

locality within one week. Then off we went once more further south.

We crossed the Viddalen, a 40 km. wide glacier, on our way to the *Borga Mountains*. From far off we saw the towering heights of the Borga peaks and the nearer we advanced the more impressive they became. The gently rising slopes of snow reach a height of 2,000 meters above sea level. Perpendicular rock faces, 500 to 700 meters high, and some of them a few miles long, spanned the horizon. Moraine stretches for miles across the plains and is reminiscent of ploughed fields. Glaciers slide down the steep rugged slopes pushing their icy tongues ever downwards until finally they disappear into the depths of the snow below. In terms of geological time, this is a quick-changing part of the globe, renewing scenic outlays more often than those parts of the world where contours are not moulded in ice. This is indeed God's newest country!

By 22nd November we had deposited our 8 tons of supplies at the provisional main camp and we started with our work. The resplendent environment and perfect warm sunny days made work a privileged pleasure. Even so, the mist did at times roll over the mountain tops forming a blanket of ominous silence, which often was a foreboding of approaching blizzards. The wind would rise to a phenomenal speed and howl through the valleys and across the rocky ledges—one could then only sit and wait and hope for better days. In spite of this, work progressed well. Here too we found signs of the Norwegian-British-Swedish Expedition's activities of long ago. The network of stakes erected by them in the blue-ice area to measure from time to time the rate and direction

of movement of the ice-cap was still, after 16 years in excellent condition. Their positions were determined and we extended the net, such follow-up studies over a long period being of inestimable value in determining glacier movement.

With the knowledge that we would not be able to celebrate Christmas on the exact date, we had our Christmas dinner a week before and Henry Fulton was the cook of that memorable dinner. He produced stuffed turkey, rice, potatoes and other vegetables, and, to top it all, canned peaches and cream with some exhilarating refreshments. After many hours' celebrating on his miraculous creations, the team retired to "Operation Sleeping Bag", satiated and well satisfied.

Having celebrated our Christmas, the last shift of sampling and surveying was carried out. The amount of material was impressive, the rock specimens being numerous and bulky, and much information was obtained to enable greater detail to be added to the maps. On 31st December we bade farewell to the *Borga* in fine sunny weather.

The warm weather during the previous weeks had softened the surface thus impeding travel, but clear days and uneventful mechanical and dog behaviour were on our side. On the evening of 3rd January, 1967, the mechanized party arrived back at SANAE and two days later, after a "constitutional" of 88 days, the dog-sledging party clocked in—back "home"—tired, though pleased with their efforts. It had been a joy to have worked in a part of God's newest country, unrivalled for its cleanliness and freshness, where a continuous kaleidoscope of changing scenes met the eye.

UITTREKSELS UIT VERSLAG VAN DIE VOORSITTER

Gelees deur mnr. Marten du Preez, uittredende voorsitter
van die S.A. Antarktiese Vereniging, 2 Mei, 1967

Gedurende die afgelope jaar het ons ses vergaderings gehad. Mnr. S. H. Engelbrecht, direkteur van die Weerburo en leier van die Bouvet-ekspedisie, dr. J. Taljaard, dr. W. Verwoerd, dr. O. R. van Eeden, direkteur van Geologiese Opname, en mnr. D. Neethling het voordragte gelewer oor die suksesvolle ekspedisie na Bouvet-eiland gedurende Maart-Februarie, 1966 (*Ant. Bull.* 14/15). Dr. W. H. Pollak, geoloog van SANAE VI (1965), het 'n lesing gelewer oor "Tidal effect on a floating ice-shelf—

gravimetric determination" (*Ant. Bull.* 16); mnr. E. M. van Z. Bakker oor "Dierelewe op die Marion- en Prince Edward-eilande" (*Ant. Bull.* 18); mnre. D. Neethling, Andrew Venter, Marten du Preez en dr. André van der Merwe oor verskillende logistiese aspekte, ysskeure en mediese toestande met betrekking tot Antarktika, en mnr. Sean Kavanagh, leier van SANAE VII het 'n toespraak in Maart hierdie jaar gelewer onder die hoof „Review of the activities of SANAE VII"). Verder is

NORWEGIAN-BRITISH-SWEDISH

ANTARCTIC EXPEDITION 1949-1952

ADVANCED BASE

THIS NUNATAK WAS FIRST REACHED BY A RECONNAISSANCE PARTY, TRAVELLING BY DOG-TEAM, ON OCTOBER 25 1950.

A DEPOT OF APPROXIMATELY 9 TONS OF MATERIAL AND SUPPLIES WAS LAID BY MOTOR-TRACTOR ("WEASEL") DURING NOVEMBER AND DECEMBER, 1950.

FIELD PARTIES, TRAVELLING BY DOG-TEAM, OPERATED FROM THIS DEPOT FROM JANUARY 6 UNTIL APRIL 28, 1951, AND BY DOG-TEAM AND WEASEL FROM OCTOBER 15 UNTIL DECEMBER 23, 1951.

THE DEPOT WAS EVACUATED DECEMBER 23, 1951, AND ALL UNUSED STORES CACHED ON THE NORTHWEST RIDGE OF THIS NUNATAK.

THE FOLLOWING MEN HAVE VISITED THIS DEPOT:

BERTIL EKSTRÖM

GORDON ROBIN

JOHN SNARBY

STIG HALLGREN

NILS RÖR

CHARLES SWITHINBANK

PETER MELLEBY

FRED ROOTS

OVE WILSON

ALAN REECE

VALTER SCHYTT

K. FRIIS-BÅSTAD } (BY AIR, JANUARY 18, 1951)
KJELLBERG

ook 'n aantal rolprent- en skyfievertoneings aangebied. Die bywoning van vergaderings was deurgaans goed.

Die vierde jaarlikse dinee van die Vereniging is op 4 Junie, 1966, gehou (*Ant. Bull.* 16). Op hierdie geleentheid was die Vereniging vereer deur die teenwoordigheid van die diplomatieke verteenwoordigers van die Verenigde State, die Verenigde Koninkryk, België, Australië, Japan en Frankryk. Dit was voorwaar 'n mylpaal in die lewe van ons Vereniging om hierdie verteenwoordigers in ons midde te hê. Hulle belangstelling getuig van die hegte samewerking op die gebied van Antarktiese wetenskaplike navorsing.

Gedurende Oktober 1966, is 'n Antarktiese dag deur al die Antarktiese Verdragstate gereël. In samewerking met die WNNR en die Departement van Vervoer, het die Vereniging 'n uitstalling in die Wetenskap en Industriemuseum in Pretoria aangebied. By hierdie geleentheid het dr. S. M. Naude, president van die WNNR die openingsrede (*Ant. Bull.* 18), prof. P. H. Stoker 'n lesing oor kosmiese strale, en dr. D. Torr oor "SANA's contribution to space research" gelewer. Ek wil graag mnre. D. Neethling en Murray Schoonraad, kurator van die W. en I.-museum, sowel as al die komiteelede en gewone lede, wat gehelp het om hierdie uitstalling 'n sukses te maak, hartlik herdanke. Graag wil ek my dank betuig aan die Departement van Vervoer wat ons voorsien het van 'n groot aantal uitstallingsitems, soos 'n model van die RSA en die nuwe Antarktiese klere. Besonder dank aan BP Suid-Afrika, ons borge, vir puik foto-afdrukke van Antarktiese tonele en aangeleenthede. Gedurende die drie dae van die uitstalling is ook rolprente, wat goedgunstiglik deur die Departement van Vervoer en die Britse Ambassade geleen is, aan die publiek en skoliere vertoon. Daar was ook gepoog om lesings en rolprentvertonings in ander groot sentra te reël. Weens die akademiese aktiwiteite van ons lede was dit egter nie moontlik nie, behalwe in Durban waar ons getroue lid, mnre. Willie Kotze, die aanvoerwerk gedoen het, en daardeur ook daadwerklik 'n bydrae gelewer het om lesings en rolprentvertonings te hou. Aan hom en sy helpers ons opregte dank.

'n Aantal van ons lede was in die bevoorregte posisie om in Kaapstad kennis te maak met lede van die Belgies-Hollandse en die Japanse-Antarktiese ekspedisies. Graag wil ek dit in die midde van die nuwe bestuur lê om die moontlikheid te ondersoek om ook hier in Pretoria met terugkerende ekspedisies kennis te kan maak.

Laat my toe om die Medalje-komitee te komplimenteer op die wyse waarop hulle hul taak verrig het. Daar is talle vergaderings gehou om tot 'n finale beslissing te geraak. 'n Spesiale woord van dank aan prof.

P. Stoker, voorsitter van die komitee, wat so dikwels van Potchefstroom oorgekom het om die besprekings te lei.

As prof. Stoker has announced earlier in the evening the Antarctic Medal has been awarded this year to Dr. Douglas G. Torr, who was a member of SANA IV. On behalf of the members of the Association I offer my heartiest congratulations to him on this distinguished award, and also on the achievement to have been the first South African who has gained a Ph.D. degree on work done in Antarctica. Let us not forget the important role played by Marsha Harding, also a physicist and now Mrs. Torr, in assisting him to gain this achievement.

The Association has made full use of the press and radio to announce the activities of the Association. Through these two media and the *Antarktiese Bulletin* great interest in Antarctic activities has been aroused, especially amongst the youth amongst whom the *Bulletin* has been widely distributed. To BP South Africa our heartiest appreciation for their sponsoring of both the *Bulletin* and the *Antarctic Medal*.

As voorsitter wil ek my opregte dank betuig aan die lede van die komitee, en in besonder aan die sekretaris, vir hulle gewillige hulp en diens. Aan al die lede van die Vereniging baie dankie vir u belangstelling en getroue ondersteuning gedurende die afgelope jaar.

JAPANESE ICEBREAKER FUJI AGB 5001

PRINCIPAL PARTICULARS

Completed July 1965 at Yokohama, Japan

Standard displacement:	7,760 tons
Length:	328 feet
Width:	72 feet
Depth:	39 feet
Draft:	27 feet
Speed:	16.5 knots
Cruising Radius:	15 knots—15,000 miles
Machinery:	Diesel electric propulsion, 2-shafts
Horsepower:	12,000 PS; M.A.N. V8V, 30/42 AL
Crew:	34 Officers, 148 Enlisted men, 40 Scientists, a few Observers
Aircraft:	3 Helicopters