nullarbor survey and skiing in NZ.

IAN GRAHAM , Member of Nullarbor team plus camera operator for photography.

IAN SHIELL : Member of Melita team plus camera operator for photography.

GLEN MOULTON : Member of Melita team plus assisting with local geodetic survey.

DAVE HENDERSON : Party leader Melita survey plus local survey for photogrammetric test area.

TONY MAGINN Assisted Dave with local survey.

JOE MCRAE Navigator for photography.

ED BURKE \* Nevigator for photography.

BOB SMITH : Camera operator for photography.

(We have all lost count the number of times the above three have carried out photography missions this year. Great work fellas!)

BOB IRWIN : Party leader for local geodetic survey.







#### COMPILATION BRANCH

#### PROJECT TEAM 1 PIELD NOTES

The first field trip for 1983 was the inspection of Chowilla and Orroroo I:250 000 areas. The field party consisted of David Griffin, Jeffery Fox, Peter Quinn, Tom Zentei and last but not least Terry Mulholland.

The party departed on Monday II April and headed through the drought stricken areas around Cuyen and on through to Renmark. We drove through continuous dust storms and sand drifts which threatened to angulf the zoad. We found it hard to accept the drastic changes caused by the drought.

Our first base was Renmark and from there we carried out the serial inspection of Chowilla and also some ground inspection on a limited scale. The locals ruefully informed us that the correct pronunciation of Chowilla was "Chowla".

From Renmark we shifted base to Port Augusta to do the serial inspection of Orraroo. Ground inspection was carried out from several centres namely Peterborough (with the most uncomfortable beds in Australia) and Walkerie.

The entire trip went smoothly and no exceptional events occurred. The then new aeroplane was a vast improvement on CAS in both comfort and endurance although it did nothing to improve some members airworthiness. (Some scented maps did survive with liberal application of Brut 33).

Our return to the office took us once again through the drought country but to our surprise and delight the whole area had a green finge to it after some heavy rains. We even saw the results of some minor local flooding and in contrast to our outward journey, all the tanks were filled to capacity.

The party returned to the office on Wednesday 4 May.







Farty of J. Gould, I. Pasco, E. Fletcher, A. Rynberk and J. Head departed Helbourne about T. Jet to beautiful Perth on 5 September. Julie, Errol and Jock flew VH-ESU up to Neekatharra while Ian and Adrian took a F28 Jet to Kalgoorlie and picked up two Toyotas and drove them up to Heekatharra. Inspection from VH-ESU and ground and drove them up 250,000 midst cloudless skies and 250-30°C temperatures most days.



Errol and Jock attempted to find a fortune in gold with their Dick Smith Metal Detectors (enough said!). Moved base to Wilung, where we had four 250 000's to inspect (Stanley, Nabberu, Bullen and Trainor). Wiluna itself was a thriving metropolis back in the 30's with a population of some 9,000 (working the gold and arsenic mine) but today has diminished to be approximately 23 whites and countless Aboriginals. One pub, shire offices, police station, and general store and a handful of other buildings (including PO) make up this old township. The southern two sheets (Stanley and Nabberu) were serial and ground inspected and a long sortie covered the other two sheets which largely consisted of dry lakes and sandridges. The Hassleblad camera was put to good use photographing the Canning Stock Route (approximately 400 exp) at 5,000' and 9,000'. Syd passed thru' town for a few days to relive old memories. The country itself was certainly an eye-opener for those who had not visited the West before. A good trip was had by all including the trip back home (driving the Toyotas across the Nullarbor with an overnight stop in Kalgoorlie). Need any more be added.



#### PIELD NOTES - PROJECT TEAM 2

Field work for the team this year was not quite as extensive as in previous years but still provided a varied programme.

Commencing in mid-Hay, Reg Belmore, Guan Khoo and Adrian Rynberk departed for Leigh Craek South for fieldwork in the Copley and Callabonna areas. Party leader was Peter Quinn with Harry Baker as pilot in ESU. Work proceeded uneventfully, the only complaint seemingly, was that a three-week field trip wasn't long enough.

Shortly afterwards, in late June, Dave Hocking and Milton Siddle, with Harry Baker as pilot, departed for Newman in ESU (or, rather, battled headwinds to Newman - we didn't call the pilot Headwind Harry for nothing!). This trip was to map complete Rudall and Gunanya, which was easily achieved. Again, the party seemed scarcely to settle down to being away from Melbourne, when it was time to return.

Later in the year, in September, a party from Project Teams 1 and 2 visited WA to map complete Belele, Bullen, Trainor, Nabberu and Stanley - Adrian Rynberk was the Team 2 representative in this party,



lead by Julie Gould with pilot Jock Bead. We hear that even the seasoned drinkers of the party couldn't match the locals' consumption of sle at Wilma, but even this misfortune didn't stop them from completing the job on time.



#### PROJECT TEAM 3 FIELD NOTES

This year saw project team 3 members forge westward into the goldfields areas of Western Australia on two separate 'mini' field trips. These two trips had the following common factors:

- i) Miniveyor as party leader
- ii) 'Suzie' (ESU) used as inspection/supp photo alreraft
- Laverton used as base for inspection flights for part or whole trip
- iv) PT4 party members were also involved since the areas inspected included team 4 sheets as well as team 3,
- v) The parties stayed for a short time at Menzies Railway Hotel during ground inspection surveys finding it an enthralling casis and a governet's delight.
- vi) Both trips lasted approximately 30 days
- vii) After completion of field duties, party members returned to Helbourne by commercial aircraft in true jet setters' fashion.
- viii) (Most important) the barmaids were enjoyed by all at the Exchange Hotel in Kalgoorlie.

Trip #1 commenced late in April and involved 'Min' and 'Grum' with team 3's areas being Leonora and Mensies (last minute inclusions after a hasty field program re-hash). 'Disco' Dzur came along to keep a watchful eye over team 4's sheets which were Duketon, Throssell and Westwood. Sower, his main task was to twist 'Grum's' arm into parteking of the amber fluid at the Exchange (ably assisted, of course, by pilot Jock).

During the first weeks of the trip the party's atmosphere was enhanced by the presence of Dr Al Stewart, who was on exchange from Canada checking Natmap out. He entertained us through the raising of some interesting topics for conversation and in setum he was introduced to the art of drinking (and not throwing up), in particular Drambule.

The second trip commenced early July, thereby giving 'Min' about A month's 'break' in the office since returning from the first trip late in May. Once again only one team 3 member was involved, this being 'Speed' Osborne. Although largely concerning himself with the team 3.

Natman Social Club

sheets of RAson and Neale his long time between drinks as far as field trips were assumed that he would eagerly have his finger in the pie regarding the team 4 sheets of Laverton and Edjuding. Notwithstanding Speed's efforts, 'Hattie' and Peter (the Rock) Hensford kept 'Hin' well under control and refused to be influenced by his loud and sometimes domineering behaviour. Where necessary, Barry 'Cannonball' Baker was the party's chief arbitrator, particularly with regard meal and venue selection.

Of particular interest to 'Speed' were the striking landscapes of the area, some of which will undoubtedly be converted to paint on canvas by his wife Karleen's sure hand.

In summary, the areas involved in these two WA trips provided striking contrasts for the party members concerned with areas of remote starkness, breakaways, and activity (in particular related to mining endeavours and towns or settlements which have seemingly sprung up from nowhere).. Also the remains of old settlements of yesterday and their historic aura were felt and enjoyed by these momentary intruders.

Although it is certain that greater participation by team 3 personnel was desirable it was, unfortunately, not logistically possible. However, it is just as certain that 'Grum' and 'Speed' underwent a sort of re-birth following this year's trips to these areas in the West which are so unique within Australia, and, indeed, the world.



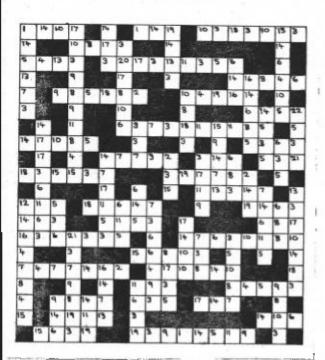
#### PROJECT TEAM FOUR FIELD NOTES

Late in the month of February Goldie, born-again bikie Peter Harrup and Ben Hall took their golf clubs and headed north to central west Queensland to inspect the Winton and Maneroo areas. The diligent trio arrived in Longreach to set up base camp where they were joined by Kevin Crane and the intropid aviator Barry (Biggles) Baker. Kevin was still brushing away the bushfire ashes as he alighted from ESU. Upon completing the inspection of golf courses in the Winton Manerop areas the industrious quartet Crane, Goldsmith, Barrup and Hall headed south to inspect the golf courses in the Booligal area. After establishing camp at Griffith Hotel/Motel, a familiar watering hole of past expeditions, the quartet became a sextet with the addition of Dazzyl (Min) Williams and the return of Biggles Baker. After another successful round or two it was homeward bound to the familiar golf courses of old Melbourne town,

The next expedition was a visit to the Natmap regional office in Kalgoorlie by Darryl (Min) Williams and Dave (DD) Darr by road in the ever-reliable(?) Tojo. They were joined by Greeme (Grum) Lawrence and pilot Jock Bead with the Canadian tourist Dr Al Stewart in a joint venture by PT3 and 4 in inspecting Leonora, Menzies, Duketon and Throssell and not forgetting the Clayton's area, Westwood, the area you inspect when you are not inspecting. To theparty's surprise there was quite a significant amount of change despite being such a remote and desolate neck of the woods.

In July the final extravaganza for the year was another joint venture by PTJ and PTG to inspect the areas of Rason, Neals, Lavarton and Edjudina in Western Australia. As a start to the trip the regional office in Kalgoorlie was again visited. PTG members of the joint party were Peter (Autumn Leaves) Hansford and Andrew (Eattie) Hatfield. Win and Speedy Osborne made up the crew with Biggles Baker piloting "Suzie". Inspection of the treas ran smoothly apart from small disruptions, such as stomach problems and vehicle breakdowns. The overall area provided items of interest such as gold mining areas old and new, ruins of old settlements and just for Biggles, a wrecked plane.

As 1984 rapidly approaches members of PT4 wait with worms upon their tangues as to who will get to go on 1984's field trip(s)???



Thank you

SARGE wishes to thank all those who supported her cricket club's fund raising venture by purchasing nuts and chocolates. Merry Christmas to all

is this crossword there are no class. Instead, each letter is represented by a number. After you have worked out thich number equals which letter you will be able to olve the name below.

LUBS P=17 V=18 W=21 K=22

								_		
10 8	13 5	3 2	3 11	15	12	3	7	13	3	10





FOUND

# ON THE LIGHTER SIDE

CRICKET (as explained to a foreign visitor)

You have two sides - one out in the field and one in

Each man that's in the side that's in goes out and when he's out he comes in and the next man goes in until he's out.

When they're all out the side that's out comes in an the side that's been in goes out and tries to get those coming in out.

Sometimes you get men still in and not out.

When both sides have been in and out including the not outs..

THAT'S THE END OF THE GAME:



On the 4th Floor by D. Goldsmith. Anyone cloiming ownership see Goldie before he drinks it KWICK 111

- . Jenny Scott has been banned from any future Rolling Pin Competitions.
- . That our latest winner of minilatto jackpot drawned his sorrows???? in alcohol.
- , That Rom Wilson is taking a midwifery course as C.D. continues to wark on.
- . Peter Harrup is into tight leather gear.

Floor Floor

- . Goldie still thinks someone cheated in the Natmap sprint.
- . Santa's sled needs a paint job.
- That PSB is considering publishing a "Clayton's" gazette.

## ANTARCTICA

## .. Why are we there? Well er!

Antarctica is a continent at the south geographic pole, equal roughly in area to that of Australia and the United States of America combined, and covered by a sheet of ice to an average depth of 2,000 ins. This area of ice dominates the environment and acts as a major global heat sink, controlling the north-south temperature gradient and hence atmospheric circulation. Weather observations from the stations encircling the continent are vital to weather prediction services in the southern hemisphere.

Australia is involved with France, the USSR, the UK and the USA in the International Antarctic Glociological Project (IAGP). The aim of this project is a systematic investigation of the ice sheet to determine its physics, its relationships with earth's climate, and the processes involved.

Australia's major fieldwork contribution to the IAGP is a series of aversnow traverses which acquire accurate measurements of ice thickness, bedrock profiles, surface elevations, stratigraphy, snow accumulation, surface temperatures chemical content of the snow and the direction and rate of movement of the ice surface.

Our traverses have been successful so far within the IAGP, providing the only comprehensive set of ground measurements covering a wide area. This data compliments the large scale aerial echo sounding work of the UK and USA, and the deep ice-core drilling program of France and the USSR. The traverses also provide recommaissance data for the selection of sites for possible future deep drilling in the interior. Drill cores from the Antarctic ice sheet contains a stratigraphic record of climate, is air bubbles in the core are fossil samples of the earth's atmosphere ranging back over the past several hundred thousand years. Chemical analysis of the ice reveals other traces of the period.

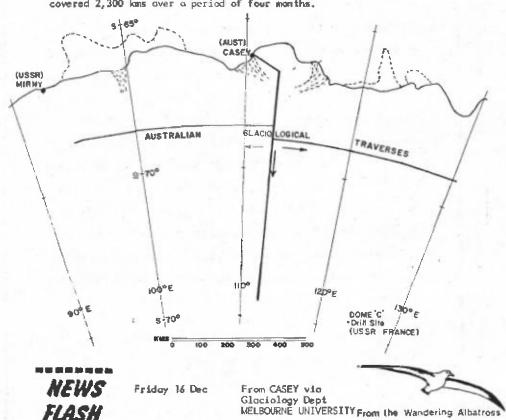
The Australian glaciology traverses have worked from Casey in recent years, establishing ice movement stations on Law Dome and extending 1,000 kms to the south and, from the 2,000 m contour, 700 km to the east and west across the flowline. The stations are established, positioned by doppler satellite receivers and remeasured in subsequent years to determine the direction and rate of movement. In 1982 ice movement was from 20 ms on the open plateau to more than 500 ms near the latter Glacier.

The traverse is composed of usually 6 men, the Glaciologist, navigator, electronics engineer and three driver/mechanics. The vehicles and sleds make up three trains, two of which are a Coterpillar D 5 bulldozer towing a living/work van, a generator/workshap van and a fuel sled. The third tractor pulls three fuel sleds.

The vans are equipped with navigation rodor, similar to those on small ships, and is used to locate the poles which mark the traverse route. The astro compass is mainly used to find direction, the magnetic compass can be used but should be checked regularly with the astro compass to note magnetic variation. At Casey the variation is 98 west and at the eastern end of the traverse, 133°W.

Travelling on the Antarctic plateau is determined by surface conditions which, like outback roads, can vary from year to year. The surface can be wind scoured into ridges, colled sostrugi which can be from 10 cm to 2 ms high. Formed by strong, consistent wind, the sastrugi is a reliable direction indicator. The surface might also be soft and boggy or as hard as iron depending on season or locality. Travelling speed in average conditions is about a brisk walking pace and the passengers frequently exercise by walking alongside the vans.

The 1982 Casey Traverse successfully achieved its objectives and covered 2,300 kms over a period of four months.



Polar Pete and the traverse have successfully completed their tasks, including a historic link up with the Russian traverse, and are proceeding back to Casey. They hope to be there for Xmas but when last heard had been sitting out a blizzard for 5 days. Let's hope the weather is kind to them for the remainder of the journey.

#### WHAT IS A SIRVAYUR?

"A sirvayur is something that grubs around in the woods looking for little sticks and stones. When he finds them, he does some kind of weerd dance around them with a funny looking three-les crutch which he leans on and looks at. When he don't find them he walks around all day like he's lost. Sometimes you see them squashed by cars along rades, espeshelly in the summer when all the other bugs are out. A sirvayur has one big eye and one little eye like popeye. He usually walks bent over all the time which is which be tooks so stooped. His face looks like old lether. He cusses terribul. He can't read because he measures between things and then puts down a number in a lettel book which is difficult than wat his little man He always measures to a stick or stone, stops near it, and says. ruts in another stick or stone. He is not too brite because he is always makeing marks on sidewalks and rodes to find hes way home. His pants are allumus tore and his shoes look like they was made of People stare at him, dogs chase him and he always looks wore out I don't know who anyone wents to be a sinvayur."

The above essay has apparently been quoted in a number of survey journals. Its origin is said to be the Massachusetts Surveyor.

Pictorian Ingional Office

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Toler.

000) 7919559 11703 [JANSAY]







#### A Day in the Life of P.T. 3&4

"I really den't know much about this place, I'll get David" was the raply to my query. A few minutes passed before he returned with "David". David was in his mid hereties, over six feet tell and selidly built, yet the prominent feature of David was his hands. They were huge, with thickly ancrusted blood of some vintage lending to them larger than life opportunes. If this was David, where were they hidding Goliath?

Dowyl had sent Pate Honsford and myself to Yarmarna and Mhite Cliffs homesteads to resolve considerable changes in the Paint Salvation area of Roson 250K. We had been speaking with Chris Semeney the Shine Clark at Loverlan, who gave us the names of the ammers. Chris assured us that Tom McCuddin of Yarmarna was gentle and helpful, but cautioned us about Grant McTevish of White Cliffs. McTevish was known to shoot at visitors to discoverage them. I was easily discoveraged, bypossed white Cliffs and set out for Yarmarna.

It was mid-morning as Pete and I drove post what served as the gate to the main hause of Yarmarna. The main house as such was more the least dilapidated of a callection of the shacks. There were two acrosses you've fuelling a battered early model falcon sadam, with a third person evidently in charge of proceedings. I introduced myself to this third person, who revealed himself to be the samager, Early land.

Geoff invited us to join him for breakfast or lunch. He was not sure of the time of day and was covering his aptions quite well. We were invited to take a sent in what served as the living room. I lacked about me and mettled upon a chair I felt was least likely to injure or main. This was not your overage batchelor pad.

Geoff had only been wanager for three weeks. Item McCoddin was in Kalgoorlie collecting a transaiver as Grant McCovish had taken the criginal from the Lowerton PO and jumped on it a few times after first throwing it to the floor. Grant secred a real for type to have at a party. As mentioned, Geoff colled upon David to help with our monafries.

Devid proved to be quite a character, with an excellent knowledge of the area. He is a professional kangaros shooter who moves from State to State with the seasons. We had stopped by choose along the road at the precise appt where David had dealt with a Kangares that examing. I mentioned the place and he described it right down to the type of scrub beside the road at that paint. We also determined that it was an White CLIFFs, beyond the area limits of his harting licence, to which he exclaimed that he was howe been just.

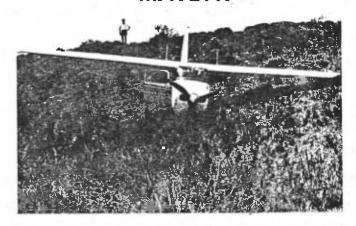
Ma related to the insistent hospitality of Gaeff and Dovid and occepted something to eat. The samething to eat proved to be a docretep slab of home(?) sade brood with sections of prime "beef" on filling. They consumed as that it was beef but I had my doubts. Later discussion caused on to doubt even further the "beef" I had eather.

David proved to be a valuable source of information. He confirmed the existence of Authors Grove and sack as well as another sack, Thatchers. It was in discussing the location of Thotchers, which we subsequently found, that David revealed the sack to be a watering hole for a sob of commis which trank a regular path through the desert, returning to Thatchers every few wholes. In fact, David remarked, "You will see the remains of a bull complet which is now in the freezer, just meet of Thatchers as you head toward Entires Grove".

Yemmorna is primarily a bose for professional kangaras shooters. Our neeting with the people at Yemmorns and with ion McCaddin at Lawrian brought have an important expect of our work. There are several need features which fall on the Mulgabiddy Creek 100K shoot. We were not oble to identify then from the our and time did not penalt us to seek them out on the ground. Ton McCaddin confirmed their existence and we leavent from him of their historical significance. They lie on the original track week by explorers leat onemary to tracel to Murbarian and beyond, and were named by those people. Usually that which you have not positioned and identified in the field you would subsequently delete. I am our loss as to what will be done on Mulgabiddy Creek.



### MAYDAY



IN RECENT YEARS NATIONAL MAPPING PERSONNEL HAVE AND ARE TAKING LORE OF THEIR NORMAL COUPLEATION MORE INTO THE FIELD, WE ARE OPERATING OVER A MARIETY OF LEGRAIN THAT IS EITHER VERY REMOVE OR HIGHLY DEVELOPED AREAS OF AUSTRALIA. IN PARTICULAR, AREAL OPERATIONS ARE INDERTAKEN AS A STANDARD PROCEDURE. THE PURPOSE OF THIS ARTICLE IS TO INVITE THOUGHT AGOT HOW WE AS INDIVIDUALS MAY REACT CURING AN IN-FLYORT EMERGENCY.

FOR THE MAJORITY OF PROFILE, AN IN-FILIRAT EMERGENCY CAN BE AN OVER WHELMING COCKREGICE, ESPECIALLY FOR THOSE WHO HAVE NOT CONSIDERED THE POSSIBILITY OF A "MAY DAY" TITE OF A IN INCIDENT, SOME PROFILE ON HAVE TOTAL AND IMMEDIATE MENTAL PARALYSIS TO THE EXTENT OF REHAVING IN SUCH A MANNER AS TO EXCLUDE THE EMERGENCY FROM THEIR WIND EVEN THOUGH DISASTER IS UPON THEM.

THE SWART PEOPLE - THE SURVINORS - ALWAYS FLY PREPARING IN THEIR CAM ACHOS THE EXPECTATION OF BEING PLACED IN AN EMERGENCY/SURVINAL SITUATION. THIS ALLOWS FOR PURPOSEFUL REACTION, BOTH POSITIVE AND OUTCE.

THE TRAINED OF BOOK SIEVINGS NORMALLY-

- . TAKES UP THE BEST POSSIBLE CRASH POSITION.
- . IONOWS WIERE THE EXITS ARE AND SELECTS PRIOTPTY OF EXITS TO HANDLE CONTINGENCIES.
- . CONCENTRATES ON HES DRIENTATION, AND
- . KNOWS WHERE THE EMERGENCY GEAR IS STORED ON THE AIRCRAFT.

HE WILL ALSO BOARD THE AIRCRAFT WITH A JACKET OF SOME DESCRIPTION AND WEARS STURDY SHOES OR FOOT WEAR THAT PROTECTS THE FEET FROM RECKEN SURFACES ETC.

HOW MANY TIMES HAVE YOU WORN THONGS AND SANDALS ON FIELD INSPECTION? HOW ABOUT A JACKET AND HAT?

OFF WE GO DATO THE BLUE AND ON THE MAY THE UNMANTED MAPPENS, THE PILOT WHO KNOWS HIS STUPE WILL INSTRUCT ON HIS EMBRONCY REGILENDENTS FOR PASSENCEES. YOU TILLING "SURVIVAL" AND HAVING SURVIVED THE DEPART, AND LEFT THE MERCK, YOU MUST RECOME DISTANCEY ACCESSIVE TO SURVIVE THE SHOCK AND SAME OTHERS.

YOU MUST INDIK POSITIVE. TAKE RESPONSIBILITY AND SHOW LEADERSHUP.

USE THE SURVIVAL SECLIENCE

- 1. IMMEDIATELY MOVE TO SAFETY.
- Z. TREAT LIFE-THREATENING MULICS
- 3. TREAT OTHER INJURIES
- 4. ASSEMBLE ALL EQUIPMENT OF VALUE.
- S. MAKE A SHELTER.
- 4. PLAN AND ORGANISE YEAR MEANS OF DETECTION.

		SAFETY
MOVE	TITL	SAFETY

met tegs	sede symbol
Opension completed	LLL
We have found all personnels	<u> </u>
We have found only some personnel	++
We are not able to cominue. Returning to bette	X X
Rive deviced one two groups such processing in depotion indigenal	4
Information received that settraft is in this direction.	
Nothing loand, Will comings sayob	N N

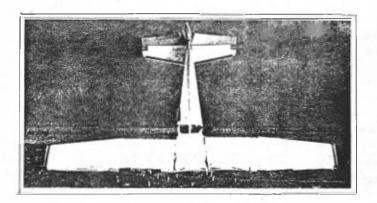
Ground-air visual code for use by ground search parties.

218 Stay aller

ADDRAFT FUEL LEARAGES WILL NORWALLY HASTEN EVACUATION, MOVE UPWILL AND GIVENO, CON'T LIGHT YOUR "HEART STARTING" CKAMETTE ETITER!

ENSURE YOUR CLOTHING IS NOT CONTAMINATED BY FUEL SPRAT ETC.

- IF GOING BACK INTO THE WRECK AVOID METAL STUDDED BOOTS THAT CAN DAUSE SPARKS.
- . IF IN A WATER COURSE EATHER WET OR DRY MOVE DRSTREAM OR MICHER UP.
- MOVE TO A CLEARED AREA IN CARE OF LATER FIRE HAZARD.



#### FIRST AID

- CLOSURE OF SUCKING CHEST MOUNCS. IF A CHEST MOUND HAS A HISSING SOUND ON INHALING OR EXHALING, IT IS AN
  INHEDIATE DANCER TO LIFE.
  - PULT THE WOUND WITH A CLEAN HANCERCHIEF OR FILED DRESSING THEN TAPE A SHEET OF PLASTIC FILM FIRMLY AROUND THE EDGES, LAY THE PATIENT IN THE COMA POSITION ON THE THURSD SIDE.
- CONTROL BLEEDING, APPLY FIRM PRESSURE AT THE BLEEDING POINT AFTER PINCHING THE WOUND ESSES TOSETHER, PLUG THE WOUND AND CONTROL THE BLEEDING CONTROL FORMICIPETS UNLESS A LING HAS BEEN APPUTATED IN THE CRASH.
- CENTROL OF SHOCK. SHOCK, EITHER FROM PAIN OR BLEEDING, CAN BE REDUCED BY LYING THE PATIENT DOWN, ELEVATING
  THE LEGS TO IMPROVE THE BLOCK FLOW TO THE HEART AND BY REDUCING HEAT LOSS BY MRAPPING IN BLANCETS OR LACKETS EVC.
- CARE OF THE INCONSCIOUS. AN UNCONSCIOUS PATIENT SHOULD BE PLACED IN THE 'OM SIDE' COMA POSITION. THE TOP LEG SHOULD BE DRAWN UP, WITH THE TOP ARM. SUPPORTING THE BODY, ELBOW ON THE CACOND, WITH THE MAND TUCKED UNCER THE FOREIRAD LIKE A PILLOW. EXTEND THE HEAD TO IMPROVE THE BREATHING, IF BREATHING IS SATISFACTORY THE VICTOM CAN BE LEFT FOR SHORT PERIODS INMILEST YOU ATTEMD OTHER SUPPLYORS INMILES.
- PRESERVATION OF THE AUGUST. IF THE PATIENT IS NOT BREATHING NORMALLY:
  - (a) TILT THE FACEUP AND MOVE THE LAW FORWARD BY PUSHING FORWARD WITH THE FINGERS BEHIND THE JAN ON EACH SIDE.
  - (b) IF THERE IS AN OBSTRUCTION, FEEL DOWN THE BACK OF THE THROAT WITH YOUR FINGERS FOR A POSSIBLE FOREIGN BODY SUCH AS A PARTIAL DENTURE.
  - (c) MOUTH TO MOUTH RESUSTITATION MAY BE REQUIRED.
- BIDDING OF MOUNDS. IF BANDAGES ARE NOT AVAILABLE TO CLOSE WOUNDS CONSIDER USING SAFETY PINS OR FISHING LINE
  FROM THE AIRCRAFT'S SURVIVAL KIT. THE SCORER THE GAPING WOUND IS CLOSED. THE LESS RISK OF INFECTION.
- LANCELLISATION OF FRACTURES. BANCELLESS ALL FRACTURES TO MINIMIZE FURTHER INTERNAL DAMAGE AND CONSEQUENT BLEEDING, USE SPLINTS TO TAMOBILISE THE JOINT ABONE AND BELOW THE FRACTURE.
- BURNS. BURN TREATMENT IS BY MATURE SPECIALISED.HOWEVER IN AN AIRCRAFT OR VEHICLE FIRE BURN ICTIM THE PRINCIPLE MUST ME TO REDUCE SHOCK, COVER THE BURNT AREA WITH THE CLEAMEST MATERIAL POSSIBLE AND TO DELAY THE FILLID LOSS OF THE BODY BY GIVING LARGE MURNINTS OF LIGADIS BY MOUTH, IF CHEER NOLINGS ALLOW THIS. LARGE BURN AREA WILL INFLUENCE JUST HOW MUCH HELP YOU CAN GIVE THE PATIENT. LARGE BURN AREA VICTIMS WILL NEED MESUSITATION WITHIN THENTY-FOUR HOURS TO SURVIVE. IF RESCUE IS NOT EXPECTED WITHIN THIS TIME ALL YOU CAN DO IS MAKE THE PATIENT AS COMPORTABLE AS POSSIBLE.

 CARDIAC PULKENARY RESIDENTATION (CPR). EXTERNAL HEART MASSAGE AND MOUTH TO MOUTH RESUSCITATION CAN BE USED IF THE SITUATION ACCOUNT FOR IT.

#### SELECTION PRIGRATES

- IF ONE YICTOM IS APPARENTLY DEAD AND YOU HAVE ANOTHER SURVIVOR BLEEDING HEAVILY, THEN THE REPOING VICTOM MIST BE TREATED FIRST TO STOP THE BLEEDING, ONCE THIS IS DONE YOU CAN ATTERD THE APPARENTLY DEAD.
- PRESERVE THE WILL TO SLEVIVE

THIS IS A PUNCTION OF LEADERSHIP AND PRIOR KNOWLEDGE.

#### PRIORITIES AM:

- I. MOVE TO SAFETY
- 2. IMEAT LIFE THREATENING WOUNDS, AND
- . OTHER DULPLES
- 4. COLLECT EQUIPMENT
- 5. BUILD A SHELTER
- A. PREPARE A SIGNAL FOR RESCUE

OTHER BALURIES. MORANAL FIRST AID TECHNIQUES SHOULD SE APPLIED MINOR ABRASIONS AND MOUNDS SHOULD SE CLEANED AND COMPRED IN THE FIRST THO HOURS, TRY AND CET THE MINOR INJURED PERSONS TO TREAT THEMSELVES, THIS WILL GIVE THEM A TASK THAT WILL NELP THEM ORNORIZE MENTAL PARALYSIS LEAVING THE LEAVER FREE FOR OTHER ACTION.

#### COLLECTING FOLTPURE

FOR SURVIVAL THE POLLOWING EQUIPMENT CROUPS SHOULD BE ASSIDIBLED.

- · PROTECTION, EG, CLOWITING, SHELTER, MEAPONS OF ANY KIND.
- . POCO SUPPLY, EG, RATION PACKS, MEAPONS, FISHING GEAR, WIRE FOR SHARES ETC.
- MATER SUPPLY, PLASTIC OR METAL CONTAINERS. PLASTIC OR FARRIC SMEET FOR RAINFALL COLLECTION, DIGGING TODES, SOLME STILL FOULPMENT.

NEVER FLY MITHOUT TWO LARGE WATER CONTAINERS OF THE MEANS TO COLLECT WATER. MORKING TEMPERATURES OF 40 C REDUIRE A PERSONAL WATER DITAGE OF UP TO 15 LITRES FOR DAY.

- SIGNALLING.EG MIRRORS OR REFLECTORS, LIGHTS, SMOKE WHILSILES, MAKE-SHIFT GONGS AND COLCURED PANELS.
   DON'T MORCET THE SAE BEACON EITHER!
- SHELTER, SHELTER IS REQUIRED TO PROTECT PERSONNEL FROM THE COLD, WIND AND SOLAR HEAT. UNSULATION
  FROM THE CRORD IS IMPORTANT AND HAVE THE FIRE DOMINIAND OF YOUR SHELTER.

#### CONCLUSION

AUSTRALIAN AVIATION IS FULL OF EPIC SURVIVAL STORIES AND TRAGIC FAILURES. BE PREPARED FOR DISASTER AND ENSURE THAT ON FRIED TRUPE YOU BELEF YOURSELVES EACH DAY ON ACTION TO BE TAKEN IF ...

BRUCE O'COMOR TRAINING OFFICER

## Search and rescue signals

APPENDIX IV

SOS

The state of the s				
Militage		rescripto	costs contac	
Regules doctor servers injuries	1	Publisher unto to land here	Δ	
Require medical papers	11	Regions had and of	L	
Unable to proceed	X	***	LL	
Responsible for the section	F	No. 50	N	
Indicate direction in process	K	V=	Y	
Are proceeding in the glacear	1	the reducing	JL	

Ground air visual code for use by survivors



Manage received and undersit: Aircraft will indicate that ground signate have been seen and custood by, in day or moonlight, rocking from side to side; an night, making preen flashes with signil Jamo.



#### CHRISTMAS PUZZLE

H N N I C A M E G E S (I) N G O U L D N L RLALRMS GIFTS A E E M R MPLJWILRBAAT (A) TENEMG F E Y A M S S M G O E E R P O E I U G Y I N F N F T TLAIR C S D S E N O S O I 0 S S N I 30 E S T N U S O N U R E 0 U C NIAMOT Н 0 X 0 JWK A O R M A N N E I N Н P IYN L H L C E T O Ť N A D E М C A L Y AEG C L E S A. T R I E H A. TERLJOH N S 28 R Н T K E B S G N I T E E R G S N Ģ S RR 0 E E D Y 0 L L N M E D P M A E LOEILH I E L G P В A S F E E V D G E S P В U V 0 L A. J I T N P N A A D N L M R D CK N LRIA 0 I I R E A P N  $\mathbf{E}$ Ť D U O E D D  $\mathbb{E}$ U Q. TH R R Y м E 1. 5 М C L B Т W R H П I L S A R O 1 S 2 I R C H A 8 R L T S T S E J T P L H 0 A H R В T I R M S Ħ  $\mathbb{C}_{\mathbb{R}}$ Т I R В 艮 T S I W I S H Ε R R 0 N I V R A 0 A E I ¢ ٥ N A M S U G E A 5 A V Е \$ G S Н D N T U Q. C H O 1 R A N D E 0 T G P R E R 0 V Ţ Ģ Ħ A I R I T Ή. N 8 E E Y O: B T S P Ī. 0 8 H C D М Ψ S N U Y Y L L Ε E G 0 L S E C N E W L E S A LGNIJDONK ¥

#### HOW TO PLAY

All the words listed appear in the puzzle - horizontally, vertically, diagonally, even backwards. Find them and CIRCLE THEIR LETTERS ONLY. DO NOT CIRCLE THE WORD. The left over letters spell the Wonderwords.

ALLELUIA ALLEN ALMA ANGEL

BRIGHT
BEST WISHES
BONNE HEUREUSE ANNEE
(Happy New Year French)
BOLDOG KARACSONY
(Merry Christmas

Hungarian)
BOLDOG UJ E'VET
(Happy New Year
Hungarian)
BURKE

BURKE BETHLEHEM

CAMELS
CELEBRATION
CAROL
CHRISTMAS TREE
CHRIS KRINGLE

CHRIS KRINGLE COLIN CHOIR COOK COWAN

DONKEY DAVID DAVE

COULD

FATHER CHRISTMAS FROSTY THE SNOWMAN FRANKINCENCE

FOOD

GIFTS GELUKKIG NIEUWJAAR

(Happy New Year Dutch)

GOODWILL TO MAN

GOLD HARK HOLY HOLLY

HENDERSON

GLORY

HAPPY NEW YEAR HYMN HAPPINESS HEAVEN HELMORE

IRWIN

JOYEUX NOEL (Merry Christmas French) JINGLE BELLS JESUS

KHOO LEASE LORD LAURTE

LLOYD MASON MARG

MESSIAH MARY MERRY CHRISTMAS HASI-MISTLETOE

MANGER MAGINN MYRRH

NORTH POLE

O'REILLY

POWER
PAUL
PEAR TREE
PRESENT

PRETTIGE KERSTDAGEN
(Merry Christmas Dutch)
PARTRIDGE

PEACE ON EARTH RYAN REJOICE RAYNER RUSSEL

PUDDING

RUDOLF THE RED NOSED REINDEER

SPEND SCROOGE STABLE SPIRIT SING SANTA CL

SANTA CLAUS SILENT NIGHT SHEPHERD SEASONS GREETINGS

SHOVIM GODOM (Happy New Year Russian)

STOCKING SAINT NICHOLAS SAVIOUR

TINSEL THORN

THREE WISE MEN

WENCESLAS WISH WILSON

XMA\$

YOUNG

## **ENSCHEDE** - Some facts

The International Training Centre (I.T.C.) or to give it its full name the Institute for Aerial Survey and Earth Sciences was relocated from Delft several years ago.

ITC draws its 350 students from all over the world (about 80-90 different nationalities at any one time) most of whom are an Dutch scholarships. The remainder are supported by their own government, their own arganization or themselves.

The majority of students are from Africa and Asia then South America with others from OZ, NZ, USA Canada, UK, and the odd (surprisingly) European scattered throughout.

All courses are conducted in English with theory and practice balanced so that the "hands-on" experience reinforces the class work.

Comprehensive lecture-notes are prepared for each subject so you have a reference for study and to retain for later referral.

Course lengths vary from 6, 9 to 12 months and begin at different times of the year so that each has optimum time and conditions for their "field-work" periods.

Part of each course includes excursions to say Wild Zeiss, Ordnance Survey, Hansa Luftbuild, Agfa, Kodak etc depending on the subject.

There are very few public holidays in Holland and if a holiday falls on a weekend there is no day in lieu. Also as each course tries to import maximum knowledge there is little free time for sightseeing outside of the weekends.

As a place to learn ITC certainly has good facilities. Its own photography circroft, the Zeiss and Wild 9 x 9 format cameras, training simulators, APC4, Intergraph, OR-1, numerous stereoplotting models from Kern, Wild, Zeiss etc. A publishing department, oudio visual unit, student offairs department, restourant and bar (the bar is not open at lunch time).

Accommodation for students is in the Guest House - a big block of flats. Each room has its own private facilities, a bed, bookcase, desk and chair and desk lamp. The Guest House has a restaurant, bar (1730 to 0830) common room and auditorium. The students arrange movies, bingo, dances and national nights.

The town of Enschade is only 8 km from the German border and 150 km from Amsterdam. It is about the size of Ballarat and has a similar rural setting and life at a slower pace.

The city square is the place for markets, fairs entertainment, open air cafes and other attractions.

Language is not a problem. At school from an early age all learn Dutch, English, French and German. And in any public office or shop most will speak English and be able to help you.

All in all a great experience.

We the members of he being physically and martally drained from a year of intense Claylors Mapping find ourselves unable to submit a Christist Merige of good chow. He would However like to mish you a happy healthy & sole Christmas & New Year Maring big and maring of the state of the st There is seen and the seen of seen There were and where E.O. . Co. Christings and the and the bout Here's a message of good cheer String and but dever Handrek the sant do you white having a boar forward not love would you know us - ware all bus blue Were the Slobs from PT2. Were on Haball, so nover fear Avery Roman and a Happy Par Year and Marry Windson A MERKY CHRISTMAS, MAPPERS! To you, snow and as us. BEET WIEWES M SEARCH, SEE AND RECEIVE, MARRY THE MART. Amas numbers are to concerna? short the decri. Specification of the state of t SURVEY BRANCH Spanows Green why Merry Xmos and compensation the Four.