

## EDITORIAL

To ensure that all members of National Mapping, Melbourne, know of the existence and activities of their recently elected Staff Committee, it was envisaged that a regular Newsletter - an expansion of Committee meeting minutes - would provide a useful avenue of communication between staff and management.

The Social Committee will also use this medium to keep you abreast with their program.

Consequently this prototype edition is intended to start the ball rolling.

We urge all interested persons to assist in future editions and look forward to receipt of many and varied articles.

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### SOCIAL CLUB - GENERAL MEETING

At a well attended luncheon meeting on Wednesday, 16th February, the following people were elected to the Nat. Map. Melb. Social Club Committee:

erry Mulholland	(President)
stan Stafford	(V. President)
John Manning	(Secretary)
Graham Barwise	(Treasurer)
Kalen Sargeant	
Pam Hill	
Terry Larkin	

The Committee will make a feasibility study of the site and if acceptable, will enter into an agreement with Hookers.

### 3. COUNTER LUNCHEES

A survey is also being made to determine the best "Counter Lunches" in the Dandenong area.

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### SOCIAL CLUB NOTES - "GRUBB"

The Nat. Map. Social Committee held it's first meeting on Thursday, 17th February. The following points were covered:

1. CONSTITUTION Two members are currently preparing a draft as a base for the committee to work on. This Constitution will then go to Nat. Map. employees for endorsement.
2. CAR PARK Contact has been made with Hookers as regards parking on the site next door.

### DIRECTOR RETIRES - Bob Foster

Mr Bruce Lambert's retirement dinner (held in Canberra on 16th February) was attended by Messrs. Lines, Kirkby, Hocking, Bobroff, Thomson and Foster. Approx. 78 people attended, including G.R.L. Rington, J. D. Lines, Dave Cook and Allan Spowers. It is rumoured, but so far unconfirmed, that Bob Foster owes Allan some apologies concerning V8's. Allan will be leaving soon to work for two years in Fiji, on loan from Admin. Services.

## NOMAD AIRCRAFT

Peter Langhorn

On the 15th July, 1976, the Division took delivery of a Nomad N22B aircraft from the Government Aircraft factory.

The aircraft carries the registration VH-DNM and has a yellow, green and white color scheme.

Initially it is proposed to use the Nomad on laser terrain profile surveys, coastal and off shore feature photography and position controlled photography operations.

It is anticipated that the aircraft operations for 1977 will commence during March with a laser project in Central Western Australia.

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## BENDIGO VISIT

Ed. Burke

Thursday, February 10th saw an expedition of some 13 Natmappers, lead by 'Blue Streak' Manning, to the Army Survey Corps headquarters at Fortuna, Bendigo, to inspect their 'Automap' system.

The philosophy behind the system is to set up a model once only and digitize all the mapping information on magnetic tape, coded according to the type of feature. This digitized information can then be used to plot line maps automatically at every desired scale.

Three B8s are used for the stereo work, their output being magnetic tape. The model is then plotted for check and edit purposes using a Gerber model 45 high speed drum plotter, usual production being a large scale, four colour plot on either paper or stable base material.

This preliminary plot is then mounted on a 'Gratison' digitizing table where, by a few simple typed instructions on a console and some careful work with a cursor, any erroneous information can be deleted from the tape and corrected, or new information inserted.

Final plotting is done on one of two Gerber Model 32 flat bed plotters. These machines are capable of positional accuracy of 0.005 mm with repeatability of 0.02 mm. Plotting speed is about 0.6 metres per minute average, with a maximum of three metres per minute.

With suitable programming, any combination

of features can be automatically plotted at any desired scale. Similarly the detail density can be adjusted to suit the plotting scale.

We were shown an excellent example of an area which had been plotted at five different scales from 1:25,000 to 1:1,000,000, all from the same taped data.

Plotting can be by scribe, pen or by light source plotting on film. This last method produces results which are, for all practical purposes, perfect, and is ideal for the production of master grids and graticules.

The second Gerber 32 flat-bed plotter is currently being used for digitizing line data using an 'optical line follower' head which is capable of locking onto and automatically following a line while the resulting x and y coordinates are recorded at preset intervals onto magnetic tape. This machine can be quickly converted to the normal plotting role and, as such, provides an emergency back-up.

One of the conditions forced on the Survey Corps during the planning of 'Automap' was that the system had to be housed in existing buildings. This resulted in some space restrictions and the inconvenience of having the film processing section some 300 metres away. Two daylight shifts of approximately seven hours are worked.

Everyone found the visit to Fortuna to be of great interest and our thanks go to Major Frank Bryant and his team for an absorbing couple of hours. Thanks folks!

Several expeditioners then took the opportunity to view the new extensions to the magnificent Sacred Heart Cathedral. Perhaps they offered a silent prayer that our purse strings might be eased so that we also might get amongst the action.

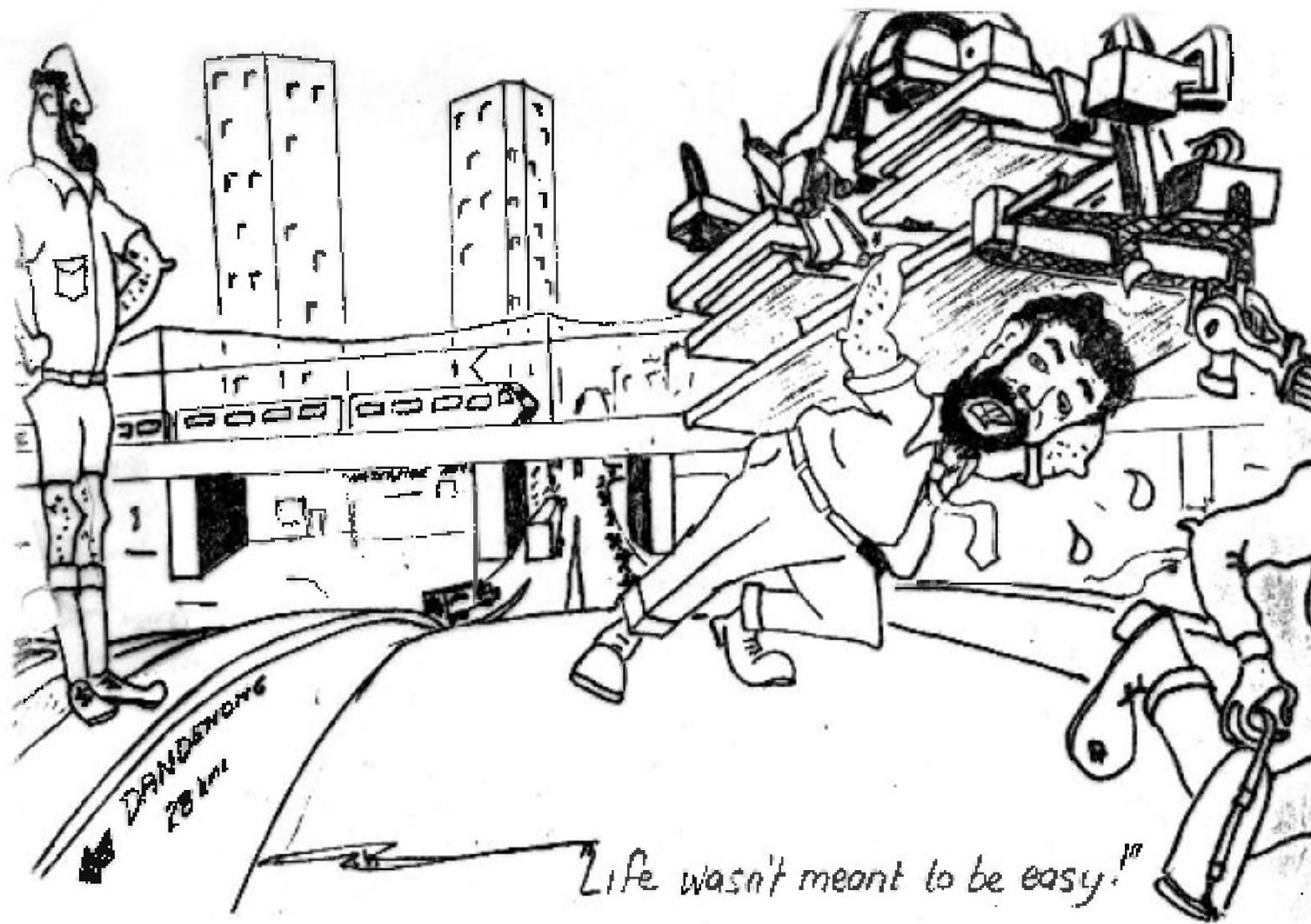
..... The A/D advises that a further trip to Bendigo will be organised after we move to Dandenong.

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## BEST BET by "JOCKEY"

'The Candidate'-----Geelong Tuesday night, Race 1, No. 2 - owned and trained locally.

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R.H.I. (Rumour has it .....)

- .... that web-footed field assistants and alligator suits will be hired for the tide-pole readers on the coast this season.
- .... that Groom is conducting sky diving courses for the Nomad crews.
- .... due to the delay in shifting Nat. Map Tubs has hired Downards to move his light table to Dandy.
- .... that V.R.O. approached Richie Robinson to play in the annual V.R.O.-NATMAP cricket match.
- .... that Store 3 is not being moved to Speeds garage.

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SELF NEWS

The Selby Kid

John "Hack" Hardie hacked his way around Churchill Park last Wednesday. Unfortunately

his card can't be entered in the 'Natmap' Handicapping system as he lost count after 120, somewhere in the scrub on the tricky Par 4 14th.

Grubb Barwise retired on 58 after a strenuous 'Front 9'. This score of course being out of character for the Nat Map champ.

CRICKET DAY

\* \* \* \* \*

Even with 14 players and a female scorer, NatMap failed to overwhelm the Opposition's 138 runs and went down by 30.

Grubb, Jeff and Harry Helmet Head made a valiant effort to stem the tide but were beaten by a "suspect" V.R.O. combination.

Our reporter had difficulty in obtaining accurate details but understands a good day was had by all.

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# The News

NATMAP - MELBOURNE

March 22nd, 1977.

No. 2.

## EDITORIAL

The first issue of the Newsletter was received enthusiastically despite it's limited production, and we have been encouraged to produce another.

In the meantime our man in the Capitol has sent down copies of some local newsletters, both serious and lighthearted. Our issue will attempt to remain informal but at the same time remain a communication link between all staff.

Again we seek your cooperation in supplying newsworthy material.

And so despite re-orgs, Dandenong moves and production difficulties, here is No. 2.

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### DANDENONG MOVE - The State of Play

At a meeting held on Thursday, March 10th, between representatives of National Mapping, Dept. of Construction, the builder and the architect, final partitioning details were agreed upon.

The builder then gave preliminary dates for the completion of various floors according to National Mapping's priorities.

These dates were circulated to branch heads on Friday 11th and remain the best available as the promised confirmation has not been received from the builder.

It was proposed to occupy the remainder of the first floor on Monday, March 28th, after a weekend shift by Admin. Services. This has now been postponed to April 4th.

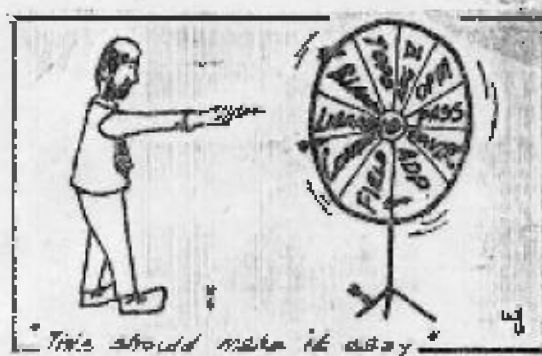
Rod, Tubs and Associates will have to wait another week for company.

At this stage there seems to be no reason why, with some application to the task by all, we should not be clear of Rialto by the end of April.

'Across the street, across the world'.

Ed. Burke

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## SOCIAL CLUB NOTES

Special General Meeting will be held  
12 Mid day, Wednesday, 30th March in  
Table Tennis room, 1st floor.

Draft of Constitution is available from  
committee members - for your comments  
and criticism at the meeting.

### Theatre Night

Our first function will be a Theatre Night  
on Wednesday, 6th April at 8.0 p.m. to  
see ...



Tickets \$2.50 each. We only have 40 so  
be early in contacting me (ex. 492).  
Friday, 25th March deadline.

### VFL Tipping Competition ("Tippo")

As in the past I'm running Tippo. All  
starters ring me or Ian Shields (ex. 492)  
before Friday, 25th March.

Conditions.- Cost: 50c per week  
Prizes: Weekly & Yearly  
(Determined by the number  
of subscribers)  
Deadline: 12.00 noon  
Friday before game  
Absentees: Will receive  
weekly average (not  
Low Lou's).

"Grubb"

\*\*\*\*\*

R.H.I. (Rumour has it . . . . .)

..... that Harry "King Kanute" Pinfeather  
was beaten by Time and Tide at  
Westernport last month. No it  
wasn't the races.

.... that a popular ESS canoeist is still  
scrubbing the inside of his canoe  
after a near miss off Brighton.

.... that the Martian Robot and his  
radial ply snow shoes were of some  
concern to the ADP boys.

.... that Terry Larkin can convert  
Centigrade to Farenheit at a glance  
thanks to his ADP program.

.... that "a funny-sounding, second hand  
orange coloured, tape recorder" was  
up for sale.

.... that after three successive losses  
the Selectors are appointing a new  
Captain of NatMap cricket team.

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### ADP COURSE

14 employees recently completed a nine-day  
ADP course.

The main aims were:

- Teach officers to communicate more  
efficiently with Computer System  
officers and programmers
- Practise fundamental techniques of  
programming.
- To further their insight of the subject  
and contribute to their general development

Participants agreed that although the course  
was intensive and demanding, it achieved all  
it's objectives.

Des Young

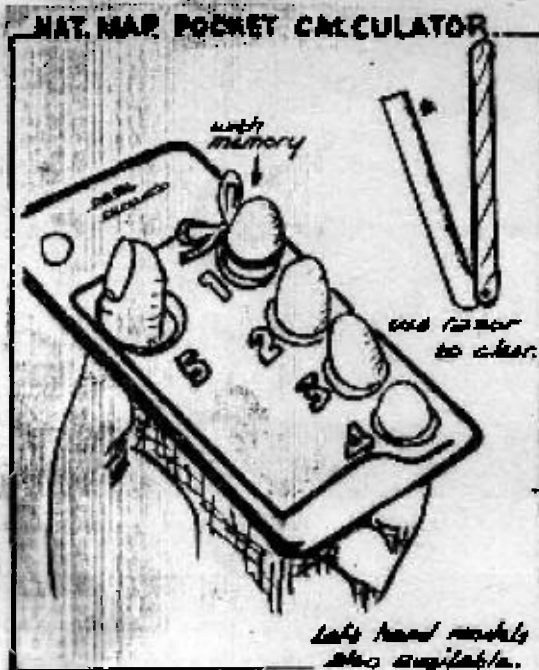
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### WHY INDEXED .....

The more we study, the more we know;  
The more we know, the more we forget.  
The more we forget, the less we know;  
The less we know, the less we forget.  
The less we forget, the more we know.

So why study?

"Anon"



Auto-programmable pocket computer allows unrelated programs to be run simultaneously and offers high density memory system. The IPC 5 (illustrated) operates on internal self-seeking logic circuitry, and has a non-volatile memory, but the larger IPC 10, designed for patching to enlarge the BASIC 5 byte memory for slightly more complex functions, has a volatile memory. Interfacing with the even more complex PC 20 overcomes this problem, as the additional memory chips allow digital retrieval of stored data. Prices vary, but industry reports indicate that the best values are available from the U.K. where distributors are said to be anxious to unload bulk stock at give-away prices, if only their Principals will allow such action. There is no waiting time on current orders. Full technical specifications sheet available from Terry Larkin (courtesy C.S.I.R.O.)

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#### DRINK SALES

Cold cans of soft drink are available in Stanley's office on the 2nd floor.

Schwepes small cans	-	20c.
Coke large	-	25c.
10-cal	-	20c.

Payment is by an Honour system.

Stan Stafford

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#### CAFETERIA

The Assistant Director is looking at the possibility of a cafeteria on the 7th floor at Dandenong.

Our staff numbers apparently do not meet minimum requirements of the Food Services Branch at the Department of Employment and Industrial Relations, however we may be able to get the support of employees from the nearby Commonwealth Offices.

Carl McMaster.

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#### FITNESS CLUB

Every year in Australia 20,000 men and women suffer from some form of heart disease. You could be one of them tomorrow. So come alive and put a few extra years on your life.

You can do just that at the Aerobic Fitness Class in the new Dandenong office. Interested persons contact me for details of the coming program.

Jeff Gannon

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#### GOLF GOSSIP

It has been relatively quiet on the golf scene over the past few weeks, with 'Hack' Hardie being the only golfer worthy of mention, with a great round at Churchill Park.

'Hack' courageously shrugged off a couple of poor holes (35 strokes for 3 holes), to card a memorable 126 - must rate a great show for the 'NatMap' team for Amstel this year.

We are planning numerous golf days when Natmap is relocated at Ellery House. Our Social Club will keep you posted.

The Selby Kid

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# SURVEY EXAMINATION

H.B. Do not write on more than two sides of the paper provided.

Mark answers to the following in order of preference.

1. Which end of the theodolite do you look through? a) Big End b) Little End c) Other
  2. How many legs does a tripod have? a) Three b) Two c) More d) Less
  3. How long should a plumbob string be? a) 1 cm. b) 1 km. c) Depends on height of operator.
  4. How do you use a prismatic compass? a) Swing it b) Eat it c) Look at it
  5. What is a jigger? a) Drink measurer b) Firewalker c) Angle measurer
  6. What is an Angle? a) Devious solution b) Ancient Briton c) Other
  7. Spell the following: a) Draftsman b) Draughthorse c) Aerotriangulation
- Write an essay on a) My holidays or b) The Theory of Satellite Geodesy.

WIT Graduate

April 27th, 1977.

No. 3.

**EDITORIAL OPINION**

We hear a lot about the "Quality of Life" these days and sometimes rely on others to establish that "quality" for us.

In the work situation we invariably rely on the Department or Staff Associations to do it for us but, ultimately, the quality of life at work, as in our home, depends on our attitudes.

We are only too well aware of the many frustrations in the Public Service at the moment but we must remind ourselves that at least we have interesting, varied and somewhat unusual occupations.

With increasing emphasis on Project Team approach, greater job interest should follow, providing we think positively in our relationships with others.

With a new environment, and soon, hopefully, a new organisation, the ball is in our court. It's up to each of us to do our share in elevating the "Quality of Life" at or Natmap.

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**ADMIN. NOTES**

Excess Travelling Time Claims.- These claims are being received in vast quantities. Any staff members who wish to claim for E.T.T. as a result of the move to Dandenong are advised to submit their claims as soon as possible to facilitate prompt payment. Further information regarding E.T.T. claims can be obtained from Pam Hill (Ext. 249).

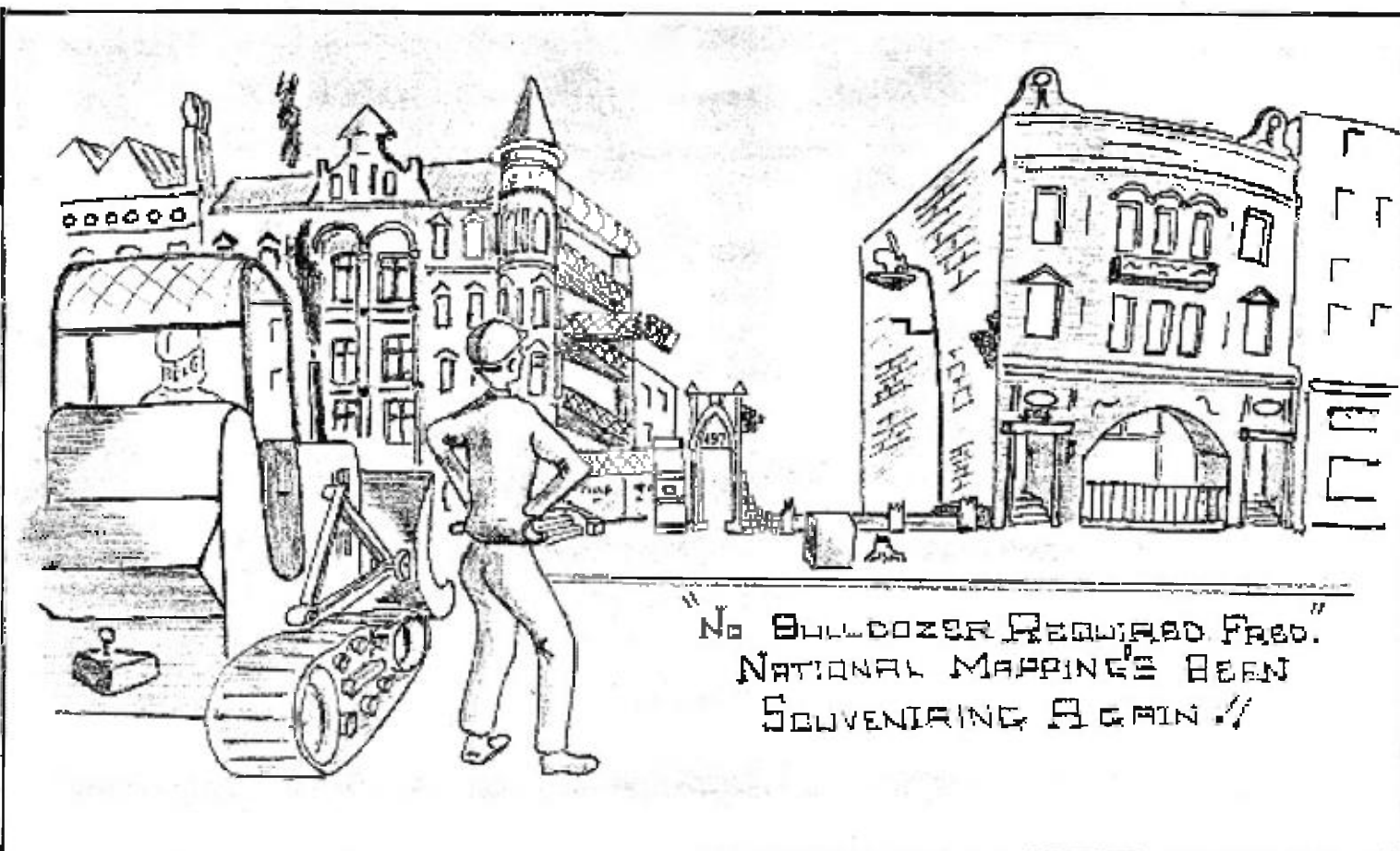
Revised Field Purchase Order and Contract Petrol Order books.- New stocks are at hand and those holding obsolete order books are asked to return them forthwith.

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**S.O.S.**

Your contributions and suggestions are earnestly requested to keep "Natmap News" both informative and interesting.

Hopefully "the News" can only improve - but once again, it's up to you, it's readers!



# R.U.I. (Rumour has it . . . . .)

- ..... That the Acting A/D is supplying the keg for the first Elly House function.
- ..... that the Cafeteria opened briefly last week on the second floor and not the seventh.
- ..... That Duke is alive? and well? and occupying two desks on the third floor.
- ..... that Milt is in training for the Moscow Olympics Cycling events.
- ..... that Perry Lockin has applied for a scallop licence.
- ..... that a yellow Inter was seen around Glen Daverley delivering petrol.

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# SQUASH

Those players interested in playing locally during lunch hours or after 4 p.m. are asked to contact Carl McFaster who is making enquiries as to the availability of courts.

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# FITNESS CLUB

Considerable interest was shown in my initial attempts to commence an Aerobic Fitness Class. Questionnaires will be circulated shortly as proposed starting date will be early May.

Initially we will concentrate on jogging and related activities.

Remember "Train don't strain".

Jeff Gannon

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## SOCIAL CLUB NOTES

"Grubb"

"TIPPO"

Ellery Housewarming: On Friday, 29th April on the 7th Floor there will be a social get-together to mark the opening of our new building. It will commence at 4 p.m. and all employees wives, girlfriends and children are invited for refreshments and a guided tour of the building.

Can we count on seeing you all on Friday?

Annual Subs.: Annual subs. are now due. As with all clubs, funds are essential and to finance our social activities we seek \$5 per head or 50c per month (\$6 per annum).

Car Park: A questionnaire will shortly be circulated regarding the utilisation of the vacant block next door. It will be fenced off and levelled. We will need at least 30 - 35 regulars, paying \$2 per week, to make it a proposition.

Remember your Committee members, Terry Mulholland (7th floor), Pam Hill (5th floor), Terry Lorain and Kaseen Sargent (4th floor), Graeme Barwise (1st floor) and John Manning (Any floor!) welcome your suggestions and ideas on activities. A few enquiries have been received for the film "Rocky" - a few more calls and we'll try for tickets. We all enjoyed "Network" and we hope, with support, to arrange similar outings.

Winners:	<u>Round 1</u>	Andrew Clarke (4)
	<u>Round 2</u>	Tom Zentel (5)
	<u>Round 3</u>	Marie Cowan (6)
	<u>Round 4</u>	Darryl Williams (5)

Progressive ladder (after four weeks) - top three places:

D. Williams	17	1
C. McMaster	16	)
B. Wright	16	) 2
I. Pasco	16	)
M. Cowan	16	)
D. Chalmers	15	)
K. Crane	15	) 3
B. O'Connor	15	)
K. Sargeant	15	)
S. Pinwill	15	)
D. Young	15	)
B. Smith	15	)

Weekly payout \$3.60 - Yearly (1st) \$110, (2nd) \$35 (3rd) \$10 (4th) \$5.

Special thanks to Wendy for her help at the "Rialto".

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## TEY TENNIS CLUB

Ian Shiell

Membership is now open.  
Courts always available.  
Social afternoons on Sundays for club members.  
Inexpensive fees - w/ship \$10 per family per year or 50c per person per session for non members.  
Picnic atmosphere, with bar-b-ques available, in the beautiful Dandenong ranges.

All welcome!

For further details see The Salby Kid  
(ext. 234)

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## GOLF GOSSIP

"The Salby Kid"

Beaconhills Country Club - 19th April:  
Highlight of round was Dave Hocking's return to form with some powerful tee shots and a great birdie on the long par 5 Third.  
Results: Ian Shiell (99), Carl McMaster (100), Ian Pasco (101), D. Hocking (109).

Sandringham - 26th April:  
D.R.H. continued to improve with great attacking golf but beaten on the day by a very consistent Ian Pasco. Results: Ian Pasco (96), Dave Hocking (97), Ian Shiell (99).

Next golf afternoon - May 3rd Churchill Park.

Future dates: Beaconhills May 10th

Sandringham May 17th

All welcome!

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"PROGRESSIONS IN THE PRACTICAL"

(Harry Simpson)

In some progressions mathematical,  
It is positive and practical;  
In knowing our proximity to the Sun  
Especially when you're swimming;  
Or just lazing 'round, and slimming?  
Note carefully, this distance, to the Sun:  
Or your rump, maybe slightly more, than underdone:

When you are pushing on from Forty,  
And perhaps a little portly?  
With your stomach, so beautifully displayed:  
In such problems, Geographical?  
Be positive and practical;  
Indeed, be most emphatical:  
And stay, just a little longer, in the shade:

Should your ego, let you fancy,  
A darling, little Nancy;  
With a vintage, somewhat later your own.  
In such problems, matrimonial,  
Be expansively piratical,  
Too a widow, with collateral;  
And a vintage, somewhat closer, to your own:

\* \* \* \* \*

RECIPES of the HOUSE

By Sasha

Lamb Curry from India - To serve 6 - 8

You need: 3 lbs. boned shoulder of lamb,  
1/4 to 1 cup beef stock,  
2 medium onions, chopped,  
2 cloves garlic, chopped,  
1 tablespoon fresh ginger, chopped,  
2 tablespoons ghee or oil (soy or peanut)  
1 tablespoon lemon juice (optional)  
1 tablespoon Kurrachee curry powder (Substitute is Madras curry powder  
but note that Kurrachee is milder)  
2 1/2 teaspoons salt (use sea salt if available)  
3 large ripe tomatoes, chopped,  
1/2 teaspoon coconut cream (Substitute is 2 oz. of thick coconut milk)  
1 tablespoon fresh mint leaves chopped,  
1 tablespoon fresh basil, chopped (optional)  
1 tablespoon fresh dill, chopped (optional)  
1 teaspoon garam masala (See over),  
2 fresh red or green chillis (Note: the seeds are the hottest part of  
chilli. For mild Curry use only one chilli with seeds removed),  
1/2 teaspoon zeera = cumin powder,  
10 leaves kathir = karapincha = curry leaves,  
10 drops sesame oil (optional),  
1 teaspoon jaggery = palm sugar.

(over)

BOUQUET GARNI (all 13 ingredients are wrapped into a piece of cheese cloth and tied securely; the bag is removed and discarded before serving).

1 2 inch piece pandanus leaf = rampe, 1 4 inch piece fresh scra = lemon grass,  
1 3 inch piece cinnamon stick, 4 cardamon pods, 1 teaspoon mace, 1 teaspoon  
black peppercorns, 4 cloves, 2 bay leaves, 1 sprig parsley, 2 leaves sage, 1 sprig dill,  
1 sprig fresh coriander, 1 small sprig oregano.

#### METHOD

Cut lamb into cubes. Heat one tablespoon ghee and fry kashim leaves until crisp. Powderise the leaves. Add remainder of ghee, coconut cream, sesame oil, onions, garlic and ginger; fry until soft and golden. (Note: if coconut milk is used it must be added later with tomatoes). Add curry powder, salt and zeera; fry on very low heat for 15 minutes stirring continuously. Add tomatoes, jaggery, mint and chillis; fry gently for 5 minutes. Add lamb and fry another 5 minutes. Add 1/4 cup beef stock, cook over very low heat for 40 minutes. Insert bouquet garni into the curry. Cook for 30 minutes or until the meat is tender. If the curry is too dry, add a little beef stock. Garam masala, dill and basil are added for last 5 minutes of cooking time. Taste and add lemon juice (if required), extra salt and jaggery until the correct balance is reached. This final step of "Tempering" is very important. Be careful not to over-sweeten this curry. It must taste salty.

A variation to this curry: For last 30 minutes of cooking time add 2 - 2 1/2 cups of beef stock and 1 lb. of potatoes, peeled and cut into quarters.

Serve with boiled unsalted rice.

#### GARAM MASALA

There are many variations, some using hot spices such as chilli and pepper. My favourite mixture is:-

2 teaspoons cardamon seeds  
3 x 3 inch cinnamon sticks  
1/2 teaspoon whole cloves  
2 tablespoons curmin seeds  
1 tablespoon black peppercorns  
2 tablespoons coriander seeds  
1 whole nutmeg.

In a small pan roast separately the cardamon, cinnamon, cloves, curmin, peppercorns and coriander. As each one starts to smell fragrant turn on to a plate to cool. After roasting grind in a blender or with mortar and pestle. Finely grate the nutmeg and mix in. Store in glass jar with airtight lid.

Note: Be careful in roasting curmin, it must not be over-roasted.

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#### LIGHTS

Would staff please turn off lights in their area when leaving at night.

May 27th, 1977.

No. 4.

**EDITORIAL OPINION**

" To a man of imagination a map is a window to adventure "

This eloquent phrase from Sir Francis Chichester has in fact much relevance for those of us who have experienced the satisfaction of being engaged in the compilation and checking of a map. The work we are engaged in is unique as each map in itself is a valuable manuscript both in terms of expense and source of information to the map user.

We should not downgrade the work we do but rather take pride in what we accomplish, particularly when the result of our work is acclaimed by people such as Sir Francis.

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**SOCIAL CLUB NOTES**

"Grub"

Wine & Cheese Night (see Ad.) this Friday. Look forward to a selection of white and red wines accompanying the cheese platter. Two Antarctic films and one from National Mapping will be shown. A raffle will be held on Thursday & Friday to help subsidise this event - the prize, listed below, is well worth winning.

- 1st: Houghton White Burgundy  
 1974 Chalembur Burgundy  
 Mildara Golden Bower Riesling  
 1975 Merrivale Cabernet Sauvignon  
 1972 Coonawarra Cabernet Sauvignon  
 1972 Penfolds Cabernet Shiraz 389  
 Orlando Barossa Rhine Riesling  
 Cinzano Asti Spumante
- 2nd: 40 oz. Chatelle Napoleon Brandy
- 3rd: 1971 Wyarra-Coonawarra  
 1974 Redman Cleret  
 Penfold Pinot Riesling Bin 365

**EXTRA****WINE & CHEESE****NIGHT****4.30 — 6.30****7th Floor****Friday 27th May**

## SOCIAL CLUB NOTES continued

Car Park: All those using the Car Park are requested to bring their monthly fees up to date. Anyone wishing to use the park on a very temporary basis (one or two days a week) can see me as soon as possible.

Subscriptions: Flowing reasonably well but a number of people have still to pay up. The Club was founded for the interest of ALL members thus we feel ALL members should take a small interest.

Recreation Area: With a bit of luck the furniture for the 7th floor will be in use soon. Speedie has completed the tables and after painting they will be ready for table tennis. A pool table will arrive shortly for use on an "honor" system.

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## ADMIN. NOTES

The Admin. section noted with much sadness the departures of Con and Noelene last week. Con has left for the Department of Transport where, he informs us, he is settling in well. Noelene has gone to the Department of Productivity where she seems quite happy.

The remaining staff are still reeling under their losses. However, Miss Magda Rempal has commenced in Con's position and Mr. Craig Hawke should commence in Noelene's job on Monday, 30th. We hope that it won't be too long before we are back at full operating strength, however, it may take a little time to settle in so please be patient.

\* \* \* \* \*

## ON HEATING

I would like to go back to Rialto again,

With a heater to huddle by.

All I ask is for nice warm air,

Will someone heed my cry!

Apologies to John Mansfield  
".

\* \* \* \* \*

## "TIPPO

Winners:	<u>Round 5</u>	Des Young (5)
	<u>Round 6</u>	Dave Dour (5)
	<u>Round 7</u>	Bob Smith (4)
	<u>Round 8</u>	D. Shiell (6)

Progressive Ladder (after eight weeks)-  
top three places:

I. Pasco	35		1
Mrs. K. Cowan	34	}	
B. O'Connor	34	}	
C. McMaster	34	}	2
U. Stuchbury	34	}	
K. Sargeant	33		3



## EATING OUT

Blue Streak

Le Gavlois, Blackburn Rd., Syndal.  
HYC. Decor - Red & Black. Saturday  
Nights a bit full.

The waitresses appear to wear black sleep long nighties, the busty blonde modestly wore a black open fish net over the top. Chef inclined to be temperamental (very French). Known to throw steak at those who think differently about what is rare and what is raw. Menu heavily French (an interpreter very useful) -  
Garlic prawns - great  
Back of lamb - diabolical  
Melon with Port - great  
Strawberry crepes - great.  
Potentially a very good restaurant if you pick your night - I didn't. About \$24 for two. Parking in street outside.

Ed.'s note: Agreed!

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## MAPPING FROM SATELLITE IMAGERY

### INTRODUCTION :

LANDSAT-1, launched on 23 July 1972, circles the Earth in a near-polar, sun-synchronised orbit, at an altitude of about 919 km. The payload of the satellite includes two sets of remote sensing instruments which scan a 185 km strip of the Earth's surface. Complete world coverage, except for 8 degree circles at the two Poles, is achieved every eighteen days. Each LANDSAT image covers a ground surface area of approximately 185 km square. The remote sensor used in the Multispectral Scanner (MSS), a cross-track scanning radiometer which discretely and continuously records the response from each picture point (pixel), covering a ground surface area of approximately 79 metres square in four spectral bands.

The second set of sensors are the Return Beam Vidicons (RBV), which record discrete 185 km squares of the Earth's surface like a television camera. There are three RBV bands.

The RBV's have had very limited use on LANDSAT-1 and LANDSAT-2 (launched on 22 January 1975). A third satellite : LANDSAT-C, scheduled for launching in 1977, will reduce the pixel point ground area coverage from the 79 metres of LANDSAT-1 and -2, to that of 40 metres. This will facilitate improvement in mapping accuracy.

The orthographic characteristics of LANDSAT imagery means that it does not have an application to topographic (3-dimensional) mapping. However, with the near vertical view represented by the 11.5 degrees angular coverage of the scanner, relief displacements are minimal, and the imagery is well suited for application to small scale planimetric mapping and revision.

### MAPPING : SOUTH AUSTRALIA

In mid-1976, tests undertaken by Natmap Melbourne, on behalf of two C.S.I.R.O. Division of Land Use Research, indicated the feasibility of mapping selected areas of South Australia from LANDSAT imagery. A program is now underway to map the whole of South Australia from the satellite imagery for the purposes of a C.S.I.R.O. environmental survey. The project involves the production of eighteen continuous tone mosaics at 1:500,000 scale with sheet lines corresponding to quarters of the 1:1,000,000 IMW Series sheets, and a further nine mosaics at 1:1,000,000 scale on IMW standard sheet lines.

The mosaics will be assembled from prints produced from photographically rectified LANDSAT imagery scenes, utilising the Zeiss SEC V. The format will include a super-imposed graticule (Lambert Conformal Conic projection) and standardised marginal information.

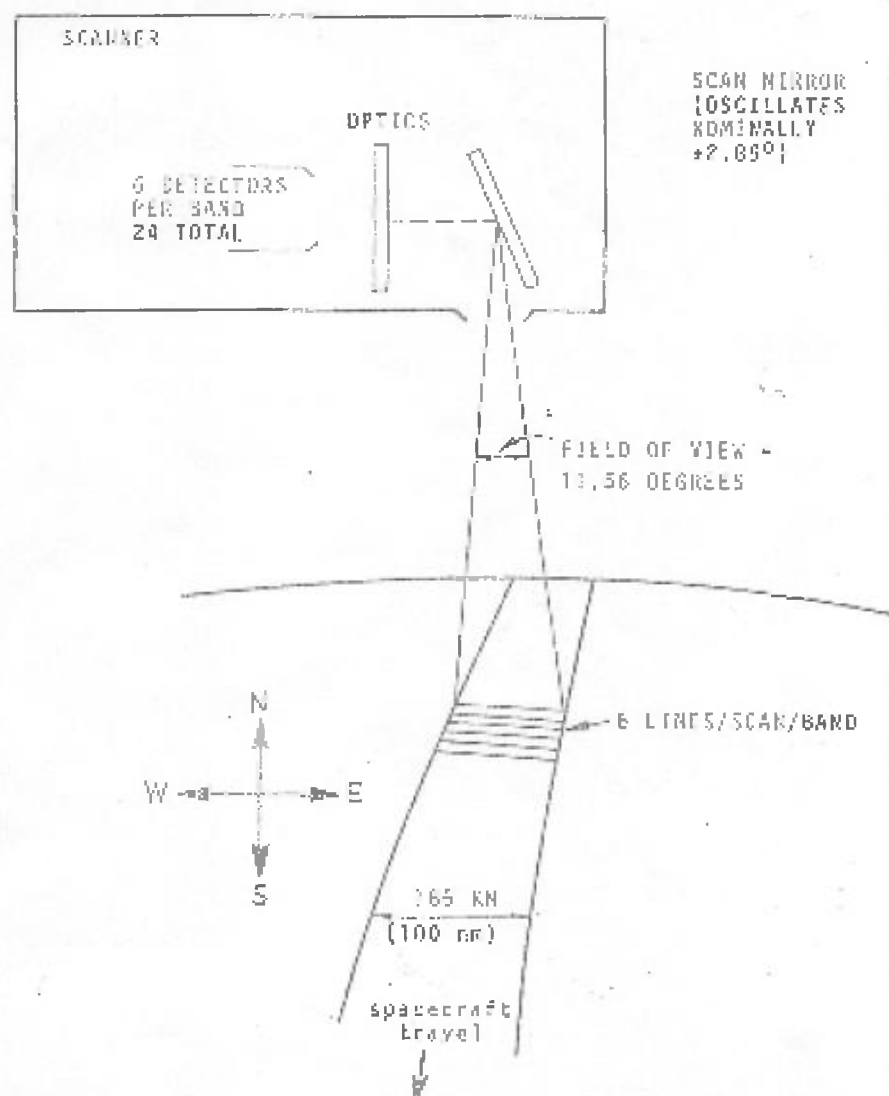


Figure 1: MSS Scanning Arrangement (5)

A pilot sheet at 1:500,000 scale has been produced.

## ANTARCTICA

The cartographic application of satellite imagery has contributed significantly to the Antarctic mapping program.

Eight years ago, facsimile prints of ESSA-VI satellite imagery were utilised to up-date the delineation of coastal features such as ice shelves and glacier tongues for small scale mapping.

Since that time, developments in the application of satellite imagery to mapping of Antarctica have been monitored on a continuing basis particularly by the U.S.A. and Britain.

In 1974, a program of 1:250,000 and 1:500,000 scale mapping from unrectified prints of ERTS-LANDSAT imagery was commenced by the Antarctic Mapping Section. Fifty-five sheets at 1:250,000 scale and thirty-three sheets at 1:500,000 scale have been completed, providing complete coverage of the coastal region and all inland areas of topographic interest in Australian Antarctic Territory between longitudes 45° and 120° East.

Norm Harding.

\* \* \* \* \*

## STAFF DEVELOPMENT NOTES

John Manning

A very successful man management course was held during the month. One of the highlights for the participants was the jolting fact of how they appeared to other people.

Small on-the-job training sessions were held for theory and familiarization with MS equipment and a SED V rectifier.

A staff development scheme is now in draft form. This will in essence consist of an ongoing employment history and a listing of performance and experience in each of the functional areas of the office. Individual development action will be drawn up for each person and reviewed at six monthly intervals for all officers. Further information will be available before the scheme is introduced.

It is planned to hold some type of training course every month to six weeks during 1977. Initially these courses will be primarily aimed at section leaders and will be repeated in future for officers at other levels.

\* \* \* \* \*

## ANY ONE FOR TENNIS ?

Lunchtime - Thursday or Fridays  
(opposite NatMap)

**\$1** for as long as you like.

Can also supply sporting equipment and gear - Kathy Catterall.

## ART HEFT

"Hairylegs is missing ....." "

Last seen on cabinet on 1st Floor. An original oil painting with genuine hair, 16" x 6".

Has great sentimental and artistic value, obviously for someone's private collection.

Reward offered - ring "Hair" 217.

No police action will be taken on return of painting.

"We Want Hairylegs Back".

\* \* \* \* \*

**R.H.I.** (Rumour has it . . . )



... that the Acting A/D reckons the smart thinker who set him up to supply a couple of dozen for the "Do" will go far... WOULD BE WISE TO GO FAR!

... that a Matmap personality is in the running for Chief Knicker Checker for the Peninsula Ladies Netball Assocn.

... that Groom, Grubb, Ted and Norm know a good place to get a short back and sides.

... that a large Matmaper was selling spuds in the basement by the bag.

... that the field party of Grubb and Larkin had an enjoyable time. Where? Measuring the vacant block next door.

... that Eddie Crow had some tales of the hunt on his return from leave.

... that the Matmap drinker's rift had widened due to various opinions being expressed regarding merits of "The Pub" vs. "The Albion".

... that a bearded ESE flyer had a narrow reprieve from the hangman's noose.

... that local art circles are mystified by the sudden disappearance of collector EHH.

... that the lads on the Management course are now experts on gyros.

\* \* \* \* \*

FIELD NOTES

Coastal Photography

Ed Burke, Steve Pinwill, Rodge Kearns and Mick Lloyd are in transit by vehicle to Broome W.A. where a six week coastal and off shore photography program is about to begin, working towards Darwin.

Bill Stuchberry and Ted Rallo are flying to Broome this weekend.

Field Notes continued

Meanwhile Ron Vassil, Bob Smith and Arnold Visser are test flying the equipment in the contractor's Strike Commander from Perth this week.

Laser

The Laser party is presently working in two groups. Paul Wise, Rod Menzies, Graeme Lawrence, Oscar Ertok and Al Simskavicius are installing and testing the Laser equipment in the Nomad at W.R.E. South Australia. They will then re-fly some runs near Alice Springs before proceeding to Fitzroy Crossing for the main program in photo blocks 42, 43 and 44.

In the meantime the ground support vehicles are approaching Ft. Hedland. There Laurie McLean and Tony Maginn will pick up aircraft fuel and proceed to Kidson Field. The fuel will supplement the aircraft's range while on the long flights over the Great Sandy and Gibson Deserts. While Hayden Reynolds will go on to Fitzroy Crossing with the workshop caravan to meet the aircraft.

The Nomad will be operating from Fitzroy Crossing, Nullagine, Mt. Newman, and Wiluna during the Laser program.

Map Completion

Kevin Crane, Drew Clarke and Kalen Sargeant are at Ceduna, S.A., on a map completion survey which will take them across the Nullabor to Norseman. The job should take five weeks and they are already a third way through.

John Madden, Les Bodo and David Dzug did a quickie inspection from Berwick airstrip on 17th May. They started the inspection of the Warburton 1: 250,000 sheet which is up for a reprint.

John Madden, Khgo and Harry Simpson recently spent two weeks on a field inspection program on 12 sheets in the Lake Cargelligo, Cooligal and Barron areas using an aircraft chartered from Griffith.

## "MAN MANAGEMENT SEMINAR" Russ Hughes

With some trepidation we (John & I) entered Room 3206 and I for one was pleasantly surprised when we settled down to find that the others on the course were all Natmappers (Bewdy! at least I know someone) but once we eyed the stack of reference material neatly deposited in front of us, and as a cool and somewhat detached Doug Hinton outlined the extent of the week's activities, the possible comradeship of the Natmap fellows paled into significance. We were on our own! This was to be no Sunday afternoon picnic.

How can you describe a week's activity like that? Fifteen guys crammed into the same room, all being 'pumped' with some ideas, playing the same games, with all ideally the same object in mind. Someone likened the initial impression to the indoctrination procedure as used by Nurse Ratchet in "One Flew Over The Cuckoo's Nest". It was a pretty harrowing experience and by Tuesday night I'd had enough. I always seemed to be on the losing team, couldn't play cards, the squares wouldn't go together and was cast the "work alcoholic" in one of the scenarios (never touch a drop!)

But the week ended and I felt uplifted. The old brain was functioning again. Goals, aspirations at work which I for one had given up for dead suddenly returned to life. These are my feelings - and whilst I haven't revolutionised WRO with all the new theories of motivation as yet, I at least appreciate that "management" is proffering the ideal that staff are real people, all with different thoughts, motives, ideas and weaknesses.

Of course not the least benefit of the course was getting to know some of the Natmap fellows much better - in fact if only people in normal work situations could be as open and honest with each other as everyone was on that course, then "work would be a much better place to work".

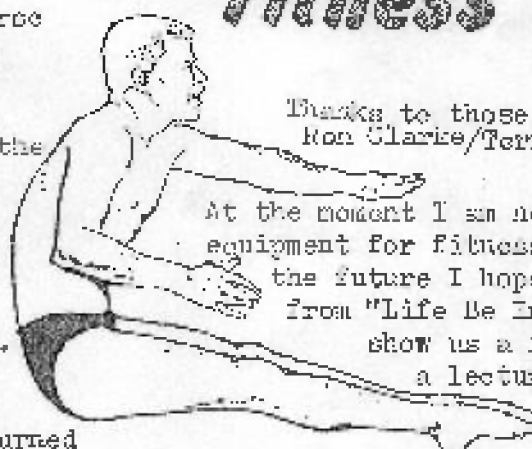
\* \* \* \* \*

## Squash Notes

20 staff members have indicated their interest. Lunch-hour sessions are in progress at Olympic courts in Scott Street. Intending players bring your gear on Thursdays and Carl McMaster will take care of the bookings - Beginners are most welcome.



## Fitness Club



Thanks to those who attended Ron Clarke/Terry Moore talk.

At the moment I am negotiating for equipment for fitness program and in the future I hope to have a rep. from "Life Be In It" campaign to show us a film and deliver a lecture.

Jeff Gannon

## Golf Gossip Selby Kid

Churchill Park: (3rd May).

Welcome new member Reg. Kearns.

Results: Carl McMaster 93, Ian Shiell 95, I. Pasco 104, R. Kearns 138.

Beacon Hills: (11th May).

Despite bad weather some good golf was played. Results: Dave Hocking 97, Ian Pasco 99, Ian Shiell 109, John Hardie 118.

Churchill Park: 18th May).

Highlighted by return of Grubb (after injury). Results: Dave Hocking 102, Grubb 104, Ian Shiell 108, John Hardy 115.

Sandringham: (25th May)

Fine day, golf highlighted by remarkable



# NAT - MAP      DISPLAY

From      May 27th      till      June      30th

Also      Saturday      Mornings

Between      9 am      -      12 noon

## MAPS      AND      PHOTOGRAPHS

SIMULATED      FIELD      &      OFFICE

OPERATIONS

VOLUNTEERS      ARE      REQUIRED      TO

OPERATE      BS,      SLIDE      PROJECTOR      AND

ANSWER      QUERIES

### Golf Gossip continued

improvement by Mack Hardie.

Results: Ian Pasco 90, Carl McMaster 95,  
Mack 98, Ian Shiel 99, Bill Stutch 105,  
DMI 106.

Future Dates: Waverley - June 1  
Ringwood - June 8  
Sondringham - June 15  
Beacons Hills - June 22

Open Golf Championship to be held  
Mid August. An inscribed Cup to be  
presented to winner for possession  
for 12 months.

Details are not finalised and all  
suggestions will be most welcome.

Keep in mind Commonwealth Golf Day -  
in early October. Qualifying rounds  
starting soon to pick Natmap team.

### PROFILE OF AN EX-ATHLETE (about to enter Natmap Fitness Club.)

Height: 6'1 1/2"

Age: Pushing 40

Condition: Very Slack

Middle Fat: Plenty

Physical Performance: Marginal

Potential Heart attack/nervous  
collapse

Past History: State Level performance 1959

Last time in good condition: January 1960

Sport Played: Recent years - nil

Present Physical Activity: Nil (Hate  
exercise)

Tracksuit: No

Sandshoes: No

Alcohol Consumption: Too Much

Caloric Consumption: Too Much (Eat when  
hungry)

\* \* \* \* \*

\* \* \* \* \*



# Kitchen Corner

## RECIPE of the MONTH

By Sasha

TOD MAN KUER (Meat balls from Thailand)

Ingredients: 1/2 lbs minced beef  
1/2 lbs minced pork  
1/2 teaspoon ground nutmeg  
1/2 teaspoon garam masala  
2 cloves garlic, crushed  
1 teaspoon salt  
1/2 teaspoon ground black pepper  
4 tablespoons chopped fresh coriander leaves (substitute is one  
tablespoon fresh basil, one tablespoon fresh dill, 2 tablespoons  
fresh parsley - all finely chopped)  
3 spring onions, finely chopped  
1 beaten egg  
2 teaspoons oyster sauce  
plain flour  
lard for frying.

Method: Mix all ingredients except flour and lard. Make small balls (about 50),  
roll in flour and fry in hot lard over medium heat for about 5 minutes  
or until cooked through and golden brown. Drain on absorbent paper.

Note: If the mixture is too dry, add a little thin coconut milk.

\* \* \* \* \*

## WINE of the MONTH

Blue Streak

PENFOLDS RHINE REISLING

BIN 231

VINTAGE 1976

Availability: Crittendens Special Price: \$1.85 or \$21 per doz.

An outstanding wine blended from the classical Eder Valley Rhine Reisling growing area  
with the newly planted grapes from Penfolds Coonawarra vines. Made in the old fashioned  
style it lacks the handful of sugar (thank goodness) of Ben Ben. The acidity and fruit  
combination provide a delightful balance. Beaut drinking now or well worth cellaring  
for a couple of years if you are not thirsty.

Rumour has it that the wine is so good it nearly made a star billing at Stuch's wedding  
but just a bit old fashioned for the masses.

Limited availability.

Assessment Method: Colour and condition 3, bouquet 7, palate 10. Points: 3, 5 1/2, 7 1/2.

To Sum Up: A 16/20 wine of great appeal and further potential with a very good balance  
between aroma, flavour and grape.

\* \* \* \* \*

## COURETS CORNER

Anon

COQ AU VIN (Serves 4)

You need: 1 3lb chicken cut into serving pieces, 1 tablespoon oil, 2 oz. butter, 4 rashers  
bacon - cut off rind and chop, 4 small onions - cut into rings,

Courgets Corner continued

2 tablespoons Brandy, 1 1/2 cups Burgundy, 2 oz button mushrooms, Bouquet Garni, 2 cloves garlic, salt & pepper, Beurre Manie - 1/2 oz. softened butter, 1/2 oz plain flour, mix into smooth paste. Add to dish in small pieces, stirring continuously. Chopped parsley and fried croutes of bread for garnish.

Method: Heat oil, brown chicken pieces and remove from casserole. Take bacon and onions and saute til golden brown. Replace chicken, add warm Brandy, ignite. Add Burgundy, mushrooms and garlic, bouquet garni, salt & pepper to taste. Cover and cook in oven 350-375 F, 45 mins. Remove bouquet garni, thicken with Beurre Manie 5 - 10 mins. Garnish with parsley and croutes before serving.

Summing up: This delectable dish is worthy of gracing the table of the most discerning gastronome, guaranteed to titilate those palpatating taste buds. Gentlemen, a smaller version for a candlelight soiree a deux would be a fair move towards fulfilling your designs!

\* \* \* \* \*

TOP SECRET:

by A.A.

BROWN BOMBER

Materials:

- |                           |                       |
|---------------------------|-----------------------|
| 1 teaspoon salt           | 5 four gallon tins    |
| 2 ozs hops                | 1 wooden spoon        |
| 8 lbs malt                | 3 ft. rubber tube     |
| 10 lbs. sugar             | large glass basin     |
| 1 1/2 ozs packet gelating | colander              |
| 2 teaspoons Epsom Salts   | large coffee strainer |
| Compressed Yeast - 1      | 72 bottles            |
| teaspoon                  | 72 crown seals        |
|                           | crown sealer          |
|                           | hammer                |

Put hops, salt and Epsom Salts in 1/2 tin cold water. Boil about two hours. Turn off gas to prevent burning sugar on bottom of tin. Pour in sugar and malt. Stir vigorously. When all dissolved light gas again. Stir until the liquid boils. Simmer 1 to 2 hours. Turn off gas and let stand all night. Light gas again next morning and heat for 1 hour. Strain through colander turning hops into another vessel. Cover hops with cold water and wring out with hands. Add liquid to strained liquid. Strain again through wire strainer for seeds. Equalise liquid in two tins and 3/4 fill each with cold water. Stir in yeast (brewed). The whole should be a little over blood heat. Lift off heads as they rise. When working stops (4 or 5 days after brewing) syphon off the liquid, wash tins, replace liquid and top up with water to one inch from top. Stir in gelatine (prepared as set out below). Allow to settle for 24 hours then bottle.

Preparation of Yeast: Stir yeast and one tablespoon of sugar into one pint of lukewarm water and let stand about half an hour. Add half to each of the two tins.

Preparation of Gelatine: Soak gelatine in half pint of cold water and when soft add a little hot water. Stir until solution is entirely clear with no suggestion of granules.

Notes: Ingredients and directions are for 12 gals.--three honey tins full.

Brown Bomber continued.

After adding gelatine and before bottling there are two tins full i.e. 8 gals. When gelatine and yeast, after settling for 24 hours have sunk to the bottom syphon off one tin at a time and wash the sediment out of the remaining tin.

To ensure that the tins are not disturbed put the two tins on a table after the gelatine has been added, so that the liquid can be syphoned off without raising the sediment by moving the tins.

Just before bottling divide the total liquid between the three tins and make up with tap water to about one inch from top i.e. to make 12 gals.

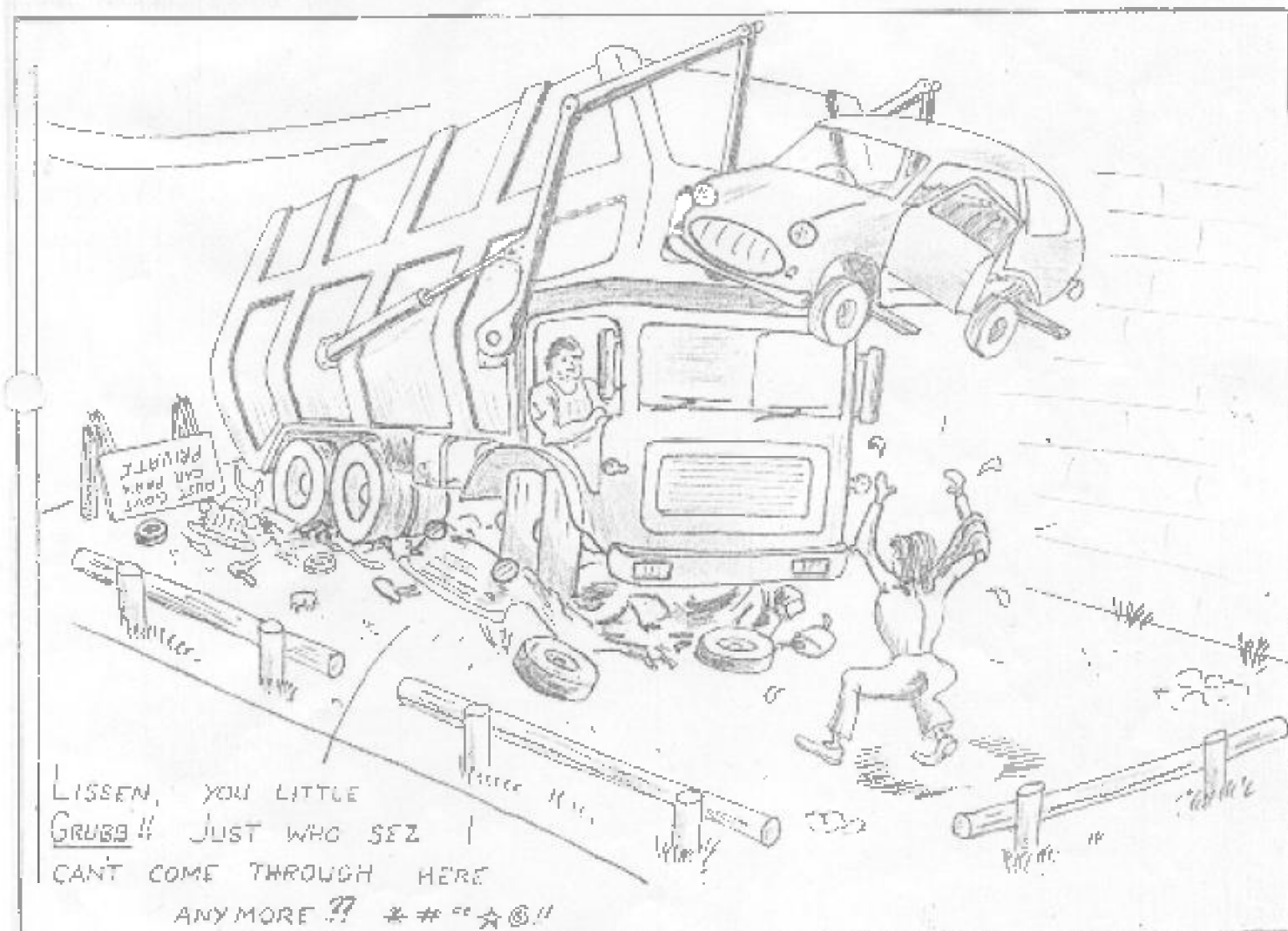
IMPORTANT:

Before bottling add sugared water to each of the three tins as follows:

Dissolve two glass cups of sugar in about three pints of water. Add one pint of the sugared water to each tin. This ensures a good head.

Cap the bottles with crown seals using a hammer and a special sealer. Sealers with rubber offer and wooden handle can be obtained. A special type of sealer with a lever is also obtainable. To use sealer place bottle on cement floor and strike fairly with hammer.

\*\*\*\*\*



DANDENONG

OFFICE

June 30th 1977

No. 5

**EDITORIAL OPINION**

'The Scale's but small, Expect not truth in all'


This poetic warning note appears on an old 1685 map of London now in the Guildhall Library. \*

The note is held above the scale bar by a reclining female with a figure of ample proportions (now there's an idea to boost map sales!)

Nearly 300 years later one wonders just how much this warning still applies when, 'The scale's but small . . . .'

How far from the truth can we responsibly stray? Or, how far outside the accuracy specifications would the user expect his purchase to be, and be still satisfied he is getting value for money?

It has been said we have a monopoly which is why it is vital to our good name for us to produce maps to specifications so that we can confidently sell what we make - and thereby survive!

 should mean quality and reliability which will withstand the challenge of enquiry by any competent authority - otherwise an appropriately worded note seems justified.

\* The scale of the 1685 map is 9 1/2" : 1 stat. m. (about 1:6700)!

Part of the delightful description of this map contained in Darlington & Howgego's, "Printed Maps of London" reads:-

"Drawne by W. Heller, the like never done before. Sold by Robert Greene at the Rose and Crowne in Bridge Row, London, where you may have all sorts of Mapps." (and other things besides no doubt! Ed.)

D.R.H.

# DATA LOGGER ARRIVES YEARS OF WAITING OVER

by K.C.

Natmap at last, after a long delayed and eagerly awaited delivery, has become the "proud" owner of a data logger system. It is located on the 1st Floor in the orthophotomap production area, and is currently undergoing an operational acceptance check.

The system basically comprises :

- \* A PDP11/40 minicomputer with 32K core memory
- \* A DECwriter console terminal, capable of producing 60 characters per second
- \* A moving head disc drive with 2M Bytes of storage
- \* A 9 track magnetic tape drive/controller unit
- \* 3 visual terminal units (V.T.U.)
- \* A stereoplotter interface
- \* Suitable software

The system is capable of recording, storing and checking the validity of digital information in the form of X, Y and Z co-ordinates of points over a stereoscopic model. Apart from recording and storing individual spot heights, the system also records and stores points 2 mm. apart over the whole model, forming what is known as a digital terrain model (D.T.M.)

The interface between the computer and the stereoplotters enables the system to gather D.T.M. information from three stereomats simultaneously; store information from each machine in separate files; and permits individual communication with the computer from each machine via a V.T.U.

The digital information is stored in the system on a disc, and can be edited, added to, or amended before the final co-ordinates are recorded on magnetic tape. The tapes are then used to produce D.T.M. contour plots or overlays to orthophoto mosaics.

\* \* \* \* \*

A.A.E.S.D.A. NEWS

by L.B.

Norm Harding, President of Victorian Branch (Division), has been elected unopposed as Federal President of the Association. His sustained participation in many areas of the Association's activities has featured a special interest and involvement in the spheres of education and training. He has represented A.A.E.S.D.A. at many National-level conferences, concerned with all fields of education. In 1976 he was elected to the National Executive of the Australian Association of Adult Education. His knowledge and experience of Public Service affairs is extensive.

In point of fact - we have the right man at The Helm.

\* \* \* \* \*



SOCIAL NOTES

"Grubb"

Coming Event Social Get-together this coming Friday, 1st July, at 4.00 p.m. on 7th Floor. Full range of Drinks and Appetisers. Visitors will be requested to donate \$1. and anyone who wishes to bring their loved ones (that includes the children) are most welcome to do so. A few short films on childrens' fables will be shown from 4.30 p.m. So....all Social Club members - and prospective ones - come along and enjoy yourselves.

Car Park Is operating fairly successfully but cooperation of the users is requested in reporting outsiders seen damaging our fence. Monies are now due for this month's rent. (Make sure you are not in arrears).

Subscriptions There are still some people who are not financial (but are still coming to our free turns!!!

Recreation Area The two new table tennis tables are now in use (balls and bats in coat locker in corner). The pool table will arrive this week. It will be a coin-in-the-slot job for a few months until we can pay for a new one outright.

Coming Event We are considering having a Dinner Dance on the 7th Floor (fully catered for, band etc.) around the middle to end of September. Suggestions or ideas most welcome.

Sandwich Bar I would like to have your reaction to having a sandwich bar on the 7th floor for lunchtimes. Prices would be lower than at local shops.

"TIPPO"

Winners: Round 9 T.Zentai, A. Clarke (5)

Round 10 N. Oliver (5)

Round 11 K. Sargeant (6)

Round 12 M. Cowan (6)

Round 13 K. Moody (5)

Progressive ladder (after 13 weeks - top three places:

I. Pasco	58	1
M.Cowan	55	)
K.Moody	55	) 2
B.O'Connor	54	3

\* \* \* \* \*

ADMIN. CORNER

Pam

The Division is slowly settling down after the upheaval of moving; with only one departure taking place during the past month, Kathy Catterall. Kathy has moved to Canberra to be with her husband and we wish her all the best.

Mr. Craig Hawke has commenced in the Registry and is settling in well. Two new T.A's have commenced under Peter Krauja's guidance. Miss Eva Biro will be remembered by many staff as our relief switchboard operator last month. Mr. Anat Binnoore comes to us from a three month stint as a security guard with Wormalds, prior to which he spent 12 years as Victorian Transport Coordinator with the Army. Mr. Kazimierz "Joe" Stanczewski began on Monday as a new driver for the Admin. section. He has a long history as a driver including jobs with "Cerberus" Navy base and G.M.H. Dandenong. We wish all our newcomers a happy stay at Natmap.

\* \* \* \* \*

THEATRE REVIEW

Roy Turner

"The Club", David Williamson, Russell St. Theatre - May 24 - July 23

This play takes the audience behind the scenes for a different kind of football free-for-all.

The play is about an ailing footy club's efforts to win a premiership after 19 years. Taut, economical and very funny.

Thoroughly recommended.

\* \* \* \* \*

# ***Social Night***

Friday - 1st July - 4:00 p.m.

7th Floor Ellery House

Films For Children

**ALL WELCOME**

## SMALLTERNATIVES

L. I.

Smallternatives are ways of reducing the amount of energy we use by making small changes in the way we do everyday things.

Smallternatives are ways in which we can all act simply to reduce waste, and pollution, save money, and yet still maintain our quality of life.

The effect of each individual's actions may only be small, but if people followed some of these guidelines, the effect throughout Australia would be quite large.

## PACKAGING

- \* Buy in bulk e.g. through a food co-op., whenever practical. Arrange to buy for several people (Tubs for Spuds). Bulk buying reduces packaging and saves money.
- \* Buy products in re-usable, returnable or at least recyclable containers (Milk still comes in bottles). Avoid plastic if you can.
- \* Avoid unnecessary, purely decorative packaging and pre-packaged fruit and vegetables.
- \* When given paper bags, save them and use them again.

## AT WORK

- \* Recycle paper by using the backs of sheets or this newsletter for messages, letters, memos etc.
- \* Re-use envelopes by pasting small sheets of recycled paper over the old address and stamp.
- \* Use fillable pens or pencils for notes rather than ballpoint and felt tip pens.
- \* Always use cloth handkerchiefs, recycled rags and cloth teatowels rather than disposable paper towels and tissue.
- \* Share newspapers and magazines with others.

Small alternatives continued.

- \* Use cold water instead of hot water whenever possible e.g. for rinsing.
- \* If you shave (why not grow a beard) don't use more disposable than absolutely necessary, especially disposable razors.
- \* Avoid aerosol cans of all types. They release chemicals which break down the layer in the upper atmosphere that protects us from harmful radiation.
- \* Use uncoloured toilet paper. Most toilet paper dyes and bleaches pollute.

There are thousands of small decisions to be made throughout the day whether it be to use the lifts or stairs or whether to light another cigarette.

The ad. men are forever trying to tempt us to consume. Before consuming ask yourself

IS IT NECESSARY?

\* \* \* \* \*

#### TENNIS

Courts are available Thurs. & Fri. lunchtime  
Cost \$1 per head.

Details - Vickie (Ext. 217)

\* \* \* \* \*

#### LOST & FOUND

Hairylegs is still missing.

Substantial reward - contact Vickie (Ext. 217)

\* \* \* \* \*

#### DEATHS

PAIM - R.I.P. Charlie,

Your presence is sadly missed by all,  
everyone still asks after you.

My one consolation is that you spent  
your last days in a sunny, though  
somewhat windy atmosphere, with a  
beautiful scenic outlook, more like  
your original environment. JUNE

PAIM Charlie 14.6.77

Ward 7 Ellery House

We hope it's not catchy. R.I.P.  
Your friends Kelly, Cassy & Wendy.

PAIM Charlie 14.6.77

Gone to the big palm place in the sky.  
May your leaves turn green again.

R.I.P. Admirer.

\* \* \* \* \*

R.H.I.

(Rumour has it . . . )

... that W.G.H. is gunning for the person who nicked his bolts!

... that Leon Derckaz is running for Mayor of Fitzroy Crossing at next elections.

... that The Mayor of Kidson Field (Mr. A. Maginn) has threatened to resign over a dispute with Councillors L. McLean and A. Abbo concerning the colour scheme for the new toilet block.

... that Kidson Field City Council has applied for Government assistance to provide runway lighting at the airport.

... that the river at Fitzroy Crossing has been fished out.

... that R.H.I.'s glider has been seen riding thermals west of Alice Springs. That's one way to conserve power.

... that Ellery House lifts are unsuitable and will soon be replaced by those from Rialto.

... that Hayden Reynolds has been swallowing large amounts of "Vitamin C" since his return from Colder Climes.

... that Mr. "Right" is maintaining normality in Laser section while others are working hard in the field.

... that Edgar's rubbish bins were not big enough for his last haul of mushrooms.

... that Ken Hayes has a spray paint shop in the basement.

... that the 1977 Laser Field Survey file has been stamped "Mission Impossible".

... that the Nomad is attracting attention wherever it goes - could it be that spectators can see something we can't?

... that the Selby Kid is learning to fly.

... that Oskin has a contender for the throne.

... that Dicky Bird has installed a cow-catcher on the front of his Corolla.

... that Rod Menzies is publishing a book "Dining Out in Adelaide".

... that the well known rider from Fitzroy Crossing is back for some R & R.

... that the lads on the recent job training course will be approached to join Actors Equity.

... that Tom Zentai has been nominated for a Logie.

... that V.R.C. Store has been transferred to Kevin Moody's briefcase.

... that O.J.B. has a plant that can count 3 to 8 with only one mistake.

... that Bob Goldsworthy has finished his Memoirs.

\* \* \* \* \*

### News Digest

Item from a W.A. newspaper:

The Mayor of Kidson Field resigned today as he couldn't get a quorum.

Plans for the new Civic Centre and sewerage works would have to be dropped he said.

He also stated the building inspector would be out of work permanently because there were no buildings.

\* \* \* \* \*

### URANIUM MINING

Anyone interested in signing a petition to Parliament seeking a 5 year moratorium on Uranium Mining see Blythe Osborne on ext. 219. The petition is to be presented to the next session, so please do something about it quickly if you feel concerned about Uranium mining and its possible consequences.

\* \* \* \* \*



# Golf Gossip

by the 'Solby Kid'

7.

The very wet conditions over the last four weeks have taken their toll both with players and courses, with several clubs closing their gates and others which should have.

## Waverley (8th June)

Some good scores were recorded despite the water-logged fairways, with Grubb notching up 5 pars and Ian Shiell, 3 pars and a birdie.

Results:	I. Shiell	91
	G. Barwise	93
	D. Hocking	97
	I. Pasco	101
	J. Hardie	109

## Ringwood (15th June)

Ian Pasco maintained his fine form with another good round, but Graeme Barwise couldn't handle the very wet conditions and failed to flatter.

Results:	I. Pasco	92
	I. Shiell	95
	D. Hocking	96
	G. Barwise	109

## Glensagles (22nd June)

Appalling conditions made shots difficult and scores high. The only golfers to brave the elements were :

I. Pasco	98
I. Shiell	107

## Future Dates:

No weekday rounds have been arranged due to bad weather but keep in mind the Nat.Map. open championship at Amstel on Sept. 6th and the Commonwealth Golf Day in early October.

Qualifying rounds for this tournament will be held during August and September. A team of seven will be selected to represent the Dept. There will be approx. six qualifying rounds with your best three rounds being taken into account.

Watch this column for future details and remember all golfers are most welcome, especially those from V.R.G.

## FIELD NOTES

Map Completion Kevin Crane, Drew Clarke and Kalen Sargeant have returned from the Nullabor trip. Kevin returned via Perth, while Drew and Kalen drove home, ground inspecting on the way.

Laser Paul Wise, Graeme Lawrence and Oscar Ertok are completing reflyz of runs near Alice Springs. By the time of publication it is expected that they will be on their way to Fitzroy Crossing to join Leon Demkew and commence profiling Blocks 42, 43 and 44. Leon relieved Hayden Reynolds at Fitzroy Crossing and Hayden has returned to E.Q.

Meanwhile Laurie McLean and Tony Magian have established a fuel dump at Kidson Field and are repairing the rather overgrown strip in readiness for the Nomad's arrival. Although electrical problems with the Nomad have delayed operations it is still anticipated that profiling will be completed on schedule.

Coastal Photography Ed. Bourke returned from Derby (W.A.) last week, after spending about seven hours at Perth Airport, waiting for his flight to leave; a victim of an industrial strike. He was replaced in the field by the illustrious Joe McCrae who left for Derby on Friday, 17th. This is Joe's first taste of field work since joining Natmap.

Since the last 'Natmap News', the troupe have finished testing at Perth; proceeded to Broome, where the program was to set off from; then north to Derby, where the King Sound, Ashmore and Scott Reef areas were flown before proceeding, just a few days ago, to Wyndham (near W.A./N.T. border) where it is expected they will operate northwards towards Darwin, i.e. way-laying the Kimberleys area for a future date in the program, if time permits.

Carl McMaster, Joe McCrae, Bob Smith, Bill Stuchbury, Ted Bear (Rollo), Micky Lloyd, Reg Kearnes and Harry (Steve) Pirteasher (Pinwell) all send their regards to the 'workers' back at Dandy.

\* \* \* \* \*

\* \* \* \* \*

LETTER to the Editor

Chief Cartographer,  
Division of Irrational Mapping,  
Department of Expiration,  
Lake Burley Griffin Drive,  
Canberra A.C.T.

Sir,

It is with the deepest regret that I humbly wish to bring to your immediate attention, some unfortunate discrepancies in the 1:100,000 Map No. 4470 of Sapphire in the 1:250,000 Map SD 52-6 Mangrove.

After closely following a minor road designated 1.1.3, I have, for the last three weeks, been hopelessly bogged.

It is only through the kind services of a pearling lugger crew, who answered the last of my smoke signals (a muddled bundle of your beautiful maps) that this message may reach you.

I am,  
Your most obedient servant,  
Who is presently bogged,  
bewildered and so far from home

William B. Wayfarer

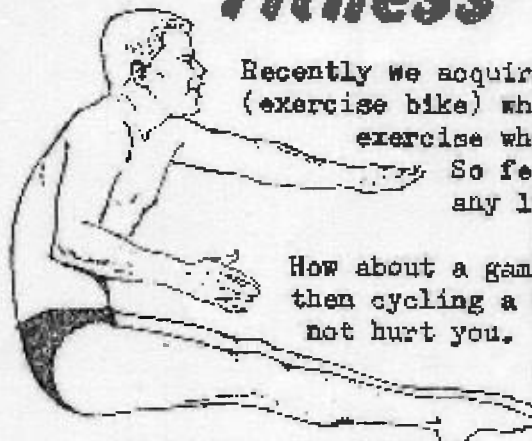
## Squash Notes

Our Thursday lunchtime session is thriving but we still want more members - especially amongst the fairer sex - come on girls and throw yourselves into it - Any Thursday between 12.30 - 1.30 p.m.

Jeff Gannon



## Fitness Club



Recently we acquired an Ergometer (exercise bike) which is ideal for exercise whatever the weather. So feel free to use it - any lunchtime.

How about a game of table tennis, then cycling a few miles - it will not hurt you.

Finally, do not forget the "Life Be In It" lecture and film show on 4th July.

### ODE TO THE RIALTO

How uplifting and heart-warming it is to witness an expression and demonstrative act, rooted solely in the depths of man's feeling for his fellow-man, with no hint of avarice or greed to mar an idyllic scene.

One day early in June a small group of men was to be seen in Collins Street standing in a semi-circle with their heads upturned and gazing at the Rialto building. To the casual observer they portrayed a picture of schoolchildren practising carol singing. But the day was half a year away from Christmas so this unusual gathering demanded further investigation.

Closer inspection revealed the fact that this was a choir formed by staff members of "The Grain Store", "The Watersiders" and "500 Collins Street", paying choral tribute to their recently departed friends. With tear-filled eyes staring fixedly up at the faceless windows of the old Rialto they were brokenheartedly and sobbingly rendering "Will Ye No Come Back Again?"

A few words with the choir leader were sufficient to confirm the sincerity of this uncharacteristic display of emotion, as he recounted numerous episodes and stories relating to the many happy hours spent in the company of Nat.Map. staff.

by Teatotaler



## INTEGRATION OF MAPPING PROGRAM WITH THE ARMY

By Syd Kirkby

On 9 and 10 June Bob Robinson, Byrne Goodrick and I attended a meeting at the Army Survey Regiment Bendigo to discuss the integration of our 1:250,000 program with the Army. The Survey Corps were represented by Lt. Col. John Hellier, Major Noel Sproles, Capt. Rob Bridge, W.O. Andre Hossen and W.O. Marge Knight. The Army are committed by National and International obligations to produce the "Joint Operations Graphic" map series at 1:250,000 in two versions - respectively oriented towards aerial operations or ground operations. This series differs in a number of respects from the 1:250,000 N.T.M.S. maps and the purpose of the meeting was to thrash out a compromise approach to avoid wasted effort in compilation. A copy of a ground JOG is on file (R70/172) and I suggest you have a look at it as an interesting map.

Agreement was reached that we can mutually modify specifications so that Repromat will be exchangeable between Army and ourselves, although both organisations will still have some amendments to make on the Repromat to suit their own particular purposes. These are fairly small and the working party will continue to work on reducing them.

The main matter affecting this office is that of scale and format for data capture. Army are committed to the Automap system and they will capture all data at 1:250,000 scale. The fact that new data capture by then will be digital is a tremendous stimulus for us to go to the digital approach. This of course is apart from independent impetus towards digital approach generated by the need to be able to quickly produce maps of varying scales and to up-date them by automated and semi-automated methods.

It is out of the question for us to go to 1:25,000 scale compilation, however, we have reaffirmed the earlier decision to do all

basic compilation "inside the red line" at 1:100,000. Basically the 1:100,000 specifications are adequate for Army's immediate purposes, although it may emerge that some slight changes to the compilation specifications will be necessary as the project develops.

We are pretty much at the situation now where every map which is compiled by line methods will have to be either repeated in the future digitally or recovered to digital form by processes which at present and in the foreseeable future, are extremely tedious. A big problem for us is that financial constraints prevent our spending much on digital equipment, though we are lucky in that we have some nucleus equipment in the digital PG2's and digital "front ends" of the Stereomats. We also have due for delivery very shortly a cheap digitising system which will readily interface with the data logger computer so that we can start working up the digital approach. Carl McMaster has been giving some preliminary thought to this matter but we will need to make it into a major project in the near future.

Thoughts on how we will ultimately go are very tentative but I see in the relatively short term, we will work up digital capture procedures on the cheap "string" digitiser and probably the front end of one of the Stereomats. A good quality drum plotter and precision table digitiser have been included in the 1977/78 draft estimates. If we get there we will then have a number of possible approaches available to us, namely digitising direct from the aerial photographs in a line following mode on digital PG's (or PG2's), digitising scanned terrain models in the Stereomats, digitising the detail of 1:100,000 orthophotomaps, and manually digitising present or future line compilations.

I think you can well see that the need for integration with the Army will be another incentive for us to embark upon what is pretty clearly the modern line for all mapping, namely, digital data capture and data plotter production.

It promises to be a fascinating exercise.

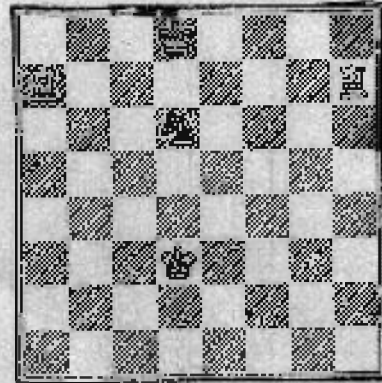
by  
SLK.

PUZZLE NO 1

Mate in 2

Solution next issue

Note: The convention for chess puzzles is that white is to move.



\* \* \* \* \*

TRAINING NOTES

ON-THE JOB TRAINING WORKSHOP

The three day seminar was attended by Rod Maruff, John Ely, Bob Goldsworthy, Tom Zentai, Roy Turner, Milton Riddle, Ian Hall and Kevin Moody.

Topics covered were :

Supervisor's Role,  
Analysis of Training Needs,  
Methods of Training,  
Adult Learning and  
Evaluating Training.

These methods were discussed and compared with existing conditions in the various sections represented. Practical exercises were related to individual areas and it is hoped, will set in motion an analysis of training needs which can be applied on the job.

The major project was for each course member to compile a 20 minute training program on any subject he chose, in which he had to teach another person some relevant skill. Each session was video taped so course members could see themselves as others saw them - particularly while trying to impart knowledge! (Paul Newman, eat your heart out).

Mr Kirkby attended the final course summary at which, in a convivial atmosphere, the aims and objectives of the course were discussed. These included the Division's present reorganised state, with people placed in new areas, staff rotation and the future need for "training workshops".

The course was enjoyed, and the benefits appreciated, by all who attended.

Bob Goldsworthy

JULY PROGRAM

Program for next month is for an Induction Course for the new batch of Technical Assistants and a general course of several weeks for instruction on basic skills required at this level.

A E.A.A.F. Hypoxia Course is planned for 11 July, where participants will be successfully starved of oxygen to experience hypoxia symptoms before being recovered to a normal state of mind. (Mentally deranged Natmappers?)

John Munning

\* \* \* \*

LOCAL EATING OUT

Blue Streak

Lunch at Dandenong -

"The Carvery" - Flanagan's Hotel, Ionesdale Street, Dandenong.

A smoke filled lounge bar provides the front part of the room; it is a pretty popular place at lunchtime for drinking and smoking, and plenty of both goes on.

At the rear is a small carvery bar which serves lunches at moderate prices - \$1.80 to \$2.20. Servings are small and the vegetables are best overlooked; but the meat is great, especially the ranch style roast beef.

Pity about the quality of the wine and the quantity of the smoke.



## Penny's Pantry

$\frac{1}{2}$  teaspoon dried oregano  
125 g. ( $\frac{1}{2}$  lb) chicken livers, washed and chopped finely  
 $\frac{1}{2}$  cup cream (optional)  
 $\frac{1}{2}$  cup butter or margarine  
4 tablespoons flour  
 $2\frac{1}{2}$  cups milk  
Salt, pinch cayenne pepper  
Good pinch nutmeg  
 $\frac{1}{2}$  cup Mozzarella cheese  
250 g. ( $\frac{1}{2}$  lb) lasagne (oblong type)  
Grated Parmesan cheese

## Mince Sauce

Heat a little oil, add the bacon pieces and cook for a minute or two. Add carrot, onion, garlic and celery, stir over low heat for 3-4 minutes. Add pork and veal and the beef, stir well to brown evenly, pour off fat from pan. Stir in tomato paste, wine, stock, salt, pepper and oregano, cover and simmer for 25 minutes. Add the prepared livers and continue to cook, without lid, another 10-15 minutes. Stir in cream.

## White Sauce

Melt butter, add flour, stir over low heat for 2 minutes. Gradually stir in the milk and cook, stirring, until sauce boils and thickens. Add salt, cayenne pepper, nutmeg and shredded cheese, stir until cheese melts. Cover and put aside.

## Lasagne

Drop lasagne, one sheet at a time, into a large saucepan of boiling salted water and cook for 15-20 minutes. (Don't put too many in one saucepan and keep water at a brisk, rapid boil). Turn into a colander, rinse under cold running water and then arrange on a clean tea towel so they are not touching.

## Combine

Spread some of the meat sauce over base of a greased shallow ovenproof dish, add some of the cheese sauce, then some of lasagne, overlapping (you may have to trim lasagne to fit dish). Continue thus, finishing with cheese sauce. Sprinkle with grated Parmesan cheese and bake in a moderate oven for 30-35 minutes.

**SPECIAL  
DISCOUNT!**

**TUBS  
for  
SPUDS**

July 29th, 1977.

No. 6

**EDITORIAL OPINION**

Friendship is an invaluable thing.

It is pleasing that in our office new relationships are being created through involvement in social and sporting activities.

Much more pleasant working arrangements exist when you consider the person you are working with as a friend and not necessarily a colleague. The more unpleasant tasks become tolerable when you work together to complete them.

This aspect of friendship was highlighted recently when an old friend and workmate was visited in hospital. Although he was in obvious pain, he was delighted by our visit and his comment was..."Who needs pain killers when I have mates to cheer me up..."

Our daily lives are closely tied with those about us. How much we enjoy being regarded as a friend!

\* \* \* \* \*

## **Chicken & Champagne Night**

7th. Floor      ■      Ellery House

Friday 29th. July — 4.30 p.m.

Members Of Social Club ----- \$ 1.00

Non Members ----- \$ 2.00



# Social Notes

"Grubb"

Coming Event: "Champagne & Chicken Nite" this Friday on the 7th Floor commencing at 4.30. Members will be charged \$1 and Non-members \$2. You may bring your loved ones (inc. wives) and we are hoping to supply entertainment for the kiddies.

All the functions have gone off magnificently to date so let's continue the trend. It is very gratifying to see the response from C.E.S., P.S. and V.R.O. in supporting our functions.

Car Park: Rent is now due. Try not to get into arrears. Thank-you to the person who "spied" on the 'yahoo' who wrecked our gate post. Action is being taken.

Subscriptions: Only a few employees still not fully financial.

Pool Table: Has arrived and is very popular. In approx. four months we should have enough money for a brand new 8' x 4' table to be used with an honour box system, proceeds of which will go towards a second table.

Pool Tournament: Will commence on Monday, 1st August. Entry fee: 50c with trophy to winner. Everyone welcome to enter. Conditions of play, along with draw, will be decided at "Champagne & Chicken Nite". So hurry and get your entries in. If sufficient interest is shown we will also have a doubles tournament.

Table Tennis Tournament: We plan to have a singles and doubles tournament in the future.

Dinner Dance: Tentative date - Friday, 23rd September. BYO with band and supper provided. How would you feel about having a guest artist? (Not a stripper). An extra \$1 per ticket will cover this added feature.

Morris & Morris Catalogue: We are now circulating this wholesale gift catalogue to all members. For any orders contact Ken Hayes.

Jockey's Donation: Thanks Jockey for the gift of a dozen bottles, donated after your dog dead-beated at Warragul.

## TIPPO:

Winners: Round 14 M. Cowan (6)  
Round 15 A. Clarke (6)  
Round 16 B. Osborne (4)

Round 17 P. Shiell (5)

Progressive ladder (after 17 weeks - top three places:

I. Pasco	73	1
M. Cowan	70	2
W. Stuchberry	69	3
K. Sargent	69	

\* \* \* \* \*

# Admin. Notes

Fam

The Division welcomes a large number of newcomers this month.

John Oile comes to us after working as a 'truckie' for some time and has joined the Laser group.

The Map Completion section has acquired the services of Peter Johnson who recently worked for a private surveyor in Geelong.

Mapping Control welcomes Necmi Tosun who comes direct from the M.M.T.B. where he worked as a train conductor.

Map Compilation has two new staff members: Alan Scott, an ex litho dot etcher and retoucher, and Brian Carr who recently worked as a photographer at Melbourne Uni. doing research.

Barry Ditchburn has joined Tech. services branch after 20 years with the R.A.A.F. as a photographer.

We wish these folk well in their new careers at NatMap.

\* \* \* \* \*

## FIRST AID

Please note that the First Aid cabinet is presently located in the compactus room in Admin. section on the 5th Floor.

Shortly we intend to move this cabinet to the Rest Room on the 3rd Floor - next to the kitchen.

\* \* \* \* \*

# Productivity stimulated by Electricity

**EAST BERLIN:** A research team has found that static electricity stimulates productivity.

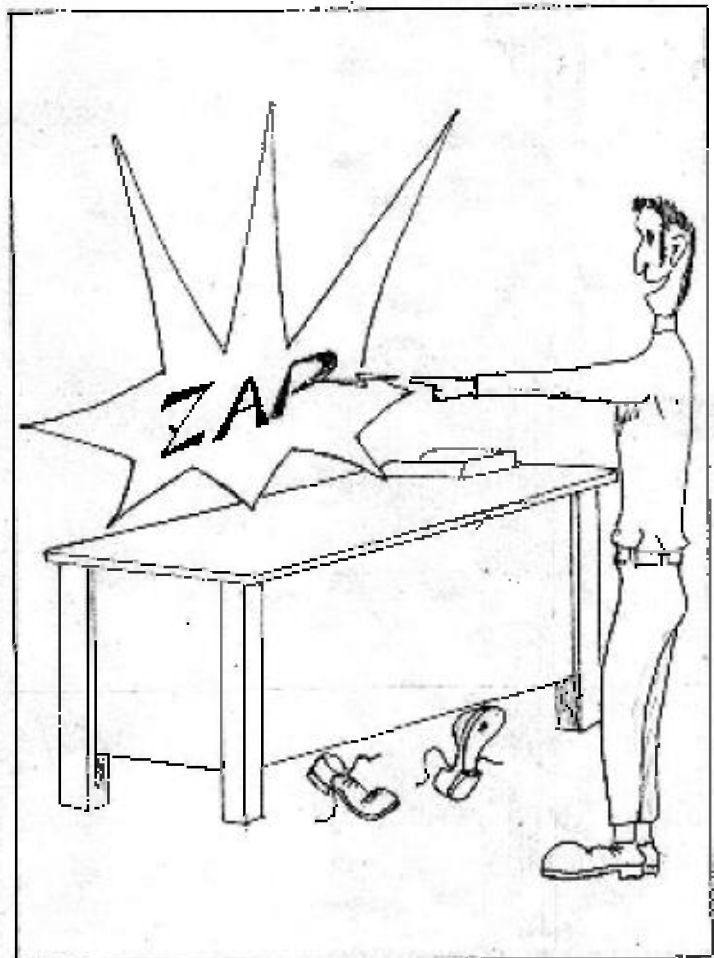
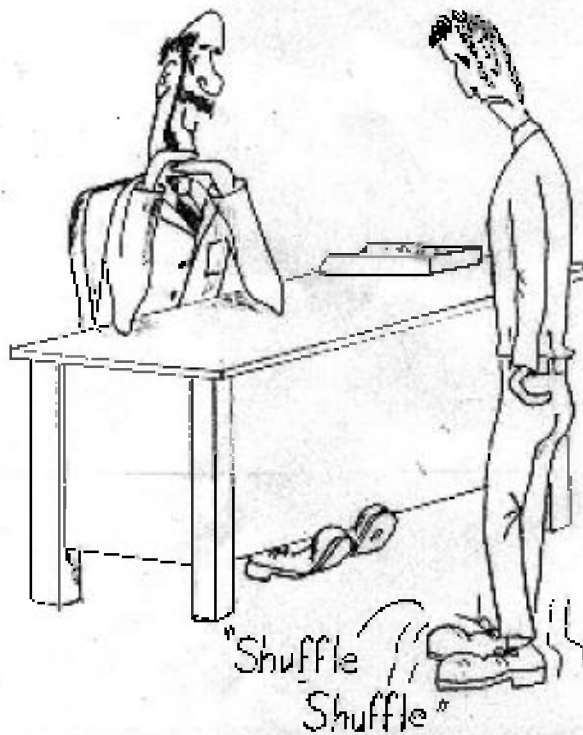
The team's findings, now being presented to the world's economic community, are expected to lead to important developments in the treatment of low output.

The leader of the team, Professor Paul van Schnitzer is head of East Germany's Animal Behavioral Laboratories. For more than three months his team has been conducting secret experiments at a new Government office block in Dandenong, Australia.

He has gradually increased the static electric build-up of the building by means of a top secret Knochenwackeler transformer.

The results of this study have shown 60% increased in productivity. "Using electric current to stimulate output was first discovered in 1943 in Germany's munition factories", Professor van Schnitzer said yesterday.

Now that we are in the new building, I want to see you "CHARGED" with Enthusiasm.....



# 'en passant'

## Solution to Puzzle No. 1

Puzzle No. 1 is a very old problem from a class of puzzle having seven or less pieces and known as minatures. It also comes from a particular type of puzzle where the key move is essentially one aimed at maintaining the status quo, thus forcing Black to make a move which will then allow the mating move to be made by White on his second move.

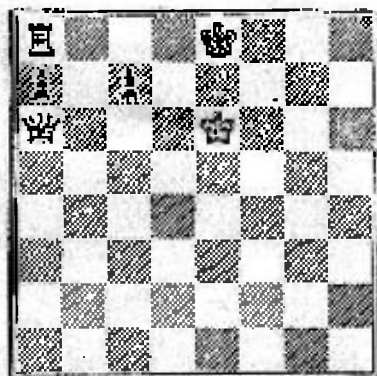
Key : R (K R7) - K. Kt. 7.

As you can see any move that Black makes will enable the mate to be made by one or other of the Rooks on the 8th rank.

Simple and elegant, but not quite so obvious as some of the more aggressive key moves.

## Puzzle No. 2 :

Mate in 2



Puzzle No. 2 is again on a particular theme and is fairly difficult. It is introduced now because one of the things we will need to do in handling future puzzles is look for a number of possible themes, which will be introduced in a series of puzzles over the next few months.

Clue : Consider what possible moves Black could have made at his last move and the implication of those moves (any possible previous move has the same result so far as the puzzle is concerned).

Small alternatives continued.

- \* Use cold water instead of hot water whenever possible e.g. for rinsing.
- \* If you shave (why not grow a beard) don't use more disposable than absolutely necessary, especially disposable razors.
- \* Avoid aerosol cans of all types. They release chemicals which break down the layer in the upper atmosphere that protects us from harmful radiation.
- \* Use uncoloured toilet paper. Most toilet paper dyes and bleaches pollute.

There are thousands of small decisions to be made throughout the day whether it be to use the lifts or stairs or whether to light another cigarette.

The ad. men are forever trying to tempt us to consume. Before consuming ask yourself

IS IT NECESSARY?

\* \* \* \* \*

#### TENNIS

Courts are available Thurs. & Fri. lunchtime  
Cost \$1 per head.

Details - Vickie (Ext. 217)

\* \* \* \* \*

#### LOST & FOUND

Hairylegs is still missing.

Substantial reward - contact Vickie (Ext.217)

\* \* \* \* \*

#### DEATHS

PALM - R.I.P. Charlie,

Your presence is sadly missed by all,  
everyone still asks after you.  
My one consolation is that you spent  
your last days in a sunny, though  
somewhat windy atmosphere, with a  
beautiful scenic outlook, more like  
your original environment. JUNE

PALM Charlie 14.6.77

Ward 7 Killery House

We hope it's not catchy. R.I.P.  
Your friends Kelly, Cassy & Wendy.

PALM Charlie 14.6.77

Gone to the big palm place in the sky.  
May your leaves turn green again.  
R.I.P. Admirer.

\* \* \* \* \*

FIELD NOTES

Coastal Photography: With the arrival of Joe McRae in Derby, the Coastal Photography production quadrupled, resulting in Darwin being reached as planned. This was rather unfortunate as everyone had to come home. How sad it was to fly out over Fannie Bay and see the Laser Boys practising for the Surf Cat championships. That's probably the price you pay for efficiency.

Black eyes and missing teeth were the inevitable result after deciding, democratically, who was to drive home. Those who won the job insisted that the only benefit was the gradual "phasing-in" of the large climatic differences.

The office is now in full swing processing the year's work, but it gets very crowded on one desk. Next week, when the processing is completed, everyone will dig in and help Smithy with his High Altitude planning. We're sure he'll be delighted.

By the way, does anyone know where the island of Pasir is located? After numerous flights half way to Timor even we couldn't find it. Please drop down and let us know if you have any information.

Troops In: Carl McMaster, Joe McRae, Bob Smith, Bill Stuckberry.

Troops Out: Ted Bear, Harold Pinfeather, So how about it all you "Norms" out there - discover your legs and join them.

Map Completion John Madden, Dave Bzur, Andrew Clarke and Kalen Sargeant have been inspecting sheets in the Warragul and Warburton 1:250,000 areas. Les Bodo, Kevin Moody, Jeff Hutchinson, Ed Lees and Rod Maruff have gone along on different flights to observe the map completion field operations. Reg Helmore, Ian Shiell and Des Young did a final check of the Coleac and Otway sheets.

Laser The Laser party is now in Darwin awaiting the arrival of an engine for the Nomad. During the regular 100 hourly service a defect was found in the fuel control unit. The engine is now in Sydney for examination and repair and Paul Wise, Rod Menzies and Oscan Ertok are awaiting its return in Darwin. Before being grounded, the Laser turned in a sparkling week's operation from Fitzroy Crossing, flying 5, 1:250,000 map areas on the new high altitude mapping photography pattern.

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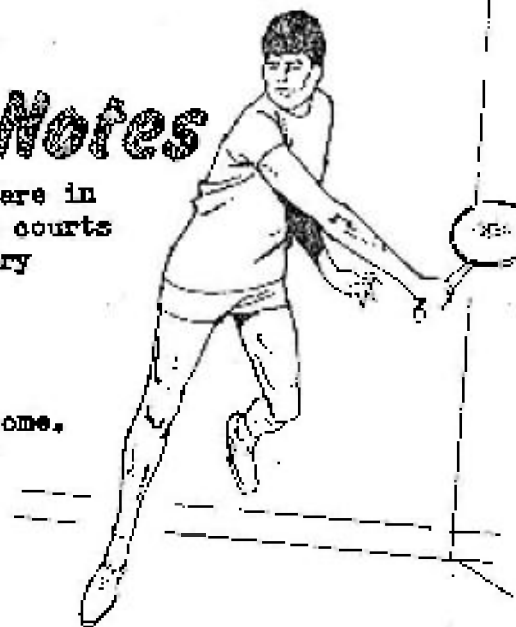
NOMAD: a and n (member of tribe) roaming from place to place for pasture: wanderer. from Little Oxford Dictionary

## Squash Notes

Lunchtime sessions are in progress at Olympic courts in Scott Street every Thursday.

See Gark McMaster.

Beginners most welcome.



## Fitness Club

About 30 interested people attended a "Life be in it" movie and lecture during the month. "Beaudie Neck!"

John Allen and Allan Mason are jogging Mondays, Wednesdays and Fridays at 12.30.



\*\*\*\*\*



# FISH SHOCK FOR HOOKERS

At 0.900 hours July 19 the NatMap fleet sailed from Patterson River in ideal conditions.

Supremely confident Skippers Larkin and Hayes, backed up by enthusiastic crews of Selby Kid, Grubb, Bazza, Sasha and Des, anticipated a mammoth catch.

Aided by sophisticated electronic gear, the fleet zeroed in on a prime location.

Unfortunately the shapes that appeared on the radar screens were not interested in the tantalising baits that were offered.

Contrary to the Met. report, a strong North-eastern sprang up and forced the boats to shelter behind Rickett's Point.

Fortified by Sasha's plumb brandy and Ken's raw red, they battled on. But after losing Terry's beanie and then (almost) Sasha, overboard, they called it off and headed for home.

\* \* \* \* \*

## EDITOR'S NOTE

In answer to the unfortunate William B. Wayfarer who was lost on SD 52-6 Mangrove last month, we have received the following correspondence from the Chief Cartographer, Division of Irrational Mapping .....

Sir,

Firstly, can I say that I have mislaid the Department's copy of the map brochure and as a consequence I am unable to locate the area you are hopelessly bogged in. However, I strongly suspect the sheet in question which contains such a significant error was made by the other mapping agency, which for ethical reasons, must remain nameless.

I am sending you, under separate cover, in a sealed, plain wrapper, a full set of ICAO's covering the Australian mainland which hopefully will enable you to navigate your way out of your predicament.

After receiving special dispensation from The Minister, you need only reimburse the Department at the discounted rate of \$26.50 per sheet as they are old editions.

Unfortunately the Department is unable to republish this series due to severe financial restrictions and staff limitations etc. etc. beyond our control.

Finally, we understand your predicament exactly here - from our Canberra office - as we are always losing field parties of our own experienced personnel, engaged on mapping surveys.

Our solution is: After consultation with the C.M.O. we will invalid the personnel out of the Service and board of survey their equipment, thereby tying up all the loose ends, as it were.

Hoping this finds you,

I remain,

I. M. Mapmaker  
Chief of Division

\* \* \* \* \*

# Golf Gossip

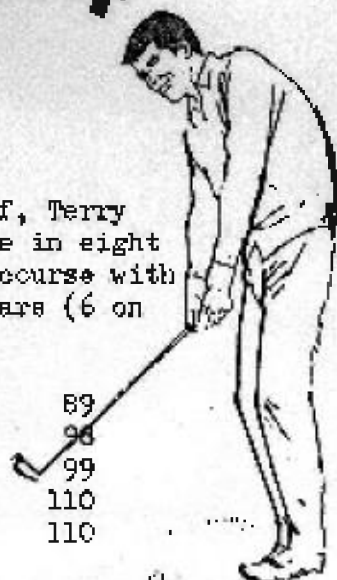
8.

by the 'Salby Kid'

## Sandringham (6/7/77)

On a magnificent day for golf, Terry Larkin, having his first game in eight months, scorched around the course with a brilliant 89 including 8 pars (6 on the First 9).

Results :	T. Larkin	89
	D. Hocking	98
	I. Pasco	99
	G. Barwise	110
	K. Crane	110



## Sandringham (13/7/77)

Play was abandoned at the Fifth hole due to heavy rain and gale force winds. Ian Pasco and Ian Shiell had two pars each at that stage.

## Waverley (20/7/77)

Fine weather prevailed for our first round at Waverley. Although it was tee up on all fairways Ian Shiell had a pleasing 95 in the heavy going.

The course itself boasts some very interesting holes with some long, narrow fairways and large greens.

Results :	I. Shiell	95
	I. Pasco	105.
	D.R.Hocking	101 (for 16 holes)

## COMMONWEALTH GOLF DAY

A team of seven will be selected to represent the Department of National Resources at the annual Commonwealth Golf Day (Amstel Golf Club) in October.

Six qualifying rounds will be played to give everyone an opportunity to hand in their four best cards.

1. Sandringham	-	Wed. August 3
2. Churchill Park	-	Wed. August 10
3. Waverley (Public)	-	Wed. August 17
4. Beacon Hills	-	Wed. August 24
5. Sandringham	-	Wed. August 31
6. Amstel (NatMap Golf Championship)	-	Tues. Sept. 6

The team will have two practice rounds prior to the tournament.

1. Amstel	-	Tues. Sept. 20
2. Churchill Park	-	Wed. Sept. 28

\*\*\*\*\*

## COPY DEADLINE

Thanks to your co-operation NatMap News is thriving. However, due to work loads of editorial staff, future editions will be of ten pages only. We ask that you have your copy in by no later than the 25th of each month

## NORTH WESTERN MATCHPLAY CHAMPIONSHIPS

This was played during June and July over courses at Cape Leveque, One Arm Point and Cape Domett.

The courses although somewhat irregular in that they had never been played before were nonetheless spectacular being ocean-side.

Reg Kearns took out the Championship with play typified by his paralysing hole-in-one at the short (8 metres) tenth, followed by an eagle at the eleventh when he brilliantly held his second shot on the beach before it trickled into the surf.

Steve Pinfeather is to be congratulated on his fine performances on these sand courses. Great things are predicted for him in the NatMap championships at Amstel - particularly if he plays from sand trap to sand trap.

C. McM.

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## STAFF TRAINING

A half day course on the use of the RC9 Camera was held on 7 July. Our thanks due to Ivor of Wild (Australia) for an informative period of instruction.

The Hypoxia Course for prospective high altitude "Camera Pilots" was conducted by the R.A.A.F. at Point Cook on Monday, 18 July.

An Induction Course, followed by a Basic Skills Course is currently under way for our new Technical Assistants. Thanks are due to all who have contributed in the way of lectures and instructional periods. One of the main objects of the course is to make our new friends feel at home and "one of the team"

The next Departmental Course is a long way ahead - September 19 - 21. This is the Work Control & Review Course and is the last in the series of the three Man Management Courses.

# GHOSTS OF THE RIALTO

Last month we were visited by the president of the British Society For The Investigation Of Unexplained Phenomena (BSIUP), a Mr "X".

He was making a study of the "contemporary manifestation", a term which covers the ghost of a person who is still alive and who has committed a particularly wicked crime. This species of ghost only appears after a building has been vacated.

Such a ghost had been seen haunting the Rialto since NatMap's departure, so BSIUP decided to investigate. An important step in the study was to relate the ghost to a particular individual.

After several nights of close observation of the Rialto the only clue discovered by Mr "X" was that at mid-night every night the ghost slipped surreptitiously out of the gate carrying an enormous bundle of "borrowed" maps.

Mr "X" would like to hear from anyone who feels he might like to claim ownership of the ghost. Mr "X" confirmed that there was only one ghost and flatly refused to entertain any suggestion that had he waited a bit longer he could have witnessed a long procession of ghosts.

\*\*\*\*\*

## TTO'S BOOST OUTPUT

Have you noticed the sudden increase in production and greater efficiency of work being done around NatMap? If you haven't yet discovered why, then its time to take a good look at the manner of work being done by the T.T.O's.

Yes that's right - that invaluable workforce has returned from its training course at Canberra Technical College to bring NatMap up to scratch.

For most of us the course in Canberra is now completed and we'll be T.O's in surveying as from 1 January 1978.

In case you're still wondering, the returned trainees are Paul Rodriguez, Andrew Hatfield, Geoff Toll, Peter James, Blue McGibbon and Bill Nagel.

That should explain mysterious production increase.

\*\*\*\*\*

### RECOMMENDED READING

"Lets Get Well By Eating Right" by Adelle Davis, is a book well worth reading.

It was quite an eye opener for me a mother of what I considered a healthy and well nourished family and has led to quite a change in our life style.

I defy anyone to read it and to remain unperturbed over our polluted and over-processed foods and our shocking eating habits, especially in relation to the possible connection with the so called modern diseases of Heart Attack, Cancer and Diabetes.

It is a pleasant informative and easy to read book which will give you a great deal of food for thought.



HOMESTEAD BOARDING & TRAINING KENNELS

A COUNTRY HOLIDAY FOR YOUR DOG

CONTACT : ROD & MARGARET MARUFF

HOMESTEAD ROAD, WONGA PARK

(200m east of Yarra Rd)

PHONE: 722 1202 (if no answer 842 4699)

# KITCHEN

# CORNER

## RECIPE OF THE MONTH

By Sasha

### Cornish Pasties with a difference.

Number: 18

Temperature: 450°

Cooking Time: 45 minutes

Utensil: oven tray

### INGREDIENTS:

3lbs Short Crust pastry

1lbs minced steak

2oz parsnip

2oz swede or turnip

4oz carrot

9oz potato

4oz onion

3oz chopped parsley

1 tablespoon chopped dill(optional)

1 pinch oregano

4 tablespoons chopped spring onion

1 teaspoon Black pepper

1/2 teaspoon Laos powder (optional)

1 teaspoon Ve-Tain powder

1 tablespoon mushroom sauce

1 teaspoon oyster sauce

1 tablespoon soy sauce

2 teaspoons Halbrooks hamburger

seasoning

1/2 teaspoon grated nutmeg (optional)

3 teaspoons salt

4oz stock or water

savoury glaze

### METHOD

1. Collect ingredients.
2. Dice finely all vegetables.
3. Place all ingredients into a basin and mix well.
4. Divide pastry into 18 equal parts and knead into balls.
5. Roll each ball into a disc the size of a saucer.
6. Place an equal portion of the mixture onto each disc.
7. Brush half way around the edge of the pastry with water, join edges together over the top of the mixture and pinch a small frill over the join.
8. Place on oven tray, prick tops with a fork, glaze.
9. Bake at 450° for 15 minutes, then at 400° for 30 minutes.

\*\*\*\*\*

### PAPPY & JOAN

Pappy and Joan (tea lady) Giles (ex-NatMap Melb.) are still extending hospitality to Nat. Mappers in Broome.

Pappy is the Engineer on the pearling boat Merinda Pearl which services the Japanese cultured pearl industry at Kuri Bay in the Kimberleys.

The coastal boys enjoyed an afternoon's fishing from the Merinda Pearl with Bill Stuch. and Rob Smith hauling in numerous 5lb cat fish. It was noticed at the on-going barbecue that the barrumundi steaks were preferred to cat fish fillets.

### "GUESS THE MACARONI PIECES"

The second prize for the "guess the number of macaroni pieces in the bottle" competition was won by a senior member of Nat.Map. Dandenong. The challenge proffered has been accepted by the Departmental Mathematicians who, in adopting a scientific approach to the problem, have been concentrating on evolving a suitable mathematical formula to ensure that Nat.Map. wins any further competitions of this nature.

The new formula, in conjunction with a computer program being produced in consultation with C.S.I.R.O. and A.N.U. should make it almost axiomatic that any future laurels awarded for the estimation of noodle numbers are won by Nat. Map.

WINNING NUMBER 2741

NAT. MAP. NUMBER 2746

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**EDITORIAL OPINION**

To work for long periods without taking a break is not an effective use of time. Energy decreases, boredom sets in, and physical stress and tension accumulate. Switching for a few minutes from a mental task to something physical - isometric exercises, walking round the office, even changing from a sitting position to a standing position for a while - can provide relief.

Merely resting, however, is often the best course, and you should not think of a "rest" break as poor use of time. Not only will being refreshed increase your efficiency, but relieving tension will benefit your health. Anything that contributes to health is good time management.

**BEER 'N WINE NIGHT****7th. Floor Ellery House****Friday 26 th. August 4-30 p.m.**

Members \$1-00

Non Members \$2-00

**"Games For The Children....."**



## Social Notes

"Grub"

Coming Event: "BEER 'N WINE NITE" this Friday on 7th floor commencing 4.30. Members will be charged \$1 - non-members \$2. Games will be supplied for the kids.

All Welcome

Dinner Dance: Will be held on Friday Night, September 30th commencing at 7.30pm. \$16.00 Double (cheap) B.Y.O. The Group is called "Bitter Sweet". The tickets are on sale from Pam Hill and myself.

Car Park: Monthly rent is due. Please try to not be in arrears.

Pool Tournament: Is going along nicely with all First round games complete. The Semi's along with the Grand Final will be contested over the best of three games. We might organise a Friday Night to complete the Finals.

TIPPO: With only one week to go Mr Ian Pasco has a very handy lead of 3. Maree Cowen crashed to 3rd position. (Ian will "shout" at the Albion if successful).

<u>Winners:</u>	<u>Round 18</u>	B. Smith (6)
	<u>Round 19</u>	K. Crane (5)
	<u>Round 20</u>	C. McMaster (5)
	<u>Round 21</u>	I. Shiell & B. O'Connor (5)

### Ladder

I. Pasco	89	1
W. Stuchbury	86	2
C. McMaster	86	
M. Cowan	85	3
N. Oliver	84	
I. Shiell	84	4
K. Sargeant	84	

The top 4 will receive the following prize money:

1st \$110  
2nd \$25  
3rd \$10  
4th \$5

Wooden Spooners will receive \$1.10 (Dicky Bird and Peter Jones ex-Nat Map are tied on 65 winners).

## Admin. Notes

Pam

The Division notes with some regret the departure of two staff members this month.

Brian Carr has left O.P.M. Support to take up a position at Melbourne Uni., whilst Barry Ditchburn has left Technical Services where it appears he couldn't adjust to civilian life.

The only "new starter" this month is Jeff Fox, who has returned from a short stay with Admin Services, saying he prefers the Map and feels it well worth the trip each day for the congenial surroundings.

Welcome back Jeff.

\*\*\*\*\*

### FIRST - AID

The first-aid cabinet has been fully re-stocked and is now located permanently in the Rest Room on the 3rd floor. Small items such as band-aids and Veganin are still available from the Admin Section.

### HILL - GIBBON

Congratulations to Richard and Linda on the occasion of their marriage - Saturday 20.8.77 - At the moment on honeymoon in Tasmania.

### "WORLD 8 BALL CHAMPIONSHIP"

Natmap Singles and Doubles winners will each receive a World Championship cue with name inscribed - Value \$35.

For all details contact Grubb.

# Field Action

- 3 -

## LASER

After being the subject of some derogatory remarks, the Laser party completed Block 42. Hayden Reynolds, Bob Goldsworth, Roy Turner and Peter Quinn joined the field party, whilst Paul Wise returned to H.Q. to let Rod Menzies run the party. Rod has just returned to Dandenong, whilst Paul has resumed command to complete the season. It is hoped that on a "wing and a prayer" the work planned for this season will be completed. Jack Marshall, a very experienced Exec's pilot relieved Pat O'Donohue and is doing a great job. Oscar will remain with the group as technician. The group is currently at Nullagine and will be moving on to Newman and Wiluna in due course.

An insight into the joys and tears of the laser group can be gained by perusing the first epistle of Roy to the Dandenongs. Unfortunately space did not permit its reproduction here, so it has been placed on the Staff Notice Board on the 7th floor.

## MAP COMPLETION

Harry "Flasher" Simpson has deserted the map completion team to take up a post in Map Sales. Apparently Harry's job in the future (apart from Paddling canoes with Bruce O'Connor) is to carry out our Director's wish to see a "NatMap" 1:100,000 in every glove box.

Reg "Stirrer" Helmore and Dave Dzur have bought into the marijuana investigation up in Griffith - at the same time hopefully obtaining some supplementary photography over Booligal/Cargelligo (Watch out for the Mafia).

Meanwhile the rest of the team, with the co-opted aid of Des Young, has been working steadily with twelve sheets being approved for the month.

For some of us though, a paid holiday seemed deserved (?) when Ken Hayes and Andrew Clarke had a little jaunt driving through the hills of Warburton and Warrigal. I believe this is called map completion ground inspection.

Well, "Life wasn't meant to be easy"!

## HIGH ALTITUDE PHOTOGRAPHY

Joe McRae, Bob Smith and Bill Nagel will be departing shortly (before Christmas they hope) to undertake High Altitude Photography operations in W.A. and N.T.

The forty-eight 1:250,000 areas are to be flown at a flying height of 41,000 feet with seven north south runs covering each area.

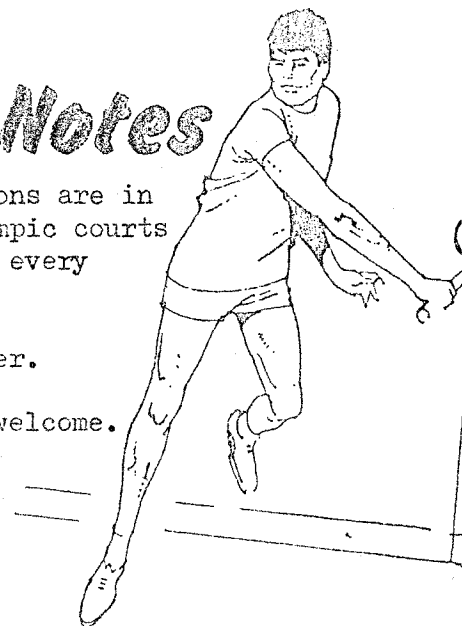
The party will be using a Learjet as the photographic platform and will be working out at Kalgoorlie, Broome and Alice Springs.

## *Squash Notes*

Lunchtime sessions are in progress at Olympic courts in Scott Street every Thursday.

See Carl McMaster.

Beginners most welcome.



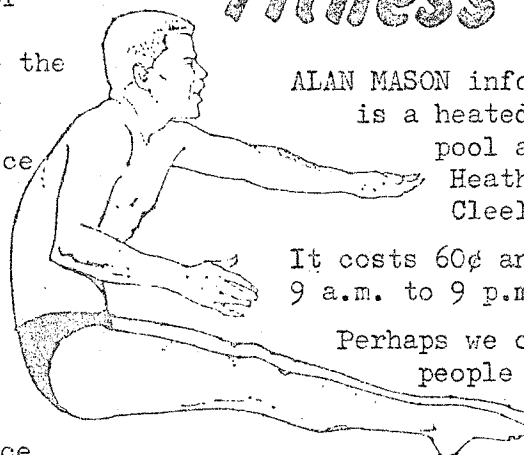
## *Fitness Club*

ALAN MASON informs me that there is a heated 50 metre indoor pool at the corner of Heatherton Road and Cleeland Street.

It costs 60¢ and is open from 9 a.m. to 9 p.m. six days a week

Perhaps we could get a group of people together one lunch time or maybe a work to keep Al company.

JEFF GRAN



# Lebanon — The White Mountains

Situated at the eastern end of the Mediterranean, The Republic of Lebanon measures 156 miles long by 31 miles wide. Lebanon, country of rocks, of cedar trees and cicadas, sown with magnificent ruins, looks down from its mountains to the sea. Its Lebanese name, Djebel Libnan means "The White Mountains" — two rocky ranges running parallel to the sea-coast, separated by the high plateau of the Beaka. Geographically placed between three Continents, Lebanon is the golden milestone, the boundary which for centuries has marked the meeting place of great civilisations.

Charles Corm, a Lebanese contemporary poet, aptly said, that in the whole memory of man, history has never known so small a country with "so vast a destiny".

Soure, Saida, Beirut, Jbail and Tripoles, five coastal towns situated amongst the orange trees, and known to archaeologists throughout the world by their ancient Phoenician names : Tyre, Sidon, Berytus, Byblos and Tripoli. Phoenician seamen, after founding thage and Marseilles, reached the British Isles, sailed round Africa and, according to a recent theory, perhaps discovered America. The port of Tyre "Queen of the Waters", and those of Sidon and Byblos have kept their wonderful outlines, laid out 4,000 years before Christ; Jbail (Byblos), being the oldest town in the world.

This little town, whose temples are from four to five thousand years old, is still enclosed by ramparts dating from 3,000 B.C. Clustered round the mediaeval city, which is dominated by the Keep of the Frankish Castle, the town, four thousand years before the birth of Jesus Christ, was the commercial and religious capital of the Phoenician coast. Byblos gave its name to the Bible, and it is to Byblos that we owe the universal instrument, for it was within these walls that the first alphabet, ancestor of all modern alphabets, was invented.

Sidon, where Christ preached a sermon, is said to mean "fishing" and its shores, even today, are well supplied with fish. In Darius's time it was the capital of the fifth Persian strapy. Jesus came to Sidon to preach on one of his journeys. It was taken by the Crusaders after a famous siege lasting 47 days and was retaken by Saladin 70 years later. The Castle of the Sea, built by Crusaders in 1228, guards the entry to the harbour. The ruins of the Castle of St. Louis, built by the Phoenicians to the God Echamoun, and of the burialgrounds with their Catacombs and hypagea, and the Seraglio and Kikhya mosques are touching relics of Sidon's impressive past.

Lebanon today is a mosaic country in culture, religions and political interaction.

A. AOUAD

Ed's Note This is the first of a series of articles written by staff members describing their countries of origin.

## Australian Book Club

A collection of books and magazines on Australiana has been set up in the Natmap Technical Reference Library. This is a private collection from the now defunct Book Club from the Rialto. All members of Social Club are welcome to borrow books on application to Pat Booth.

If enough interest is shown it may be possible, under the direction of the Social Club, to extend the collection.

Des Young

# Golf Gossip

-5-

by the 'Selby Kid'

It was a new starters first game of golf and the first tee was crowded. He took his stance, lined up the ball, swung and missed. Embarrassed, he turned to the waiting Natmappers. "Boy", he said, "is this ever a tough course!"

Sandringham - 27 July

In appalling conditions the only golfers to brave the elements were D. Hocking, I. Pasco and I. Shiell.

Dave began well with a fine 45 on the front nine but became waterlogged on the back nine, whereas, I. Pasco and I. Shiell improved with a 45 and 48 respectively.

Results:

I. Pasco	97
I. Shiell	98
D. Hocking	103

Sandringham - 3 August

There was a good turn up for the first qualifying round for the Commonwealth Golf Day.

Results:

I. Pasco	94
A. Turk	101
C. McMaster	104
I. Shiell	109
D. Hocking	110
G. Barwise	112
D. Williams	116

Churchill Park - 10 August

Despite the windy conditions I. Pasco went on his merry way with another good score.

Results:

I. Pasco	96
I. Shiell	112
D. Hocking	117
A. Turk	128
T. Zentai	140

Waverley - 17 August

With a place in the Nat Map team at stake all golfers carded good rounds. I. Pasco and I. Shiell were honoured to play with a fellow who had a "hole in one" on the par 3 twelfth. Unfortunately he wasn't a Natmapper.

Results:

I. Shiell	90
C. McMaster	92
A. Turk	95
I. Pasco	99
D. Hocking	100

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## NATIONAL MAPPING GOLF CHAMPIONSHIP

- Amstel - Tuesday 6 September

All fees are now payable - the closing date being Friday 26 August. The draw and handicaps will be finalised and published the following week - so look out for your tee off time.

Very special thanks to Dave Hocking for donating the perpetual shield.

Trophies for the day are -

1. Best Stableford Score - Perpetual Shield and "Keeper" trophy.
2. Best Gross Score - Golf Balls (1½ doz)
3. Nearest the Pin - (5th & 12th holes) Golf Balls (½ doz)
4. Longest Drive - (17th hole) Golf Balls

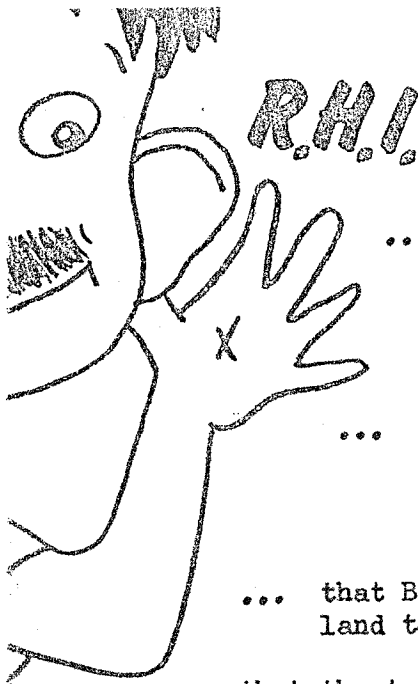
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## ALEX POND (AMSTEL HOLE-IN-ONE KING)

It is sad to hear that an old workmate Alex Pond, is back in hospital. This time the Austin - Ward 14 East. However, the good news is that things are looking better and Alex is starting to get frisky again. Watch out June

By the time this "News" goes to press Alex should be home and would welcome some of his old mates to call in and have a chat

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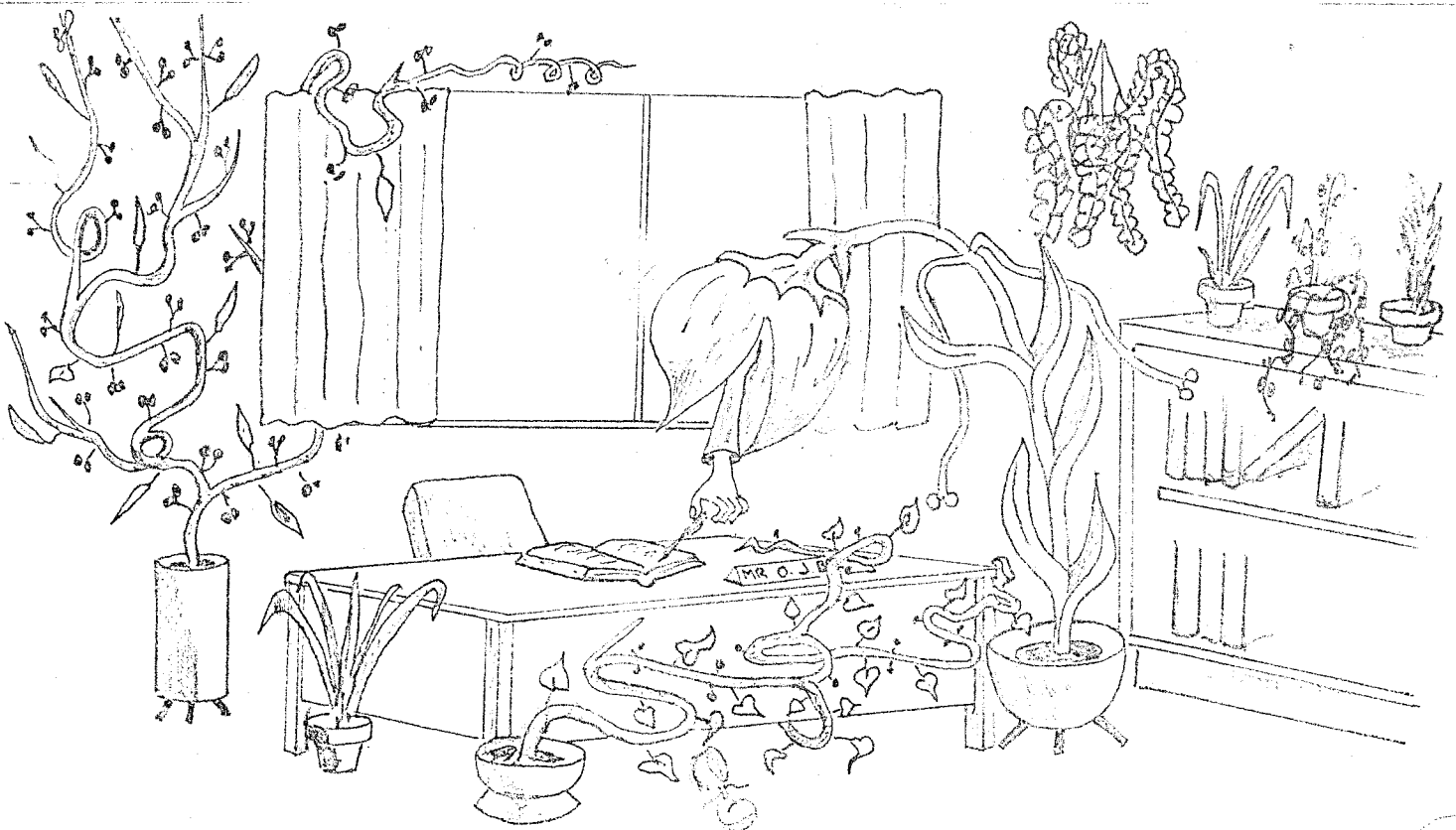
- ... that Dickie Bird is giving a Flat Warming on his return from the Apple Isle.
- ... that HHH plans to board of survey the Nomad if he can find the vocab number.
- ... that Bazza is off to Queensland to gather ferns.
- ... that the two Kayak freaks are in training for the Moscow Olympics.

that a Natmap golfer with a slight speech impediment was heard to swear, without a stammer, for five minutes non stop - after a bad shot.

- ... that NEH, in cleaning up the Antarctic records, discovered 10 missing field books of Scott's 1911 expedition. These will be duly registered with the Records Section before the turn of the century.
- ... that the Laser boys were not lonely in Darwin being visited there by Coastal, BMR and Bathymetric.

- ... that Rod Menzies "Dining Out in Nullagine" will soon be available.
- ... that the Nomad is "flying".
- ... that Laser is helping to pay for the Nomad by charging tourists admission for a look.
- ... that Oscar "The Turk" is so black he needs a Visa to enter Victoria.
- ... that AOAUD is off to Rio.
- ... that Jockey tried out the Geisha Bath house at Kidson International Airport. Goldie is shocked.
- ... that Tubs is directing and producing a film called "The Green Torana" starring Peter James. The film has a dramatic climax.
- ... that Pam and Joe love chicken soup.
- ... that Gringo threw his game of pool in the interests of Womens Lib.
- ... that the "Network Analysis" boys got their critical paths a little tangled when planning a bank robber

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Dear Diary, Today I feel the plants are restless and



# 'en passant'

## Solution to Puzzle No. 2

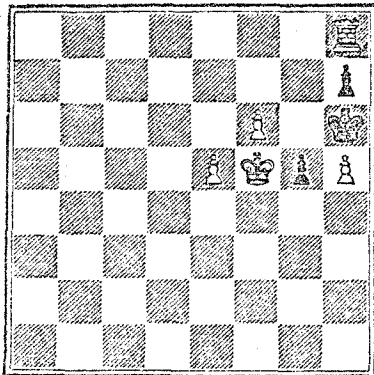
If Black could only Castle there would be no immediate threat of Mate, but he can't'.

The key to this puzzle is recognising that Black can't Castle. We know this because each of Black's pieces is on its original square. Therefore either the Rook or the King must have moved back on to its original square at the last move, thereby making Black unable to Castle.

The key move then becomes Queen to Rook 1, threatening to move to the 8th rank on the opposite side of the board. A move which Black's castleing would 'bust'.

## Puzzle No. 3:

Mate in  
2



The third puzzle contains another theme which is in a sense not dissimilar to that of the second puzzle. That is, we need to examine carefully how the pieces got to their present position to determine what can and cannot happen.

Clue - What must have been the last Black piece to move and where did it move from?



## STAFF TRAINING

A three day Departmental Course, "Network Analysis" was conducted by Doug Hinton from Monday, 22 August.

Unfortunately it could only be arranged during a very busy week and a number of the nominated officers were not available when the course started.

Doug and his staff put a lot of hard preparatory work in to get these courses "off the ground". However some of those expected to attend rather resemble the calendar quote of February 1st. .

The next Departmental Course is the last of the three Man Management Courses. It will be held from Monday 19 to Wednesday 22 September. It would be appreciated if all concerned would give their utmost co-operation in making this course more successful.

## Natmap Ads.

### FOR SALE

Clarion Car Cassette Player with auto reverse and am radio \$80.  
See Bill (1st Floor) ext. 217.

### Simpson Track Suits

Mens XS, S, M, Ladies 4-6, 8-10, 10-12  
at \$22  
Mens L, XL, Ladies 12-14, 16-18, at \$23.  
Childrens \$12-\$13.

See Ken Hayes.

### Golden Fleece Small Oil and Grease Packag

Huge discounts for Social Club members.

Contact T. Cain, 9 Wavell Ave., Kilsyth.  
Telephone No. 723.2984

N.B. All orders benefit Social Club 5% donation.

### Kidson International Airport

Jet service, Take Away, Spamburger Grill and Comfort Station now operating under new management.

# KITCHEN CORNER

## RECIPE OF THE MONTH

By Sasha

### APPLE PIE FROM THE BALTIC

#### Ingredients :

4 cooking apples, peeled and sliced into about sixteen segments each	1 tblsp. white sugar
4 oz sultanas (optional)	2 tblsps. brown sugar
$\frac{1}{2}$ lb. selfraising flour	2 eggs
6 oz butter	1 tblsp. oil
2 tblsps. cream	pinch of salt
	1 teaspoon vanilla essence
	1 teaspoon cinnamon (Alba if available)

#### Topping :

3 oz butter	1 tblsp. brown sugar
$\frac{1}{2}$ tblsp. flour	1 teaspoon cinnamon (Alba if available)

#### Method :

Sift flour, rub butter into flour, add white sugar, cream, eggs, oil, salt and vanilla essence, mix well and spread onto a swiss roll tray. Spread sultanas, 2 tablespoons brown sugar and 1 teaspoon cinnamon evenly on top, then arrange apple segments in overlapping pattern. Top with mixture of butter, flour and sugar, lastly sprinkle one teaspoon cinnamon over the topping. Bake at 450° for 25 minutes or until cooked.

## BOOKS —

"Dining Out in Adelaide" and "Dining Out in Darwin" by Rod Menzies.

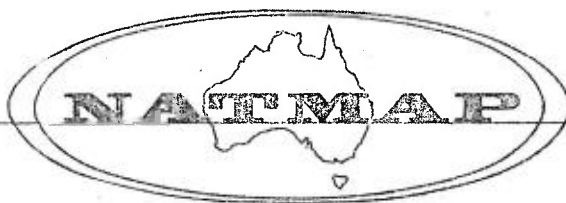
These are unique books in so far as their author dares to venture - nay leap, with glass, knife and fork at the ready into diverse dives where other gourmets fear to tread. The Adelaide volume caters for all tastes from the exotic Cedars of Lebanon in Hindley Street with its Homus and Bahlava to the humble Edinburgh Base Canteen with its pies, hot or cold, with or without sauce.

Darwin presents an equal range of establishments : The Tavern Wine Bar with its separate room for Glee Clubs or Barbershop Quartets; Fannies with their superb barrimundi and the Rotary Canteen at the Darwin Show with their full range of Greens, Whites, Blues and Barbwine. A supplement to the Darwin Volume gives brief mention to Nullagine and Kidson Field.

It's a shame that these delightful books have not yet been published. I understand the author would be pleased to discuss the cost of publication with any prospective sponsor over lunch somewhere nearby of course.

Ed's Note Author's original manuscripts are being held in the NatMap Library, under lock and key of course.

*The*



*News*

DANDENONG

OFFICE

SEPTEMBER 30TH 1977

No. 8.

### EDITORIAL OPINION

Effective Government needs to know a great deal more than it does about the Community it has been elected to serve.

This requirement is essential if we want decisions affecting us all to be based on fact.

Computer oriented bureaucracy is the only way to coordinate the complex functions of our modern economy and society and cannot be dismissed with a curse.

However, the Community is entitled to feel uneasy at this tremendous potential source of impersonal decision making power. A force which can fold, bend, manipulate and categorise individuals, but most important, keep its I.B.M. cards immaculate.

A man's home may be his castle but in today's society it cannot help but be built along fish tank specifications.

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# DINNER DANCE

**Music by Bitter Sweet**

**FRIDAY 7-30**

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# FUTURE IN MAP REVISION

At the recent National Mapping Council Meeting, Resolution No. 372 was passed reading "The Council resolves that in the National Topographic Map Series at 1:100,000 scale, the revision of existing maps at intervals of not more than ten years should as a principle take precedence over the production of new maps".

The idea underlying this is that to allow the National Series to collapse through becoming out of date, would place us almost back where we were when the series was embarked upon. This is of particular importance as generally speaking we have compiled most of the areas of major activity.

The significance of this resolution is that we will now for the first time consciously embark upon a revision program which I am sure you will realise will be a massive task. Byrne Goodrick and I are talking about lines to be adopted and we have a couple of committees going to try to establish objective parameters for determination of when sheets are due for revision. We are also looking at the whole interlocking of the 1:100,000 compilation/completion/revision programs with the 1:250,000 compilation and revision and the Army JOG series. It is a fairly complex and interlocked matter.

Although it is very early days yet, my present thinking is that as firstly the laser field control, then laser office control and subsequently photogrammetric model control taper down people working in them would translate into a new organisation set up to handle revision. This will be of course a matter of considerable importance when the next review of the organisation is taking place early in the new year.

An interesting sideline is that the Ordnance Survey in Britain is similarly transferring its activities to revision rather than compilation and it's now freely said that they will never complete their original compilation program, as revision will take all of their efforts. I don't think that this is the situation that will arise here as we have a number of levels of compilation, and should be able to ultimately compile all map areas at present outstanding, but not necessarily in the present form or manner. The U.K. experience is an indication of the role of revision in a National Mapping Program.

Syd Kirkby.

## THE HAPPY COUPLE



WEDDING

THANK YOU

We would like to  
thank everyone at  
National Mapping  
for the lovely  
glassware and  
saucepan sets

Richard & Linda Hill

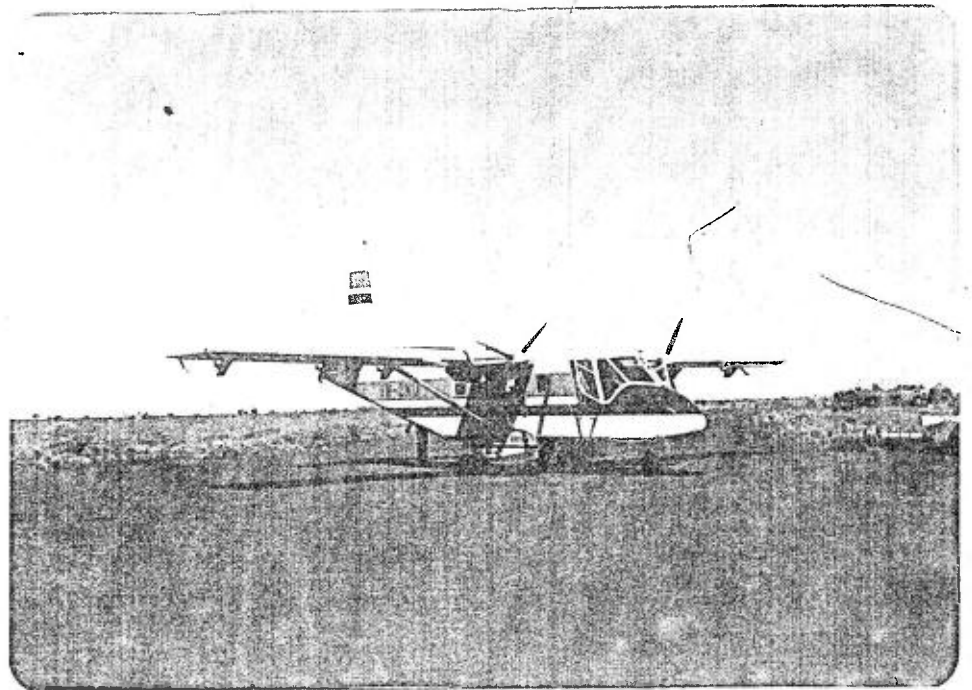
## LASER

The laser field party has completed this year's program a few days before time, despite serious setbacks early in the year.

This excellent achievement is due to Paul Wise, who ran the field operations for all but two weeks, and to Oscar Ertok, who was on duty for the entire season.

Roy Turner has just been forced back to captivity, while Peter James and Ian Graham were in on to the finale.

PLANE AT KIDSON FIELD



ROUGHING IT AT KIDSON FIELD

Pat O'Donoghue has been pilot for the last month and will be bringing the Nomad back to Melbourne with Paul and Oscar on board.

Ian and Peter will be bringing the trucks back, and Hayden Reynolds is due to drive the other truck into Melbourne shortly.

I love a sunburnt country  
a land of laser lines  
of endless sandhill ridges  
and neatly bisected pines.

I love our nice new Nomad  
with its good points, and its bad  
but what I love by far  
are the evenings in the bar.



### MAP COMPLETION

The section has become noticeably quieter lately.

I'm sure it's pure coincidence that "Bazza" Wright and his sidekick "Budda" Toll departed for Queensland about the same time.

While "Bazza" is in the news it is worth mentioning that he and Andrew Clarke will be off to the Antarctic around early December for approximately three months.

Welcome newcomers to the area are Darryl Williams, Peter Johnson and Alan Denham. Peter comes from a private survey office while Alan is from Admin. Services.

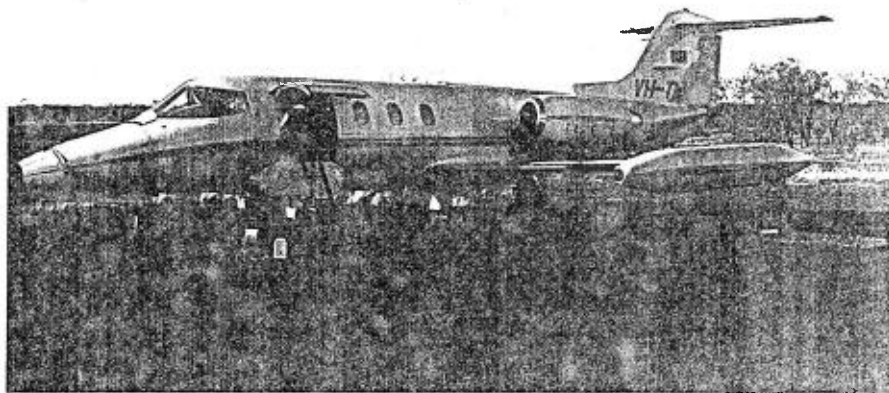
Reg Helmore and Dave Dzur after successfully completing their marijuana investigation at Griffith, moved down to Swan Hill where they obtained further photographic evidence.



DAVE DZUR IN ACTION WITH RC9 CAMERA

\* \* \* \* \*

### HIGH ALTITUDE PHOTOGRAPHY



LEAR JET TNN

Owing to inclement weather at Kalgoorlie which was interrupting flying operations, Joe McKae, Bob Smith and Bob Magel moved to clearer skies at Broome!

Block 43 photography is almost completed and they have made a start on Block 37.

The western half of Block 43 will hold their attention for the next week or so after which they expect to move to Alice Springs

# Digital Mapping

Natmap has in the past had quite a good reputation for being well up with the latest technology, and for some years, was invariably "the first with the latest".

Recent Public Service restraints have curtailed us a bit in this respect but in spite of this we are not doing too badly.

The latest moves in this direction relate to a policy decision to introduce digital mapping techniques for map compilation work.

In fact Natmap in 1969, were probably the first in Australia to use this approach to mapping, by producing digitised terrain models and data plotted contours.

In the meantime the Royal Australian Survey Corps and some State mapping authorities have seen the value of these digital techniques and have set up an appropriate system. Some of us have had an opportunity to inspect the Army Automap system and have been very impressed, but it is not, however, without its problems.

Natmap is now in the process of designing a similar type system and is acquiring the first bits and pieces of equipment to set it up. This will enable us to capture and record map compilation data digitally and then have it drawn by a data plotter. A diagram showing how all the items fit together into a total system is available in the Compilation Development Section.

Whilst the prospect is challenging and stimulating from a technical point of view, it will require us to adjust our attitudes away from the rather deeply entrenched traditional methods and towards these new approaches.

We cannot afford to drop behind in any way, either from the viewpoint of our own technical standing in the mapping community, or from the viewpoint from effective usage of our presently quite limited resources.

It is confidently believed that these new techniques will in the long run produce a more useful product; in some ways a better product; and most certainly a product that can be manipulated and processed by the modern computer age equipment now available into a variety of map products that will satisfy the ever increasing urgent user demands.

However, the best of such schemes are useless and ineffective without the involvement of human resources. The ultimate success then of this latest development depends on us all continuing to make our own particular and individual contributions, which, when put together, will as in the past, make Natmap a worthwhile organisation to belong to.

Alan Thomson.



... that Jockey's BBQ at Nullagine was a resounding success, the meat was questionable, but there was scintilating conversation.

... that the Selby Kid is in training for the Australian Open next year.

... that two Natmappers are now very unlucky not to be in the golf team.

... that Alan Mason has reached his maiden half century.

... that the local pool has more to offer than crystal clear water. Ask Hack and Grubb.

... that Ozcan Ertok can keep a laser going on torch batteries if necessary.

... that Harry and Ozcan needed to buy a map to return to Melbourne because they'd forgotten where it was.

... that Tubbs has acquired a new rooster and will soon be selling chicken 'n chips in the basement.

... that the Army has allowed us the services of Mr. D. Yau, on a part time basis.

... that Tom Zentai won't be going on a field trip this year.

... that only the more dedicated workers turned up on the Friday after Show Day.

... that Andrew Turk was so pleased with the Laser Field Party's efforts he made some rash promises.

... that Reg Helmore is taking over the Nomad as soon as he can stock up on Araldite.

... that Perth is nice this time of year.

... that Mr Magoo (rhymes with Khoo) can nottell the difference between "Mountain Man", Ainscow's rabbits and Flinders Island mutton birds. So much for aerial inspection and photo interpretation.

... that H<sup>3</sup> is moving rapidly towards becoming immortalised as one of the All Time Greats of Surveying. Another first! A new method of leading the blind - from the horizontal position!

Z Z

## Social Notes "Grubb"

Dinner Dance See Page 1

Car Park Rent now due!

Pool Tournament Our last Nat- Mapper Terry Mulholland was knocked out in the semi-final. But what a great effort to get that far Terry.

Theatre Night



Money and names must be in by 5th October. \$6 single, only 60 available. Date: 20/10/ Believed to be of Great Value.

VOTE OF THANKS To Tom. He does a magnificent job in cleaning up after social functions etc. So everyone, particularly at lunch break, please make sure you clean up after you. Table tennis players - please...no black shoes. A bit of thought for others goes a long way.

+ + + + +

## Admin.

Pam

The Staff Committee has been asked by Mr. Kirkby to devise a system for holding fire drills in Ellery House. Staff are advised that as soon as details of this are completed a fire drill will be held.

Best Wishes to David Henderson in St. V's Hospital (St. Basil's War) following a nasty car accident. David's badly broken leg will keep him there for some weeks but we wish him a speedy recovery. Same for Wendy Edwards on the sick list. Get well soon Wendy. Temporary telephonist Miss Debbie M... is helping out in Wendy's absence. Welcome Debbie.

+ + + + +

## STAFF TRAINING

Doug Hinton was not able to get the Work Control & Review course ready by 19 September; it will now be held from Monday, 24 October. Details and notes will be handed out as soon as received from Canberra, probably in the next two or three weeks.

A Finance Management course is being arranged for about 31 October - details and numbers to attend are being awaited with interest.

A tentative Departmental training program for the next twelve months has been received from Doug Hinton; Branch Heads and some Section Heads have copies.

## *Squash Notes*

Interest has faded in recent weeks and numbers playing are down.

As luck would have it David Henderson, a mainstay of the squashing fraternity, has met with an unfortunate car accident which will preclude him from squash (and Natmap) activities for some time.

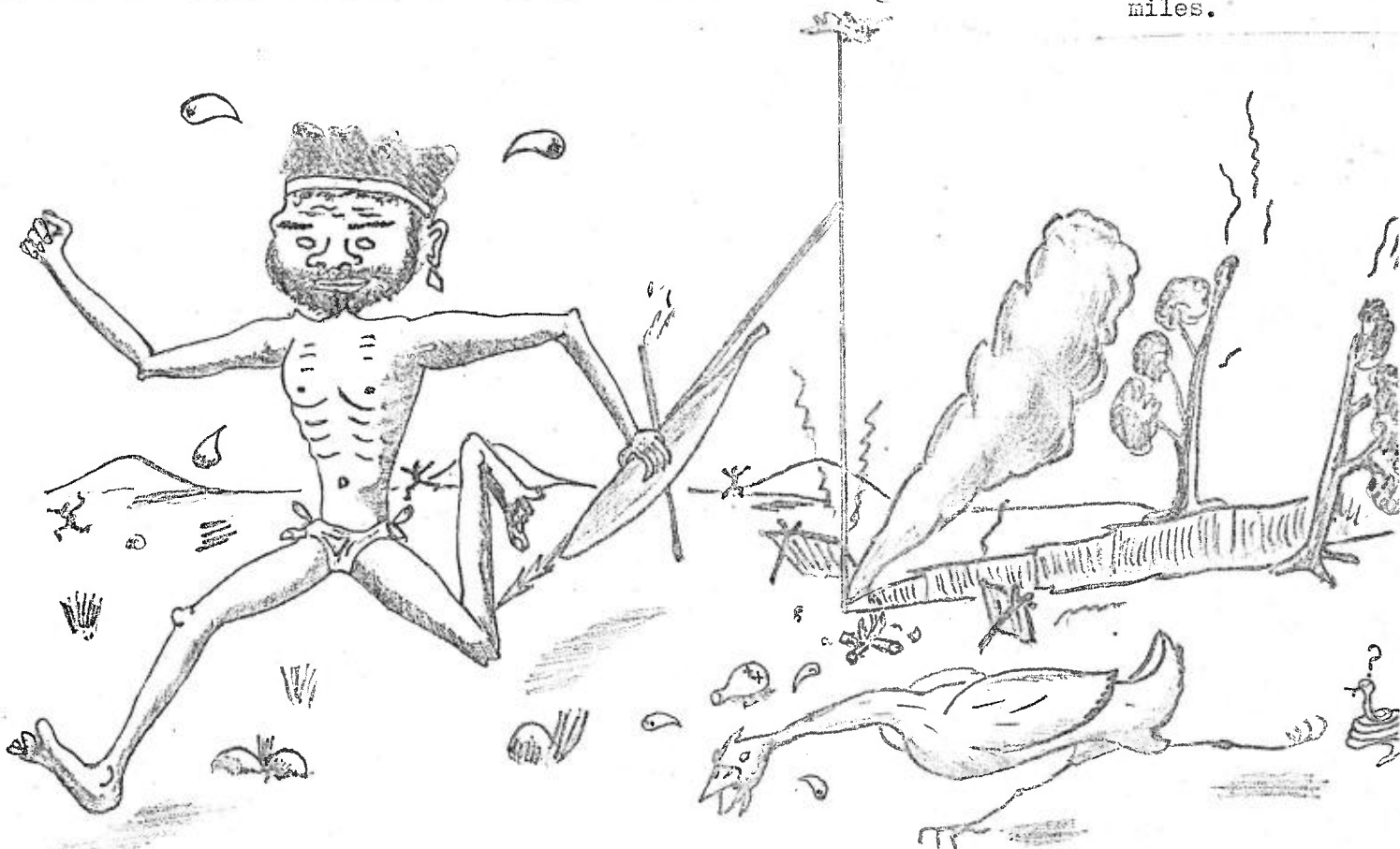
Nevertheless squash is being played by the devoted few at the Olympic Courts on Thursday lunchtime.



## *Fitness Club*

Anyone interested in running and swimming at lunchtime are most welcome to join Grubb and "Hack Hardie" on their weekly trips.

The swimming pool is situated in Cleeland Street and they run distances of one to two miles.



"An' de plurry white man call dat dabbil ray ting PROGRESS !!??"

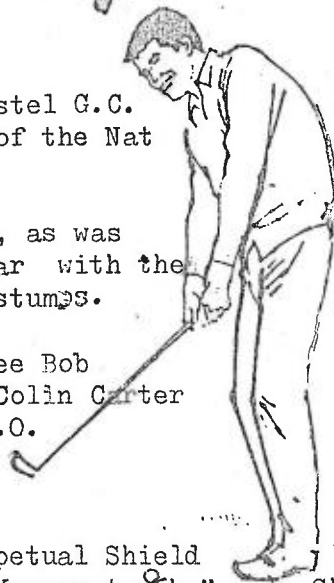
# Golf Gossip

- The Selby Kid

On Tuesday 6 September  
24 golfers teed off at Amstel G.C.  
in the inaugural running of the Nat  
Map Golf Championship.

A good day was had by all, as was  
shown once again in the bar with the  
Natmappers staying until stumps.

It was very pleasing to see Bob  
Wilkes, Trevor McRostie, Colin Carter  
and Phil Holmes. from V.R.O.



## Results

<u>Best Stableford</u>	- 1. Perpetual Shield and "Keeper trophy"	I. Shiell
	2. 1 doz golf balls	T. McRostie
	3. $\frac{1}{2}$ doz. golf balls	D. Hocking
<u>Best Gross</u>	1 doz golf balls	I. Shiell
<u>Nearest the Pin</u>	$\frac{1}{2}$ doz golf balls	T. James
5th hole		-
12th hole		
<u>Longest Drive</u>	$\frac{1}{2}$ doz golf balls	I. Shiell
17th hole		

## COMPLETE SCORES

I. Shiell	31
T. McRosite	30
D. Hocking	29
G. Barwise	24
D. Williams	24
C. McMaster	23
T. Zentai	22
T. Larkin	21
J. Hardie	21
P. Holmes	20
I. Pasco	20
K. Crane	19
A. Turk	19
R. Wilkes	18
S. Pinwill	17
W. Stuchbery	16
R. Kearns	14
D. Young	14
A. Christie	10
B. O'Connor	9
J. Allen	8
M. Lloyd	6

+++++

The word is going around that the  
handicappers have caught up with  
the Selby Kid.

AMSTEL 20.9.77

With the approaching Commonwealth  
Golf Day only days away, some players  
decided on a practice round on the  
competition course.  
Fortunately there is still time for  
a couple more practice rounds for  
the squad.

<u>Results</u>	G. Barwise	106
	C. McMaster	108
	D Hocking	114
	I Pasco	118

+++++

WAVERLEY (Priv) 27.9.77

The Natmappers welcomed the return  
of Dave Goldsmith after a long  
absence. Dave showed some of his  
past brilliance with some fine golf,  
but slowed down a little when con-  
fronted by the three dams on the 17th  
It was a costly hole losing a ball in  
each dam.

## Results

I. Shiell	102
T. Larkin	104
I. Pasco	106
D. Goldsmith	110

+++++

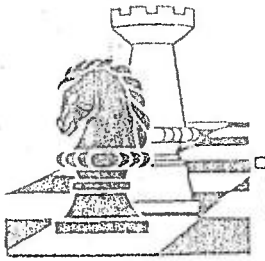
COMMONWEALTH GOLF DAY - 11 Oct - Amst.

The team has now been selected to  
represent the Department at the  
Commonwealth Golf day.

The selectors had a difficult job but  
believe they have chosen a star studd  
line up and are looking forward to a  
good showing from the Natmappers.

T. Larkin	T. McRostie (VRO)
C. McMaster	I. Shiell
I. Pasco	P. Holmes (VRO)
	D. Hocking





en passant

### Solution to Fuzzle 3.

Fuzzle 3 is of the "en passant" key. First up let us examine the move that must just have been made by Black that gave rise to the diagram position.

The P on KR2 has not moved. The K could only have come from either of KKn 2 or 3. KKn2 is impossible since it would then have been in check from a P which could not have reached its square of B 6 on W.last move; therefore the K did not come from KKn 2.

Similarly the B.K could not have come from KKt 3 because of the double check from the W.K and the B. Therefore the last move by B must have been the B.KKnP.

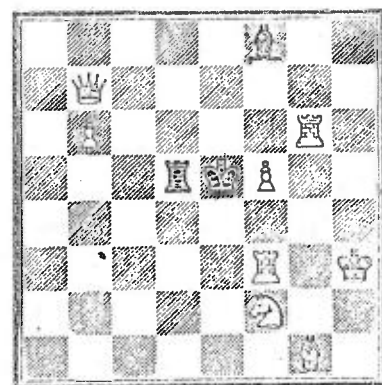
This could not have come from B 3 or R 3, taking material as it moved, as those two squares are occupied. Nor could it have played from Kn 3 or the W.K would have been in check with B. to move, that is to say, the W.K would have fallen. It is therefore clear that B. last move must have been the P from Kn 2 to Kn 4.

This in turn allows W. the option of playing P takes P "en passant". For those who are unfamiliar with the "en passant" rule, it is that where a P is first moved and takes up the option of moving two squares instead of the normal one, this double move is conceived as two single moves. That is to say, the pawn is imagined as having been stationary on the first of the two squares covered in the move. This of course allows an adjacent pawn of the opponent to capture on that square. So in this situation the "en passant" play is to remove the BP on the Kn file and place the RP on W.KKn 6 (i.e. where it would have captured the B.P had the B.P moved one square at a time).

B. has only one move now which is K to R4 when W. reply of R takes P is mate.

### PUZZLE NO. 4

Puzzle No. 4 is on the sacrificial key  
(a sacrifice of material by white to  
force the mate on the following move).



# KITCHEN

# CORNER

RECEIPE OF THE MONTH

- by SASHA

## SATAY from Malaysia

Serves 8

### Ingredients

2lb fillet or rump steak  
2 cloves garlic, chopped  
 $\frac{1}{2}$  teaspoon chopped fresh ginger  
1 medium onion, chopped  
1 tablespoon tamarind liquid or lemon juice  
1 tablespoon ground rice  
2 teaspoons salt  
1 tablespoon chopped fresh coriander or parsley  
1 tablespoon oyster sauce  
 $\frac{1}{2}$  teaspoon ground black pepper  
 $\frac{1}{2}$  teaspoon ground cinnamon  
1 tablespoon ground coriander  
 $\frac{1}{4}$  teaspoon ground cardamom  
1 teaspoon ground cummin  
1 teaspoon ground curry leaves  
1 teaspoon ve-tsin powder (optional)  
1 teaspoon thoi sin sauce (optional)

### METHOD

Place onion, garlic, ginger, salt, tamarind liquid, coriander leaves and oyster sauce into blender and blend until smooth. Heat coriander, curry leaves and cummin in a dry frying pan, mixing constantly to prevent burning, until colour darkens slightly and the aroma is released. Combine all ingredients except steak in a mixing bowl. Cut meat into small cubes. Mix well with the paste and marinate for at least 2 hours. If possible, prepare day before and refrigerate overnight.

At serving time, thread meat on bamboo skewers and cook over glowing charcoal or under a grill until tender. Serve with Peanut Sauce.

+++++

## N A T M A P   C L A S S I F I E D S

### FOR SALE (Garage clearout)

1 pair Thrush side pipes - VGC \$155 o.n.o.  
Ford XT P/side door \$35  
Falcon shocks discs (front), axles, springs,  
diffs, 3.50 & 3.23  
4 wide steel rims 14" x 7"  
289cain cam, manifold, 2BBL Carby  
4 speed gear/box (early Borg-Warner)  
1 pair Holden wingmirrors L & R  
XR door trims 1 P/side front (grey)  
1 D/side front (Maroon)  
XT door trims (front) black x 2  
Phone: X249 or weekends 546 6208

### FOR SALE

One battery  
2 front tyres  
Contact: H4 Meekathara Hotel

+++++

### WANTED

Good home for old wardrobe  
Contact: Rod Menzies

DANDENONG

OFFICE

October 31st, 1977.

No. 9.

## EDITORIAL OPINION

### the challenge of quality

Accurate up to date maps are vital for the nation's strategic and developmental requirements.

Because of financial restraints we lack personnel and equipment to satisfy these needs.

This appears to be an anomalous situation when even Third World countries are spending more of their G.N.P. per capita on mapping than we are.

In one man's opinion, and not necessarily the opinion of Natmap Management, in the present economic climate the solution boils down to two main possibilities: either maintain a limited production of QUALITY maps, or pull the wool over the taxpayers' eyes, drop our standards and mass produce an inferior product.

\* \* \* \* \*

## DINNER DANCE

mûsic = 'Bitter Sweet'

DEC. 2

# Socially

## ITINERARY FOR REMAINDER OF YEAR

November 13 (Sun) Cricket vs VRO  
December 2 (Fri) Xmas Dinner Dance  
December 18 (Sun) Car-Rally-Kiddies  
Xmas Treat  
December 23 (Fri)  
"Last Working Day"

.....

### "SAUSAGE SIZZLE"

Friday, October 28th's Sausage Sizzle was another successful Friday night get-together.

Thanks to The Blue Streak, Terry Mulholland and Vicki who did a great job cooking the sausages.

Pool competition trophies were presented during the evening and they went to our friends next door. Well done.

.....

### CRICKET MATCH vs VRO

On Sunday, November 13, the Natmap side will be venturing down to Baxter No. 2 Oval to try and wrest the Cup from the Bourke Street Bludgers. The game will commence at 11.00 a.m. with both sides receiving 35 overs. It is BYO lunch and refreshments and after the game you are welcome at Ron Thorn's in Ingleton Court, Baxter. (Again BYO everything!)

This is our last chance to defeat a strong VRO combination. They shift to Dandenong shortly and will lose 52% of their side when Phil Holmes leaves. Plenty of supporters are needed to cheer us on.

Practice for the match will be held on Thursday, November 3 at 12.00 midday at the Recreation Reserve on the Princes Highway (n-w of the building). See Grubb for whereabouts. Bill Stuchberry was voted Captain (Grubb decided to stand down gracefully). Hopefully Bill will lead a successful combination.

.....

## CHRISTMAS DINNER DANCE

## Grub

Due to an overwhelming response to the last Dinner Dance, the committee has decided to hold one prior to Christmas. It will be on December 2nd on the 7th Floor and, as previously the charge will be \$16.00 a double BYO. Music will once again be provided by "Bitter Sweet". The committee has chosen a local caterer this time and, hopefully, the service will be superior.

Put Dec. 2 in your diary and join in the fun. You will not be disappointed. We would like to see our friends from Fuel Branch along for a last get together.

Tickets are on sale from Pam Hill, Graeme Barwise and Johann Jan Den Driessen (VRO) now.

.....

### CAR RALLY - KIDDIES XMAS TREAT.

On December 18 (Sunday) there will be a Christmas Car Rally. A circular will be sent around regarding this but we would like all parents to buy each child a gift and bring it to us, clearly marked, three days before. By supplying your own gift you prevent us having to ask you for more money, purchase of the wrong gift for the wrong child and, worst of all, a child missing out altogether.

More about this outing later.

.....

### WONDER WOMAN - Reg Livermore

Of those who attended most of them said what a magnificent performer Reg Livermore was and they thoroughly enjoyed their \$6 worth.

.....

### POOL TABLE

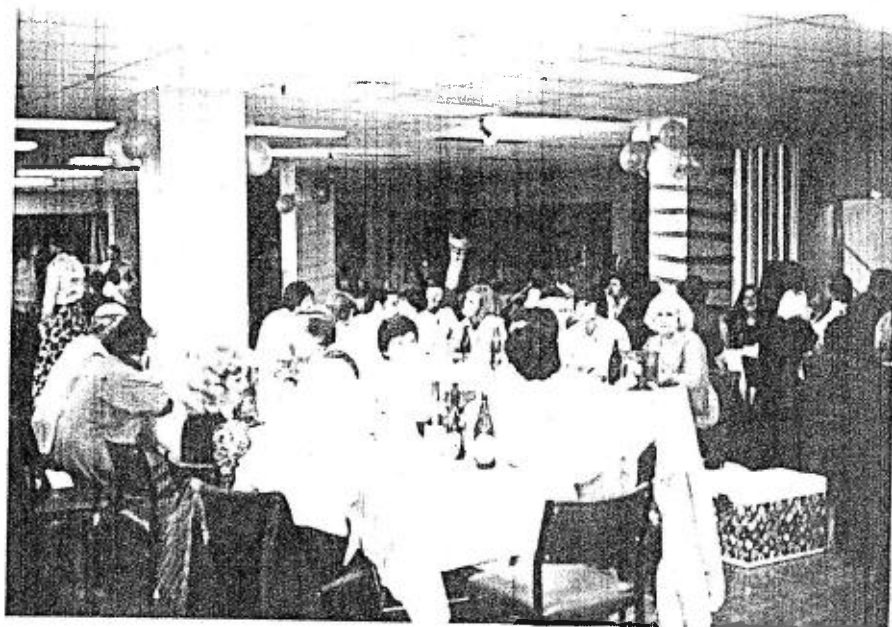
To save long waits the rule for potting the black ball is that you must nominate which hole for the particular shot.

This stops a rash shot going in, and you cannot nominate the pocket your opponent/s nominated the shot before.

Thank you.

World 8 Ball Championship coming up - watch for details.

.....



# D I N N E R

Scene on 7th Floor on September 30th

Our September Dinner Dance proved an outstanding success. What with the Floor Shows (!!), "Bitter Sweet" and the power strike, all agreed it was a most enjoyable night. And of course, we must thank the remarkable capacity of that Honda generator!

All those who missed out - and there were a lot of Natmap faces missing - make up for your shortsightedness by coming along to the next one.

Thankfully the respective wives of Reg Kilpatrick and Bill Stuchberry have recovered from their accidents. There is a lot to be said for leaving 7th floor functions in the lift!

The supper was a little disappointing but we hope the caterers chosen for the next Dinner Dance will be a great improvement.

Leon and Linda socialising



# D A N C E



# ADMIN

Leon Wood leaves us for greener pastures at the Board of Works next week and we wish him all the best in his new position.

A new starter this month is Stuart Peacock; our long awaited Computer Systems Operator who has just commenced in the Technical Services Branch. Stuart comes to us straight from Telecom and we hope he has sufficient time to settle in before heading off down the path of matrimony next month. Welcome Stuart!

Our old friend and mate - Norm Harding is C.D.I. at the Met. Bureau. His role is both fulfilling and demanding, in that it covers a number of areas in the Drafting field. Plus his staff strength is to be increased.

With the recent visit of a Middle East prince to the Met. Bureau, Norm was flooded with requests for diagrams etc. from a number of areas within the Bureau - Norm is a busy but happy man.

## TRAINING NOTES

The long delayed Work Control and Review Course finally got under way on Monday 24 October, the first three days at the Commonwealth Centre in the City and the last two days at Dandenong. Eleven staff members attended.

Peter Quinn is doing familiarisation training on angular and astro observing in preparation for wintering in Antarctica during 1978.

Peter James and "Bluey" MacGibbon will be doing a theodolite and tellurometer traversing course in the Dandenong area over the next few weeks.

The Finance Management Course which was programmed for 31 October will hopefully now be held about the 24 November. Another Department, possibly the Department of Transport will fit about six of our officers into their own course so more definite information is hard to obtain.

## NUTS

Forms now available for delivery prior to Xmas. All orders must be in by Nov. 10. See notice board on 7th floor (beside pool table) for list of available Planter's Products. Prices are below Retailers. See Ron Wilson for orders.

CHOICE CHRISTMAS HAMS \$3.65 per kg.

Orders taken up until December 1. Delivered the week before Christmas. Phone Wendy (Ext. 9) or Penny (Ext. 230).

## ATTENTION! ALL FISHERMEN

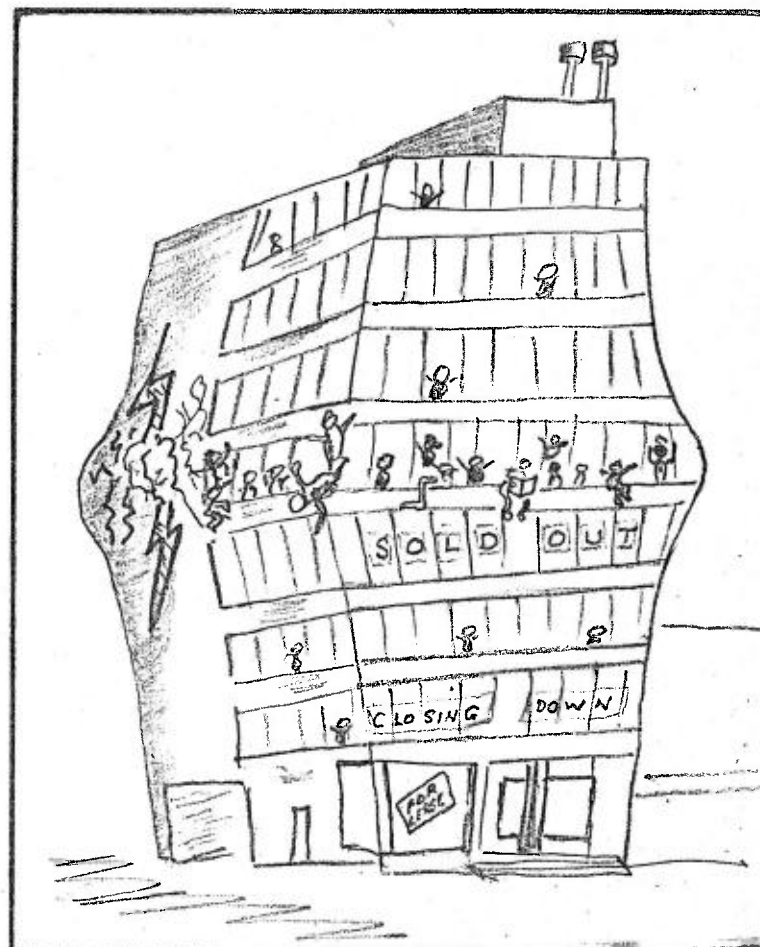
WORMS! WORMS! WORMS!

Contact : H. Reyholds

## THANKS

Wendy would like to say a sincere Thank-you to those who so kindly came to her aid when she lost a considerable amount of money recently.

\* \* \* \* \*



# Field

## MAP COMPLETION

The field inspection crew of Drew Clarke, Daryl Williams and Barry Wright are now in Roma, Qld, with the majority of their work completed. Geoff Roll returned to Melbourne and is noticeably losing his northern skin. The troop shall move to Brisbane to give a demonstration of our field inspection to the Queensland Lands Department. Allan Thomson shall fly up to take charge as Master of Ceremonies.

D. Clarke will return to the office while Daryl and Barry complete the job before driving home.

Reg Helmore and John Mordoch have returned from Townsville without the Nomad. They find that it doesn't work too well with only one engine. They will return and complete the Supplementary Photography when the engine is repaired.

The remaining staff in the office have just put away their sunglasses and pens after starring in Hollywood's latest epic.

## MAP CONTROL SECTION

The ~~laser~~ field season for 1977 has been successfully completed and the Nomad is now on loan to Map Completion. Bob Goldsworthy and Peter Harrup are about to embark upon a short spot photography program in Western Australia and South Australia.



## HIGH ALTITUDE

High altitude photography is drawing to a close for the 1977 season. The troops are currently operating from Kununurra and have been joined by Paul Wise (H<sup>4</sup>) for the last few weeks of operation.

Block 37 is proving troublesome with cloud covering portions of the western half, but they are confident of completion of the program.

Blocks 25, 26, 36, 43 and 44 have been completed to date.

We are looking forward to having Bob Joe, Bunter and Paul back to strengthen our cricket team for our most serious onslaught on the V.R.O. Bludgers yet.



Mick Lloyd, Reg Kearns and Steve Pinwell at work in Northern Australia. There will be a count of Party Leaders shortly to see who is missing.



- ... that the Public Service Inspectors are to be invited to do a S.U.R. at Dandenong
- ... that members of the Work Review Course are going to join Management Services
- ... that Peter Harrup specialises in dealing with Hasselblad problems
- ... that Ron Wilson is supposed to be relieving on the fourth floor
- ... that Grrum agrees that Joh's country is the only place to live
- ... that the Libs will win again
- ... that H4 is saving for something from all his field trips
- ... that the Bater didn't leave his brown nose in Melbourne
- ... that Peter Harrup won't be getting a field trip this year
- ... that the fire alarm didn't awaken those on the upper floors
- ... that Archie's pushbike is attracted by automobiles
- ... that some people enjoyed the floor show at the Dinner Dance more than the group. Must have been good!
- ... that the first floor has had a bigger loss than Hairy Legs, but Terry, Ken & Co. are smiling
- ... that Leon Wood is not going to the Board of Works as Production Manager!!
- ... that there is going to be a Chief Management Course for the Indians
- ... that speed L. goes to the races to pick his beard and not winners
- ... that R.P.K. is having piles of trouble
- ... that safety belts will soon be fitted to the Albion Bar Stools.
- ... that Mumbles was seen pouring black coffee down his throat on the 11th floor of the Commonwealth Centre - prepari for that last session?
- ... that there are no stop watche or clip boards left in the Store
- ... that Aussie Disposals report there has been a heavy run or whips since Thursday
- ... that there was a spy on the recent Work Review Course
- ... that Goldy will have his own First Aid kit on the 7th floo at the next Dinner Dance
- ... that Tubs was thrown out of the Dandy Nudist Club - for not jumping high enough when playing leap-frog!!
- ... that a Class 1 Surveyor has been trying to sell a dud motor mower to the T.O's.
- ... that the free car wash will continue every Thursday afternoon in the basement, after the "Dandy" success of the first one.
- ... that the Dandenong Fire Brigade's motto is "Practice makes perfect".
- ... that Dickie Bird is a pedestrian again!
- ... that Grubb recommends a good local mechanic.

The ever increasing trend towards consumerism continues to annoy me, and even though my annoyance is futile, I feel it must be voiced.

The large monster of advertising is continuously trying to find new ways of breaking down any defences we have to get that hard earned money from our wallet. They make things we or our parents have regarded as luxuries into essential items and things our logic says is useless into "handy" things.

One lever the consuming machine uses is that it will give us more time for relaxing or to enjoy life, yet I find more and more people doing extra work to earn the money to buy the luxuries or to "update" the perfectly efficient and usable things that they already own.

The quality of life, including the amount of time spent with children and the old art of being creative, seems to be spiralling downwards in our senseless quest for "everything new now!"

People now pay a man to do the garden because they haven't time or are too tired after a hard week making money to be able to spend time caring for the property they spend much of their life working for.

Fortunately there is a swing by those dissatisfied by easily broken, badly produced items to handcraft industries and natural produces, yet instead of people trying to create, they buy. Candles, kids toys, greeting cards, hanging pot plants or bottled fruit are easily made and give a long forgotten glow of pride when they are used. Learn to

# CONSUMERISM

service your own machinery, cars, mowers, washing machines etc.

When making choices of anything consider the alternatives -

Do I really need it?

Can I fix the old one?

Is someone not using one that I can swap for something I'm not using?

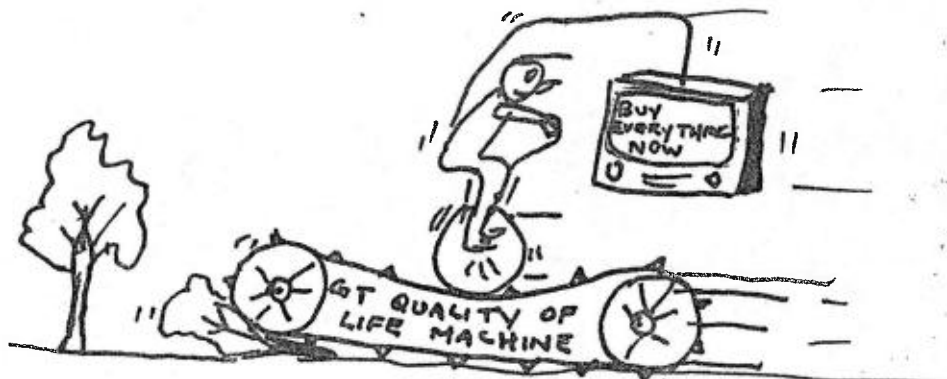
Can I buy a good used one?

Can it be shared?

Look upon advertising as you would a con. man.

It not only saves your money, it saves the environment, gives you more time to relax and slows down the consumer machine.

Leon Lascelles



# Golf Gossip

## THE SELBY KID

On Tuesday the 11th October the golf team headed off for the Commonwealth Golf Day at Amstel G.C.

With the responsibility of representing our Dept. resting heavily on the team's shoulders, and the memories of past performances, the Natmappers teed off, with Ian Pasco being first away at 7.30a.m.

Some good scores were recorded in excellent conditions, spoilt only by excess water (from sprinklers) on some greens and approaches.

It was unfortunate for the team to have Trevor McRostie as a late withdrawal, but his substitute in G. Barwise, although lacking in 'match practice', used his experience to advantage.

Phil Holmes (from VRO) played a great round to record our team's top score of 33 stableford points. His efforts are appreciated, not only his fine round but the manner in which he made the effort to play in the team.

The scores for the day were -

P. Holmes	33	-	handicap	21
C. McMaster	29			25
T. Larkin	29			22
I. Shiell	29			21
I. Pasco	28			25
D. Hocking	24			32
G. Barwise	19			32

Team's gross score 191

After years in the doldrums the Dept, can be proud of their team's effort. Out of the 21 teams in the competition our Dept. finished 9th. This is a great effort considering we only have a handful of weekend golfers to select from, compared to some of the other Departments who boast many low handicap golfers.

The best gross score went to Telecom Vic. with an aggregate of 228 p.s, with the Broadcasting Tribunal taking out the 'wooden spoon' with 153 p.s.

The Natmap golfers in Dandenong are endeavouring to arrange a weekend 'away' with their counterparts in Canberra. More details when they become available.

## Early Retirement

Almost everyone in the workforce has at some time dreamed of an early retirement. These dreams usually include thoughts of some sporting activity, reading, fishing, travel, a warmer climate, some form of art or gardening.

Many wish for a windfall in some Lottery, Tattsлото or the Pools to expedite their early retirement ambition. Perhaps an Act of Parliament lowering the retiring age may do the trick. Others may think of a medical retirement followed by a miraculous recovery after a short period.

A special section of the Superannuation Act covers recovery from illness in that you can be re-engaged at a salary two-thirds of your retiring salary - think of the loss when you retire the second time.

Early retirement thoughts rarely consider family commitments, particularly children still being, or to be, educated, doing cadetship etc., or the major problem presented by boredom.

Even if the kids are boarded out or one is family free, the activities envisaged will not occupy one full time, particularly for a period of years. Think how frustrating this would be for those with many active years ahead.

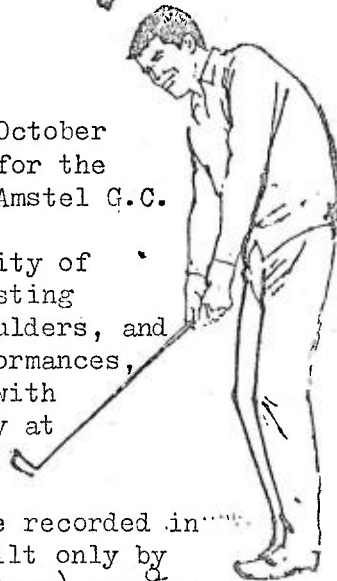
For a successful early retirement one would require a well organised plan formulated on serious thought to avoid a distasteful life of boredom.

\* \* \* \* \*

My thanks to the many well wishers at Nat Map, particularly those who visited me in Hospital.

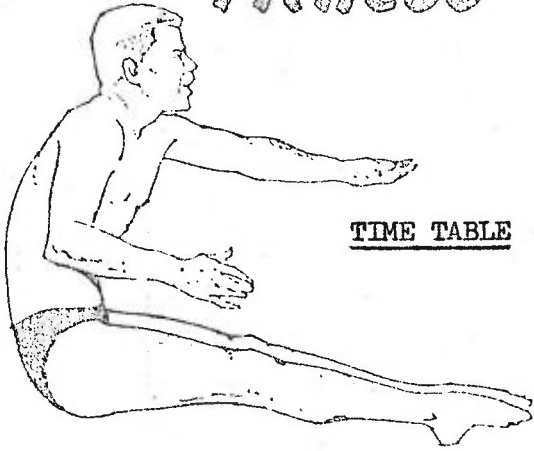
Alex Pond

\* \* \* \* \*





# Fitness Club



## TIME TABLE

**MONDAY** A quick run around the block (1 1/2 and 2 1/2 mile course). Pacesetter Hack for the 2 1/2 mile course. If you cannot beat Grubb over 1 1/2 then you are really out of condition. Good to see Dave Goldsmith, Ian Shiell and Leon Lascelles joining in.

**TUESDAY** Table Tennis on the 7th Floor

**WEDNESDAY** Depending on the heat - 1 1/2, 2 1/2, 3 1/2 or 5 mile course. Des Young, Ian Pasco and Dave Goldsmith have joined Hack, Grubb and the Selby Kid on the runs.

The Lovlies, Pam Hill, Ann Golding, Vicki Charman and Magda Rampal - along with some locals - have joined the lads for a swim.

**THURSDAY** Squash at Scott Street

**FRIDAY** Tennis at church courts over the road.

.....

See Ken Hayes for your Morris  
and Morris Invitation Cards.

## SELBY TENNIS CLUB - The Selby Kid

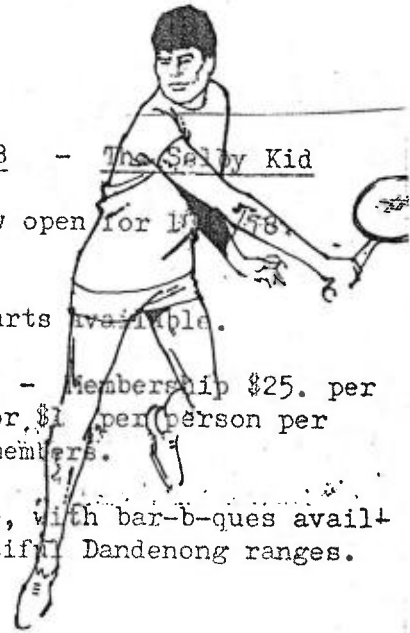
Membership is now open for 1978 season.

Two brand new courts available.

Inexpensive fees - Membership \$25. per family per year or \$1. per person per session for non-members.

Picnic atmosphere, with bar-b-ques available in the beautiful Dandenong ranges.

All welcome!



\* \* \* \* \*

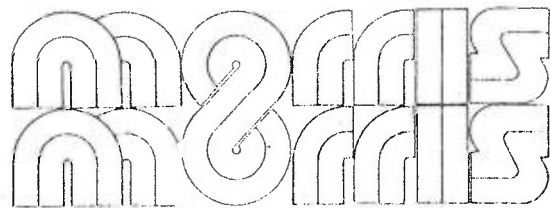
## GUN CLUB

The results in the recent inter-floor Shoot off at Keysborough Gun Club were :

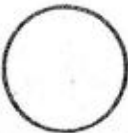
The 3rd floor (All Stars) completely annihilated the 1st floor (Misfires) - despite their inclusion of "the mountain man."

"All stars" as expected filled 1, 2 and 3 overall with a notable performance from Ian ("ACE") Graham with 29 out of a possible 30.

Another notable performance from KH00, who seems to have found he cannot focal length



UNIT



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extends an invitation to visit our  
Spacious Air-conditioned Showrooms

the gallery, the lodge  
and featuring our  
new showroom extension

Monday to Friday between 8.00 a.m. and 5.00 p.m.  
From Thursday, November 3 until Tuesday, December 20  
our Showrooms will also be open on Tuesday and  
Thursday evenings from 6.00 p.m. until 10.00 p.m.

ADMISSION ONLY ON PRESENTATION OF THIS CARD



en passant

#### Solution to Puzzle No. 4

The key move is R-Q6 with a threat of Q by R, mate on the next move. There's not anything much for black anyway but looking at some of the captures we see, if :

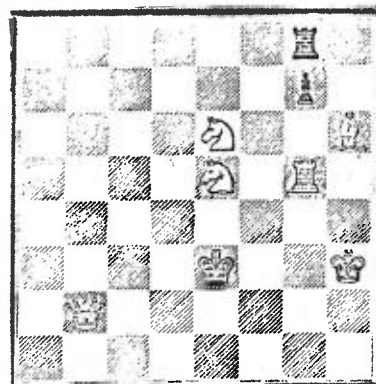
	<u>Black</u>	<u>White</u>
1.	K x R	Q-QB7 (mate)
2.	R x R	Kt-Kt4 (mate)
3.	B x R	Q-Kt7 (mate)

Really when all is said and done black would have been just as well off to have started to sulk at the previous move anyway!

#### Puzzle No. 5

Puzzle No. 5 has a key move which looks as though white is making things easier for black.

Timeo Daneous et dona ferrentis.



# WANTED

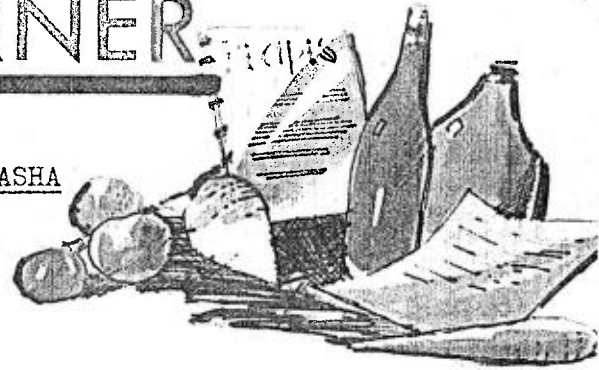


TERRORISTS WANTED FOR HIJACKING OF NOMAD AIRCRAFT FROM KIDSON FIELD AND FORCING IT TO FLY TO DARWIN. IT IS SUSPECTED THAT THESE MEN BELONG TO THE SAME "GORILLA" GROUP THAT IS CURRENTLY HOLDING THE SAME AIRCRAFT IN TOWNSVILLE.

# KITCHEN CORNER

RECIPE OF THE MONTH

- by SASHA



TALI MACHCHI - fried fish from India

Ingredients :

1 lb. firm fish fillets  
3 tablespoons plain flour  
3 tablespoons pea flour  
 $\frac{1}{2}$  teaspoon turmeric

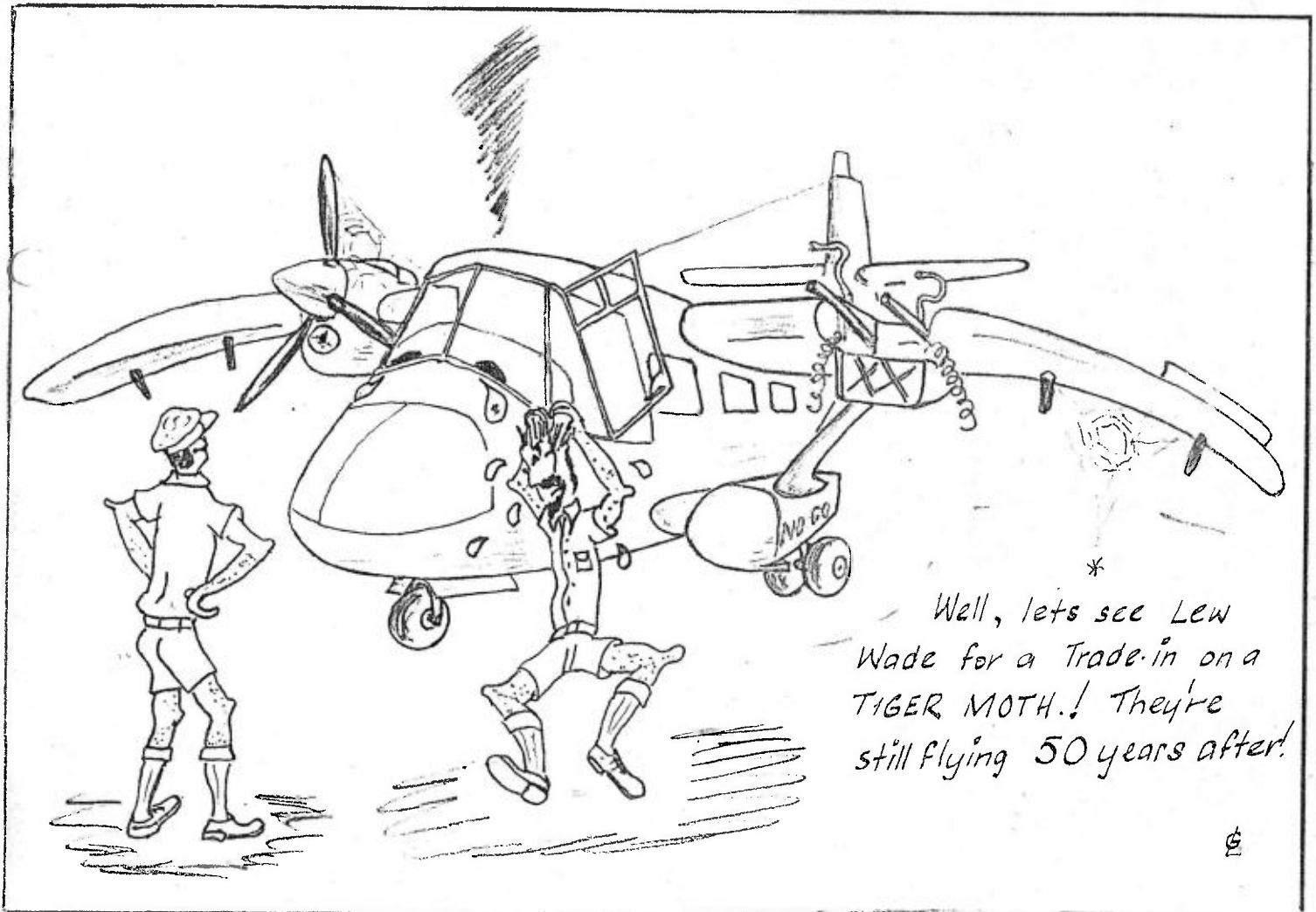
1 teaspoon garam marsala  
1 teaspoon salt  
1 beaten egg  
oil for frying

Method :

Wash and dry fish. Mix flour, pea flour, turmeric, garam masala and salt together. Dip fish into beaten egg, then coat with the flour mixture. Fry quickly in smoking hot oil until golden brown on both sides. Drain on absorbent paper and serve with boiled rice.

This dish is served traditionally with hot pickles and Brinjal Bartha (eggplant puree).

\* \* \* \* \*



\*  
Well, lets see Lew  
Wade for a Trade-in on a  
TIGER MOTH.! They're  
still flying 50 years after!

**EDITORIAL OPINION****participant  
or  
parasite**

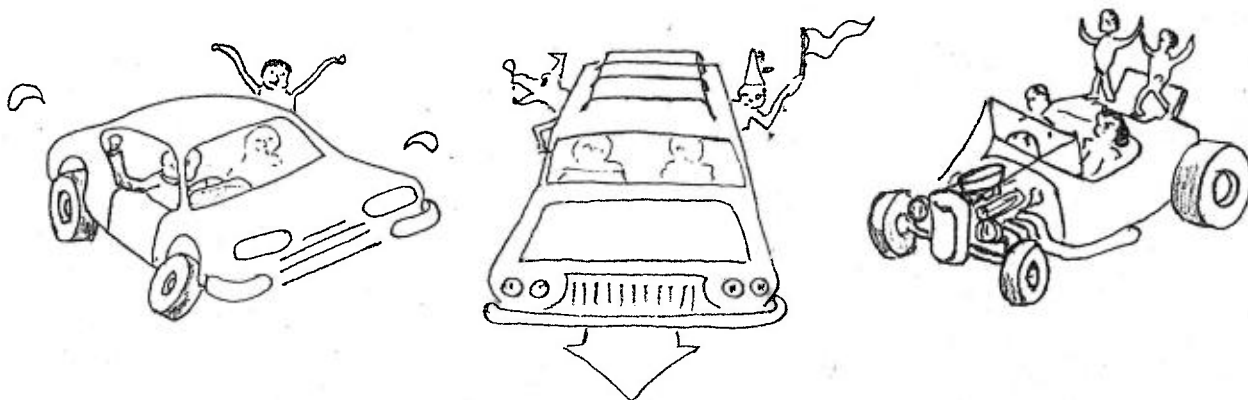
"National Mapping owes me a job" is a statement that has been uttered from time to time.

You are not entitled to a job. You are only entitled to remuneration for work performed. If you don't perform then you should lose all privileges and having a job is a privilege.

Private enterprise is often criticised for ripping off the people, but the minority that do this are no worse than the minority in public service that rip off the taxpayer by bludging.

"I wasn't given the opportunity" or "I wasn't employed to do this sort of work" are not legitimate reasons for switching off. Opportunities are self made and if the work emphasis changes then there are ways and means of obtaining fair recompense.

Above all be positive. The traditions and reputation of National Mapping are and will be the result of positive thinking and action.

**CAR RALLY KIDS DAY****Sunday dec. 18**

## Letter to Editor

Sir,

Reading the 31st of October issue I started to reflect on what an editorial on "The Need for Information" rather than one on "The Challenge of Quality" would say.

Map makers are inclined to lose sight of the fact that they really ought to make their maps for map users not for other map makers. Consequently, the QUALITY required of the maps is the quality that the user needs, not the quality that will impress a professional colleague.

We all have a problem with the "enough quality" concept as our training aims us very squarely for the bulls eye of accuracy. It is difficult to deliberately let so much of that accuracy go as is effective to satisfy the real needs of the people for whom we work, but, I believe, an obligation we have.

I take issue with the editorial as it missed what I believe is the only real possibility available to us; to maintain as great a production as we can of maps of adequate quality; not to produce either wastefully high quality maps nor strings of unsuitable sausages.

Syd Kirkby

.....  
**Admin.**

### SICK LEAVE WITHOUT MEDICAL CERTIFICATE

The Public Service Board has just announced that officers with more than 12 months service may now take up to 5 days sick leave with pay in any 12 months without producing a medical certificate. However, the maximum number of days which may be taken consecutively is 3. Further details can be obtained from P.S.B. Circular No. 1977/24 dated 15 November 1977.

## Social

"GRUBB"

DINNER DANCE This Friday (the 2nd) commencing at 7.30pm on the 7th Floor. The band is the same as the last time - Bitter Sweet and the catering is local. The response from NATMAP employees is satisfactory and I feel a good night is in store. Please get monies to Pam Hill before Thursday.

POOL TABLES After Terry's talk the response of donating 20c towards each game is excellent keep it up. As you might have noticed by now a chart has been put up to record monies coming in and how much we owe. Any profit that is coming from the tables will be put back into scoreboards; snooker balls etc.

CAR PARK Park personnel please return notice on leave over the Christmas break. At the moment I have 4 permanent spots and may more casual spots over Christmas. So anyone that would like to park, please see me.

CAR RALLY - KIDDIES DAY Sunday December 18.

Once again only a few notices on how many people are attending our Christmas Day at Tooradin. Please get them in. The actual car rally will not be long or extensive and a \$2 fee/car will be charged to cover prizes, and most importantly those who will be attending either via car rally or straight to Tooradin Aero field could they please bring the childrens gifts by Thursday 15. The Social Club will be supplying ice-cream and lollies for the "kids".

### CRICKET/GOLF WEEKEND

On the drawing board for early February will be a Golf & Cricket weekend against Canberra at Corowa. We are endeavouring to hire a bus (45 people needed) to leave Friday and return Sunday night for approx \$30 inc. accommodation or approx \$10 per night for those who use their own cars. More information will be given when arrangements have been programmed. Please let me know if you are going by bus.

.....

PAM

We welcome several newcomers to the Map this month. Miss DINEKE PILON comes to us after a period working for a firm of engineering consultants to the Dandenong Sewerage Authority, however, finds our type of work far more stimulating. Her main outside interest is horses; in particular her ex-trotter.

Other newcomers to our ranks are ROSS GRIMMETT who has spent the last 4 years working for Australasian Aerial Mapping (AAM) and GEOFF RIPPINGALE, who comes to us from 5 years at the Vic. Land Dept, and extensive overseas travel experience.



# Fitness Club



## "CHRISTMAS SPECIALS"

With the Christmas festivities already well underway, its well

worth your time to have one or two workouts each week. Make a determined effort to join in the "fun and fitness" activities that are currently functioning.

## RUNNING

The Monday and Wednesday runs are still going strong, Bill Nagal is now a regular Wednesday participant and we welcome more starters. Contact Hack on 236.

## SWIMMING

Wednesday swims have become a real favourite. The 50 metre, heated, indoor pool is superb, why not take advantage of this fantastic facility. Contact Grub on most floors.

## SQUASH

Despite ailing attendances the Thursday "Super Squash" is still a goer. Why not pull out that old racket and make it a big day. Contact Carl McMasters on 214.

## TENNIS

The Toyota Classic was a success and so are our Thursday and Friday lunchtime games. Anne Golding, Wendy Edwards, Alma Mason and Ron Wilson are now enjoying the chance to pop over the road for a game. Contact Vicki on 237, she welcomes new starters with open arms.

## TABLE TENNIS

Don't forget that our tables are always available for your use. If you have a spare lunchtime, why not join in and develop your reflexes.

## GERIATRICS

Don't despair, you're not forgotten. We have two first class pool tables available for your use, why not take advantage of them.

## FOOT NOTE!

How about all you "Fat Cats" joining in these morale raising "Fun and Fitness" activities.

J.P.H.

.....

## CRICKET

Natmap Allstars won the toss and elected to bat. McCostie and Hughes opened the bowling for the Bludgers with some well directed deliveries, and had Natmap reeling at 2/10. Grubb was found feeling outside the off stump for a tickle to slip with Jockey falling for the old trap back on his stumps to be LBW.

Crane, Stuchbery, McMaster and Grannon gradually brought the score along to 7/75 and still in trouble. Quinn joined William at the crease and the crowd was delighted with the run increase and brilliance of stroke play. Williams wristy play together with Quinn's complete mastery of the bowling took Natmap to a handsome 8/131. Turk joined Quinn, and the run rate increased until the completion of the innings with Natmap 9/168. Peter Quinn was not-out 64; a brilliant effort.

The Bludgers were in trouble early being 1/2, 2/29, 3/39 and 4/55 before JVD and Holmes took control. At 5/102 they looked dangerous, but some clever bowling by Crane caught Holmes galloping for a run that wasn't there to be run out with the score at 6/111. The tail failed to wag under pressure and the Bludgers were all out for 128.

Depth of batting, a concentrated medium pace attack and tight fielding from Natmap proved the key to success.

Bill Stuchbery  
Captain

PLAYED: Baxter Park 13.11.77  
UMPIRES: HOCKING & WISE (UNBIASED)

.....

Eight NATMAP golfers took part in the annual Surveyors golf day held this year at the Victoria golf course on 14th November last. Unfortunately there was some rain during the early holes and our scores suffered as a result - anyway that's our story!

35 Stableford points won on the day with John Davey Lands Dept. taking out the F.J. WALTERS CUP. NATMAP did share some of the minor trophies with Andrew Turk and Dave Hocking sharing the golf balls for the best score (19 points) on the back nine. Rod Menzies carried off the prize for "the golfer most likely to succeed". Well done Rod - see you next year.

It was a good day made more interesting since by watching the experts playing the Victorian course during the Colgate Champion of Champions contest last week. It is comforting in a way to see the champs also get into trouble - but not quite so often!

DRH

## DAVE HENDERSON

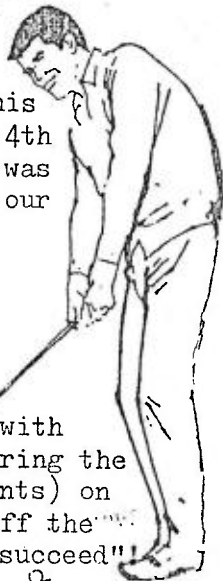
Dave Henderson is spending a few weeks with his parents at Tweed Heads getting some sun sand and surf on to his crook leg. It's unlikely that Dave will be back on the job before '78 - his friends at NATMAP wish him all the best for the festive season.

## T-SHIRTS

There are still 5 T-shirts available (sizes Ladies 16: 3 mens 14: 2 mens 16) they are only \$5.00 each..

## TABLE TENNIS TOURNAMENT

To be held early in new year, please enter now.



## MAP COMPLETION

Reg Helmore has once again flown north to Gods country and taken Ken (Shifty) Hayes with him. Their keenness to continue our Supplementary Photos was not held back at all. They arrived to find the Nomad with a new engine but no mechanic. After installation and testing they are now in Rockhampton awaiting fine weather. With clear skies they hope to finish before Christmas.

Miniveyor broke through the sound barrier to arrive with Bazza in time for the Allstars cricket match. They successfully completed the field inspection in record time. As soon as the single engine Cessna is available, Ian Shiel will field inspect the Bacchus Marsh sheet.

Noted section surveyor Drew Clarke has been observed spending his weekends at Phillip Island talking to the penguins (the Ranger is getting jealous). Drew and Bazza depart our shores with the Antarctic crew on Dec. 2. All the best boys for the summer?

Khoo is to show his skills at a Report Writing Course. There'll be no more argument over his T.A. claims now.

Vicki Charman and Graham Lawrence have been transferred into the section to brighten up the place. Our new hardworking TA1 is Dineka Pilon.

The old ESS troops and some ringins met with Bob Cross for an afternoon at the Sandy Hote. Interested people will be pleased to hear that Bob is as fit as ever.

## TRAINING

The Basic Report Writing course was held on the 3 days, Nov. 29 to Dec. 1. Thanks are due to the instructor Tony Zan from the training section Canberra.

A practical survey course was held for Peter James and "Bluey" MacGibbon during November. As a survey exercise they established a horizontal control point, NM/D/30 on the roof of Ellery House and will complete the job by levelling in to it from the nearest bench mark with an A.H.D. value.

## COASTAL PHOTOGRAPHY

Unfortunately, it appears, coastal photography is coming to an end. In two short seasons the section flew photography from Geraldton to Darwin with the exception of the Kimberley region. Many offshore features such as Ashmore and Scott Reef were also flown for mean low and mean high water.

Water heights with respect to MLW and MHW have been calculated for all of the photography. An investigation has been completed to ascertain where the coastline has changed, and we are hoping to have the annotation for these areas completed to the "shelf stage" in the event of the section recommencing.

In this new field all concerned found the work interesting and rewarding. The fishing was good too!

\* \* \* \* \*

## HIGH ALTITUDE PHOTOGRAPHY

During the ten week contract period the equivalent of 50 X 1:250,000 map sheets (approx. 270,000 sq. miles) was photographed. All allocated areas were completed with the exception of half of block 23.

All personnel are now back and are delirious about the prospect of months of office work after being based in Kalgoorlie, Broome, Alice Springs and Kununurra.

A very enjoyable and productive time was had by all despite the fact that all members of the party were at different times infected with coughs, sore throats, itches and chronic lack of sleep.

## 3RD FLOOR NOTES

In another month of feverish activity control for Block 37 was released and action on Blocks 23, 38, 42, 43 and 44 commenced.

Tubbs, Linda and Andrew Turk are on leave, whilst Ron Wilson and Grrrum are relieving in another place and the scarlet pimpernels are busy helping out in various quarters. To offset these extra curricula activities we are pleased to have the services of one "outsider", Len Bentley. Welcome to the elite, Len.

\* \* \* \* \*



ONE OF THE MANY JOYS OF FIELD SERVICE WITH T.S.B.

# ' Control Course

Management will no doubt be pleased to hear another alock of 5 day wonders have been released to terrorise the inmates of Ellery. The third and final course titled 'Work Control and Review' was completed on 28 October in the Commonwealth Centre and organised by D. Hinton.

In it a good look was taken at various aspects of the subject such as planning, controlling, performance, process and analyzer's charts etc. Several training films were also used so that post mortems could be conducted into what went wrong and how to improve the situation.

The last afternoon in Melbourne included two interesting sessions by P.S.I. officers on work utilisation, review teams and bulk establishment classifications which gave us a valuable insight into the real power source and current trends. The word is that there will be no foreseeable change in ceiling levels, functions will not be cut and therefore the P.S. will be looking to becoming more efficient just as private industry. Public Servants are tired of being knocked and there is no real reason why we cannot be more efficient. These courses will only be of real value if everybody including management is progressively put through similar training.

The stayers were: K. Moody, L. Derkacz, T. Zentai, R. Turner, D. Young, R. Maruff, M. Biddle, B. Goldsworthy, J. Ely and K. Sargeant, some of whom were carried off that Friday minus hair and fingernails.

## RUMOURS ..

The dissemination of the majority of information throughout Ellery House, unfortunately, is still by rumour and heresay.

It is realised that every work cannot, and indeed, should not be reiterated, and also that this newsletter has contained much information concerning the Division's future.

However, between talks and newsletters, events do occur that the staff would like to be told of directly without embellishment of the grapevine.

In this regard, a short statement circulated after meetings and conferences, where our future is involved would dispel rumours and remove any doubts from our minds.



.... That Peter James finds theodolite work much easier after lunch (by looking through the big end).

.... That the High Altitude party have almost recovered from their ills.

.... That the ceiling has been raised 18" above the storage cabinets on the third floor.

.... That everybody is invited to race slot cars in the conference room.

.... That Bob Goldsworthy will be conducting abseiling lessons off the eastern wall.

.... That H4 has a long leather whip but he hasn't cracked it yet.

.... That due to the jungle in Bear's backyard, Natmap will use it for traversing practice.

.... That laser are now sure they have 1188 shoe boxes.

.... That Mr Ford and the training section will soon know where Natmap Dandenong is.

.... That during identity card photos, the little fella had to stand on the chair when the photographer ran out of camera adjustment.

.... That H4 is wearing out the seat in the fish bowl.

.... That there is no room for the corpse next to the skeleton in the cupboard.

.... That Sir Robert and policy manager have been on overtime - must be a great policy speech.

.... That the fire drill is alive and well and living in a pigeon-hole on the 5th floor.

.... That the Leyland Brothers have de-hired their Land-Rovers and now use Kombies.

.... That Khoo finds it evern easier to pot the black on the new tables.

.... That the fairer sex has been sighted at the pool tables - practising for a challenge?

.... That a certain jet set tennis player has a service wind up to rival John Newcombe.

.... That the only production graph worth boasting about is the one showing pool table reverence.

.... That there are no tree ferns in Antarctica.

.... That BAZZA will be borrowing B. Goldie's Barbidoll.

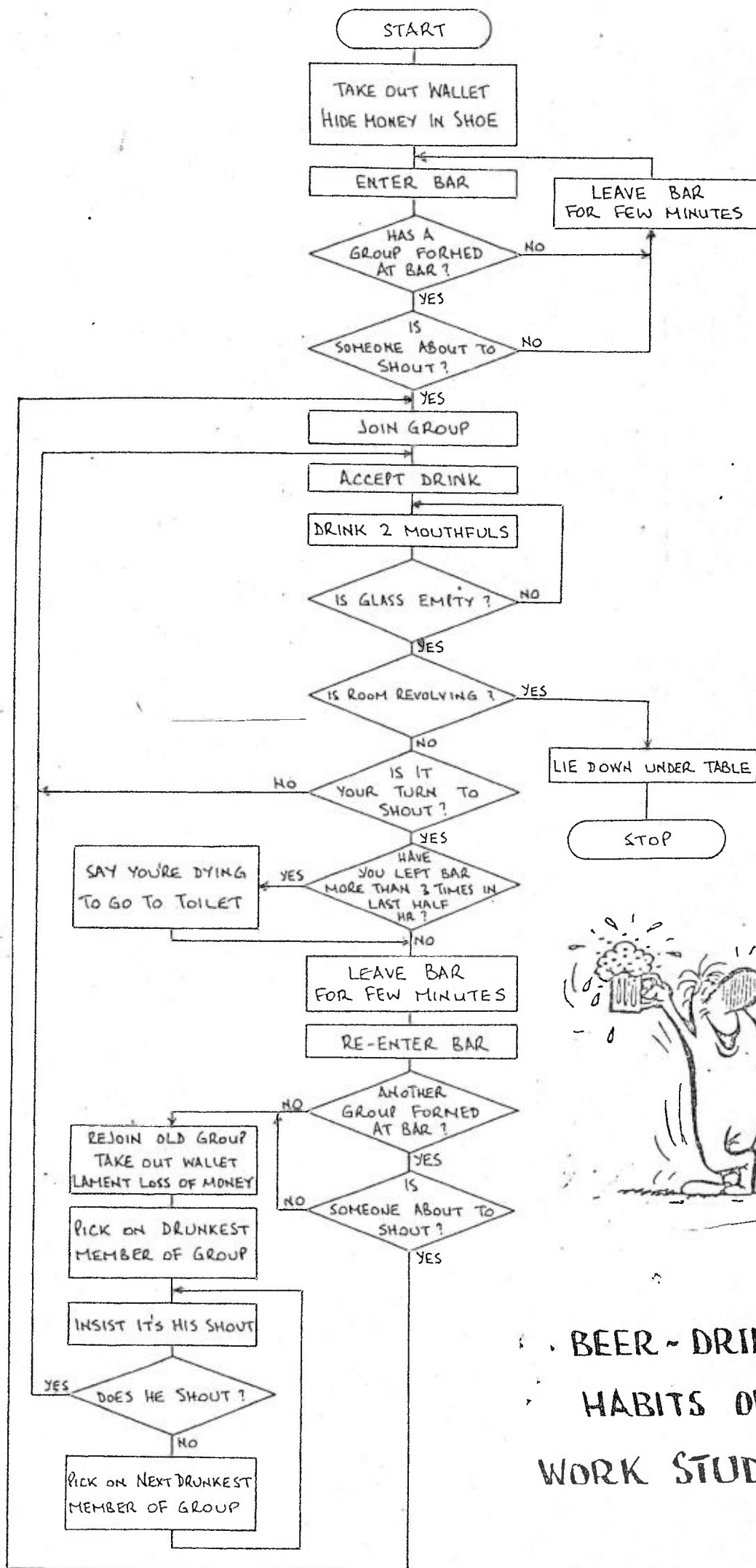
.... That the white Passat driver has just obtained his C.A.M.S. licence and can leave work on time.

.... That there is a P76 disguised as a Nomad flying around Queensland.

.... That the binoculars on the 7th floor are getting excessive use since Ann and Alma have taken up tennis.

.... Speed is being "white anted".





BEER - DRINKING  
HABITS OF A  
WORK STUDY MAN

# KITCHEN CORNER

RECIPE OF THE MONTH - by SASHA

## BEEF TERIYAKI FROM JAPAN

Serves 4

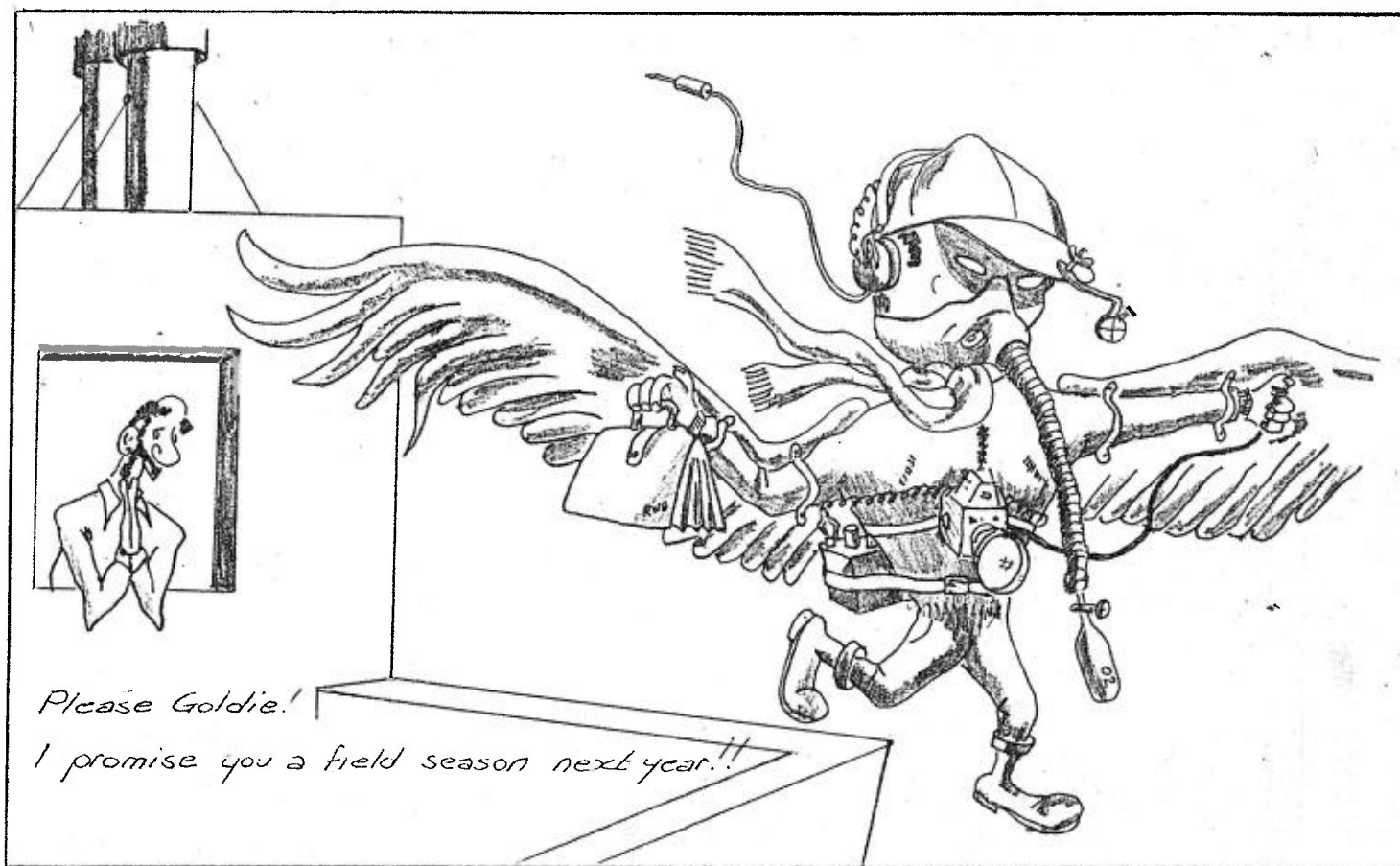
### Ingredients:

1½ lbs fillet steak  
¼ clove garlic  
1 teaspoon grated ginger  
2 tablespoons sherry  
½ cup soy sauce  
½ teaspoon sesame oil  
1 tablespoon sugar  
2 teaspoons cornflour  
oil for frying

### Method:

Cut fillet into thin steaks. Mix all ingredients except cornflour and marinate the meat overnight. Before cooking drain off the marinate. Mix cornflour with 2 tablespoons of the marinate and 2 tablespoons of water to a smooth paste. Bring remaining mixture to the boil, add the blended cornflour paste and cook, stirring well, until clear and thickened.

Fry slices of steak for a few minutes on each side in a little oil. Pour a spoonful of the glaze on each slice. Serve with boiled white rice.



## Christmas Message

Since the formation of our Social Club and Newsletter we have gone from strength to strength. Because of the excellent facilities and organisation the social and sporting events have been highly successful.

We only hope that the next 12 months will be as progressive as the last, but this can only be accomplished by the co-operation of all staff in supporting and assisting future events.

On behalf of the Social Club Committee and Newsletter staff, I would like to thank everyone concerned who helped us in our activities over the past 12 months.

Happy Christmas to you all, and our good wishes for a prosperous New Year.

GRAEME BARWISE

### "XMAS PARTY"

**FROM 1-00 P.M. THURS. 22 ND.**  
**7TH. FLOOR — ELLERY HOUSE**

**\$2-00 ——— Members**  
**\$3-00 ——— Visitors**  
**\$1-00 ——— After 3-00 pm**

# Social Notes

GRUBB

The Social Club's last venture for the year is the raffle of a Christmas Hamper, at the Xmas Party Thursday 22nd December.

Its contents are as follows:

- 1 x 7.85 Kg HAM
- 1 x No 16 CHICKEN
- 1 TIN SHORTBREAD
- 1 TIN PEANUTS
- 1 TIN CASHEWS
- 1 GLACE FRUIT
- 1 MAGNUM GREAT WESTERN CHAMPAGNE
- 1 ORLANDA TAWNY PORT
- 1 KAISER STUHL MOSELLE
- 1 BOX MACADONIA NUTS
- 1 BOX MINCE PIES
- 1 BOX AFTER DINNER MINTS
- $\frac{1}{2}$  DOZ BOTTLES BEER
- 1 CHRISTMAS CAKE
- 1 CHRISTMAS PUDDING

The value of the hamper is approximately \$60.00 and tickets are \$1.00 each and are now being sold.

Admission fee for the Christmas Party will be collected at the door.

Hayden "Jockey" Reynolds, one of Natmap's drinking stalwarts will be missing from the Christmas Party as he will be hospitalised.

All Natmappers wish Jockey a speedy recovery so that he can continue with his Christmas festivities.

Also, Congratulations to Wendy who will soon become of Age.

NATMAP ALL STARS  
CELEBRATING  
THEIR VICTORY  
OVER BOURKE ST.  
BLUDGERS -  
13.11.77



president  
elect

# SPEAKS!

As this is the first issue for 1978 it is appropriate to reflect on the major changes that occurred to our working lives in 1977.

The Rialto-Ellery House moves and the staff reorganisation were the most significant.

The social club committee has played a role in easing us through this transition period with frequent social activities.

The difficulty facing the new committee is to hold the interest of staff. We hope to do this with your support.

C.G. MCMASTER

## *Cider & Sausages*

**FRIDAY      3rd.      MARCH      4-30 p.m.**

Financial Members	FREE
Non Members	\$2.00
Children	FREE

«Everyone Welcome \_\_\_\_\_»



# social club

# Sarge

## GENERAL MEETING

At an afterwork meeting, 15 Feb, the following people were elected to the Natmap Social Club Committee:

Carl McMaster (President)  
John Manning (Vice President)  
Kalen Sargeant (Secretary)  
Graham Barwise (Treasurer)  
Rod Menzies  
Pam Hill  
Vicki Charman

Ken Hayes

## SOCIAL COMMITTEE MEETING

The Social Committee held its first meeting on Wednesday, 1st March and formulated this years program:

Such activities as Novelty Friday Nites, Sunday Sports (maybe tennis) Theatre Parties and Dinner Dances are being arranged.

## ITINERARY SO FAR

March 3rd (Fri.) Cider & Sausages  
March 31st (Fri.) Mini Golf Comp.  
June 3rd or 24th Dinner Dance

## PLUNKETT STREET

Anyone interested in a lunchtime visit to the infamous "Plunkett Street", see AMAT Ext. 235.

## SUBSCRIPTIONS

This years subs are now due. The sooner these are paid the sooner we can get our planned functions under-way.

The Thursday before the "Cider & Sausage" night is a payday and this would be a good opportunity to pay your \$5.00 to Grubb, Pam Hill or Kalen.

For those who are unaware, your \$5.00 helps your pocket should you attend any of the functions we may be holding during the year. It is hoped to make as many of these proposed functions "FREE" to financial members, but where it is not possible, a nominal sum may be charged for non-members.

Remember children are admitted "FREE" to most of these turns. Ideas and plans of the "New Blood" of the committee are already appearing quite promising, and we hope to give you more than your moneys worth of activities and functions.

Please endeavour to wholly support these new members by attending as many functions as possible to reward their hard efforts and good work.

## CIDER & SAUSAGE

This should be a very successful evening and we hope to see you all there.

The roof will be the location of the sizzling sausages (weather permitting) provided by the club. All you need bring is yourselves and your children.

If cider isn't your poison, we do have a little "pale ale" for those hardened beer drinkers. (You too Terry)

Children are admitted free and non-members and friends are most welcome. Do come along and make this a successful first event of the year under our new President.

To add to this, Joe McRae from the first floor is departing for the mother land on the 5th March and this would be a good opportunity for a farewell drink with Joe.

## PAST EVENTS

The first being the Xmas party with all those attending having a really good time. Special thanks to the Director for supplying the champagne.

It was good to see the likes of ex-Nat Mappers, Karen Edwards, Noelene Burgess and Apostolas Anignostou attending and enjoying themselves.

The second turn was the flash pool tournament with Terry Larkin, as well as partnering Ian Graham to victory, was last seen engrossed in "lively" conversation with S.L.K.

# » Admin Ads «

Wednesday the 15th saw, the farewell of Bill Nagel who, with Jeff Toll have headed for the Western Australia Institute of Technology. Also on the 15th John Olle departed to do a computer course at Caulfield Institute of Technology.

Big Al has now found a permanent home at the Ammunition Factory at Footscray.

Sam Rizzo has commenced at the Government Aircraft Factory in Port Melbourne, to try and find out how to keep the Nomad flying.

"Hack" Hardie has departed to a farm in beautiful Kin-Kin in sunny QLD, with the vicious rumour that he has recruited a couple of distinguished Nat Mappers to work with him.

Blythe Osbourne departed on Wednesday the 15th, for a nine month overseas trip to Europe and America. The travel has also bitten Joe McRae. He is off overseas on March 5th, and rumour has it that Killer Kearns plans to meet him in a pub in London.

New to the Nat Map scene is Peter Hall on the first floor. Peter comes to us from the Department of Transport and we wish him a most successful career with Nat Map.

## STAFF-TRAINING

The Staff Counselling Course run by the Department Training Section was held between Wednesday 8th February and Friday 10th February. Our thanks to Alex Box and Vaughan Duggan for an interesting and instructive course.

Other training courses currently due to get under way and for which all necessary approval has been obtained are unfortunately held up for financial reasons.

The courses are:-

Photogrammetry 2H

Refresher Course in Photogrammetry

(Both above to be run by RMIT personnel)

Audio - visual Course in Minicomputers

First Aid Course

Basic Fortran Course

As soon as some concrete information is available about any or all of the above courses, such information will be passed on to you.

## FOR SALE

### "SUPER PLUS"

is a concentrate soap powder.

You only need  $\frac{1}{4}$  to  $\frac{1}{2}$  a cup full per wash.

GUARANTEED to remove stains from nappies \$1.00 for 1.5kg. (only available in this size and only available once a year)

ALL ORDERS AND MONEY IN BY 12 NOON TUESDAY 7th MARCH. SEE GRAIG OR WENDY

ALL PROCEEDS TO CHARITY.

.....

NATMAP "ALL STARS" T - SHIRTS  
FOR ORDERS SEE GRUBB

.....

Enamelling Kiln, fires to 1100<sup>00</sup> new element \$40

Portable record player good for kids \$10

Kids high chair "Steelcraft" VGC \$15  
Baby's carry basket with liner and mattress \$12

Kids 2 wheeler for 2 - 4 year old \$8

Double sided desk with seats

2 - 10 year old \$20

Speaker boxes 2 "slimlines" for 8 inch speakers \$10

SEE LEON 234

.....

## WANTED

Broken washing machine, motor mowers radios etc that were to go to tip I'll pick them up anywhere

SEE LEON 234

.....

## SPECIAL THANKS

We would like to give Marie a special thanks for all the typing she has done in the absence of our two typist, it was greatly appreciated by all.

## STAFF INTERCHANGES WITH OTHER ORGANIZATIONS

The Division has adopted the policy of interchanging officers with other mapping organizations to further the development of individual officers and also to cross fertilize the organization. We have recently reached agreement with Army on interchange and other National Mapping Council members have also indicated their interest in such a scheme.

This scheme would work through the attachment of an officer to the host organization where he will become a full working member of a team engaged upon an activity in which his home organization has an interest and a wish to develop. I think it is important that the attached officer make a worthwhile working contribution to the host organization's activities.

The advantages of this approach compared to the teaching/learning approach are twofold. Firstly the host organization benefits through an extra person available for a work team; quite opposite to the situation where they have to pull people out of production to teach. For the guest organization the big advantage is that the attached officer gets to really understand the area in which he is working and actually produces results in a field which his organization wants to open up.

To make this work, it will be necessary for the attached officer to have a basic grounding in the field at the outset and to make the periods of attachments long enough to develop in the area of his work.

Branch Heads have recently been looking at areas in which we could profitably operate interchanges and a number immediately present themselves, with the most pressing being Automap. We think there is also a good deal of value in interchange of draftsmen from the Series Mapping Branch with Technical Officers from Map Completion Section as these two fields are so closely interrelated.

We think that Army is interested in attaching people to our Laser Profiling Operations and we have had people from State Mapping Agencies accompany our Field Map Completion Operations. We think that this could profitably be extended into the attachment of State people to the Map Completion Operation to work right across the board.

Army have recently taken our OPM material in the Quilpie, Charleville and Gympie areas and produced excellent line enhanced OPMS for operations there. We would both profit by an interchange of staff engaged on this job and we will look to getting someone with their Field Survey Squadron doing the next block of work of this type.

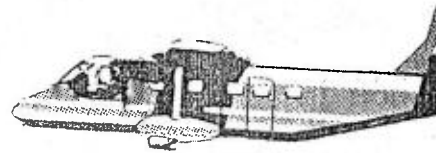
Back in November we also negotiated an agreement with the Australian Survey Office to allow the attachment of Class 1 Surveyors from here to that organization to obtain their License if they wish.

We will shortly be calling for volunteers to undertake interchanges.

Syd Kirkby.



# Field notes



## MAP COMPLETION

During the time from the last "Natmap News" the map Completion Section has seen various movements. Terry Larkin started his two months furlough and left us in the capable hands of Des Young. With Des in Terry's shoes the section completed 86 sheets for the year. After that effort Des has returned to his corner retreat. Terry's return was short, as through the merry-go-round, Rod Maruff took over the reins.

Harry 4 has become a new man, but the section has lost Graham Lawrence and Shifty Hayes. Vicki leaves to brighten up the 1st floor for only 3 weeks, we hope. Geoff Toll departed for the west, his own field trip to attend W.A.I.T.

Field work has been abundant, lets hope that this will continue. Miniveyor and Allan Denham spent a fortnight in the hills around Warburton looking for good spots to hide a JMR. Darryl should begin the JMR survey next month.

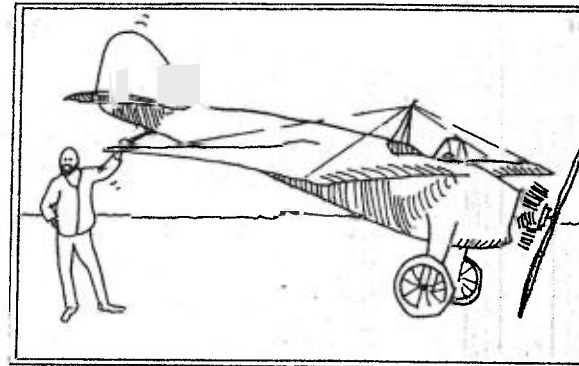
The mighty Nomad has been showing its strength H4 and Grooom used it for field inspection of Swan Hill area. Khoo and Peter Blake began supplementary photography and regular oil tank maintenance over the Nullabor and Victoria. The Nomad was used as a troop carrier for aerial inspection, when various people had some on-the-job training. Bruce O'Connor back from furlough is now doing supp. photo. with Eddie Burke and Peter over Westernport and Corryong (Mt. Kosciusko area).

Allan Denham has returned from his holiday cruise of the South Pacific. The rumours about these cruises are true he reports (beer 30c a can) ??

## SURVEY BRANCH

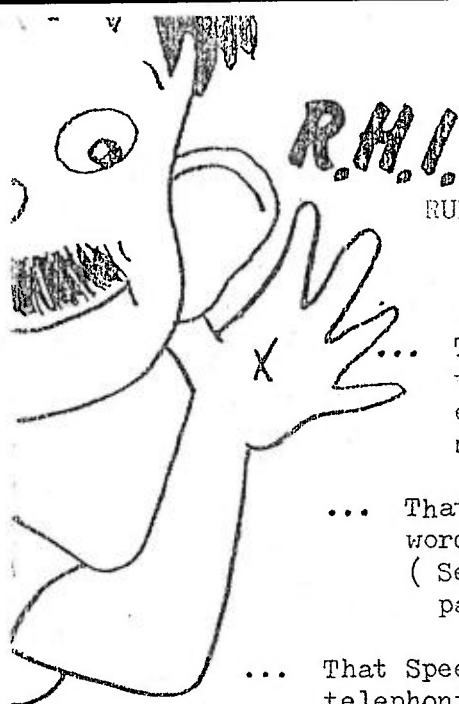
Eight men and four trucks under the command of Bill Stuchbe undertook five days rapid leveling over the Wangaratta Test Ran last week. Although the days were long and hot everybody seemed elated with their short 'field season'. The results were just a satisfying. Laser is tooling up for an expected May start to this year's program.

There are also a few "short" field trips planned to various parts of Western Australia but these are dependent on sufficient finances being available.



The Cessna will be more manoeuvrable than the Nomad.

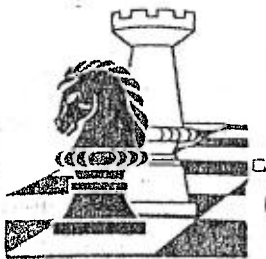
The objective of all dedicated Field Party Leaders should be thoroughly analyse all situations anticipate all problems prior to their occurrence, have answers for these problems and move swiftly to solve these problems when called upon. However, when you are up to your arse in alligators, it is difficult to remind yourself that your initial objective was to drain the swamp.



RUNCUR OF THE MONTH:- That Bob Smith's travelling traverse went through several Winery's

- ... That John Allen is still the twinkle of Sarge's eyes after the cardiac massage course.
- ... That S.L.K.'s latest watchword is "Pant Pant PANT" ( See phantom Comic No. 625 page 17 )
- ... That Speed is taking over the telephonist's job.
- ... That there is a Metho drinker in Admin.
- ... That O.J. said to A.J " If the coat fits wear it. "
- ... That Ron Wilson won't be rotated but his plants will.
- ... That John Hardie is having trouble replacing his dead carpet snake so Leon Lascelles is about to go north and take charge.
- ... That John Manning conducts many games on his new chess board - we're all awaiting for checkmate.
- ... That Pete Harrup may get a field trip thisyear.
- ... That those on the Staff Counselling Course are thinking of joining Actors Equity.
- ... That OJB won't let Rod Menzies do the Wangaratta levelling because he thought a two faced staff was someone who needed counselling.
- ... That John Ely is going for his Chapliancy Certificate.
- ... That Dominic Yau has a personal problem.
- ... That Joe has been told to bring his own bat.
- .. That a Social Club member has been declared too social by his spouse.
- ... That Dineke went home early from the cricket because she was distressed by the heat.
- ... That a certain female employee of Natmap was treated for a Cardiac arrest last Thursday afternoon despite her instistan that she was O.K.
- ... That the JMR fix job now involves 132 men and 17 vehicles.
- ... That Grooom has been put on the dry since he joined Analytical.
- ... That Pete Harrup has this thing on rubber mannikins.
- ... That Natmap is moving to Kih K:
- ... That the lemon has turned to L:
- ... That there is a broken seat in the Ladies Loo.
- ... That "Blue" is not going to be a father after the cricket match.
- ... That Peter Packer was not at the cricket.
- ... That Selby kid sometimes has a second chance at the putting green particularly if its dark.
- ... That somebody is buying "Gringo" a new watch.
- ... That TAL and Sarge are getting along well together.
- ... That Wendy should stick to answering the switchboard and leave the typing to someone who has more than two fingers .
- ... That the phantom cup sticker has struck again!! Latest victim is OJB's 1 day old masterpiece.
- ... That the Selby kid recommends the red head at Plunketts.





## en passant

### SOLUTION TO PUZZLE NO. 5

Anyone smart enough to still remember Puzzle No. 5 doesn't need a solution!

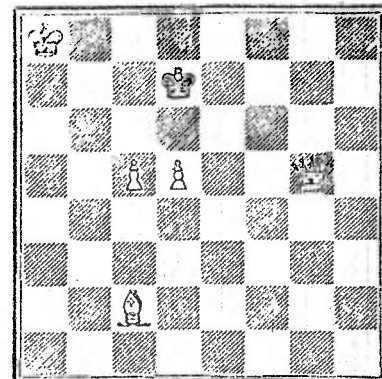
The key move is Q to R-1 which appears slightly puzzling in that it opens up a new line of deployment for the B.K, i.e. the seventh rank. W. is threatening to move the Q next to K-1 which would be Mate, unless something is done meanwhile. As no piece can interpose on this mating threat, a move of the K is necessary.

It doesn't do much good however. If the K goes to K-5, then Q to Q-4 is mate and if the K goes anywhere else R to Kn-2 is mate.

### PUZZLE NO. 6

Puzzle No. 6 is on the waiting theme and allows a good number of possibilities for B. before the eventual mate.

One thing the chess instruction books never get around to teaching us is how to kick over the table without appearing deliberate when in these sorts of situations.



## SPORTING

## ROUNDUP

Friday the 16th of February saw the exodus for Corowa of various Dandenong personnel determined to enjoy themselves in company with their counterparts from the ACT.

The range of activities was broad ranging from arm wrestling through golfing to elbow bending, ( very popular).

The scorebook disappeared but the " ALL STARS" indisputably won the very informal cricket match on the Sunday.

The weekend was judged a great success with about 30 participants including families from each office, and it is hoped to make it an annual event.

On Sunday the 26th the "All Stars" maintained their unbeaten record this season by defeating a Social Security team with 4 overthrows on the last ball.

Bill Stuch. and Ross Grimett laid a solid foundation to the innings but "Bendy Bob" (Smith) was the backbone of the team in the run making department and also with clever bowling to a leg-trap field.

Players and supporters voted the day a complete sporting and social success.

# C COMPUTER APERS

By PDP



Privacy Law Reform, where are you? The other day a friend unwrapped a piece of office equipment which had been purchased from a well-known department store. The article sat comfortably in its box surrounded by a computer printout. The printout had, of course, been shredded, but it had been shredded in such a way that each piece of "shred" contained an account number, a name and an address!

A marvellous calendar produced by Group Computer Services Pty. Ltd. shows a drawing of a computer by an 11 year old lad and a description of what he thinks a computer is. It starts "My computer is a kind of maze, it is worked by a number of bugs" — Out of the mouths of babes!

## Computer Graphics

If you are interested in computer graphics why not go along to the next meeting of the Computer Graphics Development Group?

Everyone is welcome and you can participate in an active, interested group of people who aim to share information and solve members problems concerning computer graphics — the input, processing and output of two or three dimensional numerical data.

Applications are found in engineering, map-production, electronics, civil engineering, mining, numerical control and many others.

For further information about the Computer Graphics Development Group, phone —

Trevor Heine (Chairman)  
689 2111 (Ansett Transport Industries)

Bill Wilson (Secretary)  
651 2868 (Crown Lands Department)