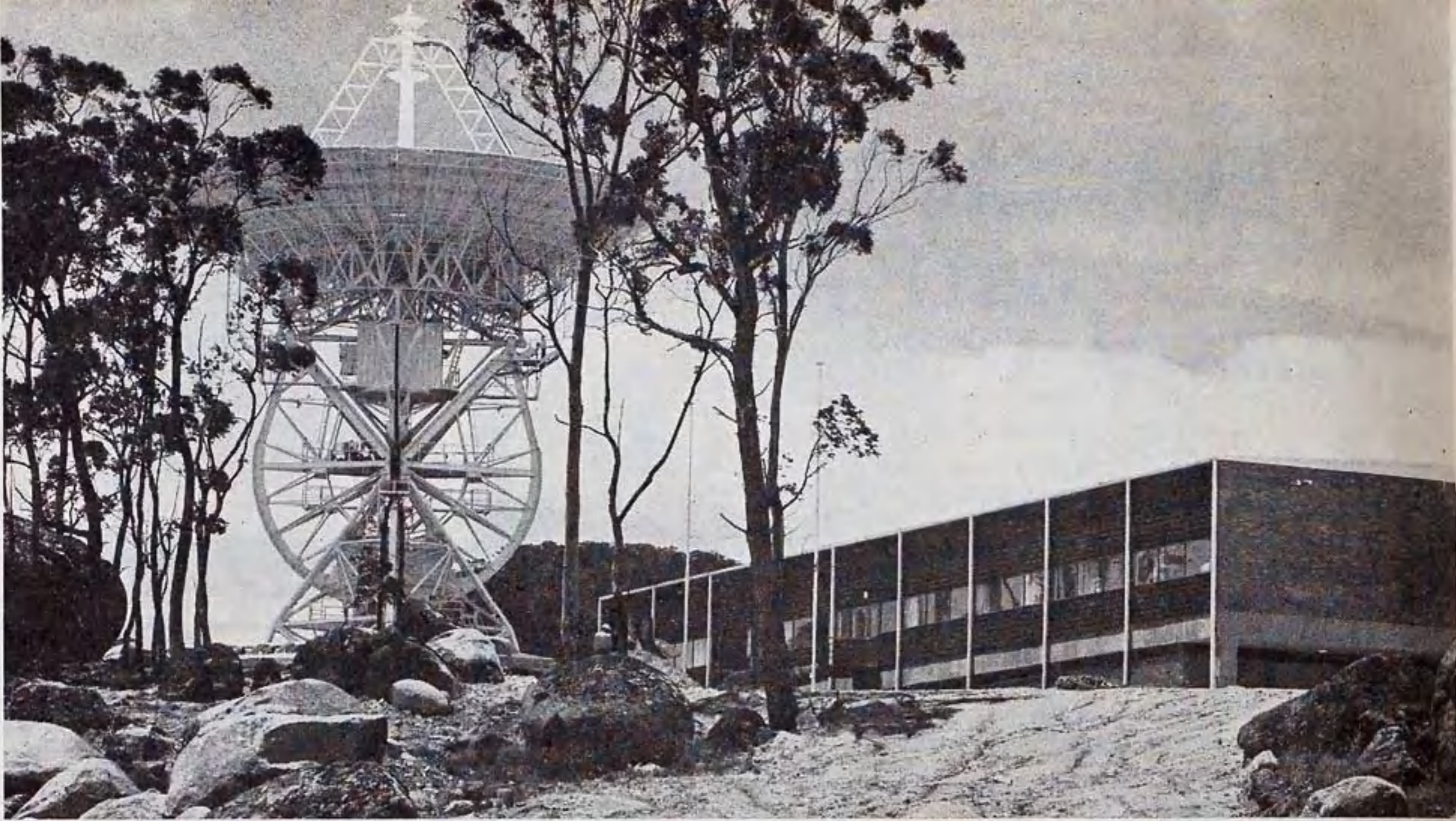


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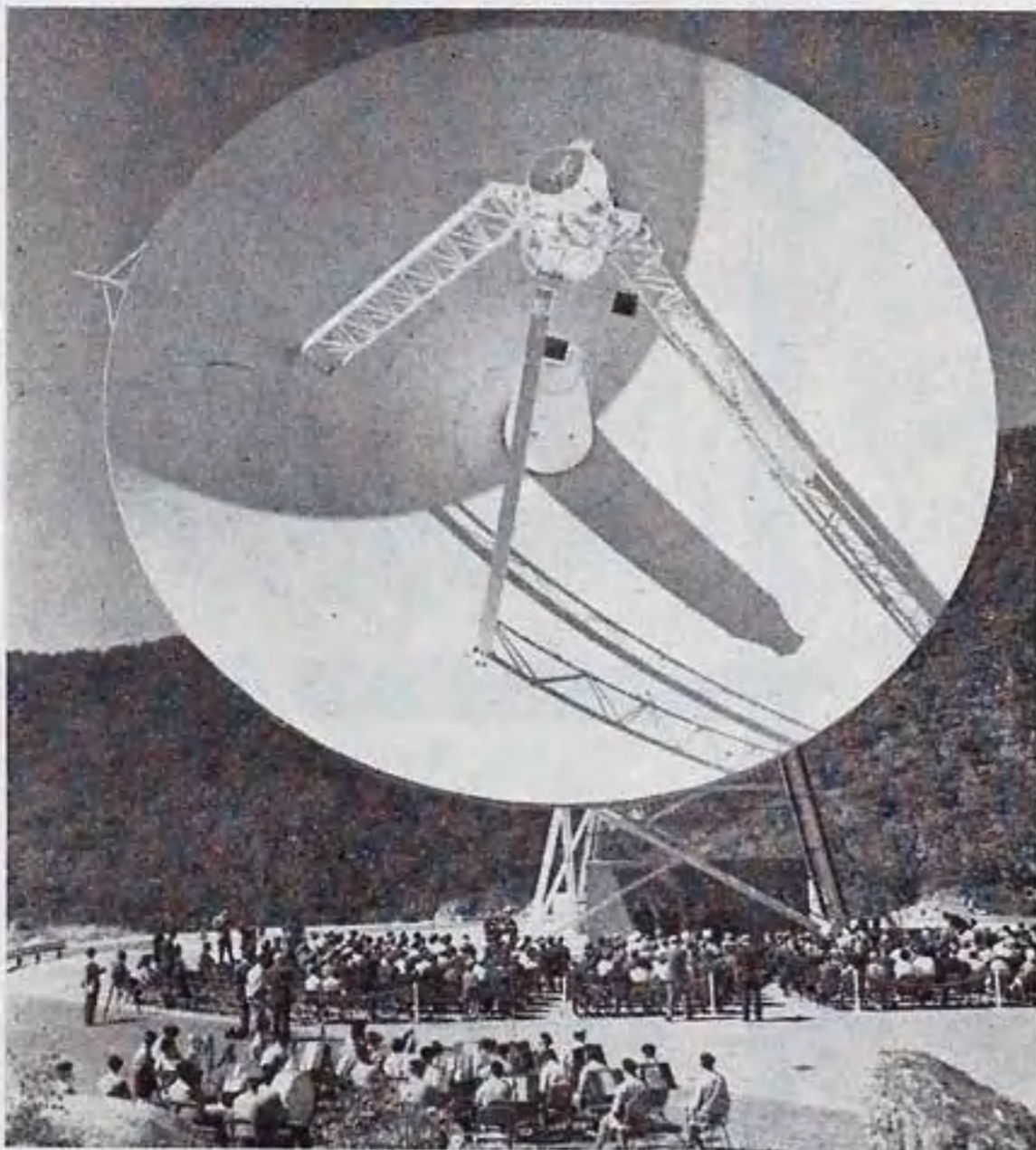
VOLUME 1, NO. 5—JUNE, 1967



**DEDICATION
HONEYSUCKLE
CREEK
TRACKING STATION**



DEDICATION OF HONEYSUCKLE CREEK STATION



● View of the opening ceremony with Dunroon Band in the foreground.



● Dr. Seamans presents Mr. Holt with an Apollo model. Seated are (from left): Mr. Ed. Buckley; our Secretary, Mr. Alan Cooley; the managing director of STC, Sir Samuel Jones. Obscured behind Dr. Seamans is our Minister, Senator Denham Henty.



● FAR LEFT: Honeyuckle's "big dish" and operations building. LEFT: Dr. Seamans and the PM inspect the Gemini-10 spacecraft which made its Australian "debut" at the opening.

Australia's latest space-tracking station, at Honeyuckle Creek, near Canberra, was officially opened on March 17 by the Prime Minister, Mr. Harold Holt. Prominent U.S. space research officials attended the opening of the \$11m. station.

They were Dr. Robert Seamans Jr., NASA's Deputy Administrator, and Mr. Edmond C. Buckley, NASA's Associate Administrator for Tracking and Data Acquisition.

Also present were Dr. Christopher C. Kraft Jr., Flight Operations Director, Manned Spacecraft Centre, Houston, Texas, and Mr. Tecwyn Roberts, Chief, Manned Flight Operations Division, Goddard Space Flight Centre, Greenbelt, Maryland.

About 300 guests, including leading representatives from industry

and senior Supply officers, attended the opening which was a happy occasion.

Messages of goodwill were relayed from tracking stations at Goldstone (U.S.), Robledo (Spain) and Carnarvon, and from the Manned Spacecraft Centre and Goddard Space Flight Centre.

A surprise relay message came from the Vice-President of the U.S., Mr. Hubert Humphrey.

Mr. Holt said the construction of the station was another welcome illustration of the

friendly and mutually helpful teamwork between the U.S. and Australia.

After the opening, there was a guided tour of the station.

Despite the pleas of Mrs. Holt: "Don't let him touch it — he'll wreck it for you", the PM was allowed to move the "big dish" through its paces.

"It's easier than balancing the Budget", Mr. Holt quipped to the former Secretary of the Treasury, Sir Ronald Wilson, who was standing behind him.

Later the Prime Minister spoke with the American Vice-President by Compac cable from Honeyuckle Creek.

The day after the opening was an open day at the station which attracted several hundred visitors from Canberra and surroundings.

By the end of this year, NASA will have spent more than \$100m. on its six tracking stations in Australia — \$52m. for equipment, \$37m. for operations and \$12m. for buildings, communications and roads.

The cost of operating the six stations currently is about \$12.5m. a year.

Honeyuckle Creek will support America's lunar space flight program known as Project Apollo.

Apollo aims at landing — by 1970 — two astronauts on the moon in the lunar excursion module (section) while a third astronaut orbits the moon in the command module, awaiting their return.

Honeyuckle Creek is part of the world-wide manned space flight network (MSFN) managed by NASA's Goddard Space Flight Centre.

DEDICATION HONEYSUCKLE CREEK STATION



Apollo unified S-band tracking station network

The near-earth phase of the Apollo missions will be covered by existing MSFN stations, including the one at Carnarvon (WA).

Honeysuckle Creek and new stations at Goldstone and Robledo are the prime Apollo stations.

Equipped with 85-ft.-diameter antennas, they will track and communicate with the Apollo spacecraft during the lunar orbits, landing and return, involving distances of more than 250,000 miles.

Extensions will enable the Deep Space Station at Tidbinhilla, 14 miles away, to share the Apollo task with Honeysuckle Creek.

Each station can simultaneously track and communicate with the two modules of the Apollo vehicle in the lunar phase, when the lunar excursion module separates from the command - and - service module.

Alternatively each station can concentrate separately on one of the modules, if necessary.

Standard Telephone and Cables Pty. Ltd., as contractor to Supply, provides the maintenance and operations services at Honeysuckle Creek.

About 80 professional, technical and administrative people will be engaged on this task, under the Station Director, Mr. Brian Lowe, who came from WRE.



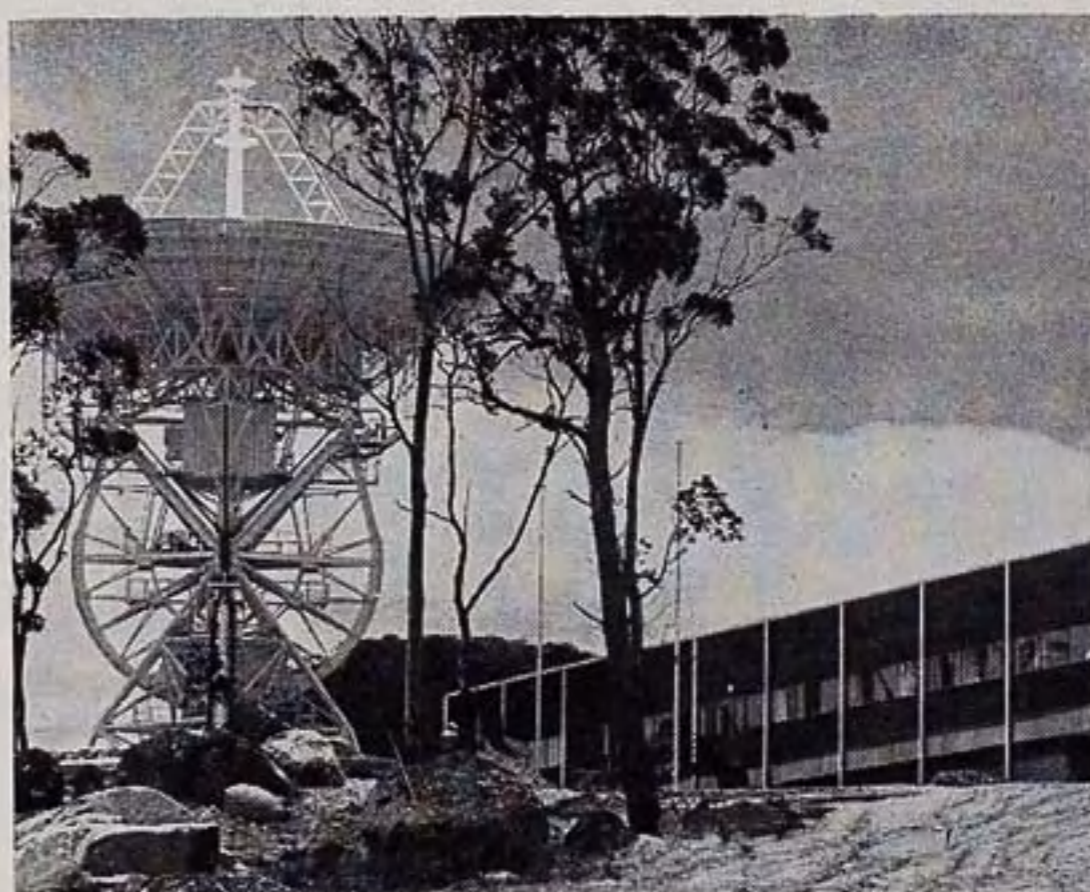
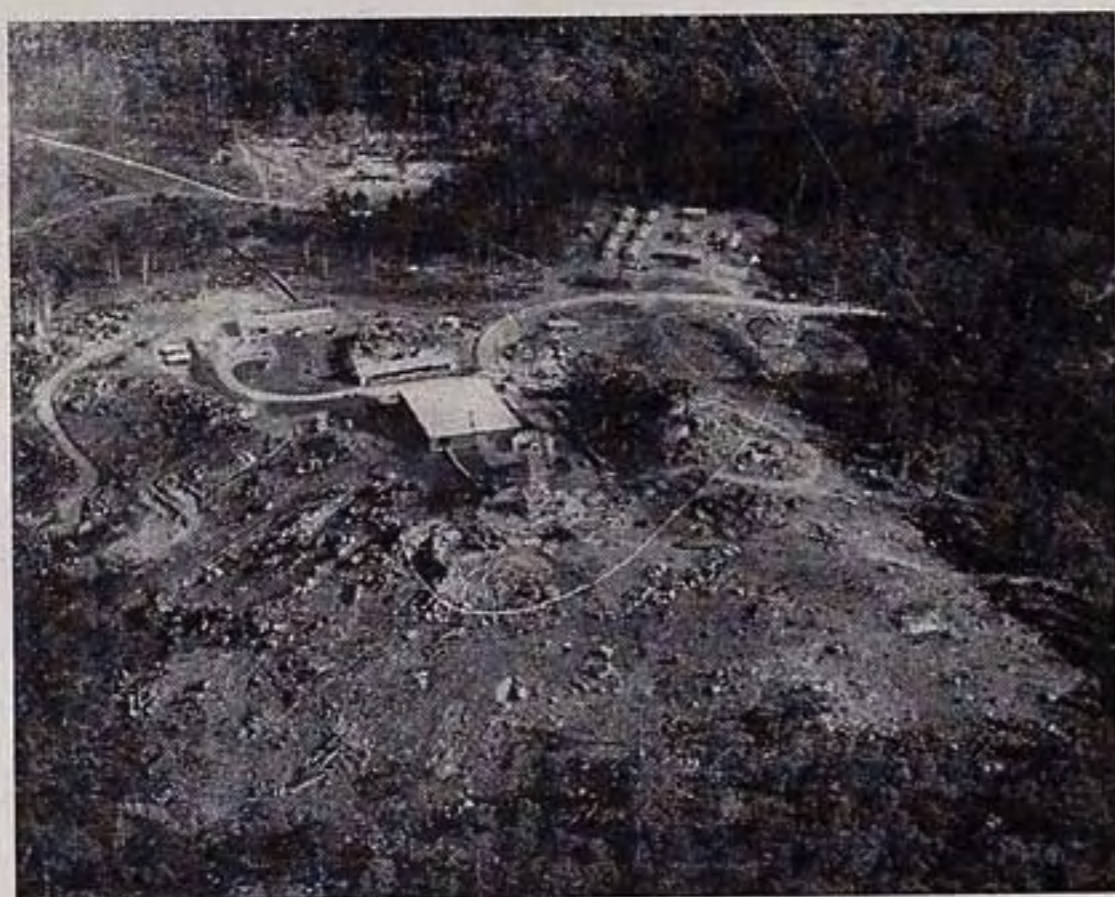
"Hands Across The Sea" — the Australian-American naval guard of honor with the unveiled plaque.

*The three stages of
Honeysuckle Creek*



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RECENTLY the Secretary announced that when the approved new organisation for Supply becomes effective in July, Lloyd Farrester Bott, First Assistant Secretary (Finance and Contracts), will become Deputy Secretary on the administrative/finance side of the Department.

It is a long call from the position of paymaster to that of Deputy Secretary of a department.

When Mr. Bott joined Munitions, in 1939, he was the headquarters paymaster in the Finance Branch.

The paymaster of 1939 was to be the Assistant Secretary (Finance) in 1954, but much was to be crowded into the intervening years.

Mr. Bott joined the Navy in November, 1941, and was commissioned in Britain.

Mr. Bott (left) is pictured with American astronaut Col. Frank Borman, who spent 14 days in space in Gemini VII.

the Distinguished Service Cross for his part in these hazardous operations.

During subsequent visits to France, he revisited some of the old landing areas with the leaders of the underground with whom he was in contact on the beach, and saw the monument erected on the Brittany coast for his gunboat flotilla.

He returned to our Department in 1946 and found himself involved in the tremendous task of disposing of surplus defence supplies and completing his studies for the Bachelor of Com-



Mr. Lloyd Bott — Deputy Secretary

He served in and commanded motor gunboats operating around the English Channel and the North Sea.

An important part of this work was contact before D-Day with the resistance movement along the coast of France.

Many landings were made for exchange of information, to land or pick up agents and to embark Allied airmen and others rescued by the movement.

Mr. Bott was awarded

merce degree at the Melbourne University.

In 1949 Mr. Bott was sent overseas for a year of special training in Britain, with particular emphasis on finance and administrative matters.

He returned to the Finance Branch to work again under the leadership of Mr. J. F. Bradburn.

When Mr. Bott talks about his career, he always pays tribute to personalities and work of such men as Sir John Jensen, the late Mr. H.

P. Breen, the late Mr. C. J. W. Gillan and Mr. Bradburn, who played such a vital part in the Department in the 1940s.

Their example, guidance and training still have their impact in Supply today.

In turn as Assistant Secretary (Finance), Assistant Secretary (Policy and Administration) and First Assistant Secretary (Finance and Contracts), Mr. Bott has been concerned with many major projects undertaken by our Department.

He has given close personal attention to the policy aspects involved in such projects as:

- The building of the new filling factory at St. Marys.

- The negotiations in France for Mirage aircraft to be produced in this country.

- Australia's partnership with Britain in the Joint Weapons Project.

- Australia's participation in the European Launcher Development Organisation.

He has been directly responsible to the Secretary for the setting up and operation of the NASA space-tracking stations which now involve an investment of about \$64 m. in Australia.

We have the biggest complex of space-tracking, communications and data-acquisition stations outside the U.S. engaged in manned space, deep space and scientific satellite programs.

As a result of this association with such international projects, Mr. Bott has made many overseas visits.

Continued on Page 39

The last two of a successful series of training courses for foremen (14th and 15th) were held at the Dennis Convention Hotel, Healesville, on April 2-7 and April 16-21.

Twenty-one foremen, selected from Victorian establishments and SAF, attended each course.

Director of Studies was Mr. Vic Payne, Assistant Manager, Ordnance Factory Bendigo.

Course Manager was Mr. Vin Barca, Training Officer, Central Administration.

Opening night at the Foremen's Course has always been a highlight, and so it was on these occasions.

Senior officers from the various establishments mingled with the foremen, giving each the opportunity to know one another better.

Mr. Ted Herbert, Controller - General (Production), said he was happy to be present at his fourteenth course opening.

Unfortunately he could not be present at the

final course, because he had to go to hospital for an operation.

The operation was successful, and Mr. Herbert returned to duty in May.

Mr. Herbert stressed the importance of the role of the foremen in the Department.

His remarks were capably supported by Dr. Francis Fox, Acting Controller R&D.

Mr. Ian Fleming, Acting Controller - General (Production), opened Course No. 15 and also stressed the important part foremen play as part of the management team.

The central theme of the course was UNGA, which means—well anyway, UNGA certificates were only given to the Director of Studies and the Course Manager.

After the hazards of

Training courses for foremen



FOREMEN'S COURSE, No. 15: Front row (l. to r.): Vin Barca; Harry Coleman (EFM); Tom Buchanan (ARL); Vic. Poll (MEF); John Menzies (AFF); Ben Nielsen (CGEW). Middle row (l. to r.): Hugh Munro (AFF); Wes Comini (S & T); Bob McKell (OFM); Bob Howitt (SAF); Ken Williams (GAF); Arthur Miguez (A.S.); Vic. Payne; John Brodie (AFF). Back row (l. to r.): Jim Green (GAF); Harry Titheridge (AFF); Ernie Kommenda (GAF); John Sheppard (SAF); Keith Weigman (OFM); Jack Vowles (AFF); Jack McGregor (AFF); Sieg Wetzel (OFM); Jim Morris (OFM).

the course were successfully manoeuvred during the day, members retired to the "19th hole", where they were in the capable hands of Mine Host Frank Miller.

Members appreciated the opportunity to attend and demonstrated their keenness to learn by their ready participation and comments — both written and oral.

CONTINUED FROM PAGE 35—

DEPUTY SECRETARY LLOYD BOTT

The new Deputy Secretary has been associated with all Departmental activities.

He has been a member of the Stores and Transport Board and the Central Contract Board, and is a member of the Production Board, the Joint Project Board and the Defence Research and Development Policy Committee.

He has strongly supported the introduction of management techni-

ques into the Department in recent years.

Mr. Bott has attended the Industrial Mobilisation Course and is a graduate of the Australian Administrative Staff College.

Once very keen on cricket, tennis and football, his first hobby now is gardening.

He is a member of the Melbourne Cricket Club, and people find him a keen Melbourne football supporter.



FOREMEN'S COURSE, No. 14: Front row (l. to r.): Alan White (GAF); Ted Gaymer (SAF); Pat Cronin (SAF); Doug McCarthy (ARL); Cyril Billingham (AFF); Bob Warwick (GAF). Middle row (l. to r.): Bill North (OFM); Bill Miller (AFF); Glen Stuart (CGEW); Shirley Stones (CGCF); Vic. Payne (Director of Studies); Lily Guhl (CGCF); Neil Falkingham (S & T); Bob Allison (OFM); Frank O'Loughlin (OFM). Back row (l. to r.): Vin Barca (Course Manager); Phil Drill (OFB); Norm Opie (AFF); Bill Sparks (AFF); John Morton (MEF); Dieter Homann (GAF); Roy Linsell (AFF); Harry "Dad" Taylor (GAF).