ON THE AIR

MONDAY PROGRAMS
CFCY-TV

1.30 p.m.—Musicate
2.00 p.m.—Password
2.30 p.m.—Scarlett Hill
3.00 p.m.- Take Thirty
3.31 p.m.—Friendly Giant
3.45 p.m.—Mr. Rogers
4.00 p.m.—This Living World
4.30 p.m.—All Star Theatre
5.01 p.m.—Razzle Dazzle
5.30 p.m.—Time Out For Music
6.00 p.m.—William Tell
6.31 p.m.—Gazette
7.01 p.m —CFCY TV News
7.15 p.m.—Forty Flour Jackpot
7.20 p.m.—Sports Weekly
7.30 p.m.—Phil Silvers Show
8.00 p.m.—Rin Tin Tin
8.30 p.m.—Don Messer
9.00 p.m.—Garry Moore
10.00 p.m.—Playdate
11.00 p.m.—Inquiry
11.30 p.m.—Explorations
12.00 p.m —CBC TV News
12.14 a.m.—CFCY TV News and Weather
12.20 a.m.—Sign Off

CFCY-TV

12.25 p.m.—Station Sign On
News. Weather Sports
1.00 p.m.—Monday Playbill. Come Live With Me
2.30 p.m.—At Home With Helen Crocker
3.00 p.m.—Take Thirty
3.30 p.m.—The Friendly Giant
3.45 p.m.—Mr Rogers
4.00 p.m.—This Living World
4.30 p.m.—Romper Room
5.00 p.m.—Razzle Dazzle
5.30 p.m.—Time Out for Music
6.00 p.m.—Supper Club
6.15 p.m.—Television News
6.25 p.m.—Supper Club
6.35—Weather
6.55 p.m.—Sports
7.00 p.m.—Biography
7.30 p.m.—77 Sunset Strip
8.30 p.m.—Don Messer
9.00 p.m.—Garry Moore
10.00 p.m.—Playdate
11.00 p.m.—Inquiry
11.30 p.m.—Explorations
12.00 a.m.—CBC TV News
12.14 a.m.—Viewpoint
12.20 a.m.—Lionel Network News
12.25 a.m.—Station Sign Off

CFCY RADIO

MONDAY

6.28—Sign On
6.30—News & Weather
6.25—Country & Western Roundup
6.55—News and Weather
7.00—Hebrew Christian Hour
7.15—Country & Western Roundup
7.30—News and Weather
7.35—Farm Report
7.47—Country & Western Roundup
8.00—News
8.11—Weather
8.16—Country & Western Roundup
8.45—Weather
8.50—Atlantic News
8.57—Thought For Today
9.00—CBC News & Voice Reports
9.10—CBC Preview Commentary
9.15—Notes and Music
9.27—Matinee Music Charades
9.20—Notes and Music
9.55—What's the song contest
10.00—News and Weather
10.05—Notes & Music
11.00—News & Weather
11.05—Women's Institute Program
11.20—Notes & Music
11.27—Matinee Musical Charades
11.30—Notes & Music
11.40—Notes and Music
11.45—Bulletin Board
11.50—Notes and Music
11.55—Atlantic News
12.00—Weather
12.05—Town & Country Time
12.30—News and Weather
12.43—P.E.I. Road Report
12.45—Town & Country Time
1.00—News, Weather & N.S. Road Report
1.05—Town & Country Time
1.15—Tommy Hunter Show CBC
1.45—Town & Country Time
2.00—News and Weather
2.05—Tops in Country and Pops
2.27—Matinee Musical Charades
2.30—Tops In Country and Pops
3.00—News Headlines & Weather
3.03—Trans-Canada Matinee CBC
3.30—Tops in Country & Pops
4.00—News Headlines & Weather
4.03—Canadian Roundup—CBC
4.10—Tops in Country and Pops
4.30—The Outports
5.00—News and Weather
5.05—Matinee Musical Charades
5.08—The Outports
5.23—Marine Weather
5.28—The Outports
6.00—News and Weather
6.15—On Parliament Hill—CBC
6.20—Sports Parade
6.30—Tonight's Music
7.00—Back to the Bible
7.30—News and Weather
7.45—Program Schedule
7.46—Tonight's Music
8.30—Max Ferguson's Review
8.55—Interlude
8.58—News Headlines & Weatheer
9.00—Farm Forum — CBC
9.30—Distinguished Artists — CBC
10.00—National News CBC
10.30—Continental Holiday—CBC
11.00—News and Regional Weather
11.05—Starlight Serenade
11.30—News and Maritime Weather
11.35—Starlight Serenade
12.00—News, Regional Weather & Sports Scores
12.05—Sign Off

CBA

MONDAY

6.00—The Gerry Fogarty Show, Part 1
8.00—CBC News & Inland Weather
8.15—Maritime Sportscast
8.21—The Gerry Fogarty Show Part 2
8.24—The Bob Goulet Show
8.30—The Gerry Fogarty Show Part 3
8.35—Max Ferguson Show
9.00—CBC News and Direct Reports
9.10—Preview Commentary
9.16—A.M. Chronicle
10.15—Playroom
10.30—Now I Ask You
11.00—CBC News
11.05—Joan Marshall
11.15—For Consumers
11.20—Record Album
11.30—The Archers
11.45—Music on the Heather
12.00—Jamboree Junction
12.15—Music of Don Messer
12.30—Maritime Farm B'Cast
1.00—CBC News & Inland Weather
1.15—Tommy Hunter Show
1.45—Time Out For Melody
1.59—Dominion Observatory Time Signal
2.00—Time Out For Melody
2.45—John Drainie Tells a Story
3.00—CBC News
3.03—T.C. Matinee
3.30—T.C. Matinee
4.00—CBC News
4.03—Canadian Roundup
4.10—Music in the Air
4.30—Countdown
5.00—Maritime Fish B'Cast
5.30—Tempo (CBH only) CBC Notebook
6.00—CBC News and Weather
6.15—On Parliament Hill
6.20—Maritime Sportscast
6.25—Music in the Evening
7.30—Business Barometer
8.00—Assignment
8.30—Radio International
9.00—Farm Forum
9.30—Distinguished Artists
10.00—CBC Nat. News Roundup & Speaking Personally
10.30—Continental Holiday
11.00—Matinee Theatre
11.30—Concert Album
12.00—Sport Scores, Inland & Marine Weather
12.15—Mantovani & his orch.
12.45—Music in the Night

Power Increase In Rockets Planned For Churchill Jobs

By JOHN E. BIRD

OTTAWA (CP)—Black Brant research rockets capable of lifting 40-pound instrument payloads to 240 miles have been designed for space research at the Fort Churchill, Man., rocket range.

The rockets are being developed for upper atmosphere studies, including cosmic rays and the aurora borealis or northern lights, which occur in the lower part of the ionosphere seriously disrupting communications.

Details of the new rocket development program were given Thursday in papers presented at an Ottawa symposium sponsored by the Canadian Aeronautics and Space Institute.

The Churchill high-altitude research rocket program is a joint government - industry project involving the Defence Research Board, the National Research Council and Canadian Bristol Aerojet Limited, Winnipeg, commercial producer of solid-propelled rockets.

One new 10 - inch - diameter rocket known as the Black Brant III now has been developed to carry a 40-pound package of instruments to an altitude of 110 miles. Two others known as Black Brant V and Black Brant IV-A are in the development stage for research at higher altitudes.

The meeting was told that two Black Brant II-A rockets with mark V fins were fired at Churchill Jan. 20 by DRB's Canadian Armament Research and Development Establishment.

"Preliminary assessment indicates that both flights were a complete success with a 207-pound gross payload being lifted to approximately 126 miles," one institute report said.

This represented an increase of more than 30 per cent in altitude performance compared with heights achieved with standard Black Brant II-A rockets.

The Black Brant V rocket is designed to hurl a 150-pound package of scientific instruments 240 miles into space. After it has been flight-proved it will be redesigned into what will be known as the Black Brant V-B rocket.

CARDE hopes to be able to launch the V-B rocket late this year. It predicts that ultimately this rocket will carry a 150-pound payload to an altitude of 300 miles.

The Black Brant IV-A rocket is being designed to lift a 40-pound scientific payload to a height of more than 600 miles. This will be a two-stage rocket, with the first stage being 17 inches in diameter and the second 10 inches.

The first firings with this rocket are expected to take place in late June.

The Black Brant III rocket will be used early this year for a series of atmospheric studies by NRC. The council already has placed an initial order for six rockets.

Drug Recalled By Manufacturer

TORONTO (CP) — Supplies of a drug used to give better X-ray pictures have been recalled by a Toronto pharmaceutical manufacturer following reports linking it to deaths in the United States.

The drug Orabilex, in a capsule which is swallowed, makes the gall bladder show up on X-ray film.

The U.S. Food and Drug Administration said the firm that distributed the drug in the U.S. had taken it off the market. A similar request for withdrawal was made by the food and drug directorate in Ottawa.

The FDA approved the drug for sale in 1958, but reports from doctors and hospitals linking Orabilex with deaths and in some cases, kidney injury, spurred the U.S. action.

The X-ray departments of three metropolitan Toronto hospitals used the drug at various times.

Louis D. Craig, president of Bell - Craig Limited, Canadian manufacturer of Orabilex, said: "All the cases in the U.S. involved with serious side effects have been instances where the drug was contra - indicated at the outset or where large, excessive doses were given."

Guarding Nuclear Warheads Will Top $8 Million Mark

By DAVE McINTOSH

OTTAWA (CP)—It's going to cost more than $8,000,000 a year to guard the storage dumps where nuclear warheads are kept for Canada's armed forces, informants said here.

This figure includes dog food. But not the nuclear warheads themselves. The United States supplies them free.

The dog-food bill will be fairly substantial because the RCAF bought 34 German police dogs to help guard the two dumps on the airfields at Zweibruecken and Baden-Soellingen in West Germany.

The dogs cost $100 each.

The other nuclear dumps are or will be at: Werl and Hemer in West Germany for the army's Honest John rocket; at North Bay, Ont., and La Macaza, Que., for the Bomarc anti - aircraft missile; and at Chatham, N.B., for the Voodoo Jet interceptor.

There are no immediate plans for security staff dogs at the dumps in Canada.

NEED HUNDREDS

What's troubling the defence department, at a time when it's trying to cut overhead costs, is that it will require literally hundreds of men—one source said more than 1,000—to guard the dumps. The RCAF said the number of guards is a military secret.

Provision has to be made for three shifts of guards seven days a week. There are four security rings to guard at each dump, which is merely a bunker somewhat like a Second World War air raid shelter.

In the shelter itself, around the warheads, sit the American military personnel who have custody of the weapons. In the case of the Bomarc bases, when the warhead is actually fitted into the missile, there are 26 Americans at each site.

Then there's a corridor of barbed wire around the bunker. The dogs, with their trainers, patrol this corridor at the dumps in West Germany. Outside this enclosure are more armed sentries.

There's more security staff around the entire station itself.

Computers displaced hundreds of airmen on radar watch. These men now have been put on warhead watch.

The exchange came as the House waded through details of a bill which brings up to date and simplifies the Companies Act, adopted in principle "by unanimous vote.

Mr. Johnson said one of the articles of the bill was copied from existing federal law. Similar legislation existed elsewhere in North America.

ARTICLE NECESSARY

He conceded the article is necessary in Quebec Law, but it was an obvious case of surroundings influencing legislation.

"As long as we live in North America, it will not be easy to isolate ourselves in certain fields. Not everyone realizes that."

Countered Premier Lesage, "To isolate ourselves, period".

"To isolate ourselves in certain fields," said Mr. Johnson.

"To isolate ourselves, period," repeated the premier.

Mr. Johnson was referring to a weekend speech by the premier who said Quebec cannot isolate itself from the rest of North America. Mr. Johnson said this "practically closed the door" to separatism as a last resort.

"That's clear," said Mr. Lesage.

Separatism Denounced By Lesage

QUEBEC (CP)—The legislative assembly heard a five-word denunciation of Separatism from Premier Lesage as it discussed a major piece of legislation.

"It (separatism) would be a disaster," the premier said in a brief exchange with Opposition Leader Daniel Johnson.

Mr. Johnson suggested that if there is no other way of "attaining the end we seek" the possibility of separatism would have to be weighed.

CONTRACT BRIDGE

By B. JAY BECKER

FAMOUS HANDS

East dealer.
Neither side vulnerable.

NORTH
♠ KJ104
♥ A.
♦ 8642
♣ 9653

WEST
♠ 8753
♥ Q10876 52
♦ —
♣ KQ

EAST
♠ 92
♥ —
♦ AKQJ95
♣ J10872

SOUTH
♠ AQ6
♥ KJ943
♦ 1073
♣ A4

The bidding:

East	South	West	North
	1♥ (out of turn)		
4♦	4♥	Dble.	Pass
Pass	Pass		

Opening lead — king of clubs.

When a player makes an opening bid out of turn, his partner is barred from the bidding for the rest of the hand. The bid is canceled and the auction reverts to the player whose turn it was to call, but thereafter the offender may make any proper bid.

A player seldom gains by making a bid out of turn, but here is a case where the irregularity brought the offender a rich harvest.

Clagett Bowie, of Baltimore, Md., tells the story of the time many years ago when he opened the bidding with the South hand with a heart, even though East had dealt and had not yet had a chance to bid.

After Bowie's attention had been called to the bid out of turn, East opened with a preemptive bid of four diamonds. Bowie, undaunted, overcalled with four hearts, which met with a resounding double from West.

Everybody passed and West led the king of clubs. Now it is true that in a manner of speaking West had five natural diamond tricks, but, nevertheless, Bowie made the contract.

He took the ace of clubs and played a heart to the ace, learning that West had all the missing trumps. He then cashed four spade tricks, discarding a club from his hand.

When Bowie then trumped a club at trick seven, he was left with the K-J-9 of hearts and the 10-7-3 of diamonds, while West's hand was reduced of the Q-10-8-7-6-5 of trumps.

A diamond lead forced West to trump and return a heart, and a second diamond lead forced West to lead still another heart.

So the outcome was that Bowie scored ten tricks and made the doubled contract despite West's extraordinary trump holding. West has since learned to be more cautious about his doubles and South doesn't make bids out of turn any more!

RIPLEY'S BELIEVE IT OR NOT

A MECHANIZED GOLD EXCAVATOR WAS USED IN THE DOMINION CREEK VALLEY OF THE CANADIAN KLONDIKE FOR JUST 2 MINUTES AND THEN ABANDONED AS IMPRACTICAL ALTHOUGH IT HAD COST ITS OWNER, ARTHUR THREADGOLD, $500,000

WILLARD G. WATERS of Randallstown, Maryland, SCORED A 79 at the Country Club of Maryland AT THE AGE OF 69

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JULIA TYLER
WIFE OF PRESIDENT JOHN TYLER REGARDED THE ANNEXATION OF TEXAS HER HUSBAND'S GREATEST ACHIEVEMENT AND WORE THE GOLD PEN HE USED CLOSE TO HER HEART BENEATH HER CLOTHING EVERY DAY FOR 44 YEARS

DAILY CROSSWORD

ACROSS
1. Boys' "club house"
6. Cant
11. Recess for a statue
12. Mingle
13. Marshal, as troops
14. Ablaze
15. A nobleman
16. Western Indians
17. Attempts
21. Siamese coin
24. Star of Scorpio
28. A cut of meat
30. Body of Moslem scholars
31. Periodic payment
33. Large wine cask
34. Constellation
36. Fall month: abbr.
39. Red deer
43. Dish
45. White bear
46. Flower
47. Shaped like an egg
48. Prophets

DOWN
1. Easy job
2. Employ
3. Measure of land
4. Map
5. Essential
6. Candlenut tree
7. Rejection
8. Courage: sl.
9. Monster
10. Golfers' aids
18. An appraiser
19. —— the know
20. Musical study
21. Land measures
22. Little child
23. Jap. fish
25. Soak flax
26. Ostrich-like bird
27. Polish river
29. Splash
32. Nickel: sym.
35. Push
36. Resorts
37. Otherwise
38. Crown of head
40. Winglike
41. Exclamation
42. To corner
44. Bitter vetch
45. Poker stake

Saturday's Answer

DAILY CRYPTOQUOTE — Here's how to work it:

A X Y D L B A A X R
is O G E T L O W

One letter simply stands for another. In this sample A is used for the three L's, X for the two O's, etc. Single letters, apostrophies, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation

Z R L W H B G L V H D S L D P C N L K N V L P L H C E V S T H D P Z G D P V C. —T L Y D S C W V M S L

Saturday's Cryptoquote: HE WHO ENDEAVORS TO PLEASE MUST APPEAR PLEASED.—SAMUEL JOHNSON

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OUR BOARDING HOUSE MAJOR HOOPLE

GRANDMA

MICKEY MOUSE

SECRET AGENT X-9

ETTA KETT

NUBBIN

HENRY

MUGGS & SKEETER

JOE PALOOKA

THE LONE RANGER

L'IL ABNER