ON THE AIR

For This Week's TV Guide See Page 7

CFCY RADIO

FRIDAY

6.28—Sign On
6.30—News & Weather
6.35—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
7.41—Country & Western Roundup
8.00—News
8.11—Weather
8.16—Country & Western Roundup
8.45—Weather
8.50—Atlantic News Roundup
8.57—Thought for Today
9.00—News & Voice Reports CBC
9.10—Preview Commentary CBC
9.15—Notes and Music
9.27—Matinee Musical Charades
9.30—Perfection Viewcast
9.35—Notes and Music
9.55—What's The Song
10.00—News and Weather
10.05—Notes and Music
10.30—Get Rich With Rich Little
10.35—Notes and Music
11.00—News and Weather
11.05—Notes and Music
11.27—Matinee Musicial Charades
11.30—Notes and Music
11.45—Bulletin Board
11.50—Notes and Music
11.55—Atlantic News Roundup
12.00—Weather
12.05—Town and Country Time
12.15—Don Messer-CBC
12.30—News and Weather
12.45—Town and Country Time
1.00—News Headlines & Weather
1.05—Town and Country Time
1.15—Tommy Hunter Show-CBC
1.45—Town and Country Time
2.00—News and Weather
2.05—Tops in Country Time
2.12 Network School B'cast-CBC
2.45—Matinee Musical Charade
2.47—Tops in Country and Pops
3.00—News Headlines & Weather
3.03—Trans Canada Matinee CBC
3.30—Tops in Country and 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 Musicial Charades
5.05—The Outports
5.25—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
7.50—National Business
8.00—Tonight's Music
9.00—Index-CBC
9.30—Chamber Music
10.00—CBC National News CBC
10.30—Action Drama
11.00—News & Regional Weather
11.05—Starlight Serenade
11.30—News & Maritime Weather
11.35—Starlight Serenade
12.00—News, Weather & Sports Scores
12.05—Sign Off

CBA

FRIDAY

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—Gerry Fogarty Show—Part 3
8.35—Max Ferguson Show
9.00—CBC News & Direct Reports
9.10—Preview Commentary
9.16—A.M. Chronicle
10.15—Playroom
10.30—Court Of Opinion
11.00—CBC News
11.05—Women's Commentator 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—The Music of Don Messer
12.30—Maritime Farm B'cast
1.00—CBC News and Weather
1.15—Tommy Hunter Show
1.45—Time Out For Melody
1.59—Dominion Observatory Time Signal
2.00—Time Out For Melody
2.15—National School B'Cast
2.45—John Drainie Tells a Story
3.00—CBC News
3.03—Trans-Canada Matinee
3.30—Trans-Canada Matinee
4.00—CBC News
4.03—Canadian Roundup CBC
4.10—Music In The Air
4.30—Countdown
5.00—Maritime Fish B'cast
5.20—Tempo and CBC Notebook
6.00—CBC News & Weather
6.15—On Parliament Hill
6.20—Maritime Sportscast
6.25—Music in the Evening
7.15—Byline
7.20—Marine Weather and Musical Interlude
7.30—Business Barometer
7.35—TBA
7.45—Agenda
8.00—Assignment
8.30—Radio International
9.00—Index
9.30—Chamber Music
10.00—National News CBC Roundup & Speaking Personally
10.30—CBC Stage
11.30—CBC Jazz Club
12.00—Inland & Marine Weather Sports Scores
12.15—Music In The Night

JAIL BECOMES REAL COOLER

SAINT JOHN, N.B. (CP) The county jail became a real cooler here.

Prisoners had to stay in their beds to keep warm when the heating system for a three-building complex failed for 12 hours in 10-degree weather.

Workers wore overcoats and heavy jackets at their desks in the city police station, court house and county jail before temporary repairs eased the situation about mid-afternoon.

Back Pasture Airport One Of Most Used In Britain

HAMBLE, England (CP)—The second busiest airport in Britain is the back pasture of a grand old family estate near this Hampshire village a few miles from the port city of Southampton

The College of Air Training, turning out crack young pilots for the country's two major airlines, was opened in 1960 But entrance qualifications are so tough the school has been running below its capacity 220 cadets

Because of this the principal, Air Vice-Marshal E.C. Bates, a leathery Australian who retired from the RAF three years ago, is trying to interest Commonwealth countries, particularly Canada and Australia, in sending cadets

The Australian government has expressed interest and Trans - Canada Air Lines is studying the proposal, says Bates, who interrupted a wartime flying career to supervise the establishment of flying training schools at Calgary and Swift Current, Sask

COST IS HIGH

But many details would have to be ironed out For a start, the cost of training a pilot is high between £5,000 and £6,000 for the two-year course, mainly due to the £28-an-hour cost of flying each of the school's fleets of 24 single-engined Chipmunks and twin-engined Piper Apaches Last year the school had 105,000 landings and takeoffs—second only to the 112,000 total at London Airport

Until recent years, British Overseas Airways Corporation and British European Airways relied on the RAF and the Fleet Air Arm for its pilots but this supply virtually disappeared when the services discontinued short-term commissions.

Under the arrangement for British cadets, the government and the two airlines—joint sponsors of the college—pay most of the students' fees. A balance of £750 is left but about 82 per cent of the cadets get government education grants covering most of this.

The high standards are demonstrated by the fact that of about 600 applicants each term, only 100 or fewer are accepted. And between 15 and 20 per cent of these fail, for medical reasons or lack of flying ability, before the course ends.

KEPT UNDER PRESSURE

"We keep them so busy they don't have time for much relaxation," Bates says. 'In fact, we keep piling on the work, building up the pressure to just about the breaking point. A pilot is no good if he can't take it—can't keep his head under pressure or in an emergency."

Aside from air studies, there is great emphasis on physical fitness and sports, and additional courses in current affairs or languages.

Along with 225 hours flying time, cadets get 60 hours each in the Link trainer and on instruments and navigation procedures in an electronic trainer that simulates the cockpit of a large airliner — complete with man-made crises such as sudden icing conditions, engine fires and loss of altitude.

After graduation, the young pilots take a "conversion" course with their airline before taking up appointments as £1,-200-a-year second officers. And most of them make the switch from the small college planes to the giants of the sky after about 11 hours flying time.

Better Filters Suggested Cigarette Research Avenue

WASHINGTON (CP - AP) — U.S. Surgeon-General Luther L. Terry feels development of better or more selective filters on cigarettes is a desirable avenue of research in reducing the health hazards of cigarette smoking.

Terry's comment was made in reply to a series of questions asked in a letter by Republican Senator John Sherman Cooper of Kentucky.

The letter was written after a U.S. Public Health Service committee, headed by Terry, indicted heavy cigarette smoking as a health hazard. The committee also said it had found "no evidence that will establish the fact that filters have had any effect in reducing the dangers" of smoking.

Cooper asked:

"To the extent that a filter removes tar, nicotine, and the gaseous elements of cigarette smoke, is it not reasonable to assume that the effects of the filter will be similar to the effects reported by the committee of smoking fewer cigarettes?"

And Terry replied:

"A categorical answer to this question is difficult. The best I could do would be to answer yes-perhaps, or yes-probably. A part of the problem here is whether the filter in addition to removing tar, nicotine or other elements of cigarette smoke might also lead to different levels of cigarette consumption and different amounts of inhalation etc. . . ."

He told Cooper that "unquestionably" standardized research on the effectiveness and selectivity of filters, as well as additional research on the components of smoke, would be desirable.

Dr. Ernest L. Wynder of New York's Sloan-Kettering Institute for Cancer Research said in an interview here Tuesday he considers some of the filter cigarettes now available are relatively effective in reducing the hazard of lung cancer. He declined to name brands.

Wynder is one of the scientists who first produced skin cancer in mice by application of cigarette-smoke concentrates, or "tars" to the animals' backs.

Wynder said he and his associate, Dr. Detrich Hoffmann, "believe that the tumor-producing action of tobacco smoke is largely due to the incomplete combustion of organic compnents . . . and it shuld be possible to improve combustion in such a way as to reduce at least some of the tumorogenic agents."

It is their belief, Wynder added, that there may be an optimum level of shredding the tobacco—and also an optimum level of packing-density—in order to produce best combustion.

Also, he said, "we believe that air-cured tobacco yields somewhat fewer tumorogenic agents than the flue-cured or sun-cured tobaccos."

Canada Foresees No Problem In Swords-Plowshares Move

By DAVE McINTOSH

OTTAWA (CP) — Bring on disarmament. The economic problems attending it would be child's play compared to the 1945-47 reconstruction period.

This, in effect, is what Canada has told the United Nations for the UN's continuing study of the economic consequences of complete world disarmament.

Coincidentally, the government has been given an example of the modern method of beating swords into plowshares: A European brewery has offered to buy the surplus RCAF rotating radar at Metz, France, to use as a neon sign.

The Canadian government's report to the UN on the economic difficulties posed by disarmament, filed with the UN secretariat some time ago, now is being brought up to date. The report takes on added significance with the resumption Jan. 21 in Geneva of the 17-nation disarmament negotiations—though no official here expects more than some preliminary East-West agreement, if that.

Various government departments compiled information for the report but the defence production department is responsible for most of it. The new Economic Council of Canada is also expected to make a similar study, though this lies well in the future.

The UN estimates that the world is spending about $120,-000,000,000 annually on arms and armed forces. Canada's share runs around $1,600,000,000 annually.

The Canadian report to the UN says the economic adjustments needed in Canada after the Second World War were "vastly greater" than those which the most complete disarmament program would require today.

Between June 1, 1945, and Dec. 31, 1946, some 675,000 servicemen were discharged from the armed forces and 500,000 workers released from war industries. This represented one-quarter of Canada's labor force but unemployment in that period never exceeded three per cent of the labor force.

Today the armed forces number some 120,000. There are about 45,000 civilian employees in the defence department and fewer than 50,000 in defence industry.

"Canada views with confidence the smaller problem of shifting resources after disarmament today," the report says.

"High levels of both employment and income could be maintained during disarmament."

CONTRACT BRIDGE

By B. JAY BECKER

1. You are West, defending against Three Notrump, the bidding having been a notrump by South (12 to 14 points) and three notrump by North. You lead the four of spades and South takes the king with the ace. South now plays the nine of spades. How do you defend?

North: ♠832 ♥AJ875 ♦A10 ♣Q72
West: ♠J754 ♥963 ♦J7 ♣AJ85

2. You are declarer with the West hand at Six Spades. North leads the five of hearts. How would you play the hand?

West: ♠AKQJ93 ♥AJ8 ♦— ♣10874
East: ♠7652 ♥— ♦A9643 ♣A953

1. It is reasonable to assume that South is not trying to commit suicide when he returns the nine of spades, and that his real purpose is to try to steal a trick. For his spade play to be right, he must have started with the A-Q-10-9. Furthermore, from his failure to attack hearts, he can be assumed to have the K-Q of that suit. If these assumptions are correct, it would be fatal to duck the spade, since South would then have nine tricks consisting of three spades, five hearts and a diamond.

The best defense is to take the spade and lead the jack of clubs, playing on the basis that declarer's hand looks something like this: SAQ109 HKQ2 DQ84 C1063. Such a holding would be consistent with the bidding and South's play at trick two.

Note that it is necessary to lead the jack of clubs to defeat the contract. Any other club lead would give South a club stopper and hand him the contract. Note also that declarer is not credited with the king of clubs, because, if he had that card, he would presumably have played a club at trick two to assure the contract.

2. There is no chance of making the hand unless the diamonds are divided 4-4, so the best thing to do is to try to establish the nine of diamonds as the twelfth trick.

Trump the heart lead in dummy, ruff a diamond, trump another heart, and ruff another diamond. Now trump the ace of hearts and ruff the third round of diamonds.

Draw trumps, enter dummy with a club, and cash the ace of hearts and ruff the third round of diamonds.

Draw trumps, enter dummy with a club, and cash the ace of diamonds, discarding a club. If both opponents follow to the ace of diamonds, you discard another club and congratulate yourself on making what was really a poor slam contract.

RIPLEY'S BELIEVE IT OR NOT

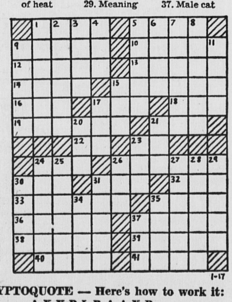
DAILY CROSSWORD

ACROSS
1. Red deer
5. Scrutinize
9. —— Antoinette
10. Edible aroids
12. Shun
13. Constellation
14. Darnel
15. Biblical weed
16. Mother of Irish gods
17. Bed for a barn animal
18. Sheltered side
19. More recent
21. Office of Strategic Services: abbr.
22. Paul Bunyan's pet
23. Biblical city
24. Man's nickname
26. Walks on
30. Camp bed
31. A son of Jacob: Bib.
32. Before
33. Blackguard: sl.
35. Kind of chop
36. Bay window
37. Narrates
38. Blue
39. An immature seed
40. Soaks flax
41. Unmarried woman

DOWN
1. Capital of Cuba
2. Biblical mount
3. To float, as at anchor
4. Golf term
5. Tale
6. Caution
7. Tibet gazelles
8. Ropes with running knots
9. Good conductor of heat
11. Snick and ——
15. Vehicle
17. Bewitch
20. Little child
21. Metallic rock
23. Footed vase
24. Needier
25. Dress
26. Black, viscous liquid
27. God over the winds
28. Parts of oil-digging equipment
29. Meaning
30. Handle of a whip
31. Erases: print.
34. Examination
35. Son of Jacob: Bib.
37. Male cat

MITER OUTDO
ISERE USHAS
SLANT NEARS
SER ARC TEA
SKIES
PLATED ODOR
RAGES SNARE
OGEE EAGLET
RAFTS
ADS UTE PAS
DINAR ERUPT
DRAMA NORSE
SEPAL SWEET

Yesterday's Answer



DAILY CRYPTOQUOTE — Here's how to work it:

A X Y D L B A A X R
is L O N G F E L 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

ASVDJ SLN EFV CALUJ, SIU CALUJ EFV CRIU.—EFVPNL

Yesterday's Cryptoquote: A VARIETY OF NOTHING IS BETTER THAN A MONOTONY OF SOMETHING.—RICHTER

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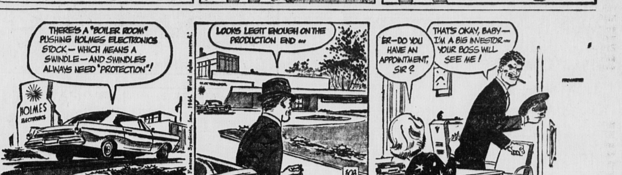
OUR BOARDING HOUSE MAJOR HOOPLE

GRANDMA

MICKEY MOUSE

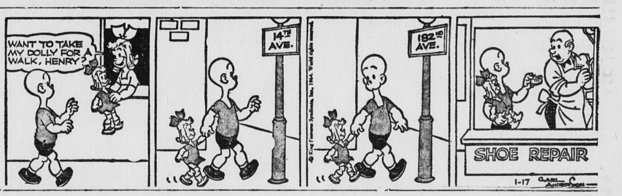
SECRET AGENT X-9



ETTA KETT

NUBBIN

HENRY



MUGGS & SKEETER

JOE PALOOKA

THE LONE RANGER

L'IL ABNER