



HELICOPTERS AND SUB-HUNTERS

With the Royal Canadian Navy continually taking on an increasing role in anti-submarine warfare, destroyers are being constructed and converted to provide helicopter facilities which

give the ships far ranging search capabilities. A Sea King helicopter returns to its floating base after an extended patrol.

Canadian forces have 3-D mission

One of the six functional commands of the Canadian forces describes its mission as "3-D"—detection, discrimination and, if necessary, destruction.

Air Defence Command evolved from the RCAF Air Defence Group which was formed in Ottawa in 1948, moved to St. Hubert, Que. in 1949 and was raised to command status in 1951. It became an integrated command of the forces in 1965. Initially the Command's job was to defend Canada against air attack, however, with the formation of North American Air Defence Command in 1967 ADC became the Canadian member of the team whose task it is to defend the continent against aerospace attack.

The 3-D task will be unchanged as the headquarters beginning this summer is moved from St. Hubert to North Bay, Ont., over the period of a year. It will amalgamate with the Northern NORAD Region headquarters to form a joint headquarters that will save 30 percent in personnel by the time the move is completed in the summer of 1967.

The first "D"—detection—begins inside the Arctic Circle with the Distant Early Warning Line, begun by the U. S. in 1955. ADC controls the four main sites which are located at Cambridge Bay, Cape Parry and Hall Beach in the Northwest Territories, and Cape Dyer on Baffin Island. The Canadian built Mid-Canada Line 900 miles further south was closed down in 1965 because technical advances made a second "fence" unnecessary. The Pinetree Line north of the Canadian-American bor-

der is the top boundary of a blanket radar system covering most of southern Canada and the U.S.A. Canada runs 29 of the 35 Pinetree stations.

The other two "Ds"—discrimination and destruction—the primary with the supersonic CF-101B Voodoo jet interceptor which has a combat ceiling of more than 50,000 feet. There are three VOODOO squadrons one at Comox, B.C., another at Bagotville, Que., and a third at Chatham, N.B., with an advanced air base at Val d'Or, Que.

The Voodoo carries the conventional Falcon and the nuclear-capable Gentle, air-to-air guided missiles giving it a "multiple pass" capability. There are two nuclear-armed Bomarc surface-to-air missile squadrons, one at North Bay and the other LaMacaza, Que. An older fighter, the CF-100 Canuck, has been modified as an electronic target to test the Voodoos and the radar networks.

The 3-D mission is heavily dependent on fast communications so ADC has a vast net from sea to sea and border to pole employing teletype circuits, telephone land-line circuits, microwave systems, radio links in the high frequencies and "scatter" radio systems. The latter bounce radio waves of ionospheric and tropospheric layers so long distances from the Arctic to southern areas are linked.

The ground control involves SAGE AND EUC, high speed computerized data processing systems enabling a battle commander to react quickly to the supersonic speeds of aircraft. The SAGE system is underground at North Bay and the Back-up Interception Centres

have been set up recently across the country.

ADC has a space surveillance capability through its Baker-Nunn camera at Cold Lake, Alta., which tracks satellites in polar orbit and passes the information to the main NORAD complex in Colorado Springs, U.S.A. For ADC is integrated with air defence elements of the U.S. forces in North American Air Defence, an indivisible problem thus shared by both countries.

Something like 15,000 service and civilian personnel serve ADC in Canada.

China Sales To Canada Remain Small

OTTAWA (CP) — Mainland China's efforts to sell more to Canada in order to pay for its imports of Canadian wheat must be dipping the Communist country's trade authorities to nuts.

Final 1965 trade figures released here by the Dominion Bureau of Statistics showed Canadian purchases of \$4,906,043 worth of walnuts, peanuts and other kinds of Chinese nuts, compared with \$3,710,546 the previous year.

These were the principal commodities China sent to Canada in a long and growing list of goods, ranging from hairpins to non-military firearms.

But though the list is growing the total value of exports to Canada is small in relation to China's purchases from this country.

Total Chinese purchases from Canada last year were valued at \$105,130,920, compared with \$136,263,115 in 1964. China's purchases have signed commitments to buy big shipments of Canadian wheat in 1966 and future years.

LEFT BIG TRADE GAP

Chinese sales to Canada in 1965 totalled \$14,443,954. This was a 53 per cent increase over sales in 1964 but left the Communist country with a big dollar gap in its trade balance with Canada.

Canadian officials and other visitors from Western countries who have been to China have said the Chinese are anxious to sell more to Canada to bridge the gap. But there are apparently only a few commodities China can offer on a strictly competitive basis which will not upset normal markets in Canada.

Bob Kennedy Gets Applause In South Africans Warning

JOHANNESBURG (Reuters) a social order "shaped to the needs of all our people."

Cheering groups of whites, Negroes and Indians dogged Kennedy Wednesday as he moved about Johannesburg.

At one point a friendly crowd forced him to the roof of a car carrying him to a reception. He made a speech calling for friendship between the United States and South Africa and an end to all forms of discrimination.

Behind the cheering was heard the occasional shout of "Yankee go home."

This is Red Cross Water Safety Week in Canada. When you see someone in distress in the water, rescue by reaching first, throwing a line or large floating object second, going out in a boat third, and by swimming out and towing last. Be water wise when you help others in distress.

About 1,200 students gave Senator Kennedy and his wife the loudest and most enthusiastic welcome so far in their visit. Senator Kennedy called for an end to bitterness between English-speaking students and their Afrikaans counterparts, and urged them to get together to try to work out how South Africa could be moved towards racial equality.

CALLED FOR DIALOGUE

He called for an open dialogue between South Africa and the rest of the world.

The senator said "Justice was the second battle—the first was a 'battle for the future'." "The day is long past when any nation could retreat behind walls of stone, or curtains of iron or bamboo."

Tomorrow's South Africa will be different from today's—just as tomorrow's America will be different.

"Our choice" is not whether change will come but whether we can guide that change in the service of our ideals and toward

Armed Forces Day 11 JUNE 1966

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Summerside, P.E.I.

ARMED FORCES DAY

SATURDAY
JUNE 11th



The management and staff, at Save-Easy salute the Armed Forces of Canada for their splendid effort during war and peace. Their achievements rank with the best in the world and certainly deserve our utmost support in presenting Armed Forces Day on Saturday June 11th.

Being Situated in Summerside which is the home of one of Canada's biggest air Force bases it is only fitting we give an extra salute to the men of R.C.A.F. Summerside.

We urge you to give your fullest support by attending the activities which are planned for Armed Forces Day at R.C.A.F. Station Summerside on Saturday, June 11th.

Good luck and best wishes for a successful show.

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