

July, 1974

Report ESL-R-553

AN EVALUATION OF COMPUTER-ASSISTED DISPLAY-ADS LAYOUT
IN AN OPERATING NEWSPAPER ENVIRONMENT

by

Robert M. Elkin

This report is based on the thesis of Robert M. Elkin submitted in partial fulfillment of the requirements for the degree of Bachelor of Science at the Massachusetts Institute of Technology in May, 1974. The work was made possible by a grant extended to the Electronic Systems Laboratory by the American Newspaper Publishers Association.

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Electronic Systems Laboratory
Department of Electrical Engineering
Massachusetts Institute of Technology
Cambridge, Massachusetts 02139

FOREWORD

This report is based upon a thesis presented by Robert M. Elkin to the M.I.T. electrical engineering department in partial fulfillment of the requirements for the degree of Bachelor of Science in Electrical Engineering. Only minor changes in his original manuscript have been made.

The job of evaluating an interactive-computer approach to display-ads layout was undertaken with several objectives in mind. We wanted to gain experience in the use of a computerized layout system in true operational environments; we wished to test the soundness of the approaches taken in the design of the layout system and to note any deficiencies and shortcomings that should be corrected; we wanted to determine any productivity gains that might be possible through use of interactive-computer layout (they turned out to be substantial); and we needed to know if we have a satisfactory approach to newspaper structuring and display-ads layout upon which we can build a news-layout-module, thus achieving a complete dummy through use of an interactive computer.

Some progress has been made in interactive-computer layout of the news, a much more complex problem than ads layout. Development of automatic news-layout procedures is the next step among several that must be taken in order to reach the important goal of complete newspaper composition without need for paste-up.

J.F. Reintjes
ANPA/MIT Newspaper Project

ABSTRACT

An interactive, computer-assisted system for laying out display advertising in a newspaper has been used to lay out two newspapers. A layout of an issue of the Boston Globe was simulated in the laboratory and an advertising dummy of an issue of the Worcester Telegram was produced at the newspaper's office, in real-time and in parallel with their manual layout operation. The system, in each case, successfully positioned almost all the ads automatically in 20 minutes or less, compared with the minimum of three man-hours required manually. Areas for possible modification of the system are outlined which will enhance the effectiveness of future systems of its kind and help tailor them to particular newspaper production environments.

ACKNOWLEDGMENTS

Thanks are expressed to Mr. John O'Brien and the Boston Globe and to Mr. Jim Andreopoulos and the Worcester Telegram for their important assistance in supplying the materials and facilities necessary to carry out this project and for the time they spent evaluating the results.

The work reported here was supported in part through a grant to the Electronic Systems Laboratory from the American Newspaper Publishers Association.

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CHAPTER 1

INTRODUCTION

The experimental Display Ads Layout System developed at the Electronic Systems Laboratory employs an on-line interactive computer system for makeup and layout of display advertising in a newspaper. Currently implemented on M.I.T.'s MULTICS (Multiplexed Information and Computing Service) time-shared, general-purpose computer facility, the system first creates the structure of the newspaper and then locates each display ad on a page according to a set of prescribed rules and policies. The resulting ads dummy is then displayed on a cathode-ray-tube terminal where it can be edited. An important feature of the system is its interactive capability whereby a user continuously monitors the decisions of the computer and is able to modify policies or results at various stages during the makeup and layout process in order to meet any new situations that may arise.

Prior work at the Electronic Systems Laboratory by Parker (1) and Kan (6) designed and implemented an experimental system for display ads layout. Initial testing demonstrated the ability of the algorithms to assign ads to pages for a limited 28-page test newspaper.

Layout of display advertising represents only one part of the larger process of pagination in which advertising, editorial copy and graphics are input, edited, and electronically formatted to produce full pages ready for output on a suitable device. This

total computer-assisted pagination approach leads to greater productivity, efficiency, flexibility, and tighter management control over the process of manufacturing a newspaper.

In this experiment, we analyze the effectiveness of the Display Ads Layout System by testing it in a real newspaper environment. Efforts were made to get a quantitative and qualitative evaluation of its applicability under actual operating conditions. Materials and data were supplied by the Boston Globe and Worcester Telegram.

In general, the areas of study included:

1. The defining of makeup and layout policies.
2. The laying out of issues of the two newspapers.
3. A comparison of results with an actual issue previously laid out manually by newspaper personnel.
4. Recommendations for modifications or extensions of the system based on the experimental results.

The first step involved a simulation of an issue of the Boston Globe. Makeup and layout policies were first derived from an analysis of past issues. A Tuesday issue of the morning edition was selected for the purposes of the experiment. Issues for several Tuesdays were laid out to fine-tune the policies. A computer listing of advertising was then obtained from the Globe for the January 8, 1974 issue. A layout was produced and a pasted-up dummy was submitted to the Globe layout staff for evaluation.

The second step in the overall experiment involved bringing a cathode-ray-tube terminal to the offices of the Worcester Telegram

on Thursday, March 7, 1974, and running the ads-layout system in the M.I.T. computer in parallel with their manual layout operation for the next day's morning edition of the newspaper. The makeup and layout policies were derived earlier from a set of written guidelines used by the Telegram's staff and from discussions with the layout supervisor. The computer-generated advertising dummy was later evaluated by the layout supervisor of the Telegram.

Prior to the actual start of the experiment, some upgrading of the original system software was required. The capacities of the data bases had to be increased to accommodate a regular newspaper, and several programming deficiencies had to be corrected. In addition, several new editing programs were written to facilitate the system operation.

CHAPTER 2

OVERVIEW OF THE DISPLAY-ADS LAYOUT SYSTEM

This section presents a brief description of the goals and design of the experimental Display-Ads Layout System. A more detailed discussion of the actual system specifications and algorithms can be found in the technical report by Kan (6).

SYSTEM GOALS

The principal objective of any advertising layout system is to place all the ads in their scheduled newspaper issues. A system should strive to minimize the size of the issue while at the same time meeting the news-hole requirements of the editorial departments. Advertiser satisfaction should be maximized by trying to fulfill their advertising placement requests. In addition, the system should produce a "quality", or aesthetically pleasing layout by conforming to a particular layout style or policy of the newspaper.

There have been a few efforts to automate the advertising layout process. One approach simply uses a cathode-ray-tube terminal as a scratch pad for manually laying out advertising. This approach only replaces paper and pencil with an electronic device. Several newspapers are using a batch-processed computer system whereby the computer lays out all ads in a single pass without human assistance (see Jaffe (2)). This implementation is limited in its flexibility because the lack

of human-computer interaction removes much of the element of user control over layout. One consequence is a greater number of ads that have to be manually positioned than when using an on-line interactive system. Another is the likelihood of a long turn-around time.

The interactive Display-Ads Layout System employed here gives the user full control over the layout process. The newspaper can select from a number of alternative styles or mechanisms in defining an initial set of policies and rules which will guide the system in producing an advertising dummy. The user continuously monitors the progress of the layout, and through interactions with the system, modifies or overrides these policies to insure that the previously outlined objectives are met. Since part of the process of layout is subjective, the user is asked to review the decisions of the computer and to choose between alternate, but equally acceptable, ways of structuring the ads dummy and positioning the ads.

SYSTEM OVERVIEW

Conceptually, the organization of the Display-Ads Layout System can be viewed in two ways. First, the system is composed of a set of makeup and layout policies which are separate from the computer algorithms which operate on the basis of the policies. These policies influence the structure and style of the newspaper. The separation of policies from the algorithms allows a newspaper to choose different policies for different editions without need for reprogramming.

Secondly, the process of laying out display advertising is divided into two phases. During makeup, the structure of the newspaper is determined by calculation of the edition and department sizes and then production of a makeup dummy which shows the order in which departments appear in the sections and the available news holes. The layout phase then assigns the ads to pages.

As shown in Fig. 1, the system consists of five elements: display-ads data file, makeup policy, layout policy, makeup process, and layout process.

The display-ads data file stores all the information about the ads scheduled to run in an issue. It contains the dimensions of the ads and a department assignment or run-of-paper (ROP) designation. Each ad can also be classified by type (for system recognition of competitive advertising), designated as a coupon or color ad, and/or preset to a particular relative page location and position within its department. This information would normally be entered when the ad arrived at the newspaper, and could be edited if the ad's specifications changed.

The makeup policy provides the guidelines to the system for structuring the newspaper issue. It tells the system the number of sections and departments in the issue and what strategy is to be used in determining the total edition and individual department sizes (fixed department size, fixed news hole, fixed news/ads ratio, or fixed news/ads ratio with an upper or lower limit for the news-hole size).

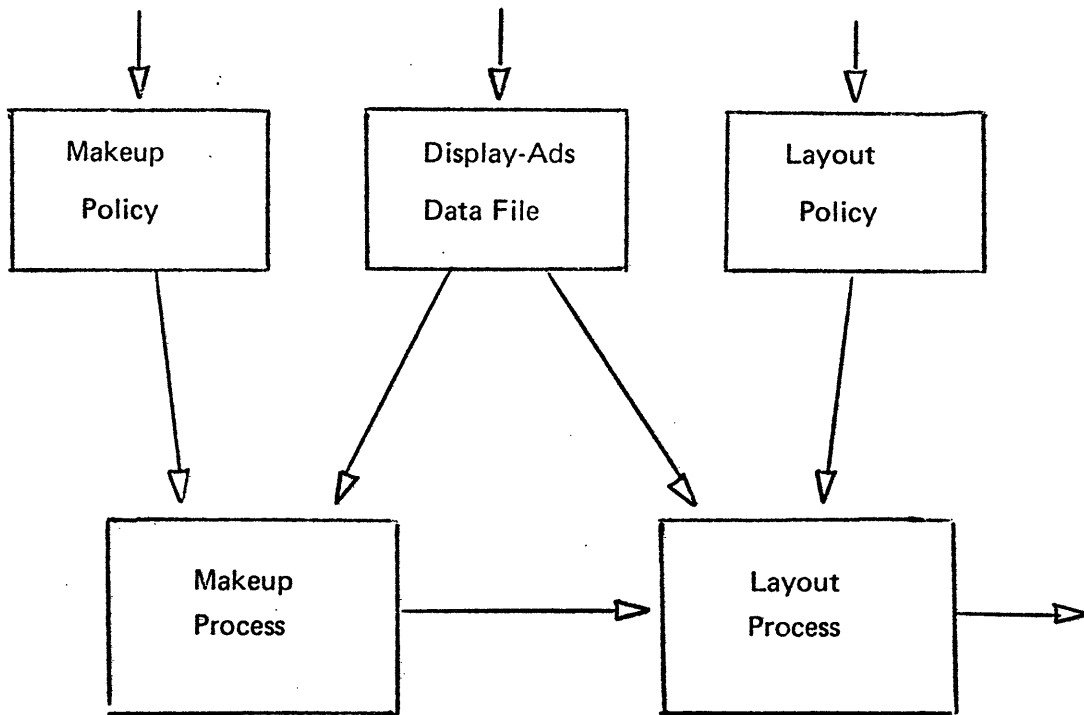


Fig. 1 Block Diagram of the Display-Ads Layout System

This policy indicates how to assign and then sequence the departments within the sections and whether or not the department must start on an even or odd numbered page. In addition, it allows space to be reserved within a particular department strictly for news copy (non-ads area) or for a particular feature such as a TV schedule (fixed item).

The guidelines for page-layout style and ads distribution within a department appear in the layout policy. In determining the policy rules for each department, a newspaper can select from a number of different single- or double-page layout styles such as right- or left-hand pyramid. The page order in which ads are placed on pages is controlled by the ads-distribution type (heavy-front, central-peak, or heavy-end). The policy also specifies whether buried ads are permitted in a department and allows the setting of a maximum percentage of ads that can be assigned to a particular page.

Once the makeup and layout policies have been defined and the ads entered into the display-ads data file, a newspaper can begin advertising layout by initiating the makeup phase to determine the structure of the issue. As shown in Fig. 2, the size of the departments and the whole issue are calculated first and displayed to the user on his cathode-ray-tube terminal. He has the option of accepting the results or modifying the department sizes. The system then assigns departments to sections. Since the positioning rules in the makeup policy allow a department to be included in more than one section,

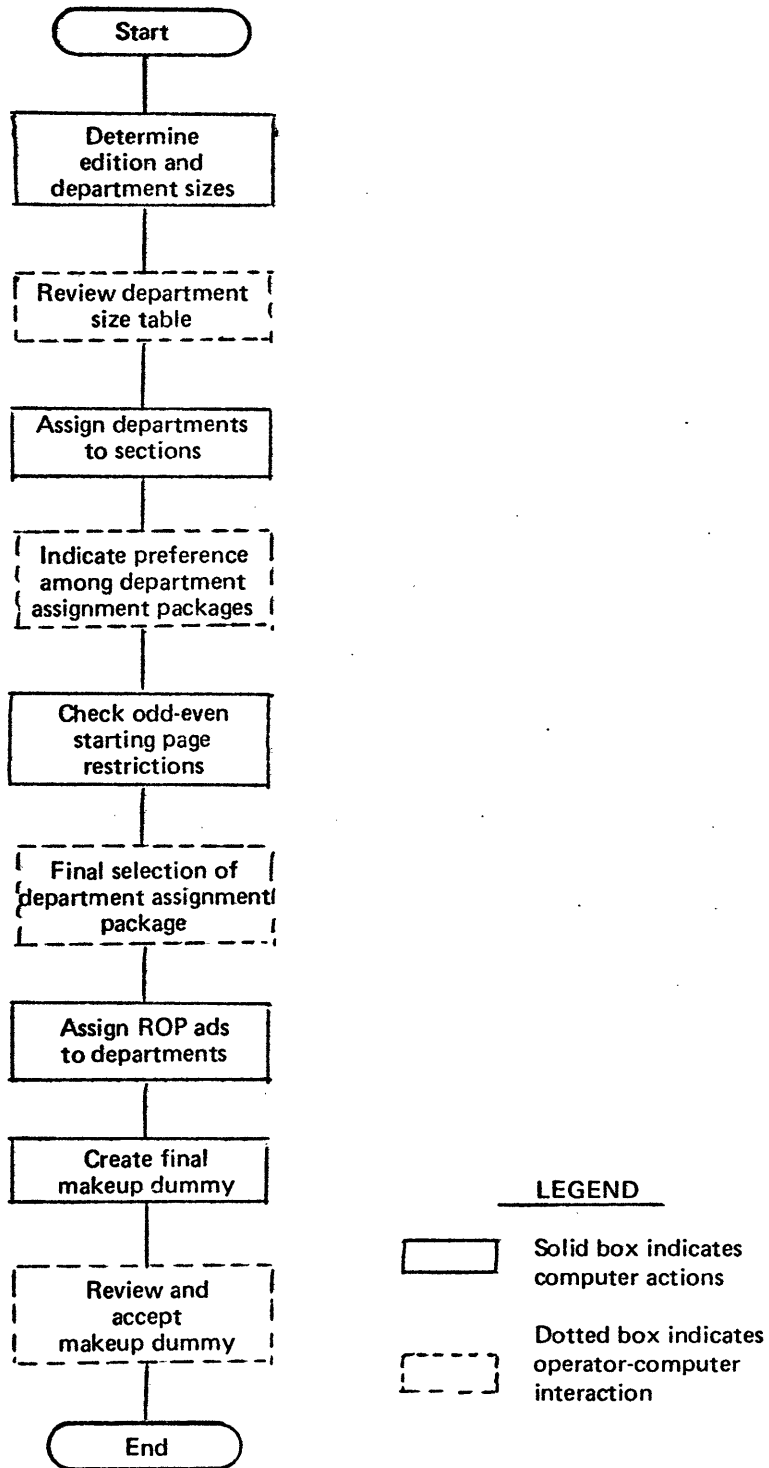


Fig. 2 Major Steps in the Makeup Process.

more than one feasible department assignment package may be produced. In this case, the user is asked to indicate his preference. Processing continues with a check to see if the odd-even starting page restrictions of each department can be met with the selected package, and then the operator is asked to make his final selection. Run-of-paper (ROP) ads are then assigned to those departments which accept them. Finally, the finished makeup dummy is displayed and can be further revised.

The makeup dummy and layout policy serve as inputs to the layout phase which assigns each display ad to a specific page and positions it on the page according to the prescribed style. The user is given the option of laying out the whole edition, an individual department, or specific pages within a department. The basic algorithm (see Fig. 3) first allows the designation of more non-ads areas and the presetting of additional display ads. Ads are then sorted by width and by height, and preset ads and fixed items are pre-assigned to pages. Tall ads (heights of at least $5/6$ of the page height) are placed first, then large ads (areas of at least $1/4$ of the total page area), and finally the remaining left-over ads, according to a specific algorithm. In the process of actually trying to locate an ad on a specific page, tests are made for a conflict of ad "type" to avoid placing competitive advertising on the same or facing pages, and for overlap of the perimeters of coupon ads. At the completion of layout, the system lists all the display ads which could not be placed

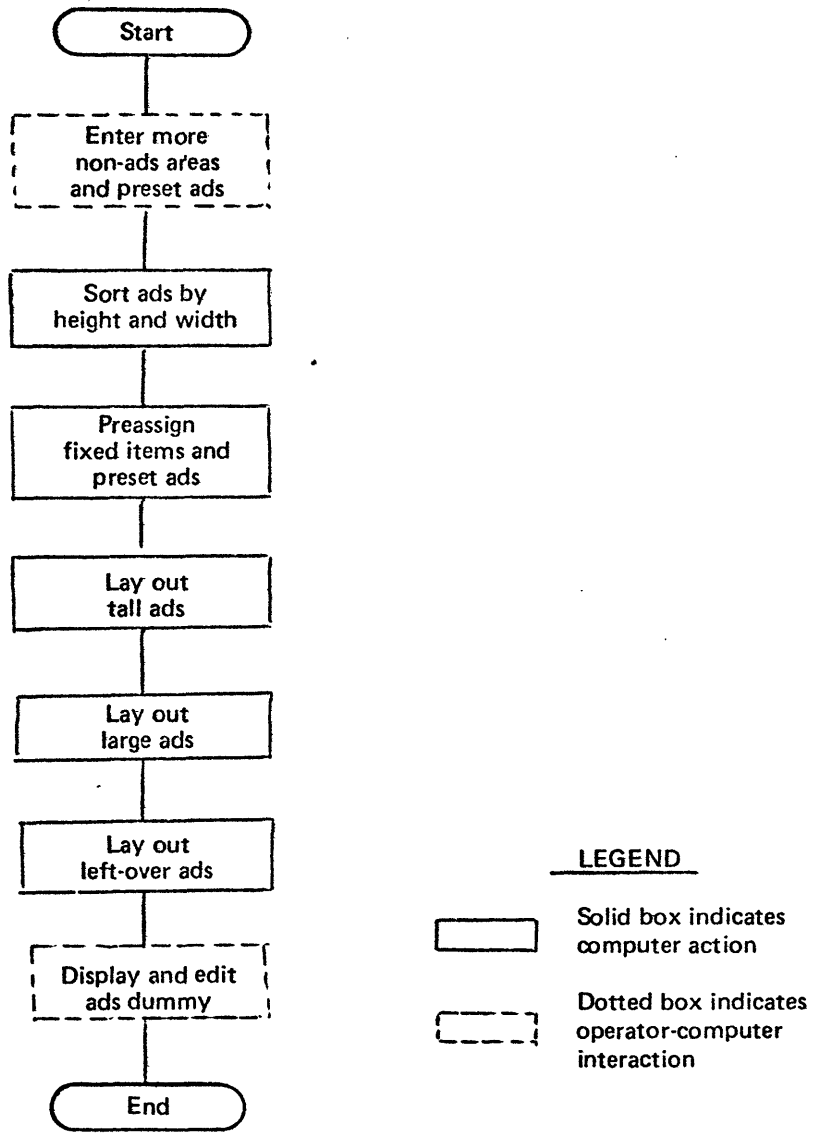


Fig. 3 Major Steps in the Layout Process for a Department.

under the specified layout policy and allows the operator to manually edit the resulting ads dummy.

It is possible that as the operator edits the ads dummy, he will find a need to change the structure of the issue in order to place all the ads. The speed of the automated system gives him the flexibility to experiment with different structures and layouts before selecting the final ads dummy.

CHAPTER 3

LAYOUT OF AN ISSUE OF THE BOSTON GLOBE

In this chapter, the simulation of the advertising layout of an issue of the Boston Globe is described, including the results of the subsequent evaluation of the computer-generated ads dummy by the Globe's advertising layout supervisor. Using the Display-Ads Layout System, we were able to produce what the Globe considered to be an acceptable ads dummy in 15 minutes. A minimum of three hours is normally required to produce the dummy manually by their current layout staff.

DERIVATION OF MAKEUP AND LAYOUT POLICIES

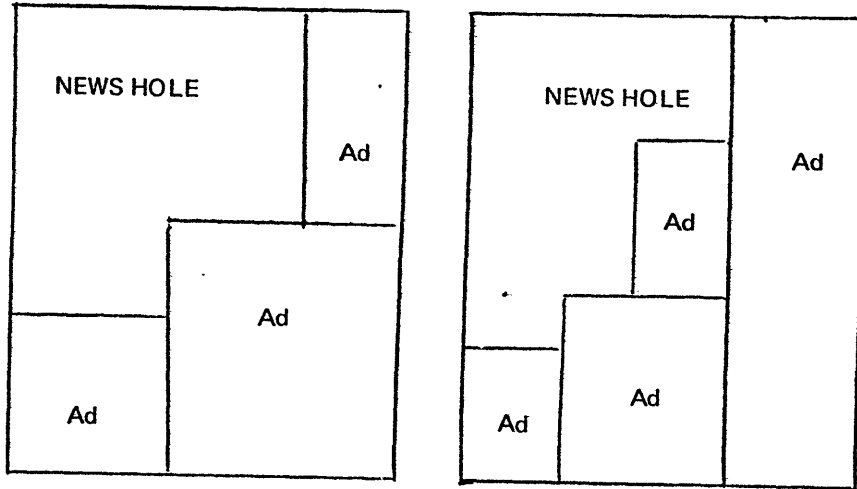
The experiment began with the derivation of a set of makeup and layout policies for the Globe. The Tuesday morning edition was selected since it usually contains an average mix of news and advertising. Policies were initially determined through an analysis of several past issues of the Tuesday version of the newspaper and they were further fine-tuned during a series of practice layouts.

The final makeup policy derived for the Tuesday edition is listed in Appendix A. The Globe is a full-size newspaper with page dimensions of 8 columns by 300 agate lines. It was found to consist of ten departments: News, Editorial, Sports, Living (Women's), Arts, Finance, Classified (advertising), Obituaries, Comics, and Radio-TV.

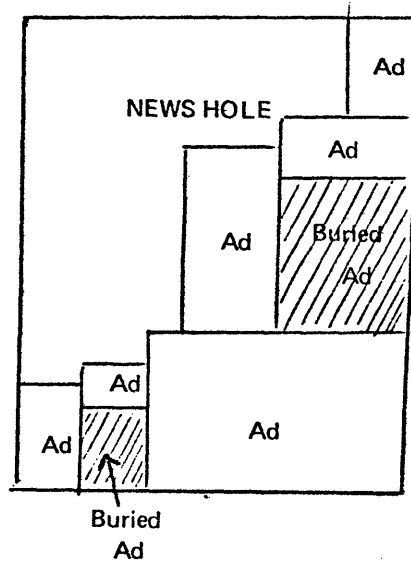
Department size is determined either absolutely (e.g. Editorial department is two pages) or by using a target minimum news-hole size. The newspaper aims to have a total of 150 to 160 columns of news in any weekday morning issue. Ads are prohibited from the first three pages of the News department, the two pages of the Editorial department, and the first pages of Living and Sports. Three types of competitive advertising were also identified: bank, air (airline), and gas (gasoline companies); these were specified as part of the makeup policy.

The current system requires that the number of sections in an edition must be specified as part of the makeup policy. Since the Tuesday morning edition is rarely larger than 56 pages, a two-section structure was defined. However, should the edition size exceed 56 pages, press requirements at the Globe would dictate using four sections and consequently, a different makeup policy would be needed.

The Globe uses a fairly consistent layout policy (see Appendix A) for all its departments. Where possible, a double-right half-pyramid layout style is used, and buried ads are allowed only in the Arts department which contains many small ads (see Fig. 4). To accommodate stock market tables in the Finance department, a maximum ads occupancy was specified for its first three pages, though this later proved not to be consistent with actual Globe policy. An ads-distribution method of heavy-front was generally used since the Globe tends to place larger ads in the front pages of the departments. A top margin of 15 lines was also chosen as the minimum amount of news space required



(a) Double-Right Half-Pyramid Layout Style
(no buried ads)



(b) Single Half-Pyramid Layout Style
(with buried ads)

Fig. 4 Sample Page Layout Styles.

at the top of a page if advertising did not extend for a full column depth.

As with many newspapers, several large advertisers are given priority placement for their ads. The current system lacks an automatic mechanism for handling this and therefore it is necessary to preset these ads. In the case of the Globe, the priority ads (Filene's, Jordan Marsh, Gilchrists, etc.) were placed in a specified order, beginning with page 4, the first available page in the News department.

Once these policies were derived and tested, a listing of ads for the January 8, 1974 issue was secured from the Globe. These ads were entered into the computer. A final ads dummy was then created using the Display Ads Layout System in 15 minutes.

To show how the results would appear in a completed newspaper, the actual ads were extracted from that day's issue and were pasted in the computer-assigned positions. The news hole was then filled in manually with news clippings and the paste-ups were photo-reduced. A copy of the results was submitted to the Globe's advertising layout supervisor for review and comparison with the actual issue. Copies of selected pages from the paste-up ads dummy are presented at the end of this chapter. They illustrate the influence of the makeup and layout policies on the final ads dummy.

ANALYSIS OF THE COMPUTER-GENERATED LAYOUT

The evaluation of the ads layout by the Globe and a comparison with the actual issue which had been manually laid out indicates that the Display-Ads Layout System can produce an acceptable layout of the Globe with a significant time savings over manual procedures. As stated before, it took 15 minutes using the computer, compared to at least 3 man-hours manually. Almost all of the ads were placed automatically and most of the manual editing that was done resulted from program bugs in the existing implementation on the M.I.T. computer. Few faults were found with the computer-generated layout and all of these could be traced to minor differences between the actual Globe policies and the makeup and layout policies which were used. These differences would have been very difficult to discern without a prior meeting with the layout staff of the Globe. Examples include the method of giving priority placement to large advertisers and the restriction of advertising from the top half of the first page of the Financial department.

Both the computer-generated layout and the actual issue consisted of 44 pages. The section sizes and page breaks were different because, unknown to us originally, the Globe prefers using section sizes which are multiples of four pages to optimize press usage. In addition, the number of sections currently is determined not only by the total number of pages in the issue, but also by the current inventory of newsprint (rolls and half-rolls). The latter policy was recently

introduced as a factor in the section number decision due to the news-print shortage. Both the Globe's system and ours require the layout person to determine the number of sections manually. The actual issue contained two sections of 20 and 24 pages, compared to two sections of 22 pages each in the computer-generated dummy. However, the Display-Ads Layout System did give us the option of selecting a 20/24 or 24/20 makeup dummy structure by providing a choice of department assignment packages during the makeup phase. We arbitrarily chose the 22/22 option.

As expected, some department sizes were different (see Fig. 5). The initial news-hole sizes used in the makeup policy varied a bit from the target figures supplied by the Globe after the experiment. Implementation restrictions in the current computer layout system required all ROP ads to be assigned to the News department. However, the Globe, like many newspapers, will sometimes selectively place ROP ads in other departments to arrive at the target news holes. Our system does not allow splitting of pages between two departments, though this is a frequent practice of the Globe. Consequently, there would be a tendency towards larger initial department sizes and news-holes. To compensate, ROP ads would have to be assigned selectively to some departments to decrease the news-holes to their target values. Further affecting the department sizes was an 11-column "Learning" ad which was preset on two facing pages in the News department though it appeared in the Living department in the actual issue.

Boston Globe

Issue of Tuesday, January 8, 1974.

<u>Department Name</u>	<u>News-Holes (in columns)</u>			<u>Number of Pages</u>	
	<u>Target</u> ¹	<u>Makeup Policy</u> ²	<u>Computer Dummy</u> ³	<u>Actual Issue</u>	<u>Computer Dummy</u>
News	50	60	64	14	18 ⁴
Editorial	16	16	16	2	2
Sports	27	19	21	4	3
Living	15	12	13	5	3
Arts	8	3	8	2	2
Finance	28	24	24	5	4
Obituaries	3	0	0	2	2
Comics	8	8	8	1	1
Radio-TV	5	6	5	1	1
Classified	<u>0</u>	<u>0</u>	<u>0</u>	<u>8</u>	<u>8</u>
Totals	160 col.	148 col.	159 col.	44 pgs.	44 pgs.

¹ From data supplied by the Boston Globe after the end of the experiment.

² From the makeup policy derived from an analysis of past issues.

³ From the final computer-generated layout.

⁴ An 11-column, 300 line ad preset in the News department in the computer layout actually appeared in the Living department in the published issue. This accounts for two of the four page difference between actual and computer results.

Fig. 5 Comparison of Actual vs. Computer-Generated News-Holes and Department Sizes for the Boston Globe.

It was discovered afterwards that roughly a full page of advertising was omitted from the computer layout because these ads were not included on the computer ad listing provided by the Globe. Apparently, these ads had not been released by the advertisers at the time the printout was generated and the Globe's advertising staff later contacted these advertisers by telephone to confirm the space reservations.

The final news hole of the computer layout fell within the current 150-160 column requirement of the Globe. Note that the Obituary department was assigned a fixed size of 16 columns in the makeup policy which was to include both "news" and advertising. Normal Globe policy calls for 3 columns of news in that department. Also, the makeup policy assumed an 8-page Classified advertising department, the same size as in the actual issue.

The layout program was able to place 90 of the 92 ads without manual intervention. A "bank" advertisement could not be initially placed in the News department because the computer system is designed to prevent the assignment of competitive advertising to the same or facing pages. In this particular issue, there were too many "bank" ads in relation to the number of available pages in the department. Consequently, the rule had to be overridden and the ad placed manually. An alternate solution would have been to reassign the advertisement to a different department. The other unplaced ad could not be initially placed in the Living department because of a possible violation of

the specified strong pyramid-right layout style. It was assigned to page 18 of the computer-generated ads dummy and the entire page was relaid out manually.

Thirteen ads were preset prior to layout. Eight in News and two in Arts were placed to reflect priority ad placement. Three in Living were preset since they were sold to appear on the same page as the Globe's "Confidential Chat" news feature. However, a program bug which required all preset ads to be preassigned to absolute locations instead of just to a particular page with no location specified, resulted in two pages (pages 7 and 18) being manually edited to conform to layout styles.

The Finance department was the only place where substantial manual revision was required, and also the department which varied the most from the actual Globe layout style. Ads were moved within the department to allow the fitting of the stock-market tables in the paste-up dummy. In addition, it was not known prior to the experiment that the Globe reserves the top half of the first page of this department for news copy and that the New York Stock Exchange tables are always located on the first two facing pages following the front page of the department. This could be easily handled by the Display-Ads Layout System by modifying the makeup policy. The top half of the first page could be defined as a non-ads area. To accommodate the stock market tables, ads could also be prohibited from the second and third pages of the department. If these pages initially do not

face, the page order of the department can be changed at the time the operator reviews and edits the ads dummy.

There were four additional instances in the News and Radio-TV departments where one-column ads were moved to allow the fitting of news copy. This can be considered acceptable editing of the ads dummy for the purpose of optimizing the shapes of the remaining news-holes prior to news layout.

Several examples of display-ads layout achieved in this part of the experiment are presented on the next several pages. In addition, each example is accompanied by a short description of what features of the automated system were used to create the particular page layout.

The entire newspaper is shown in Appendix C as it would appear had it been laid out through use of the Display-Ads makeup system. It should be borne in mind that the Display-Ads system only structures the paper and creates a display-ads dummy. To gain the effect of a completed newspaper we have manually pasted up the display ads and filled in the news holes.

Page 1.

This is the first page of the Tuesday, January 8, 1974 issue of the Boston Globe. The news copy was lifted from the actual issue. To keep this page free of ads in the computer-generated ads dummy, the first page of the News department was classified as a non-ads area.

Guide to features

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 LEADERSHIP 24
 LEADERSHIP 24
 LEADERSHIP 24

The Boston Globe

Jan-uine article

Vol. 205, No. 8 © 1974, Globe Newspaper Co. *

TUESDAY MORNING, JANUARY 8, 1974

Telephone 258-8000

44 Pages—15 Cents

STATE OF THE STATE



GOV. FRANCIS W. SARGENT

No new taxes, Sargent pledges

Here are the highlights of Gov. Francis W. Sargent's address yesterday:

- Promised no new taxes.
- Pledged an additional \$117 million in aid to local communities.
- Proposed cost of living increase for persons on welfare, veterans and the elderly, and new spending for children.
- Urged creation of a state Council on Federal Affairs to oversee programs affecting the state.
- Called for creation of a Crime Prevention Bureau.
- Urged tighter handgun control.
- Urged creation of an Office for Citizen Participation in state government.
- Said he'll refer bills for reorganization of state government.

Details, Page 4

STATE OF THE CITY



MAYOR KEVIN H. WHITE

White cites as issues taxes, schools, crime

Here are the highlights of Mayor Kevin H. White's address yesterday:

- Urged Boston's citizens to help make Boston a model for "urban revitalization" in the next decade.
- Asked for support of two major items in his 1974 legislative package. One bill calls for the state to reimburse the city 20 percent of the revenue lost because of tax exemptions for schools, hospitals, etc., the other would end tax exemptions for private profit-making businesses on Post Authority land.
- Focused on three major problems facing Boston—fiscal stability, education, and crime.
- Cited achievements in his year-long "austerity" program, urged reform of the school system, and called on citizens to make crime control a "personal responsibility."

Details, Page 5

Mayors are inaugurated in many Bay State cities. Stories, Page 3.



It's 7:45 a.m. but it's still dark as Quincy High schoolers prepare to board bus on Dorchester street in Scituate on first day back to school under new daylight time system. (Globe photo by Ullrich Wechs)

Daylight saving's untimely return leaves Bay Staters in the dark

In winter I get up at night and drive by yellow candlelight. In summer quite the other way, I have to go to bed by day.

By Ray Richard Globe Staff

There was no oil crisis when Stevenson wrote those words in 1885, but John Feley of Swampscott found them appropriate yesterday morning when he awakened his daughter, Susan, 5, and told her to get ready for kindergarten. It was the first school day under the new Daylight Saving Time and it was dark, and Susan wasn't accustomed to getting up before sunrise.

"Why do I have to get up when it's still dark?" she asked. Her father told her about the fuel shortage and that fuel is needed to make electricity and if it's darker in the morning, it will be lighter at night and in that way the country will save fuel.

When that failed to impress her, he turned to Stevenson's verse. That she understood, and she got up. Other people who aren't impressed with explanations about the fuel shortage, but who woke up late in daylight, had to rise and shine before the sun did. Many were good natured about it. Brockton school children boarding their bus at 7:05 a.m. greeted driver Ray Coy with "Good evening."

Other children said they felt "grown up" to be out in the dark. In Scituate a little girl waiting for her school bus suggested: "We ought to have candles to see by. It's so dark going up the street."

But some didn't cope with the late darkness as easily as they thought they would. Kingston businessman Russell Keith, who usually takes the 7:14 a.m. bus to Boston, planned to take the 6:45 instead because of an early appointment. He missed the early bus, blaming the darkness, was unable to get on the 7:14, crowded because others had missed the earlier bus, and had to wait until 7:30.

TIME, Page 9

Kissinger reportedly doubtful Egypt will approve Dayan plan

By Yusef Elizar Washington Post

JERUSALEM — US Secretary of State Henry A. Kissinger told Israel's minister of defense Gen. Moshe Dayan, that his proposals for an agreement for the disengagement and separation of Israeli and Egyptian troops are "generous." However, he expressed doubts that "all their details will be accepted by the Egyptians."

with the Soviet Union and Egypt to obtain their reactions to the Israeli disengagement plans. As had already been reported, Dayan suggested a unilateral Israeli withdrawal in which Israel would move back its troops, in stages, to the Mitla and Giddi passes in the Sinai desert without ruling out the possibility of a further withdrawal in the future. In return for their pullback, the Israelis must on a "thinning out" of Egyptian troops east of the Suez Canal and especially on limiting the quantity of armor and antiaircraft missiles that will be allowed.

MIDEAST, Page 8

INSIDE:

The Federal Energy Office yesterday began a probe into oil stockpiling and possible hoarding. Story, Page 11.

France and Saudi Arabia reportedly have agreed in principle to an arms-for-oil deal. Story, Page 8.

The Supreme Court yesterday refused to interfere with Federal price controls on the nation's 165,000 independent gasoline stations. Story, Page 10.

Major oil-producing nations met yesterday but reported no decisions reached yet on price policy. Story, Page 11.

Independents losing customers to big oil firms' price squeeze

By David Rogers Globe Staff

Major domestic oil companies, despite continued reports of shortages, appear to be using their price advantage to take customers away from New England's independent dealers — caught by their reliance on expensive imported products.

While the major firms continue to supply reduced allocations at the wholesale level, their retail subsidiaries have in fact enjoyed a surplus, since warm weather and conservation have reduced demand as much as 20 percent over last year.

Large companies, which have fa-

cilities capable of storing this surplus, are no competing with the smaller independents, who in some cases pay more for their oil than they can sell for.

The price gap, up to 15 cents per gallon has existed for more than a month now, but the competition has accelerated markedly as supplies have eased in recent weeks.

Deer Woods—a Needham dealer who buys his oil for 28 1/2 cents from Union Petroleum—said yesterday that he lost about 50 customers as a winter, with some reportedly getting fuel for 29 1/2 cents a gallon.

FUEL, Page 10

UMass-city-civic coalition hopes to revive Columbia Point

By John B. Wood Globe Staff

An unprecedented coalition of city agencies, community groups, and University of Massachusetts officials has agreed in principle to an ambitious proposal to revive the Columbia Point peninsula.

The coalition, some of whose members were publicly at odds less than a year ago, hopes to create a "new town district" around the controversial UMass-Boston campus, the ragging Columbia Point housing project, and the defunct Bay-side Mall shopping area.

The "new town" would include 3000 units of new housing, to be integrated with 1000 units of existing public housing. The resulting complex would mix 1000 units of low-

income housing with 2000 moderate income and 1000 market-price apartments.

The new housing would be built by a private developer, probably with a low-interest loan from the Massachusetts Housing Finance Agency (MHFA). The cost of construction and of refurbishing existing units is estimated at \$150 million.

The proposal also suggests the creation by landfill of a 19-acre recreation area along Dorchester Bay, the revitalization of Bay-side Mall, and a new street pattern to bring disparate areas to bring disparate areas together. Total cost, including capital improvements and early land acquisition, would be about \$150 million.

The new housing would be available to UMass faculty and students,

who will start classes on the new campus next week. But it would not be intended primarily for them.

The idea is to do something for the present and for the whole peninsula, which has never been possible before," said material aide Andrew Olms, who brought the coalition together six months ago.

"Obviously, UMass is involved. The new campus has forced us to do more than spot planning for the peninsula. But this is definitely not housing for UMass. It is much more than that."

Olms and other members of the coalition were reluctant to discuss specifics until a report, now being prepared by Cambridge architect Ben Thompson, is released next week.

COLUMBIA POINT, Page 24



Ferry Puller (standing) and Lois Cash cling to wing of their airplane shortly after ditching in the Atlantic 28 miles east of Norfolk, Va., when craft ran out of fuel. Photo was taken from Coast Guard helicopter which rescued pair and took them to Virginia Beach hospital. They're in good condition. (UPI)

Yen's value cut 7% by Japan

Best gain in a year for dollar

By Fred Coleman Associated Press

LONDON — The dollar yesterday scored its biggest gain in Europe since the February 1973 devaluation, rising to its highest levels in almost a year.

A 7 percent de facto devaluation of the Japanese yen was believed to be the immediate reason.

In effect the US currency was back in business, heavily in demand, and looking very much like it was about to become once again the strongest paper money in the world.

For the first time in the dollar's long recovery, which began in July, the US currency in some European centers regained all the ground it had lost since February.

The dollar had lost some 20 percent in value floating down between February and July — after the 10 percent devaluation in February. By the end of trading yesterday, the 20 percent decrease was virtually wiped out.

Banking sources suggested that if the dollar's recovery continued at its present clip, pressure may build to revalue the US currency later in the year.

In the present economic climate, such a step would make up, within the strongest currency in the world.

The dollar's recovery appeared to be fresh evidence that confidence in the major European and Japanese currencies is being undermined by the uncertainties of the energy squeeze. The dollar's resurgence seems based on the belief that the United States, which is far less dependent than Europe or Japan on Arab oil, will be better able to withstand both oil shortages and price increases.

If the dollar's resurgence continues, it could mean that Americans will pay lower prices for Volkswagens, Sony tape recorders and other imported goods. At the same time, foreign consumers could be paying higher prices for American foodstuffs, computers and anything else they import from the United States.

Dealers said the immediate cause of the dollar's upward surge was the action by the Bank of Japan which amounted to a devaluation of the yen.

The Japanese increased the number of yen it takes to buy a dollar from 240 to 250, a jump of about 7 percent.

Dealers in Europe reasoned that if the Japanese currency was weakening against the dollar, the same thing was likely to happen with the stronger European currencies, perhaps including the West German mark. Similar de facto devaluations were thought possible in Europe.

DOLLAR, Page 32

Page 6.

Page six of the issue contained one preset ad (Filene's Basement, 5 columns by 300 lines) which had been given priority placement. In addition, the system also placed the 3-column by 60-line bank ad using the right-pyramid layout style.

35 Bay State mayors to be sworn in tomorrow

Holyoke Mayor William Taupier, who was hospitalized with stomach pains for five days after Christmas, will return to work at 10 a.m.

Taupier will be faced with decisions on the future of Holyoke's central business district and a planned revision of the city charter.

Mayor John J. Buckley, 57, will be inaugurated at 10 a.m. in the Lawrence city library, along with the rest of the city council.

High unemployment, the need for a new high school and housing deficiencies face the eight-term mayor in a year when the energy crisis and Buckley's promised fiscal austerity could restrict municipal spending.

School committee members will be sworn in at city hall at 7:30 p.m.

Mayor-elect John B. McLaughlin says he shifted the inaugural from Monday morning in city hall to 8 p.m. at Leominster high school so that more residents could attend.

McLaughlin's major concerns will be a \$10.5 million school program and employment problems in the city's dominant plastics industries.

Lynn mayor-elect David L. Phillips hopes to secure political unity in the city, improve Lynn harbor and Lynn Woods, and defend the MBTA's Blue Line to the city in his first term as mayor of Lynn.

Phillips will be inaugurated at 8 p.m. in the city hall auditorium with eleven councilmen and school committee members. Among them will be 12-term school committee member Robert E. Webber, whose one vote victory in the November election recount has been challenged by runner-up Albert Blais Jr. in Essex Superior Court.

Mayor Walter Kelliber, 60, will be sworn in at 8 p.m. at Malden High School. Kelliber will work for a Rte. 60 bypass to make room for urban renewal in Malden Center and press for a satisfactory solution to area solid waste problems.

An economical service at 8:15 a.m. will precede the 10 a.m. inaugural of 30-year-old Mayor Edgar Gadois at Marlboro High School. His father, Romeo Gadois, is a former of the city's central business district area major concerns in Quincy.

Mayor William G. Reinstein of Beverly will begin his second term in 10 a.m. ceremonies at City Hall. The 33-year-old former state representative, councilman and school committee member says he will concentrate on "making Beverly a city which people will want to come into" and promote redevelopment of Beverly Beach.

Resolution of the city's tax rate problems and development of the city's central business district are major concerns in Quincy.

Mayor Jean A. Levesque will speak on the problems of "faith in government" at completion of a new high school, sewer expansion and negotiations with city workers in his 10 a.m. inaugural address at City Hall.

The city council will meet this week to appoint a replacement for councilman-at-large Richard B. O'Keefe, who died last month. A joint committee

renewal project is scheduled to begin this spring.

Fourth term Newburyport Mayor Brian J. Matthews, 45, will be inaugurated in the city council chambers at 10 a.m. Matthews will push forward on the central business district urban renewal project, extension of the city's water and sewer lines, and a \$500,000 Federal grant for expansion of the Lord Timothy Dexter Industrial Green.

Three new school committee members will be sworn in at 8 p.m.

Third term Northampton Mayor Sen. Dunphy will be sworn in at 11 a.m. in the high school auditorium. Dunphy will be faced with decisions on school building and urban renewal projects and implementing the city's new comprehensive zoning ordinance.

Joseph R. Bianco will be the last mayor inaugurated in North Adams' old City Hall building. The 150-year-old structure which was once the stable of a business mansion is scheduled for demolition this summer. In his third term, Bianco will try to attract business tenants for a shopping mall proposed for the downtown urban renewal area.

Probably Mayor Nicholas Mavroules, 44, will be inaugurated at 10 a.m. as a state representative, which expires in November.

Waltham's Arthur Clark, president of the Massachusetts Mayor's Assn., will be sworn in by Waltham District Court Judge Kevin Doyle at Waltham Senior High School at 10 a.m. In his third term, Clark says he will press for increased state and Federal aid to the cities.

Mayor-elect John J. Rhodes will be sworn in at 8 a.m. in Westfield High School, where he has a long record of public service. Rhodes will be sworn in at 8 a.m. in Westfield High School, where he has a long record of public service.

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savings interest

COMPOUNDED DAILY — PAID MONTHLY

ANNUAL RATE	EFFECTIVE ANNUAL YIELD	4 1/2 Year Term Deposit (\$1,000 Minimum)
7 1/2 %	7.90 %	2 1/2 Year Term Deposit (\$1,000 Minimum)
6 3/4 %	7.08 %	1 Year Term Deposit (\$1,000 Minimum)
6 1/2 %	6.81 %	90 Day Notice
5 3/4 %	6.00 %	

*If the Bank is closed on a business day, the interest will be compounded on the next business day. **Interest is calculated on the daily balance. ***Interest is calculated on the daily balance. ****Interest is calculated on the daily balance.

Cambridge Bank

HARVARD 52 FENELIAN 50 PORTER 50 CAMBRIDGE MASS 02138 864-140

WEDNESDAY STORE HOURS—9:30 A.M. 'til 8:30 P.M.

Filene's Automatic Bargain BASEMENT

SEE A FINE NEW OFFERING FOR MISSES AND JUNIORS—SMASHING SAVINGS ON SECONDS

EXCITING,
COLORFUL,
WINTER
DRESSES

SOME LONG DRESSES
IN COLLECTION

\$10

SMART, VARIED LOOKS FROM FINE, NEW YORK MAKERS.

1 or 2-PC. LOOKS
LONG SLEEVE LOOKS
SHORT SLEEVE LOOKS
SHIRT WAISTS
SOME PANT SUITS
100% POLYESTER
ACRYLIC FINITS

SOFT PASTELS
DARK TONES
PLAIDS, SOLID COLORS
ORICIS, STRIPES
AND MORE
MISSES' SIZES 10 TO 16
JUNIORS' SIZES 5 TO 13

GEARED FOR TODAY'S FASHION-ORIENTED MAN
NEW QUALITY SURPLUS FROM NOTEWORTHY MEMBERS

DISTINCTIVE SUITS WITH VESTS

\$79.95 to \$115

● WOOL WORSTED
● WOOL WITH POLYESTER

Specially tailored 2 button models with center vents in solid colors, imported fabrics, or grey cloth 39 to 46 regular, 37 to 42 slim, 40 to 44 large to fit.

IMPORTED FABRIC, FINE ALL WOOL OVERCOATS

\$79.95

MEN, SEE ALL WOOL IMPORTED FABRICS INCLUDING HARRIS TWEEDS

Suits, slacks, shirts or sport shirts, dark or light, professional variety of shades in plaids, checks, stripes, tweeds, double-breasted, 39 to 46 regular, 37 to 42 slim, 40 to 44 large to fit.

UNUSUAL SAVINGS POSSIBLE BECAUSE THEY'RE CLOSEOUTS OR IRREGULARS—BE EARLY

PAY LESS FOR COLORFUL, NEW PERCALE SHEETS

50% cotton, 50% polyester, medium sheets... See the famous maker's traditional flared pocket or Famous Designer's original pattern in fit.

TWIN	FULL
\$2 ⁹⁹ - \$3 ⁹⁹	\$3 ⁹⁹ - \$4 ⁹⁹
QUEEN	KING
\$5 ⁹⁹	\$6 ⁹⁹

REGULAR CASES (PKG. OF 2) \$7.99 or \$9.99 - BOSTER CASES (PKG. OF 2) \$11.99

FROM ANOTHER FAMOUS MAKER

TWIN	FULL
\$2 ⁹⁹ - \$3 ⁹⁹	\$3 ⁹⁹ - \$4 ⁹⁹
QUEEN	KING
\$5 ⁹⁹	\$6 ⁹⁹

200 COUNT PERCALE WHITE SHEETS

FANTASTIC SAVINGS ON GOWNS FOR THAT SPECIAL DAY

FINE SHOPS SURPLUS

WEDDING GOWNS

\$19.99 to \$49.95

FEW OF A KIND

SILK FAILLES
RAYON FAILLES
RAYON CHEFFONS
BEADED TRIMS
LACE ACCENTS

OFF-WHITE
SOME WHITE
SOME ARE SOILED FROM HANDLING
SIZES 10 or 12
SOME SAMPLES IN THE LOT.

A FIRST QUALITY COLLECTION THAT WOULD SELL AT MUCH HIGHER PRICES ELSEWHERE

MEN'S CABRETTE or SUEDE LEATHER OUTERWEAR FROM A FINE MID-WEST MAKER

OR IMPORTS FROM ISRAEL, SPAIN OR TURKEY

\$65 to \$120

Fine leather or suede leather in single or double breasted, long or short coat — acrylic pile lining, rayon or silk lining — many labeled styles — choose from black, brown, tan and other — sizes 36 to 44

A GLANCE WILL TELL THE TERRIFIC VALUE BE WISE AND STOCK-UP NOW — WEDNESDAY

MEN, SAVE ON SHIRTS, TIES SHIRTS

IRREGULARS

\$4.99

Dacron polyester and cotton-lycra, solid colors, 14 1/2 to 17 in. long.

TIES

FIRST QUALITY

\$2.99

100% polyesters — stripes, plaids, patterns — all topped brand — wide variety in lot.

Page 13.

On page 13 of the News department, the system first placed the Charlestown Savings Bank ad (also a coupon ad) in the lower right corner of the page. It then stacked two ads above it, and finally placed the H.R. Block ad in the lower left corner of the page to complete the right pyramid style.



President Nixon's pet Irish Setter gets the first taste of his master's birthday cake at yesterday's party at the Western White House in San Clemente. (UPI) Other photo, Page 1.

Dog gets in his licks at Nixon's 61st birthday party

Associated Press
SAN CLEMENTE — President Nixon was honored on his 61st birthday yesterday with a surprise staff party and a large cake that left its mark on his spot coat. The scene was Mr. Nixon's ocean-view office at the Western White House. Carrying a large cake with white, pink, blue and green icing, about 20 staff members

stroled into his office to sing "Happy Birthday." As he held the cake up for photographers, the President got some icing on his fingers. He called for aid from his Irish setter King Timahoe, who also got the first taste of the sweet cake. While the dog was nibbling at a corner of the cake, Mr. Nixon leaned against another corner and got a large job of icing on the front of his maroon sport coat. Timahoe's tongue was enlisted again.

Nixon tax probe focus reportedly on 6 areas

Knights News Service
WASHINGTON — A preliminary check by congressional investigators has turned up six different areas on President Nixon's income tax returns where he could owe the government additional back taxes, informed sources said yesterday. The six areas are in addition to the two deductions involving the sale of some of Mr. Nixon's San Clemente property, and the gift of his vice presidential papers. The sources declined to estimate the amount of money involved or to identify the specific entries in question. However, it is known that committee staffers have been assigned to investigate. — Mr. Nixon's personal expense deduction of \$32,187.68 as 25 percent of the operating cost of San Clemente. — The dependency deduction for his daughter, Tricia Nixon Cox, in 1969 and 1970. — The \$150,000 sale in 1972 of Florida property that had been purchased with funds originally set aside in a trust fund for Mrs. Cox.

Pollster says Ford 76 favorite

Washington Post
WASHINGTON — Richard M. Scammon, the professional polls analyst and demographer, said yesterday —nearly three years before the next presidential election—that Vice President Gerald R. Ford is the Republican frontrunner and as of now "would run a close and perhaps winning race against any Democrat." Scammon made the observation at a meeting with political reporters against the backdrop of several public-opinion polls showing favorable early response to the new Vice President—and Ford's repeated contention that he does not intend to be a candidate for presidency before 1978.


Baby abandoned in hospital clinic

An infant boy was found abandoned in a green paper shopping bag yesterday afternoon in the first-floor dental clinic at the New England Medical Center on Harrison avenue. Hospital authorities admitted the baby after determining he was in good physical condition. It will care for him while police try to find his parents. and about two weeks to a month old, was wrapped in a white blanket and wearing green pajamas.

BURIAL INSURANCE
\$500 to \$5000
EVERYONE ACCEPTED
Between Ages 46-87
Call or write and give us your date of birth.
Life of America Insurance Corp. of Boston
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Pray's **SAVE 10% to 50%** EVERY ITEM IN THE STORE INCLUDING CARPETING
STOREWIDE FURNITURE CLEARANCE SALE!
Pray's SOUTH SHORE PLAZA BRAINTREE
OPEN DAILY 9:30 A.M. TO 9:30 P.M. 848-0200

Henry Block has 17 reasons why you should come to us for income tax help.
Reason 1. We are income tax specialists. We ask the right questions. We dig for every honest deduction. We want to leave no stone unturned to make sure you pay the smallest legitimate tax.



HENRY BLOCK
THE INCOME TAX PEOPLE

BOSTON — 822-8910
Boston, 120 Harvard
Boston 180 Boylston at 2nd St.
Dorchester, 222 Washington St.
Dorchester, 180 Columbia St.
Dorchester
E. Boston, 778 Huntington
Jamaica Plain
R. Boston, 300 E. Broadway
W. Roxbury, 1821 Centre St.

SOUTH BOSTON — 898-4248
Boston, 302 Main St.
Boston, Westgate Mall
Cohasset, 218 Cushing Park (Rte. 1A)
Dorchester, R. 1, Oakman Mall
Hingham, 421 Columbia St., Ph. 53
Malden, 27 Howe St.
Marshfield, Marshfield Plaza
Meyersdale, 80 Main St.
Quincy, 107 Hancock St.
Roslindale, 280 Washington St.
Weymouth, 145 E. Centre St.
Weymouth, 6 E. Centre St.

WEST BOSTON — 869-8726
Boston, 307 Temple St.
Boston, 182 Boston St.
Franklin, 18 Irving St.
Malden, 130 Main St.
Methuen, 80 Main St.
Methuen, 885 Great Plain Ave.
Needham, 211 Elm Street
Waltham, 883 Main St.
Weymouth, 157 Mt. Auburn

NORTH BOSTON — 322-5433
Arlington, 8 Medford St.
Bedford, 175 Cambridge St.
Cambridge, 188 Main Ave.
Cambridge, 182 Main Ave.
Chelsea, 100 Main St.
Easton, 728 Broadway
Holliston, 61 Pleasant St.
Medford, 21 Salem St.
Methuen, 41 Main St.
Methuen, 218 Main St.
Somerville, 8 Main, ex. 3400
Stoughton, 218 Main St.

NORTH BOSTON 869-6410
Boston, 221 Cabot
Dorchester, 38 Main St.
Dorchester, 222 Main St.
Lynn, 22 Market St.
Lynn, 153 Worcester Ave.
Lynn, 280 Lynn St.
Lynn, 333 Broadway
Franklin, 218 Main St.
Franklin, W. Shaw Shopping Center
Salem, 225 Washington St.

OTHER AREA OFFICES — 868-1271
Amherst, 88 Main St.
Charlottesville, 83 Charlottesville St.
Hingham, 421 Columbia St.
Lawrence, 303 Union
Lynn, 280 Lynn St.
Lynn, 419 Bridge St.
Lynn, 185 Central
Northampton, 33 State St.

Open 9 A.M. - 9 P.M. Weekdays - 9-5 Sat. & Sun.
OPEN TONIGHT — NO APPOINTMENT NECESSARY

Allyn
Allyn
Boston
Burlington
Cambridge
Lynn
Lynn
Methuen
Needham
Quincy

Try and beat this one.

7.90% effective annual yield on **7.50%** with Charlestown's new 4-7 year Savings Certificates.

Charlestown Savings now offers you the highest interest rate allowed by law on 4 to 7 year Savings Certificates—a full 7.50% a year. No other bank can pay you more. Many pay less.

And, when your deposit and dividends remain on deposit for the full 4 to 7 year period, your money will actually earn an effective yield of 7.90% a year.

Interest is paid from day of deposit, is compounded continuously and is guaranteed when held to maturity.* It cannot go down no matter how low interest rates may drop in the future.

The minimum deposit for Charlestown's high-yield 4 to 7 year accounts is just \$1,000. To transfer funds from another bank, simply complete the coupon and we will handle all the details.

If you prefer Savings Certificates for less than four years, several are available at recently increased rates. Of course, all your savings are insured in full.

To open your 4 to 7 year savings account, visit any of Charlestown's 11 convenient offices in Greater Boston. Or mail the coupon today.

*Federal regulations require a substantial penalty if all or part of the deposit is withdrawn before maturity. You must forfeit all interest for 90 days and the interest that you receive from date of purchase to date of withdrawal will be reduced to the regular savings interest rate during that period.

CHARLESTOWN SAVINGS
That's my bank

TO REACH ANY OFFICE CALL 482-2600 BOSTON. 55 Summer Street, 241 Union Street, 528 Tremont Street, 1515 Washington Street, 512 Commonwealth Avenue, 126 High Street, 851 Boylston Street, 1948 Beacon Street, 3111 State St., 121 Harvard Avenue, 880 HITCHCOCK, 309 W. Washington Street, CHARLESTOWN, One Tremont Square.

I enclose \$_____ for 7.50%
Guaranteed Savings Certificates, with an effective annual yield of 7.90% (\$1000 minimum).
 4 year 5 year 6 year 7 year
 Individual Joint with _____
 In trust for _____
Name _____
Address _____
City _____ State _____ Zip _____
Date of Birth _____
Social Security No. _____
Phone No. _____
Mother's m.a. name _____
Father's first name _____
Signature _____

To transfer funds to Charlestown Savings Bank from another bank or savings institution fill our information below. Enclose bankbook of account to be transferred and mail to us. We'll return your bankbook after the transfer is completed.
Pay to the order of "Charlestown Savings Bank"
Dollars _____
(less in amount of balance of original account)
Account No. _____
Signature _____
Sign exactly as on bankbook.
Important: Please be sure to enclose your bankbook.

Charlestown Savings Bank
55 Summer Street
Boston MA 02110

Page 18.

This page is the second page of the Living department. Three ads (Able Rug Cleaners, The Body Shoppe, and Pedi-Mac Shoe Co.) were sold to appear on the same page as the "Confidential Chat" news feature and consequently were preset on this page. In addition, the right-pyramid layout style had to be manually overridden for this page in order to position all the ads within the Living department.

CONFIDENTIAL CHAT

Grandmother linked to mice

Dear Miller Coaster — Thanks for the word of warning, but I had a grandmother who was the grandest "pack rat" of them all and my vivid memories of her are enough to keep the clutter around here to a minimum.

She collected old wooden ice boxes and bread boxes and you wouldn't believe the number of broken down specimens stored down in her basement.

I once spent a weekend with her when I was about ten years old, and she "cleared the livin' dickens" out of me. She sent me down to the cellar to play among the "treasures," she had collected and when I opened one of the old bread boxes, mice (or rats maybe?) were running wild inside.

I always wondered how they ever managed to get inside, but finally decided that since the doors on those old objects didn't close too securely, the mice, or whatever, could squeeze in from the tiniest opening. That's some heck of a childhood memory of dear old Grandma, isn't it?

In reality, I am not as disorganized a person as I tend to make myself out to be. It is just that I like to keep the things that interest me away from the clutter. My eyes of four little busybodies. Since I live in a rather small house, this presents a slight problem as far as all my Chat letters and clippings, accumulated over the past few years.

I'm at the stage now that when I buy my favorite coconut-filled bonbons (at \$2.35 a pound), I have to hide them from the kiddos. They'd down them in no time and wouldn't know the difference between them and the five and dime stuff. So, it isn't unusual to open up my button box and find, stashed neatly away, some pink bonbons in plastic baggies. I could conceal them in the soap box for they'd never find them there, but I'm afraid the soap odor would permeate the goodies.

I pondered your suggestion that I "learn to discard" and started to tunnel through the various places which housed my Chat paraphernalia. I became confused and finally dumped it all into three large shopping bags. It now sits in the back of the closet, nestled among umpteen pairs of old shoes. One of these fine days I promise to take 'em out to the trash so just in case I should suddenly disappear they won't have to bother trying to find me 'neath the Chat memorabilia...

Barley Pie

Paging . . .

Dear Virgo Taurus Two — Please send us your name and address so we can forward some mail to you.

Confidential Chat Editor

Those who fear

Dear Burdened Twice — As a consumer of alcoholics, I have seen your problem many times. A part of your problem is the husband, as you say. If he truly loves you, he wants the best for you. In this case, it is getting the help you need. Many have imagined fears of "disclosure" of their problem. Please be assured that with AA this is an imagined, if not paranoid problem. It must be overcome and the needed help sought out. Your health and your responsibilities to your children must take top priority. Your husband loves you and he wants you to stay yourself. Without the proper help, the one he loves may cease to be the person he knows. I don't want to frighten you needlessly, but consid-

How to make newspaper logs

Dear A Unit of Energy — Saw your request about newspaper logs and this is something I heard about quite a while ago. Roll several thicknesses of paper up as tightly as possible and secure with rubber band. Then soak them in the bathtub until they've wet all the way through. Take out and let dry thoroughly and they should be ready to use for the fireplace. I read about this in a little booklet with all kinds of hints on saving money but never did try it. Maybe you can let me know if it works.

Another idea for the fireplace which I am making came from a friend. Take cardboard egg cartons. Tear newspaper in strips — or shred it up. Fill each section with paper. Then pour hot paraffin over the whole box and let it set. When you want to start your fire, just break off one or two sections and put in fireplace (with some kindling, of

course) and your fire will really take hold quickly. Be sure to be careful melting the paraffin — I put mine in a coffee can in a pan of water and heat that way.

Perhaps Apple Blossoms could use these suggestions, too.

Home At Last

NEW!!!
FOR YOUR COMFORT...
Heavenly Soles
WITH FULL COTTON FOOT NYLON HOSIERY

Fin The Feet Will Not Pull You Under
Helps Prevent Burning Feet
Helps Prevent Offending No Itching Or Chafing
Extra Long Wear
\$1.95 PER PAIR

Colors:
BEIGE TAUPÉ WHITE
PEDI-MAC SHOE CO.
89 Temple Place, 2nd Floor, Boston
643-0972, 643-0934



... making her promise to always wear her seat belt.

now open!

a new concept in figure control

REDUCE WAIST, HIPS, THIGHS

- LOW, LOW RATES
- NO CONTRACTS
- NO LONG TERMS
- GUARANTEED RESULTS
- OPEN 7 DAYS A WEEK
- PLENTY OF FREE PARKING
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SPECIAL OPENING BONUS WAITING FOR YOU!

The Body Shoppe

A SALON FOR FIGURE CONSCIOUS WOMEN

214 HARVARD AVE., AILSTON AT COMMONWEALTH AVE. ADJACENT TO AILSTON CORNER

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SLIGHTLY USED RUGS

at Discount prices

TEL. 752-5970

20% OFF CASH & CARRY
RUG CLEANING

able rug cleaners

227 1/2 W. Main St. Ailston

PECK & PECK

From a collection of warm and wonderful *Borgana and Borgozia* current-season coats, including our best sellers. Now specially priced at just 94.00 to 130.00. Choose from knee-length and parkcoat silhouettes with super trims. Brown, black, or oyster. 8 to 16 sizes.

506 Bayshore Street, Boston @ Burlington @ Braintree @ Framingham only
Sorry, no mail or phone. No c.o.d.'s

Kakas

83 NEWBURY STREET
ORIGINATED 1898

116th January Fur Sale

"KAKAS OF NEWBURY STREET" offer one of the largest collections of furs to be seen anywhere. Our uncompromising quality, our creature style, our expert workmanship and unsurpassed values during the 116th January Sale makes this an event not to be missed. Here is a once-a-year opportunity for you to purchase furs at drastically reduced prices.

Opel F-rem Mink Coat	800
Opel Dingo South African Lamb	5250
Natural Carman Mink Hood	390
Opel Brown Northern Mink	700
Opel Champagne Svelte Lamb	440
Natural Mohair Hood	640
Opel Brown Squirrel	600
Opel Black Persian Lamb	950
Natural Grey Persian Lamb	850
Natural Coated Beaver	950
Natural Pooled Mink Fur	950
Opel Minkers Fur Coat	1300
Natural Pooled Mink	1050

All Furs Labeled in Their Country of Origin

EVERY FUR IN STOCK DRASTICALLY REDUCED!

Open Wednesday Evenings Budget No Interest Charge
116 Years of Recognized Integrity Under the Same Family Ownership

Page 26.

This is the first page of the Financial department. The layout policy called for a maximum ads occupancy of 60 per cent for this page. This page differs from Globe policy, because the newspaper requires the top half of the page to be free of ads. This can easily be accommodated in the Display Ads Layout System by declaring a non-ads area for the first page of the Financial department whose dimensions is 8 columns by 150 lines and whose lower left corner is located at page coordinates column 0, line 150.

FINANCIAL

THE FAMILY MONEY

Tax provisions for the over-65 home seller

By Alexander A. Bove Jr.
Special to the Globe

Q. I am over 65 and plan to sell my home this year. In a recent FAMILY MONEY column you discussed tax treatment on the sale of a home, but stated that different rules may apply if the taxpayer was over 65. Can you explain this?

R. M. DAVENES

A. If you are over age 65 and sell your home at a profit, all or a part of the gain on the sale (or exchange) may be tax-free, regardless of whether you purchase another home. To be eligible for the tax-free option, you must meet two tests:

First, you must be over age 65 at the time of the sale. If the day of the sale falls on your 65th birthday you will not qualify. It is permissible to enter into a purchase and sale agreement prior to that time, as long as the actual conveyancing (formal passing of title) takes place after your 65th birthday. If you are married and the property is in joint names (and you file a joint tax return for the year) only one of you must meet the age test; however, both spouses must agree to take the option.

Second, you must have owned and occupied the home as your primary residence for at least five out of the eight years prior to the time of the sale. However, the five years need not be consecutive, and periods of vacations, illness or other brief, temporary absences are not counted against you.

The tax-free portion of your profit is based on the "adjusted sales price" of your home. The adjusted sales price is the amount you receive (after commissions and legal fees) minus the fix-up costs to prepare your house for sale. (Fix-up costs must be for work completed within 90 days before the contract for sale and paid within 30 days after the sale.) If the adjusted sales price is \$20,000 or less, the entire gain will be tax-free. Once the adjusted sales price exceeds \$20,000 the tax-free amount is the proportion that \$20,000 bears to the adjusted sales price. For example, you meet both requirements above and your wife has now sold your home for \$32,000. You purchased the home 10 years ago

for \$18,000 and added \$2000 for improvements for a total cost of \$20,000. There were no fix-up costs, but broker's commission and legal fees totalled \$2800. Your tax-free and taxable gains are figured this way:

Selling price	\$32,000
Less commissions and legal fees	2,800
Amount realized	\$29,200
Less fix-up costs	None
Adjusted sales price	\$29,200
Total profit (\$30,000 less \$20,000)	\$10,000
Tax-free portion (ratio of \$20,000 to the adjusted sales price)	20,000 ÷ 10,000 = \$5,666.67, tax-free gain.
30,000	
The balance of the profit (\$10,000-\$5,666.67) or \$3333.33 will be taxable gain.	

It is possible to defer the taxable gain by purchasing another home for an amount equal to the adjusted sales price of your old home minus the amount of the tax-free portion of the gain.

In the above example, if you purchase another home for, at least \$33,333.33 (\$30,000 less the tax-free gain of \$6666.67) you may be entitled to defer the taxable gain under the rules discussed in FAMILY MONEY article of 10/30/73.

The election to take the tax-free gain may only be used once in your lifetime and it must be made on a detailed statement attached to your income tax return. The Internal Revenue Service has provided Form 2119 which should be used to report such a sale.

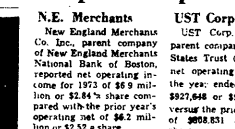
If you have already sold your home and failed to take advantage of the election even though you qualified, you may still make the election by filing an amended income tax return, provided the amended return is filed with three years of the due date of your tax return reflecting the year of the sale.

Send your questions on family money matters to: The Family Money Editor, The Boston Globe, Boston, Mass. 02107.

EXECUTIVE CORNER



Mary L. Reilly of Randolph has been elected a vice president of Quincy's Colonial Federal Savings and Loan Assn. Miss Reilly, a town meeting member with the bank since 1942, was previously treasurer of the institution which has branch offices in Halthrook and Warcham.



Claire L. Freniere has been elected a vice president of Cambridge's Cambridge National Bank of Boston, Cambridge. A lifelong resident of North Cambridge, Miss Freniere has been with the bank since 1942 and was an assistant treasurer prior to her recent promotion.

STATK STREET BANK and TRUST CO. announced appointments in the following divisions:

Personal trust — David K. Dresser, Frederick P. Stone and George L. Needham, senior trust officers; George W. Prather, assistant trust officer.
Credit and loan — Kenneth R. Brenne, assistant treasurer; Kathleen S. Camp, loan officer.
Customer services — Cynthia C. Edwards, C. Victor Rice, officers.
Corporate planning — Lowell L. Bryan, manager, corporate development.
Funds flow — Allan H. MacDonald, Kathleen A. Dadds, assistant treasurers.
Depositors service — John W. Maloon, Charles L. Short Jr., assistant vice presidents; Mary E. Olson, Robert F. Reed Jr., assistant treasurers; Donald F. McCracken, assistant secretary.

THE NATIONAL SHAWMUT BANK OF BOSTON announced appointments in the following divisions:

Trust—Peter A. Wilson, vice president; Eliza W. Kerr, pension trust officer; Charles R. Egan, investment officer.
Data processing: Winthron L. Gaizer, systems officer.
Personnel: Barbara J. Cusack, John F. Refo, assistant vice president.
HOWARD HINSON CO., Braintree-Boston, Mass. Vice president, specialty restaurants.
EISCO INC., Westwood—John D. Scanlan of Wilmington, assistant controller; Harold Gershanoff of Wayland, government sales manager.

- ▶ There are units that have been placed prudently with institutional investors. (See advertisement opposite as a matter of record only.)
- ▶ \$6,000,000
- ▶ Valle's Steak House
- ▶ 8 1/2% Senior Secured Notes Due 1993

Paine, Webber, Jackson & Curtis
Incorporated

Member FDIC/DIFM

Corporate reports . . .

N.E. Merchants
New England Merchants Co. Inc., parent company of New England Merchants National Bank of Boston, reported net operating income for 1973 of \$9.9 million or \$2.64 a share compared with the prior year's operating net of \$6.2 million or \$2.2 a share.
Net income after securities transactions was \$6.5 million or \$2.56 a share versus \$6.3 million or \$2.58 a share.

For the fourth quarter ended Dec. 31, the company posted net operating income of \$1 million or 82 cents a share versus \$1.9 million or 79 cents for the same period a year ago.
Fourth-quarter net income after securities transactions was \$1.97 million.

UST Corp.
UST Corp. of Boston, parent company of United States Trust Co., reported net operating income for the year ended Dec. 31 of \$927,668 or \$9.27 a share versus the prior year's net of \$688,831 or \$6.87 a share.

SPACE
Beat Inflation
BUY A SPACE BLNB.
824-7177

WHEN WHERE TO PUT YOUR SAVINGS
BOSTON SAVINGS BANK
Deposits in Suffolk Savings Bank
Deposits in Suffolk Savings Bank
Deposits in Suffolk Savings Bank

EGGS and POULTRY	DATE	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31
White	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Yellow	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Red	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Blue	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Green	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Black	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Grey	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
White	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Yellow	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Red	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Blue	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Green	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Black	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	
Grey	1/24	1/25	1/26	1/27	1/28	1/29	1/30	1/31	

A report on service to every business that ever got mad at the phone company.

Nothing is more annoying than having your telephones out and then waiting for service to get service at the phone company's convenience. That problem vanishes with the Communicon phone system. When you need help, we hurry to work at your convenience. We're a competitive organization, not a monopoly. So, when we promise lower phone costs, we deliver. When we promise more phone features, we deliver.



COMMOS and SLACK, BOSTON
"We knew we were going to grow rapidly, but we didn't realize how fast. Our equipment and communications systems were out of date. We needed a system that could handle our growing business and provide us with the flexibility we needed. Communicon provided us with a system that met all our requirements. We are very satisfied with the service and support we have received from Communicon."

BRANDER LIGONS, WESTWOOD
"We have been hit with a very heavy volume of calls from our customers. We needed a system that could handle this volume and provide us with the flexibility we needed. Communicon provided us with a system that met all our requirements. We are very satisfied with the service and support we have received from Communicon."

SCHEIDT BROTHERS, RANDOLPH
"One of the first things we needed when we started our business was a telephone system to handle our growing business. We needed a system that could handle our growing business and provide us with the flexibility we needed. Communicon provided us with a system that met all our requirements. We are very satisfied with the service and support we have received from Communicon."

SHOCK BROTHERS COMPANY, HAVENHILL
"We needed an advanced telephone system to handle our growing business. We needed a system that could handle our growing business and provide us with the flexibility we needed. Communicon provided us with a system that met all our requirements. We are very satisfied with the service and support we have received from Communicon."

Communicon
Telephone & Communications

Name: _____
Address: _____
City: _____
State: _____
Zip: _____

How'd you like to double your money?

Enclosed is \$_____ for the purchase of Suffolk Franklin's 9-year, 2-month Saving Certificate(s) of Deposit (\$1000 minimum, \$10,000 maximum). Make check payable to Suffolk Franklin Savings Bank.

If you wish to have funds transferred from another bank, call us or visit any of our 12 offices.

Mail to: Suffolk Franklin Savings Bank, 45 Franklin Street, Boston, Mass. 02110.
Your Signature: _____

Registration of Certificate:
Name: _____
Jointly with (if applicable): _____
In trust with: _____
Please mail to:
Address: _____
City: _____ State: _____ Zip: _____
Social Security or Tax I.D. No.: _____
Date: _____

Then sign on the dotted line.

Suffolk Franklin's 9-year, 2-month Saving Certificates pay the highest rate allowed by law, 7.9% effective yield on an per annum rate of 7.5%.

Which means that \$1000 when held to maturity is worth \$2007.67.

You've doubled your money.

Another promise, and every penny deposited is insured in full. Our 6-, 8-, 9- and 10-year Saving Certificates also offer the same high rate and yield. Shorter term Saving Certificates, ranging from 1 through 5 years and paying attractive rates are also available.

What's more, you can take advantage of Suffolk Franklin's double your money back guarantee by simply signing on the dotted line. We'll take care of all details if funds are being transferred from other banks.

Minimum investment is \$1000. Maximum is \$10,000.

Interest is paid from day of deposit, compounded daily on a guaranteed basis when held to maturity.

Just fill out the coupon with the amount you wish to invest. And then ship by fax.

Suffolk Franklin's 9-year, 2-month Saving Certificates. Guaranteed to double your money.

*Federal regulations require a substantial penalty if all or part of the deposit is withdrawn before maturity; the rate of interest on amounts withdrawn or transferred is reduced to the regular savings account rate and 3 months' interest is forfeited.

Suffolk Franklin.
The Savings Bank.
A mutual savings bank.
12 convenient offices. Tel. 482-7530

Page 31.

Because of the large number of small ads in the Arts department, the ads on this page tended to be concentrated in the right-most columns. This was found to be acceptable by the Boston Globe, though the personal preference of one of the layout staff members would be to move some of the ads to the lower left side of the page. If necessary, the layout can be changed by manually repositioning the ads after the computer-generated layout has been completed.

Page 43.

This is the only page in the Radio-TV department. The Radio-TV schedule was defined as a fixed-item of 3 columns by 300 lines and located at page location column 0, line 0. The three one-column ads found at the bottom of columns 4 and 5 were originally located above the Channel-4 ad in column 8, but were manually moved to optimize the shape of the news hole on this page. This type of editing is typical of the standard kinds of ads-dummy modifications that might be done after the computer finishes automatically positioning the ads.

Letter writers lose interest in Carol Burnett

TELEVISION / RADIO

RECOMMENDED	
8:00 pm "Maude"	7
8:30 pm "Hawaii Five-O"	7
10:00 pm "Police Story"	7
10:30 pm "Day At Night"	2
MOVIES	
8:00 pm "Ice Palace" ** 1/2	56
8:30 pm "Dead Squad"	5
9:30 pm "Nightmare"	7
11:00 pm "Heat Wave" ** 1/2	38
11:30 pm "Heat of Anger" **	7

TUESDAY MORNING	
8:00 News	5
8:30 Flying Nun	6
8:45 Sign-On Seminar	4
9:00 Farm and Market Report	7
9:30 Sunrise Semester	7
9:55 TV Classroom	10
10:00 Jack Lalane	6
10:30 Sunrise Semester	7
10:45 Daily Almanac	6
11:00 News	5
11:30 Lark in the Hay	7
11:50 Today Show	4
12:00 Jahnke	10
12:30 CBS News	6
1:00 Father Knows Best	5

TUESDAY AFTERNOON	
12:00 News	4-5-10-12
12:30 Daily Mass	27
1:00 Live Lucy	27
12:15 News	4-5-10-12
12:25 CBS News	7
1:00 Marmagac	2
1:30 Split Second	5-9
1:55 Search for Tomorrow	6
2:00 Air Star Battle	10
2:15 Beat the Clock	38
2:30 Richard Burton Joan Collins in Sea Wolf (1957), a male survivor of a torpedoed ship searches for a female survivor; unaware she's a nun	2
12:45 Primary Science	2
1:00 What's My Thing	3:00
1:10 All My Children	5-9
1:20 Mayberry R.F.D.	7
1:30 It's Your Bet	12
1:45 Jack Lalane	118
1:55 Images and Things	2

TUESDAY EVENING	
8:00 Zoom (R)	2
8:15 News	4-5-6-7-9-10-12
8:30 Beverly Hills	37
8:45 Seams Street	56
9:00 Star Trek	56
8:30 ABC News	5-9
8:45 CBS News	10
9:00 7-11	27
9:15 I Dream of Jeanne	10
9:30 Evening Compass	2
9:45 Doctor in the House	6
10:00 What's My Line?	7-12
10:15 Nanny and the Professor	9
10:30 Concentration	10
10:45 Peter Van Eyck: Ruth Lewentz in An Alibi for Death (1954), a truck driver accused of hit-and-run insists the victim was pushed in front of the truck	2
11:00 Hogan's Heroes	38
11:15 World History	44
11:30 The Unouchables	56
11:45 Elni Ness and his crime figures in syndicated reruns	2
12:00 Eliot Norton	2
12:15 Price is Right	7
12:30 The Investigators	5
12:45 Hollywood Squares	4
1:00 Boston	9
1:15 Good Old Nashville Music	9
1:30 To Tell the Truth	10
1:45 Nanny and the Professor	9
1:55 Wild West	38
2:00 Martin Agency	44
8:00 War and Peace	2
8:15 Chase	4-11
8:30 Temperatures Rising	5-9
8:45 Mervyn's need for a throat operation results in his being assigned to the children's ward	2
9:00 Maude	7-12

RADIO	
AM	
WEEI	890
WRKO	880
WCAR	740
WHOM	850
WYRT	950
WBZ	1030
WGTR	1060
WLB	1090
WCPD	1150
WKOX	1190
FM	
WNEB	1230
WVFL	107.9
WVBR	107.9
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HIGHLIGHTS	
2:00 pm Opera/Rossini William Tell	WGBH-FM
8:00 pm Multiversity/The High Court	WBUR-FM
8:08 pm GTE Concert/Pasternak, Vivaldi	WCRB AM-FM

Correspondents' Corner
The letters are pouring in on the question of whether advance or after-the-fact reviews are preferable. I will say the preference in the early mail is all for the advance reviews, but until a compilation can be made I will stick to the mailbox to comments on current fare:

"I have never seen a comedy program go down as fast as the Carol Burnett Show." I think they'd better get some new writers or fold up."

"How much longer must we endure the silly Carol Burnett Show? Its inept humor is fit only for kiddie novellas!" — Anne Keenan, Cambridge.

CROSSWORD PUZZLE

ACROSS
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Mideast experts agree: peace formula elusive

The history of the Mideast conflict is one of missed opportunities for establishing peace, a panel of two Arab and two Israeli intellectuals agreed at a discussion of Middle East problems, hopes and fears.

"We're all after the same thing, which is peace but we don't know exactly how to get it," said Dr. Peter Vardy, who represented Israel.

How to get peace became a point of contention between Vardy and Martin Abramovitz, for Israel, and Sana Hassen of Egypt and Dr. Nabil Kronfol of Lebanon on the other side.

Vardy contended that the Arabs should take the peace initiative to ease Israel's fear of total destruction by her enemies. A first step, Abramovitz said, would be for the Arabs to acknowledge Israel's existence as a sovereign state.

The Arabs, especially the Palestinians, do recognize the existence of Israel as a reality, said Kronfol. The fact that Palestinians have accepted what was formerly Palestine to be Israel gave in to a concession on the Arab's part.

The Israelis inflicted tremendous harm on the

BRIDGE

FRANKS CONTRACT BRIDGE STAFF

EVERY MONDAY
8 PM AT 7:45 \$3.00
EVERY WEDNESDAY
8 PM AT 7:45 \$2.00
EVERY TUESDAY
1 PM AT 7:45 \$2.50

MURRY JUST A FEW SEATS LEFT TO GO FLORIDA JAN. 17

For more details and information call 80 Broad Street, Boston, MA 02109 (617) 425-1967

NIGHT WATCH / PERCY SHAIN

"I do not understand the cancellation of NBC's Folies. It is a show to be looked forward to each week and something we need in these depressing times." — C. King, Needham.

"My husband and I were very disappointed to read that the NBC Folies was being canceled. To us it was the best of the new shows." — Bessie McLellan, Lexington.

"I wish to express my exasperation with the kind of scheduling that often puts similar programs like 'Issues and Answers' and 'Meet the Press' opposite

ASK THE GLOBE

Q. I am moving to New England soon and want some information on the Sierra Club. How long has it been in New England?

A. The highest speed limit we found nationally was 75 mph, usually allowed on interstate highways only. The states that allowed this speed limit were: Arkansas, Iowa, Kansas, Nebraska, Oregon, South Dakota and Wyoming. Out that way, the feeling was that if you didn't get that speed, you never got to where you were going. Folks in those states are now trying to find out if this is so. Tennesssee also allowed speeds up to 75 mph on its interstate highways.

Q. Now that all states have reduced speed limits

Q. When a book is copy-

JEOPARDY!
New Time 10:30 AM

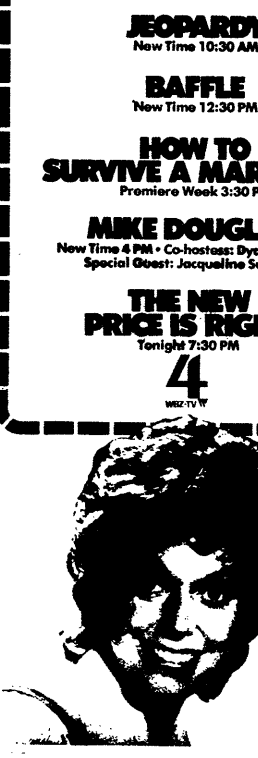
BAFFLE
New Time 12:30 PM

HOW TO SURVIVE A MARRIAGE
Premiere Week 3:30 PM

MIKE DOUGLAS
New Time 4 PM • Co-hosts: Byron Connors
Special Guest: Jacqueline Susann

THE NEW PRICE IS RIGHT
Tonight 7:30 PM

4
WBZ-TV



eliminating what we call objectionable material in our strong-arm political or legal technique, but education and the provision of reasonable alternatives. The public should be free to choose." — Ralph K. Schwitzberg, Waltham.

"I hope the most Jesus Christ, Supertan never makes it to television. It is a disgraceful quality of TV. The appearance of such a show as 'The Waltons' in stores now's a far cry from the quality of the 'Waltons' — Mrs. Stanton Call Jr., Waltham.

"Please, off with the trash and the violence. I want to laugh for a change." — Mrs. C. Di Perri, Everett.

"I like the way 'Ban-

righted, how long is the copyright good for? — B.T. Saadwich.

A. The original term of copyright endures for 28 years, measured from the date of first publication of the work in the case of works registered in the United States. If unpublished, the copyright runs from the date of the author's death. It has more than 4000 members involved in a wide range of conservation programs. It also has outstanding which are announced in its monthly newsletter. To join, write or call for an application at 14 Beacon St., Boston, 02108 or 227-5339.

Q. Now that all states have reduced speed limits

Q. When a book is copy-

Page 44.

Page 44 is the last page of the second section. As defined in the makeup policy, it is part of the News department.

SHENWOLD ON BRIDGE

Memorizing the table of probabilities will not make you a good bridge player. You must still count your tricks and plan the play intelligently. After all, common sense is what makes a bridge player lose when he hasn't got it.

West opened a heart, and South had to choose the discard immediately. Should he throw a club or a diamond?

"If I throw a club," South thought to himself, "the odds are only even that I will guess who has the queen of diamonds. But if I throw a diamond, the odds are better than 2 to 1 that the clubs will break 3-2."

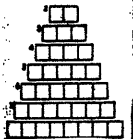
South therefore triumphantly discarded the ten of diamonds at the first trick. He drew trumps and struggled fiercely for a few minutes, but had to lose two club tricks. Down one.

South was the victim of an optical illusion. The possibility of a finesse in diamonds blinded him to the fact that he had 12 sure tricks.

Declarer should discard a club on dummy's ace of hearts. If he then draws two rounds of trumps and takes a diamond finesse. Even if the finesse loses, South can cash the king and jack of diamonds and then can get to dummy to discard another club on the ace of diamonds. There is no further objection.

DAILY QUESTION
As dealer, you hold: S-Q, 10, 2, 6, H-A, D-A, 6, 5, 3, C-A, K, 7, 5. What do you say?
ANSWER: Bid one club. If partner bids a red suit, you will bid one spade. If partner bids spades himself, you will raise. If partner bids notrump, you will raise. Since you are ready there is no advantage in starting with the weak diamonds rather than the strong clubs.

TWISTAGRAM



Copyright 1974 by J. Lapointe & Co.
Start anywhere. Some find it more fun to work from the top down.
Each line of the answer contains all the letters in the line above it, usually rearranged.
1- Pair of vowels which seldom follows 'C'. (The 4th and 2nd letters of #8.)
2- To give the— to something is to disprove it.
3- Gladly (word becoming obsolete).
4- Airplane pilot.
5- Unimportant thing.
6- Productive.
7- Strain finely again.
After #2, the letters added in succession are L, F, R, T, S and H.

ANSWER TWISTAGRAM
E U
R U E
U S E R
S E R U M
M U S T E R
M U N I S T E R
T E R M I N U S



RIGHTER'S HOROSCOPE

GENERAL TENDENCIES: Many upsets can take place today unless you think out a course of action you want to be in effect. Allow nothing of an unexpected nature to alter your plans.
ARIES (Mar. 21 to Apr. 19) Show kin that you are loyal to them if there should be some quarrel with an outsider.
TAURUS (Apr. 20 to May 20) Much care in motion is needed now to avoid possible accidents. Shop with care and count your change.
GEMINI (May 21 to June 21) Expenses come up that you had not counted on; be sure to budget carefully so that they can be covered adequately.
MOON CHILDREN (June 22 to July 21) You may find there are delays in trying to put through personal aims, but perseverance will eventually make them successful.
LEO (July 22 to Aug. 21) Keep away from the outside world for now and see if you can get everything around you running more smoothly.
VIRGO (Aug. 22 to Sept. 22) It's fine to be with friends, but be sure you are not demanding in any way. Steer away from any argument.
LIBRA (Sept. 23 to Oct. 22) Keep busy at your work regardless of interruptions at this time. Handle a credit matter quietly.
SCORPIO (Oct. 23 to Nov. 21) Your new ideas are fine so be sure not to toss them aside. A new contact makes remarks you can let in one ear and out the other.
SAGITTARIUS (Nov. 22 to Dec. 21) Take care of your obligations in a most conscientious way or you could get into trouble with higher-ups.
CAPRICORN (Dec. 22 to Jan. 20) Know what it is that associates need and do your utmost to cooperate with them.
AQUARIUS (Jan. 21 to Feb. 19) You are tempted to go off on some tangent and leave important obligations behind you but this would only make matters worse.
PISCES (Feb. 20 to Mar. 20) Make sure you don't overlook any important duties. Make progress while the making is good.

IF YOUR CHILD IS BORN TODAY... he or she will be one of those young people with a fine mind who will require the best college education possible since the talents are numerous and the years can be expensively arranged.

DR. CARL ROGERS
famous psychologist
will lecture on
"The Emerging Person -- A New Revolution"
SUNDAY, JAN. 13 at 8 P.M.
TICKETS \$3.50
SANDERS AUDITORIUM
(MEMORIAL HALL)
HARVARD UNIVERSITY
Tel: Greenhouse, Inc. 492-0050

TWA's Midweek Fare.

\$179⁹⁵

(round trip tax included)

To Los Angeles, San Francisco, and Las Vegas.

This incredibly low Midweek Fare is going to end February 28, so you have to hurry.
To qualify, you have to make reservations and purchase your ticket at least 7 days before your departure, travel midweek (Tuesday, Wednesday, or Thursday) and stay 7 to 9 days.
And you can charge the whole trip on your TWA Getaway* Card.
If you don't have a Getaway Card you should think about getting one. Because, besides giving you the convenience of charging your TWA trip, it can also be used in many hotels, restaurants, shops, and at car rental companies all over the country.

And when you're ready to rent your car, TWA can save you money there too. Thanks to the cooperation of local proprietors, TWA can offer you an exclusive Little Black Book. In it, you'll find a coupon good for a day's free time charge on a new Ford or other fine car from Hertz. And it doesn't stop there. TWA's Little Black Book is chock full of money saving coupons that can get you discounts on dinners, drinks, theaters, nightclubs and tours.
Best of all, TWA's Little Black Book is yours free when you present your ticket or boarding pass at the TWA City Ticket Office in Los Angeles or San Francisco.
TWA's money saving Midweek Fare and Little Black Book are just two of the things that help make TWA what travel should be.

Call your Travel Agent or TWA at 742-8800. And ask for TWA's Midweek Fare.

International Airport.

*Service mark owned exclusively by TWA. Airfare does not include local airport tax or security charge.

CHAPTER 4

LAYOUT AT THE OFFICES OF THE WORCESTER TELEGRAM

Once an issue of the Boston Globe was successfully laid out in the Laboratory, the next step was to use the experimental Display Ads Layout System to lay out an issue of the Worcester Telegram in real-time and in parallel with their manual layout operation. A satisfactory ads dummy was produced at the Telegram in 20 minutes, discounting delays due to computer problems, compared to the three to five man-hours normally required by the layout staff. This time comparison is on the basis that all ads data had been inserted into the computer in the case of the Display Ads Layout System, and that the layout staff had a list of ads available for its use in the case of manual layout.

As in the earlier part of the project, this phase began with the derivation of a set of makeup and layout policies. The Friday layout version of the newspaper was chosen in consultation with the Telegram to minimize any possible interference with their operations. They supplied us with an internal memorandum specifying news-hole requirements and other practices concerning the structure of their newspaper. Their policies were derived from the memorandum, a review of several past issues, and conversations with the layout supervisor. A test layout of a past Friday issue was used to check the accuracy of the derived policies.

The makeup policy used for the Friday edition is found in Appendix B. Page dimensions of 8 columns by 300 lines are specified as part of this policy.

Folio lines* in the Telegram only extend partially across the top of inside pages and therefore the actual column heights differ slightly from 300 lines depending on whether the folio line is located on the right or left side of the page. The current ads layout system, however, assumes that folio lines run clear across the top of a newspaper page and therefore, the makeup policy asks for a single column height dimension for the newspaper.

Eleven departments are defined in the makeup policy: News, Editorial, Women's, Local, Arts (amusement), Comics, TV, Obituary, Sports, Finance, and Classified (advertising). Department sizes are either a fixed number of pages or based on a fixed news-hole requirement. The Telegram aims for approximately 120 columns of news in an issue.

Ads are prohibited from the first page of the News and Editorial departments. The first page of the Arts department contains a 3-column, 196-line non-ads area reserved for a weekly "Things to Do" news feature and the first (and only) page of the TV department contains a 4-column, 250-line non-ads area for the daily Radio-TV schedule.

The first three pages of the second section are designated as the Local department. Local news for the different zoned editions of

* A folio line is a line in small type found usually at the top of inside pages containing the page number, date, and name of the newspaper.

the Telegram appears on the first two pages of this department. An additional page for general news is added to insure that the next department begins on an even-numbered page.

The display-ads layout policy of the Telegram (see appendix B) is very similar to that of the Globe. All departments use a double-right half-pyramid layout style. Buried ads are only allowed in the Arts and Obituary departments. An ads-distribution method of "heavy-front" and a top margin of 15 lines is also specified for all departments. The layout policy allows a maximum of 5 columns of ads on the second page of the News department, 4 columns on the second page of the Editorial department, and 3 columns on the second page of the Local department.

After the policies were finalized and entered into the computer, a cathode-ray-tube terminal was brought to the offices of the Telegram, and on Thursday, March 7, 1974, the Display Ads Layout System was run in parallel with their manual layout operation for the following morning's issue of the newspaper.

The connection to the M.I.T. computer was made via the ARPA network, a digital communications network developed for the Advanced Research Projects Agency of the Defense Department which links dozens of computers nationwide. The link from Worcester to the network terminal in Cambridge was over a standard voice-grade telephone line with an acoustic coupler at the terminal in Worcester to convert between digital and audio signals. The ARPA network route was used because it permitted a 300 baud communications rate rather than a maximum of 150 baud available by direct connection of the acoustic coupler to the M.I.T computer interface.

During the test, we were supplied with exactly the same information as the person manually laying out the issue for the Telegram. Ads were entered on the computer early Thursday morning in about 45 minutes. The information was taken from a copy of the original unsorted listing of ads used internally by the Telegram staff. We were informed immediately when late ads arrived and were also supplied with the size of the Classified advertising department (six pages).

The actual computer layout process did not begin until after 12 noon. The M.I.T. computer was out-of-service for over two hours that morning because of internal system problems. By the time we began our layout, the Telegram had already finalized its edition size.

However, once the computer became available, we needed approximately 20 minutes at the terminal to produce an advertising dummy using the Display Ads Layout System, after all the ads had been entered into the computer. In actual computer time, a total of 20 seconds of Central Processor Unit time was required. The Telegram's layout person took about four hours including the time spent the previous afternoon manually sorting the ads by size and department. (The Display Ads Layout System does this automatically.)

The computer-generated advertising dummy was later submitted to the advertising layout supervisor of the Telegram for an evaluation and comparison with the actual issue.

ANALYSIS OF COMPUTER-GENERATED RESULTS

An analysis of the computer-generated ads dummy indicated that an acceptable advertising layout was produced by the Display Ads Layout System while operating within the newspaper environment of the Worcester Telegram. The speed of the computer system demonstrated the potential for a substantial savings of time. The system positioned all but six of the ads automatically and only a small amount of manual editing of the automatically generated ads dummy was required. The only changes the Telegram would make essentially involved switching facing pages at two places in the ads dummy.

The final size of both the actual newspaper and the computer-generated dummy was 36 pages. The Telegram initially planned to use only 34 pages. However, a 6-column, full depth U.S. Postal Service ad was received very late and a decision was made to add an additional two pages in order to accommodate the customer. It was felt that the large ad could not be placed in the smaller size edition and still meet the news-hole requirements.

Given the Telegram's decision to use a 36-page edition and our delays due to computer problems at M.I.T., we also decided to go with the same size edition, though the computer system indicated that a 34-page dummy was feasible. Subsequent experimentation at M.I.T. produced the 34-page dummy which appeared to satisfy the Telegram's stated news-hole requirements.

Fig. 6 compares the news-holes and numbers of pages of each department in the 36- and 34-page computer-generated dummies and the actual issue. The only major difference appears in the number of pages in the Arts departments. The Telegram apparently placed the ads assigned to the Arts department on three pages, but used only the first two for arts-related news copy. General news filled the third page.

The single entry for the News department in Fig. 6 combines the data for both the News and Local departments because the Telegram does not differentiate between the two departments when positioning ads. Ads which require placement on the "general news" pages, or are designated ROP, can appear in either department. However, the computer system requires a separate Local department as part of the makeup policy because it requires all the pages in a department to be contiguous and appear in the same section. (There is one exception; the last page in each section can be assigned to the News department.)

The layout program placed 89 out of 95 ads automatically without manual intervention. A program bug required the manual location of two ads in the TV department. If the program had been operating as intended, these two ads would have been placed automatically. In addition, four ads originally assigned to the News department could not be positioned. One was subsequently reassigned to the Editorial department and the remaining three were manually positioned on the second and third pages of the Local department.

Worcester Telegram

Issue of Friday, March 8, 1974.

Department Name	Final News-Holes (in columns)			Number of Pages		
	Target ¹	Computer Dummy ²		Actual	Computer Dummy	
		36-page	34-page		36-page	34-page
News ³	40	48	32	15	14	12
Editorial	12	13	12	2	2	2
Womens	8	8	8	2	2	2
Arts	5	11	11	2	3	3
Comics	8	8	8	1	1	1
TV	5	5	5	1	1	1
Obituary	7	8	8	1	1	1
Sports	18	23	23	4	4	4
Finance	16	15	15	2	2	2
Classified	0	0	0	6	6	6
Totals	119 col.	139 col.	122 col.	36 pgs.	36 pgs.	34 pgs.

¹ from figures supplied by the Worcester Telegram and used in the makeup policy.

² from final makeup dummies.

³ The entry for News incorporates data for both the News and Local departments which appear as separate departments in the makeup policy.

Fig. 6 Comparison of Actual vs. Computer-Generated News-Holes and Department Sizes for the Worcester Telegram.

A total of five ads were preset prior to layout as follows: A double truck* ad, internally represented as two separate ads, was preassigned to pages 4 and 5 of the News department; a color ad was located on the last page of the first section; and a full page automobile ad was given priority placement on the back page. In addition, a 4-column "Twist" cigarette ad, which appears in every issue and is located above the Radio-TV schedule in the TV department, was preset to that position.

The only modifications to the computer-generated ads dummy suggested by the Telegram's advertising layout supervisor called for changing the order of several pages. He suggested swapping two facing pages so that the largest of the ads would appear on the right-hand page. Also, the order of the Comics department which normally follows the TV department had been inadvertently reversed in the makeup policy specification. Finally, the computer-generated dummy faced a page containing Arts ads with the Obituary department. This apparently violates Telegram policy, but can easily be corrected by changing the ordering of some of the departments without changing the layout of the ads on the pages.

The comparison times previously quoted for computer and manual layout need further elaboration. As indicated already, layout resulted

* A double truck is an advertisement on the center spread, made up as a single two-page unit, and sometimes using space customarily in the gutter.

in times of 20 minutes for the computerized approach versus three to five man-hours for the manual approach.

Inputting of ads is part of the overall process and must be considered in a comparison of the two approaches. We required 45 minutes to enter the ads into the computer. A comparable amount of time is also required by many newspapers that enter ads data into their computer (e.g. the Boston Globe) and subsequently produce a computer-generated ads listing for their manual layout process. In addition, the posting time between manual posting (as in the case of the Worcester Telegram) and computer entry is not significantly different, particularly if the ads can be entered as received using an on-line terminal. The additional data required for computer entry (e.g. "type") requires very little extra time to input. The computer entry of ads, furthermore, fits in with the benefits of computer-oriented systems such as billing or management reporting. Consequently, we conclude that differences in posting times under all these systems are very insignificant when compared to the differences in the times between the computer and manual processes necessary to structure the issue and position the ads on pages.*

*Mr. Robert Achorn, Vice-President and Editor of the Worcester Telegram and Gazette, and his staff have been most helpful with their in-depth analysis and evaluation of these results. Since publication of Mr. Elkin's thesis, they have brought to our attention that the computer-generated layout of the Telegram omitted five ads that were included in the printed edition and included two others that failed to get into the newspaper. These discrepancies were due primarily to inputting errors, and in our opinion, do not affect results. A subsequent analysis of the computer-generated layout indicated that the omitted ads could have been placed without violating news-hole requirements.

CHAPTER 5

SUMMARY OF RESULTS AND RECOMMENDATIONS FOR SYSTEM ENHANCEMENTS

The practicality of interactive computer-assisted layout of newspaper display advertising has been shown through experiments with the Boston Globe and the Worcester Telegram. This chapter reviews the results and explores ways to enhance the effectiveness of the experimental Display Ads Layout System in a real newspaper environment.

SUMMARY OF RESULTS

The most important outcome of this project is the demonstration of the ability of the present Display Ads Layout System to produce a satisfactory advertising layout while operating within an actual newspaper environment.

The short amount of time required to produce an advertising dummy indicates the potential for increased productivity and flexibility through the use of an interactive computer-assisted approach to layout. It has been demonstrated that only 15 or 20 minutes are needed to lay out the advertising in an average size newspaper containing 100 ads. This includes the time necessary to review and manually edit the computer-generated ads dummy. This time can be compared to the three to five man-hours currently required to do the job manually. Furthermore, the incremental increase in time for the layout system to process an additional 100 ads depends only

on the extra time necessary to review and edit any additional pages in the ads dummy.

The reduction in layout time has economic implications beyond the savings in manpower. As noted by the layout supervisor of the Worcester Telegram, closing deadlines for the acceptance of advertising orders could be substantially extended. In addition, it was demonstrated that the rapid response of the system could prevent the necessity of increasing the number of pages in an issue in order to accommodate the late insertion of a large ad. The two pages that could have been saved in laying out the Telegram represents a significant economic benefit.

Errors arising from misplacement of ads or leaving them out entirely are minimized, if not completely eliminated, since the Display Ads Layout System keeps track of the status of the ads and reminds the user which ads have not yet been positioned in the dummy. By comparison, manual checking is tedious and time consuming and more subject to errors.

FUTURE ENHANCEMENTS AND MODIFICATIONS

The current implementation of the Display Ads Layout System is experimental in nature. Its purpose is to identify policies and procedures which would be required in a successful layout system of its kind operating in a newspaper environment. Not all features incorporated in the experimental design would be needed by all

newspapers. Also, the testing of the system within a newspaper environment has pointed out areas for possible improvement.

This section outlines some possible modifications and additions which should increase the attractiveness of the system by increasing the efficiency of the interactive layout process and reducing the amount of required manual editing. Some of the recommended changes improve the original design. Others deal with special situations which are applicable to specific newspapers and which either are not general enough to incorporate in the algorithm or policy specifications, or can currently be handled by manual editing of the ads dummy.

The following recommendations represent changes to the original design of Parker (1) and Kan (6) and should be applicable to most newspapers.

1. Run-of-Paper Ads

The principal shortcoming of the current design is its treatment of run-of-paper (ROP) ads. In the original design, an ad designated ROP can appear in any department in an edition. Typically, since no ads appear in some departments such as "Editorial", one is given the option of specifying in the makeup policy that a department can reject ROP ads.

In actuality, ROP ads are normally sold for the general news department, although they are assigned to other departments as a means

of manipulating news-hole sizes. Ads moved to other departments are usually selected individually, based on their content or message (i.e. a bank ad might be moved to the Financial department). However, almost all of the ads found in the News department are considered by newspapers to be ROP.

The experimental layout system should be redesigned to reflect the above capability. This will require modifications in the makeup algorithm. The calculation of edition and department sizes should be changed to assume that all ROP ads initially belong to the News department. Fractional department sizes should be rounded-up to the nearest integral page if the fraction is greater or equal to 0.25, instead of the present 0.5. This improves the probability that minimum news-hole requirements will be met. The size of the News department can then be increased or decreased so that the sum of the department sizes equals the edition size previously calculated from the total number of columns of ads, news, and fixed items.

In the existing system, ROP ads are assigned to departments in the makeup phase, just after a department assignment package is selected. The present module which automatically assigns the ads should be replaced by one which gives the user a choice of assignment methods. He should be able to:

- (a) Assign all ROP ads to the News department, or
- (b) Individually assign ROP ads to other departments, or
- (c) Have the system automatically assign ROP ads to departments which accept them. Then the ads could fill any available

space which resulted from the round-off of department size and is not reserved for news, fixed items, or ads originally assigned to the department. To guide the automatic assignment process, an additional code might be entered during input of an ROP ad into the Display Ads data file in order to indicate a second choice for department assignment.

The decisions of the system in any of the above three options are subject to the approval of the operator. All remaining unassigned ROP ads are then assigned to the News department.

2. Fulfilling Advertisement Placement Requests.

As stated before, a goal of any layout system should be to satisfy advertisement placement requests. The following changes are designed to improve the experimental system's efficiency in this area.

a. "Odd" or "Even" Page Placement Attribute. Advertisers regularly request right-hand placement for their ads because they believe these pages gain more attention from readers. Many newspapers try to honor these requests, especially those from large advertisers. The only mechanism currently provided is the ability to preset ads to specific page locations within a department. In most cases, the information on whether the department starts on an even or odd numbered page is not available when the ad is normally input to the data base (before the makeup phase). Given the relatively large number of right-hand page requests, it is awkward and time-consuming to have to preset these ads manually during layout.

It is recommended that an optional "o" (odd) or "e" (even) parameter be added to the information stored for each ad in the Display Ads data file. The layout algorithm can be modified so that it attempts to satisfy the odd-even requirement first, when it tries to assign the ad to a page. If the constraint cannot be satisfied, the system automatically overrides it and tries to place the ad again. Since tall and large ads are positioned first, they will most likely achieve their odd-even preference. Ads lacking the "o" or "e" parameter will still be processed as before.

b. Priority Placement of Ads. Each newspaper has its own method of determining the order in which ads are placed in the newspaper. Some newspapers give priority placement to the advertiser with the most amount of advertising in each issue. Others base the decision on the total amount of advertising contracted for each year, or offer priority to traditional advertisers. The current layout system design may be inadequate for newspapers in that the order of placement is based on the size of the ads, the tallest ad being placed first. Since the method of giving priority is fairly well defined for each newspaper, it can be easily programmed into the computer system.

A further extension arises from the fact that the last page in each section (break page) is usually considered a preferred spot by advertisers. The system should provide a means of specifying break page placement for ads, perhaps as a "b" (back) attribute similar

to the "e" or "o" described in (a). In addition, a new method for determining the page sequence of layouts can be added to the layout policy as an alternate ads distribution type. The system would first place ads on the last page of each section starting with the first section, and then proceed in ascending page number order in the rest of the department. In general, this procedure would usually be used only with the News department and would require at least one of the section back pages to be assigned to the department.

3. Improving the User Interface

A key design goal of the Display Ads Layout System is its interactive feature, namely, the ability of the operator to guide and work with the computer in making certain subjective decisions. The current implementation is awkward to use because these facilities are limited.

An important element in the effectiveness and acceptance of any interactive computer system is the flexibility of its command language and editing capabilities. The user should be given considerable freedom in his manipulation of the data bases, and the system should always remember the context in which a command is issued.

a. Data Base Structure. The current implementation of the data bases (ads and policy files) is quite primitive. To modify any of them, an operator must exit from the makeup or layout modules and call the appropriate data base editor. The makeup and layout processes must then

restart from scratch. A further problem is the implementation requirement of the existing system that all manipulations or editing be done on the original files. For example, the layout module will permanently store the location of an ad in the Display-Ads data file once an assignment has been made. In some situations, a user might want to manipulate the makeup dummy and try several different structures and layouts. This currently is not possible to do unless the user has specifically saved a copy of the files prior to the start of both makeup and layout.

An operational system should provide copies of the data base files, with the original files modified or written into only by explicit command. The user should be allowed to experiment with different versions of the ads makeup dummy and the system should be given the task of keeping track of the various copies and related data files.

b. Computer-Operator Interaction. Increased interaction between the operator and the system should be incorporated in any redesign. The ability to modify computer-generated results and override policies at most stages during makeup and layout should be included in any new system. This capability is only partially implemented in the existing implementation and should be extended to all parts of the system.

In the makeup phase, the operator should be given the option of manually inputting his own department assignment package and be able to insert pages assigned to the News department in the makeup dummy to fulfill department odd-even starting page restrictions. If necessary,

he should also have the option of cancelling the restriction.

During layout, policy constraints sometimes prevent all of the ads in a department from being placed. If an ad cannot be assigned to a location, the system should indicate which policy is being violated. The operator should then be able to instruct the system to temporarily override or modify any policy parameter and try to place the ad again. The operator, if he wishes, should also have the option of assigning the ad to another department at this point.

c. Hardware Requirements. The attractiveness and usefulness of this system can be further increased by the availability of better hardware. The current configuration consists of an ARDS cathode-ray-tube display terminal with a keyboard input. Editing is relatively slow and awkward because storage tube technology requires a rewriting of the complete page after each modification. A more user-oriented design might add a graphics input device, such as a light pen, but would require a refreshed display terminal at a higher price. Some type of hard-copy device is also needed to eliminate the significant amount of time that is currently required to copy the ads dummy from the screen onto paper. Note that these hardware requirements are well within the state of the art and the devices are commercially available.

4. The Problem of Too Many Coupon Ads.

The current test for coupon ad overlap is inadequate for those newspaper editions which contain a large number of coupon ads, since

only the outer perimeters of coupons ads which might be placed on back-to-back pages are checked for overlap. On some days, for example, when food and supermarket advertising is heavy, layout personnel are required to check the actual physical location of the coupon(s) within the ads in order to place these ads.

One possible way to account for the physical location of the coupons is to optionally include this information in the Display Ads data file. Associated with each coupon or row (column) of coupons in an ad can be stored (1) "x" distance from the lower left-hand corner of the ad, (2) "y" distance from the lower left-hand corner of the ad, (3) width, and (4) height of the coupon area. This information can be input either at the time the ad is entered into the data file, or during layout when it becomes obvious that there will be too many coupon overlap conflicts.

Alternatively, a newspaper might turn off the coupon test and manually check for coupon overlap and edit the layout accordingly. Or, the coupon ads could all be preset prior to layout of the department.

5. Improving the Layout Algorithm.

The third part of the current layout algorithm assigns "left-over" ads to pages after the "tall" and "large" ads have been placed. There are three steps in this part of the algorithm: (1) For each page, try to place one or two ads that will fit exactly above the tall or large ad already on the page, (2) On each page, try to place an unpositioned ad (repeat this step twice), and (3) Assign the remaining

unpositioned ads by trying to place as many as possible on each page, starting with the first page in the page layout sequence.

Step 3, above, can cause the uneven concentration of many small ads on the first page specified in the page layout sequence. This will occur if there are many small ads assigned to a department relative to the number of pages, and if buried ads are permitted by the layout policy (e.g. see page 31 of the Arts department of the Boston Globe in the sample pages found in Chapter 3).

To optimize the even distribution of ads, step 3 should be eliminated and step 2 repeated until all of the ads are placed.

6. Management Reports.

There is a need for a summary report of the layout results showing pages, department assignments, and the page locations of all preset, tall and large ads. This type of report, currently used by the Boston Globe, would allow management to review the proposed final makeup structure and edition size. It would also be useful to the advertising manager for verifying that his important ad placement requests were fulfilled.

Billing and tearsheet information could also be easily generated from the Display-Ads Layout System either as a printed report, or in some form such as magnetic tape suitable for direct input into a separate bookkeeping computer system.

These next proposed additions will be useful for certain newspapers, but would not necessarily be needed in most cases.

1. Categories.

There are instances where a newspaper would like to reserve a page or group of pages within a department for a particular feature, and tie certain ads to it (e.g. the "Confidential Chat" column of the Boston Globe, or the movie page in the Arts department of the Worcester Telegram). At the same time, however, other ads assigned to the department could also be placed on these pages, if space is available. This is directly the reverse of the "type" parameter restriction which does not allow competitive advertising, defined to be the same type, to be placed on the same or facing pages.

The original design specifications allowed the user to divide some departments further into categories, assuming the categories were defined as part of the makeup policy. This feature was intended primarily for news layout purposes, but was never implemented on the system executed on the M.I.T. computer. Currently, a department can be included within another department, but the ads assigned to the outer department cannot be placed in the inner one. Ads also can be preset to pages, but in most cases, the page location of a news feature is not known until the layout phase.

To facilitate the linking of particular news features to ads, or grouping ads together on the same page or pages within a department, the category feature can be fully implemented. The descriptive parameters for designating category pages would be similar to those

required for departments. Position would be specified relative to the first or last page of the department. One could also request that the category begin on an even or odd numbered page. The sum of the sizes for all the categories defined within a department must always be smaller than the minimum possible size of the department.

Categories would not affect the makeup phase. Edition and department sizes would still be calculated from the data associated with each department. The first step in the layout process, however, would be modified to preset any ads associated with a category to their page locations. The layout would then proceed normally.

One further option is to allow the operator to manually input the starting page number for each category at the start of the layout for each department.

2. Algorithmic Placement of Color Ads.

The newspaper can specify as part of the makeup policy, information about his press installation so that the system will automatically determine which pages could possibly accept color ads and also coordinate the location of the different colors.

3. Use of Inches for Line-Height Measurement of Ads.

The current system allows the newspaper to specify as part of the makeup policy the dimensions of its pages. However, the sizes used must be in terms of integral units. Some newspapers use inches

instead of agate lines. Consequently, in these cases, the system must be modified to accept fractional measurements.

4. Splitting Pages Between Departments.

Some newspapers might prefer this feature over reassigning ROP ads to meet target news-hole requirements.

5. Automatic Determination of the Number of Sections.

Instead of requiring the number of sections to be determined manually, the system can be programmed to select the number of sections according to the size of the issue or any other relevant criteria.

APPENDIX A

MAKEUP AND LAYOUT POLICY OF THE BOSTON GLOBE

TUESDAY MORNING EDITION

I. MAKEUP POLICY

Page dimensions: 8 columns x 300 lines

Section: 1

section name -a
maximum number of pages -28
minimum number of pages -10
page multiple of four restriction -no
last page belong to news department -yes

Section: 2

section name -b
maximum number of pages -28
minimum number of pages -10
page multiple of four restriction -no
last page belong to news department -yes

Department: 1

department name -news
department name abbreviation -nws
sections(depts) it may be located in -a
relative location in section(s) -fir 1

strategy for determining department size
fixed news size
number of fixed columns -60

department can start on an odd page number

categories: -0

fixed items: -0

non-ads areas: -3

fir 1 8 columns by 300 lines coordinates (0,0)
fir 2 8 columns by 300 lines coordinates (0,0)
fir 3 8 columns by 300 lines coordinates (0,0)

Department: 2

department name -editorial
department name abbreviation -edt
sections(depts) it may be located in -a
relative location in section(s) -1a 1

strategy for determining department size
fixed department size
number of fixed pages -2

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -2
fir 1 8 columns by 300 lines coordinates (0,0)
fir 2 8 columns by 300 lines coordinates (0,0)

Department: 3

department name -sports
department name abbreviation -spt
sections(depts) it may be located in -b
relative location in section(s) -fir 1

strategy for determining department size
fixed news size
number of fixed columns -19

department can start on odd page number

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 8 columns by 300 lines coordinates (0,0)

Department: 4

department name -living
department name abbreviation -lvg
sections(depts) it may be located in -a b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -12

department can start on an even or odd page number

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 8 columns by 300 lines coordinates (0,0)

Department: 5

department name -arts
department name abbreviation -art
sections(depts) it may be located in -a b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -3

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 6

department name -finance
department name abbreviation -fnc
sections(depts) it may be located in -a b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -24

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 7

department name -classified
department name abbreviation -cls
sections(depts) it may be located in -b
relative location in section(s) -

strategy for determining department size
fixed department size
number of fixed pages -8

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 8
department name -obituaries
department name abbreviation -obt
sections(depts) it may be located in -b
relative location in section(s) -
next department link -classified

strategy for determining department size
fixed department size
number of fixed pages -2

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 9
department name -comics
department name abbreviaiont -cmc
sections(depts) it may be located in -b
relative location in section(s) -1a 2
next department link -radio-tv

strategy for determining department size
fixed department size
number of fixed pages -1

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 8 columns by 300 lines coordinates (0,0)

Department: 10
department name -radio-tv
department name abbreviation -tv
sections(depts) it may be located in -b
relative location in section(s) -1a 1

strategy for determining department size
fixed department size
number of fixed pages -1

department can start on odd page number

categories: -0
fixed items: -1
 schedule 3 columns by 300 lines coordinates (0,0)
non-ads areas: -0

Types: -3
 bank
 air
 gas

Department precedence:
 news
 editorial
 sports
 living
 finance
 arts
 obituaries
 classified
 comics
 radio-tv

II. LAYOUT POLICY

<u>department name</u>	<u>double page style</u>	<u>single page style</u>	<u>weak/strong pyramid</u>	<u>ads distribution method</u>	<u>top margin</u>	<u>buried ads</u>
news	double-right	half-pyramid	strong	heavy-end	15	no
editorial	double-right	half-pyramid	strong	heavy-front	15	no
sports	double-right	half-pyramid	strong	heavy-front	15	no
living	double-right	half-pyramid	strong	heavy-front	15	no
arts	double-right	half-pyramid	weak	heavy-end	15	yes
finance	double-right	half-pyramid	strong	heavy-end	15	no
classified	double-right	half-pyramid	strong	heavy-front	15	no
obituaries	double-right	half-pyramid	strong	heavy-front	15	no
comics	double-right	half-pyramid	strong	heavy-front	15	no
radio-tv	double-right	half-pyramid	weak	heavy-front	15	no

maximum ads occupancy:

finance department, maximum ads occupancy on first page is 60%
finance department, maximum ads occupancy on second page is 10%
finance department, maximum ads occupancy on third page is 30%

APPENDIX B
MAKEUP AND LAYOUT POLICY OF THE WORCESTER TELEGRAM
FRIDAY EDITION

I. MAKEUP POLICY

Page dimensions: 8 columns by 300 lines

Section: 1

section name	-a
maximum number of pages	-24
minimum number of pages	-12
page multiple of four restriction	-no
last page belong to news department	-yes

Section: 2

section name	-b
maximum number of pages	-24
minimum number of pages	-12
page multiple of four restriction	-no
last page belong to news department	-yes

Department: 1

department name	-news
department name abbreviation	-nws
sections(depts) it may be located in	-a
relative location in section(s)	-fir 1
next department link	-editorial

strategy for determining department size	
fixed news size	
number of fixed columns	-31

department can start on odd page number

categories:	-0
fixed items:	-0
non-ads areas:	-1
fir 1 8 columns by 300 lines coordinates (0,0)	

Department: 2
department name -editorial
department name abbreviation -edt
sections(depts) it may be located in -a
relative location in section(s) -

strategy for determining department size
fixed department size
number of fixed pages -2

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 8 columns by 300 lines coordinates (0,0)

Department: 3
department name -womens
department name abbreviation -wmn
sections(depts) it may be located in -a
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -8

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 4
department name -local
department name abbreviation -lcl
sections(depts) it may be located in -b
relative location in section(s) -fir 1

strategy for determining department size
fixed department size
number of fixed pages -3

department can start on odd page number

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 8 columns by 300 lines coordinates (0,0)

Department: 5

department name	-arts
department name abbreviation	-art
sections(depts) it may be located in	-a b
relative location in section(s)	-
strategy for determining department size	
fixed news size	
number of fixed columns	-5
department can start on even page number	
categories:	-0
fixed items:	-0
non-ads areas:	-1
fir 1 3 columns by 196 lines	coordinates (0,0)

Department: 6

department name	-comics
department name abbreviation	-cmc
sections(depts) it may be located in	-a b
relative location in section(s)	-
next department link	-tv
strategy for determining department size	
fixed department size	
number of fixed pages	-1
department can start on even page number	
categories:	-0
fixed items:	-0
non-ads areas:	-1
fir 1 8 columns by 300 lines	coordinates (0,0)

Department: 7

department name	-tv
department name abbreviation	-tv
sections(depts) it may be located in	-a b
relative location in section(s)	-
strategy for determining department size	
fixed department size	
number of fixed pages	-1
department can start on odd page number	

categories: -0
fixed items: -0
non-ads areas: -1
fir 1 4 columns by 250 lines coordinates (0,0)

Department: 8

department name -obituary
department name abbreviation -obt
sections(depts) it may be located in -a b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -7

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 9

department name -sports
department name abbreviation -spt
sections(depts) it may be located in -b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -18

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 10

department name -finance
department name abbreviation -fnc
sections(depts) it may be located in -a b
relative location in section(s) -

strategy for determining department size
fixed news size
number of fixed columns -16

department can start on even page number

categories: -0
fixed items: -0
non-ads areas: -0

Department: 11

department name -classified
department name abbreviation -cls
sections(depts) it may be located in -b
relative location in section(s) -1a 1

strategy for determining department size
fixed department size
number of fixed pages -6

department can start on even or odd page number

categories: -0
fixed items: -0
non-ads areas: -0

Types: -4

bank
clothes
auto
air

Department precedence:

news
editorial
local
womens
arts
tv
comics
sports
finance
obituary
classified

II. LAYOUT POLICY

<u>department name</u>	<u>double page style</u>	<u>single page style</u>	<u>weak/strong pyramid</u>	<u>ads distribution method</u>	<u>top margin</u>	<u>buried ads</u>
news	double-right	half-pyramid	strong	heavy-front	15	no
editorial	double-right	half-pyramid	strong	heavy-front	15	no
womens	double-right	half-pyramid	strong	heavy-front	15	no
local	double-right	half-pyramid	strong	heavy-front	15	no
arts	double-right	half-pyramid	weak	heavy-front	15	yes
comics	double-right	half-pyramid	strong	heavy-front	15	no
tv	double-right	half-pyramid	strong	heavy-front	15	no
obituary	double-right	half-pyramid	weak	heavy-front	15	yes
sports	double-right	half-pyramid	strong	heavy-front	15	no
finance	double-right	half-pyramid	strong	heavy-front	15	no
classified	double-right	half-pyramid	strong	heavy-front	15	no

maximum ads occupancy

news department, maximum ads occupancy on second page is 37%
 editorial department, maximum ads occupancy on second page is 50%
 local department, maximum ads occupancy on second page is 63%

APPENDIX C

THE GLOBE AS LAID OUT BY THE DISPLAY-ADS LAYOUT SYSTEM

Patients wait hours for admission to filled-to-capacity Boston City Hospital Story, Page 20

Guide to features

APPROPRIATION	12	10:30 A.M.
FINANCIAL	13	11:00 A.M.
LOCAL COMMUNICATIONS	14	11:00 A.M.
COMICS	15	11:00 A.M.
FOCUS	16	11:00 A.M.
SPORTS	17	11:00 A.M.
TELEVISION	18	11:00 A.M.
DIET	19	11:00 A.M.
TV-RADIO	20	11:00 A.M.

The Boston Globe

Jan.-June article
 1974 - SUNNY AND CLOUD
 1975 - CHANCE OF SHOW
 1976 - 1 1/2 SUN SETS
 FULL REPORT - PAGE 25

Vol. 205, No. 8 © 1974, Globe Newspaper Co. *

TUESDAY MORNING, JANUARY 8, 1974

Telephone 388-6000

44 Pages—18 Cents

STATE OF THE STATE



GOV. FRANCIS W. SARGENT

No new taxes, Sargent pledges

Here are the highlights of Gov. Francis W. Sargent's address yesterday:

- Promised no new taxes.
- Pledged an additional \$117 million in aid to local communities.
- Proposed cost of living increase for persons on welfare, veterans and the elderly, and new spending for children.
- Urged creation of a state Council on Federal Affairs to oversee programs affecting the state.
- Called for creation of a Crime Prevention Bureau.
- Urged tighter handgun control.
- Urged creation of an Office for Citizen Participation in state government.
- Said he'll refile bills for reorganization of state government.

Details, Page 4.

STATE OF THE CITY



MAYOR KEVIN H. WHITE

Mayors are inaugurated in many Bay State cities. Stories, Page 3.

White cites as issues taxes, schools, crime

Here are the highlights of Mayor Kevin H. White's address yesterday:

- Urged Boston's citizens to help make Boston a model for "urban revitalization" in the next decade.
- Asked for support of two major items in his 1974 legislative package. One bill calls for the state to reimburse the city 30 percent of the revenue lost because of tax exemptions for schools, hospitals, etc.; the other would end tax exemptions for private, profit-making businesses on Port Authority land.
- Focused on three major problems facing Boston—fiscal stability, education, and crime.
- Cited achievements in his year-long "austerity" program; urged reform of the school system; and called on citizens to make crime control a "personal responsibility."

Details, Page 5.



It's 7:45 a.m., but it's still dark on Quincy High in Scituate on first day back to school under new daylight time system. (Globe photo by Ulrich Wehck)

Daylight saving's untimely return leaves Bay Staters in the dark

In winter I get up at night. And dress by yellow candlelight. In summer quite the other way, I have to go to bed by day.

By Ray Richard Globe Staff

There was no oil crisis when Stevenson wrote these words in 1885, but John Feeley of Swampscott found them appropriate yesterday morning when he awakened his daughter, Susan, 5, and told her to get ready for kindergarten.

It was the first school day under the new Daylight Saving Time and it was dark, and Susan wasn't accustomed to getting up before sunrise.

"Why do I have to get up when it's still dark?" she asked. Her father told her about the fuel shortage and that fuel is needed to make electricity and it's darker in the morning, it will be lighter at night and in that way the country will save fuel.

When that failed to impress her, he turned to Stevenson's verse. That she understood, and she got up.

Other people who aren't impressed with explanations about the fuel shortage, but who woke up last week in daylight, had to rise and shine before the sun did. Many were good natured about it.

Other children said they felt "grown up" to be out in the dark.

In Scituate a little girl waiting for her school bus suggested: "We ought to have candles to see by. It's so dark going up the street."

But some didn't cope with the late darkness as easily as they thought they would.

Kingston businessman Russell Keith, who usually takes the 7:14 a.m. bus to Boston, planned to take the 8:45 instead because of an early appointment. He missed the early bus, blaming the darkness, was unable to get on the 7:14, crowded because others had missed the earlier bus, and had to wait until 7:30.

TIME, Page 9

Kissinger reportedly doubtful Egypt will approve Dayan plan

By Yuval Elzur Washington Post

JERUSALEM — US Secretary of State Henry A. Kissinger told Israel's minister of defense, Gen. Moshe Dayan, that his proposals for an agreement for the disengagement and separation of Israeli and Egyptian troops are "generous." However, he expressed doubts that "all their details will be accepted by the Egyptians."

with the Soviet Union and Egypt to obtain their reactions to the Israeli disengagement plans.

As had already been reported, Dayan suggested a unilateral Israeli withdrawal in which Israel would move back its troops, in stages, to the Mitla and Golan passes in the Sinai desert without ruling out the possibility of a further withdrawal in the future. In return for their pullback, the Israelis insist on a "thinning out" of Egyptian troops east of the Suez Canal and especially on limiting the quantity of armor and antiaircraft missiles that will be allowed.

MIDEAST, Page 8

INSIDE:

The Federal Energy Office yesterday began a probe into oil stockpiling and possible hoarding. Story, Page 11.

France and Saudi Arabia reportedly have agreed in principle to an arms-for-oil deal. Story, Page 8.

The Supreme Court yesterday refused to interfere with Federal price controls on the nation's 165,000 independent gasoline stations. Story, Page 10.

Major oil-producing nations met yesterday but reported no decisions reached yet on price policy. Story, Page 11.

Independents losing customers to big oil firms' price squeeze

By David Rogers Globe Staff

Major domestic oil companies, despite continued reports of shortages, appear to be using their price advantage to take customers away from New England's independent dealers — caught by their reliance on expensive imported products.

While the major firms continue to supply reduced allocations at the wholesale level, their retail subsidiaries have, in fact enjoyed a surplus, since warm weather and conservation have reduced demand as much as 30 percent over last year.

Large companies, which have fa-

cilities capable of storing the surplus, are now competing with the smaller independents, who in some cases pay more for their oil than their customers would pay at retail prices for the US supplies.

The price gap, up to 15 cents per gallon, has existed for more than a month now, but the competition has accelerated markedly as supplies have eased in recent weeks.

Owen Woods—a Needham dealer who buys his oil for 38 6 cents from Union Petroleum—said yesterday that he has lost about 50 customers this winter, with some reportedly getting fuel for 29 9 cents a gallon.

FUEL, Page 10

UMass-city-civic coalition hopes to revive Columbia Point

By John B. Wood Globe Staff

An unprecedented coalition of city agencies, community groups, and University of Massachusetts officials has agreed in principle to an ambitious proposal to revive the Columbia Point peninsula.

The coalition, some of whose members were publicly at odds less than a year ago, hopes to create a "new town in town" around the controversial UMass-Boston campus, the sagging Columbia Point housing project, and the defunct Bay-side Mall shopping area.

The "new town" would include 3000 units of new housing, to be integrated with 1000 units of existing public housing. The resulting complex would mix 1000 units of low-

income housing with 2000 moderate income and 1000 "market-priced" apartments.

The new housing would be built by a private developer, probably with a low-interest loan from the Massachusetts Housing Finance Agency (MHFA). The cost of construction and refurbishing existing units is estimated at \$125 million.

The proposal also suggests the creation by landfill of a 18-acre recreation area along Dorchester Bay, the revitalization of Bay-side Mall, and a new street pattern to bring disparate areas of the peninsula together. Total cost, including capital improvements and early land acquisition, would be about \$150 million.

The new housing would be available to UMass faculty and students,

who will start classes on the new campus next week. But it would not be intended primarily for them.

The idea is to do something for the project, and for the whole peninsula, which has never been possible before, said municipal aide Andrew Oliva, who brought the coalition together six months ago.

"Obviously, UMass is involved. The new campus has forced us to do more than spot planning for the peninsula. But this is definitely not housing for UMass. It is much more than that."

Oliva and other members of the coalition were reluctant to discuss specifics until a report, now being prepared by Cambridge architect Ben Thompson, is released next week.

COLUMBIA POINT, Page 24



Perry Fuller (standing) and Lois Cash cling to wing of their airplane shortly after ditching in the Atlantic 28 miles east of Norfolk, Va., when craft ran out of fuel. Photo was taken from Coast Guard helicopter which rescued pair and took them to Virginia Beach hospital. They're in good condition. (UPI)

Yen's value cut 7% by Japan Best gain in a year for dollar

By Fred Coleman Associated Press

LONDON — The dollar yesterday scored its biggest gain in Europe since the February 1973 devaluation, rising to its highest levels in almost a year.

A 7 percent de facto devaluation of the Japanese yen was believed to be the immediate reason.

In effect the US currency was back in business, heavily in demand, and looking very much like it was about to become once again the strongest paper money in the world.

For the first time in the dollar's long recovery, which began in July, the US currency in some European centers regained all the ground it had lost since February.

The dollar had lost some 20 percent in value floating down between February and July — after the 18 percent devaluation in February. By the end of trading yesterday, the 20 percent decrease was virtually wiped out.

Banking sources suggested that if the dollar recovery continued at its present clip, pressure may build to revise the US currency downward later in the year.

In the present economic situation, such a step would make the dollar the strongest currency in the world.

The dollar's recovery appeared to be fresh evidence that confidence in the major European and Japanese currencies is being undermined by the uncertainties of the energy squeeze. The dollar's resurgence seems based on the belief that the United States, which is far less dependent than Europe or Japan on Arab oil, will be better able to withstand both oil shortages and price increases.

If the dollar's resurgence continues, it could mean that Americans will pay lower prices for Volkswagens, Sony tape recorders and other imported goods. At the same time, foreign consumers could be paying higher prices for American foodstuffs, computers and anything else they import from the United States.

Dealers said the immediate cause of the dollar's upward surge was the action by the Bank of Japan which announced to a devaluation of the yen.

The Japanese increased the number of yen it takes to buy a dollar from 240 to 260, a jump of about 7 percent.

Dealers in Europe reasoned that if the Japanese currency was weakening against the dollar, the same thing was likely to happen with the stronger European currencies, perhaps including the West German mark. Similar de facto devaluations were thought possible in Europe.

DOLLAR, Page 12

NAMES & FACES IN THE NEWS

Dale Anderson, one of the most powerful suburban political bosses in the United States, went on trial in Federal court in Baltimore yesterday on charges of conspiracy, bribery, extortion and tax evasion.



ANDERSON ... on trial

John M. Sugarmann, the "father" of the national Read Start program and the administrator of the country's largest municipal agency, has been named chief administrator for the City of Atlanta by new Mayor Maynard Jackson.

Not long ago doctors predicted that Gary Steeks, if he lived, would be little more than a vegetable. Steeks went to Chicago last September to study biopsychology at the University of Chicago.

Katherine Hepburn, 64, has been hospitalized in Los Angeles for nearly two weeks but hospital officials refuse to reveal details of her illness. A University of California Medical Center spokesman said Miss Hepburn was admitted Dec. 27 and was expected to leave soon.

After a two-hour meeting of 10 senior members of the committee yesterday, the congressmen who had gotten off to a partisan start on their impeachment inquiry two months ago, appeared agreed that they have two top professional staff men who will help them seek the facts as to the President's involvement in Watergate or other acts that could justify his removal from office.



F.T. McNair ... to keep beard, turban

Rabbi Meir Kahane, leader of the Jewish Defense League, has threatened to stage demonstrations in Israel and the United States unless he is granted Israeli passport.

Quote in the news

Our numbers (statistics) are so bad we could have 50,000 people running around this country with a stick trying to gauge the inventories. — Federal treasury chief William B. Simon, who has opened a probe into oil stockpiling and possible hoarding. Story, Page 11

DUNAGIN'S PEOPLE



"And it comes with a two-month supply of ration coupons."

White House refuses to back Ford on tapes

By Lou Cannon Washington Post

SAN CLEMENTE, Calif. — The White House indicated yesterday that Vice President Gerald Ford was speaking on his own when he suggested that there is no room for compromise on tapes and documents that President Nixon has refused to turn over to the Senate Watergate committee.

"The Vice President was speaking as Vice President," said deputy press secretary Gerald L. Warren. "The facts are that nothing has changed since the President's letter."

Mr. Nixon wrote committee chairman Sam J. Ervin last Friday, refusing to honor three committee subpoenas seeking hundreds of Watergate-related tapes and documents.

Sam Dash, the committee's chief counsel, has said that the committee will reduce its requests to high-priority items before pursuing any lawsuit, and Ford appeared to be hopeful that the White House would take a less unrelenting view toward a settlement.

"I hope and trust as we go down the road perhaps there can be some compromise," Ford said Sunday on "Meet the Press."

Ervin said in an interview in Monterey, Calif., that he would welcome a President's letter in office but is limited to single term or that presidential campaign be focused in a "radically new" way.

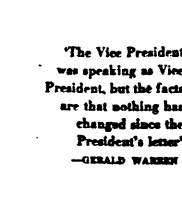


VICE PRESIDENT FORD

Privately, White House officials appeared to be anxious to avoid any concessions to the Watergate committee in advance of a determination in Federal court of the committee's right to five White House tapes of conversations between Mr. Nixon and his deposed counsel, John W. Dean Jr.

Judge John J. Sirica rejected a committee request for the tapes last October. Congress has since passed legislation giving the committee additional authority.

The Watergate committee, pressing its case for the five tapes, has the testimony that it may recommend that a President's letter in office be limited to single term or that presidential campaign be focused in a "radically new" way.



GERALD WARREN

The committee statements came in a two-page amended complaint and 22-page memorandum filed in US District Court in its suit to get the five tapes.

"If, for example, it is concluded that the President and his closest subordinates were involved in anti-semitic wrangling relating to the 1972 presidential campaign and election, further-reaching remedies may be necessary," it said.

"In such circumstances the committee might recommend that presidential tenure be limited to one term and the composition of the President in the campaign to choose his successor be drastically limited, or the committee might propose a radically new campaign financing system that would severely curtail the



GERALD WARREN

amount of private monies that might be contributed.

Judge Sirica signed an order earlier in the day turning over the committee's suit to US District Judge Gerhard Gesell.

In its 21-page memorandum, the Senate committee also said the President should not be "racked and chased" what materials he makes available to Congress. "It would be highly unfair... to permit the President to defy with the investigatory process by withholding the best evidence available.

"So long as the executive is allowed to resist full disclosure of evidence bearing on his own wrongdoing, public confidence in the self-correcting processes of government will remain at a low ebb," it said. Most of the memorandum dealt

specifically with the committee's standing to sue the President, the court's power to decide whether the President must comply with subpoenas issued by the Senate committee and the President's claim of executive privilege for the materials.

There appeared to be differences of tone between the White House's unrelenting public position on the committee subpoenas and the President's letter to Ervin and in the private statements of high Administration officials.

One highly placed White House aide said that it would be "premature" for the President to express a willingness to compromise before he sees what is requested in the "reduced list of materials" that the committee will seek. Another official said it would be relatively easy to compromise on some of the documents that already have been turned over to the Watergate special prosecutor.

After a wire service story on Warren's briefing said that the White House had "no plans" to yield any of the documents, Warren called reporters and backed off slightly from his formal comments. He said the White House would examine any new request from the committee and "evaluate it based upon the attitude reflected in the request."

Warren said, however, that the basic position of the President was unchanged and that Mr. Nixon had not discussed the issue with Ford since sending the reply to Ervin.

House panel Republicans pick top adviser on impeachment

By Richard L. Lyons Washington Post

WASHINGTON — Albert E. Jenner Jr., a Chicago lawyer who has taken on a series of challenging public service assignments over 20 years, was named by House Judiciary Committee Republicans yesterday as their chief legal adviser in the inquiry as to whether President Nixon should be impeached.

One Republican member, Rep. Tom Rostenkowski (D-Ill.), said Jenner's reputation in legal circles is so high that his legal advice either way "will make us think for us, whether either for or against impeachment."

The chairman also said there has been no decision whether public hearings will be held. Earlier there had been some discussion of holding public hearings on the question of whether there is an impeachable offense. This was not discussed yesterday, and several members said this must be a personal decision by each member.

Another member said Rodino announced at the closed meeting that any staff member who leaks information of the inquiry will be discharged forthwith. The staff is working on the second floor of the Congressional Hotel on Capitol Hill under tight security that keeps out unauthorized persons.



ALBERT E. JENNER

"make decision on"

Deer said after the meeting he told the committee that his investigation to date has consisted of assembling information already compiled by the Senate Watergate committee and the Federal courts here or otherwise put on the public record. Once this task has been completed, the committee must decide what further information, if any, should be developed, he said.

Deer now has a staff of about 20 lawyers and plans to hire about 10 more.

Still to be settled are arrangements for the committee to obtain and maintain confidentiality of information sought by Watergate special prosecutor Leon Jaworski for presentation to the Watergate grand jury. Deer said he has met twice with Jaworski, and that while arrangements have not yet been worked out there is no dispute between them.

3 Watergate 'Cubans' to be paroled in March after a year in prison

By Richard L. Lyons Washington Post

WASHINGTON — Three Cuban exiles who took part in the Watergate break-in were held for early release from prison yesterday. When they go free March 7th they will be the first defendants in the case to have gone the full route from arrest through punishment.

The US Parole Board voted to authorize early release for Basilio Martinez, 51, Frank Sturges, 60, and Virgilio Gonzalez, 47.

All three have been serving sentences of one-to-four years. They

will have spent about a year in prison by the time they are freed.

Throughout their trial the Cubans claimed they had not realized the exact nature of the operation they were recruited for — the break-in and hacking of the Democratic Party's national headquarters at the Watergate.

They argued that their superior in the operation had told them "the purpose was to search for evidence of a supposed link between the Democrats and the Castro government in Cuba.

Half favor special presidential vote

HARRIS SURVEY

By 50 - 36 percent, Americans favor holding a special election for President in 1974, if the Supreme Court found it was constitutional. By 53 - 37 percent, a majority agree that "because public confidence has been so shaken in the White House, a special election for President would clear the air and give the country a new start."

dem Nixon were to resign or were impeached. In that case, Ford would become President and could ask Congress to call a special election if there were no constitutional obstacles.

A Democrat would not necessarily win such an election in round Harris Survey trial runs for the 1974 election, Ford ran slightly ahead of Sen. Edward Kennedy and Sen. Henry Jackson, two of the most frequently mentioned Democratic candidates.

IT ALSO HAPPENED YESTERDAY...

INTERNATIONAL

AIRLINE DISASTERS in 1973 cost 833 passenger lives and 30 jets valued at \$151.2 million, Lloyd's of London reported. Lloyd's said last year's toll compared with 1300 lives and 25 jets lost in 1972. The company reported that known statistics also indicate the Soviet Union's state airline, Aeroflot, lost five jetliners and at least 113 lives. The largest single financial loss in 1973 was a \$24 million jumbo jet blown up by hijackers in July at Benghazi, Libya.

AN EARTHQUAKE near Lima, Peru, has completely cut off the only road leading to Yauyos, an Andean mountain town of 3000. Road gangs and bulldozers struggled to open the road so emergency supplies could be brought in. Thus far, 10 persons are known dead, five in Lima and five in sparsely populated mountains east of the capital, from the early Sunday tremor which seismologists at Boulder, Colo., said registered 4.2 on the Richter scale.

PANAMA and the United States may sign a new treaty on the Panama Canal by the end of this month, diplomatic sources in Panama City reported after the first of two days of talks between US Special Ambassador Edwin Butler and Panamanian Foreign Minister Juan Tack Panamanian officials called the talks very successful. Panama hopes to regain at least a portion of the zone

JAPAN and the Philippines moved to establish closer relations with talks between the leaders of the countries on most-favored-nation status in trade matters. Japanese Prime Minister Kakuei Tanaka who is in Manila to meet with President Ferdinand Marcos, said he hopes the two countries "can jointly and positively contribute to, and share, peace and prosperity in Asia." Tanaka also plans to visit Thailand, Singapore, Malaysia and Indonesia in his first Southeast Asian swing.

NATIONAL

WHISKY-WAREHOUSE receipts bought by investors hoping to recoup a spirited return may land them in the financial rocks, Federal officials warned. Both the Securities and Exchange Commission and White House consumer affairs adviser Virginia Knauer, said, among other things, the nonnegotiable warehouse receipts for shares in casks of whiskey are sold to investors at substantial markups and the promotional literature often contains false and misleading information.

CONSUMER CONFIDENCE in the United States is at its lowest ebb since the depression of the 1930s, a New York survey firm reported. Sindlinger & Co. said the percentage of American households with consumer confidence dropped from 66 percent Nov. 21 to 42 percent Dec. 18. They said a dip below 64 percent indicates a recession is under way and said the 42 percent figure was close to that recorded in the '30s.

AIR FORCE BOMBING practice in an island off Texas where the world's 68 known surviving whooping cranes spend their winters will be curtailed, Sen. William Proxmire

(D-Wa.) said. He said the Defense Dept. has agreed to restrict the 1000 strategic bombing and 4000 helicopter bombing runs made annually on Matagorda Island to June through September, when the birds, an endangered species, are nesting in Canada.

REGIONAL

INFECTIOUS HEPATITIS has struck 18 children living at the Bunker Hill Housing Project in Charlestown, the state Department of Public Health said. But Dr. George Waterman said the flare-up of the disease had not met twice in 1963. A Federal district court decision that the present owners couldn't bring suit because they were not owners at the time of the alleged looting was reversed by a court of appeals.

WALTER JAY SKINNER, 46, of Newton was sworn in as a Federal district judge in ceremonies at the McCormack Federal Building in Boston. Skinner, suggested for the post by Sen. Edward W. Brooke, replaces Judge Anthony Julian, who resumed 16 months ago to become a senior judge.



Undaunted by snow and subfreezing temperatures, Mr. Leo Belcher of Lincoln Park, Mich., wades into the icy waters of the Huron River at New Boston, Mich., where she was baptized by total immersion. "If you've got enough faith," said Mr. Belcher, "you won't get sick." Rev. Lloyd Smith (left) and Walter Mulline assist the 88-year-old woman (left).

Daylight time can't fool the inner man

By Herbert Black
Globe Staff

If you have been sleeping fitfully the past two days, waking at intervals to see if it is time to get up, it's because your circadian rhythm has been put out of whack by winter daylight time.

Circadian rhythm is one of the remaining mysteries of nature, a time sense possessed by humans, as well as all other forms of higher life. Physiological and biochemical processes fluctuate over the course of each day. The changes produce for each of us his own sophisticated clock.

It is a circadian rhythm that allows us to wake up at a time we determine beforehand. It is the rhythm that lets us know approximate time even in a room without windows.

The most common example of circadian rhythm disturbance is the long distance airplane flight. You land in London and it's 5 p.m. but your human time clock (your blood chemistry) says it is 11 a.m. because you are from Boston and that's the time it is at home. If you stay in London a few days your rhythm will "drift" into local time.

The difference this week of putting the clock ahead one hour will be compensated for in a day or so. If it isn't already, according to Dr. J. Woodland Hastings, professor of biology at Harvard, and Dr. Charles P. Lyman, curator in mammalogy at the Museum of Comparative Zoology, Harvard.

The ward circadian comes from the Latin *circus* (about a day). Hastings said scientific evidence indicates the "about" is a word because the circadian rhythm of mammals appears to run 25 hours instead of 24. "Still, that's pretty accurate," he said, "over that long a period."

Lyman, who is at the Agassiz Museum, said persons placed in soundproof, lightproof rooms are able to maintain their circadian rhythm. He said that nobody knows the power source for the human clock, but it is not a chemical action because it is not affected by temperature.

Lyman, who is also a professor of anatomy at the Harvard Medical School, studies the liberation rhythm in animals, which encompasses a year. This is called a circadian rhythm.

Hastings, who has studied circadian rhythm down to and below the cell level, said it exists in cells but so far there is no evidence of the rhythm in bacteria and viruses.

Body functions differ according to the circadian rhythm. For example, body temperature decreases at night and increases in the afternoon. Kidneys and other organs function in a rhythmic cycle. Some surgeons believe that a better understanding of circadian rhythm could give them a clue as to the best time to operate — when the rhythm is greatest so the patient can best withstand the surgery.

Indians and Harvard

Daniel Steiner, general counsel for Harvard University, has told the Massachusetts attorney general's office that the university believes it has no obligation to house Indian students without charge.

The students, formed as the Native American Students Association, have been arguing with Harvard for two years over the use of funds given to educate Indians. They claim the university has breached its trust obligations under a 1864 grant for a building to educate Indians.

Special assistant city gen. Daniel B. Bickford has said he will make a recommendation on the case to Atty. Gen. Robert H. Quinn later this week. That office is charged by statute with the enforcement of charitable trusts.



Ambassador Henry Cabot Lodge and Mrs. Lodge and former Mayor Edward Gilgun (center photo), deliver his inaugural address in City Hall. At right, James A. Sheets, former mayor, is escorted by 10 Quincy taxpayers who contend he can't hold two jobs. (Globe photos by William C. Curtis and Joseph Donnelly)

Inaugural themes: tax strain, fiscal vigilance, redevelopment

Fiscal vigilance, industrial development and redevelopment of downtown areas, complaints about the tax drain of public education; these were the themes in many of the inaugural addresses as mayors in most cities across Massachusetts took the oath of office yesterday.

The diverse group of mayors included a 22-year-old biochemistry major from the University of Massachusetts, a 32-year-old police sergeant from Chelsea and a Haverhill band leader.

Stephen Erickson, 22, the new mayor of Gardner, became the youngest mayor in the state yesterday. Erickson pledged to install an open administration which will pursue greater involvement by the people of Gardner in the workings of government.

Erickson completed his biochemistry courses at UMass-Amherst in December.

In Quincy, James A. Sheets, one of the nine newly elected city councilmen, declined to take the oath of office pending the court settlement of a dispute in which 10 taxpayers claim Sheets cannot legally hold two full-time jobs at the same time. Sheets currently is a professor at Quincy Junior College.

In his inaugural address, Walter J. Hanson, incumbent mayor of Quincy, called on labor, management and government to "work together in an atmosphere of optimism and cooperation to continue to maintain our downtown shopping area as the hub of the South Shore."

In another South Shore community, first term mayor David E. Crosby of Brockton termed the downtown section of Brockton a "wasteland."

Crosby promised to hire a city planner to solve some of the city's problems and to encourage new industry to locate in Brockton, an area with one of the highest unemployment rates in the state.

Mayors were also inaugurated in Taunton and Needham. Taunton Mayor Theodore Alexio took office yesterday morning promising to "seek a new spirit of understanding and cooperation in city government."

Alexio hopes to broaden the industrial base of the region by obtaining from the state 100 acres of the Paul A. Dwyer school for an industrial development.

In New Bedford, Mayor John Markey pointed to the planned construction of three elementary schools and a shoppers mall and high rise apartment complex scheduled to begin this spring as examples of new growth in the city.

In a midwestern address, Fall River Mayor Wilfred Driscoll called for a state takeover of the financing of public education, maintaining that the spiraling cost of education is close to "breaking the fiscal stability of our cities."

North of Boston, a former police sergeant began his second term as mayor of Chelsea, and a former state trooper became president of the Revere City Council.

Incumbent Chelsea Mayor Philip J. Spinola, referring to the disastrous fire of last October, said: "It is my desire to be remembered as a mayor who brought the city together in a time of need." He pledged to pursue funds for the urban renewal project in the city.

Edward L. O'Hara yesterday resigned from the State Police and was elected as a president of the Revere City Council. O'Hara has been involved in a controversy with Com. of Public Safety John F. Kebo since 1971 when he was elected to the Revere City Council.

William C. Reinstein, the incumbent mayor in Revere, pledged a commitment to the redevelopment of Revere Beach, which he called "essential to the image and tax stability of that community."

Revere Mayor George R. McCarthy said in his inaugural address that a massive overhaul of the water system is needed to guard against the danger of insufficient capacity for firefighting.

Beverly Mayor James E. Matthews outlined plans to conduct "a fiscal and operational audit of government," in hopes of reducing city budgets. He also said he planned to improve recreation facilities.

The nine aldermen in Beverly who took the oath of office included Joseph A. Vergara from Ward 3, who had been tied with William Trator in the original election for the post. Vergara was unanimously selected for the post by the other eight aldermen.

Other North Shore communities where inaugurations took place included Newburyport and Peabody, where both mayors threatened to withdraw their support of regional vocational schools because of what they termed fiscal irresponsibility on the part of the state.

Peabody Mayor Nicholas Mavroukas said the state has been "discharging its obligations . . . (and) shortchanging cities and towns."

"I subscribe in principle to the concept of regional vocational districts, but I cannot favor participation by our city as a major contributor as long as the (state) continues to pursue a policy of fiscal irresponsibility," he said.

Newburyport Mayor Byron J. Matthews called the Whittier Vocational School "one of the most severe financial problems that we have."

He added: "If the school does not stop increasing spending we shall have no other alternatives but to consider possible withdrawal."

In Salem, Mayor Lynn LaVesque promised to institute "fiscal vigilance" to hold down the cost of government. He also promised to promote the resurgence of business and economic activity that has started to occur in the last few years.

Phillips outlined a 10-point program which included new industrial development on the Lynnway, expansion of the MBTA blue line and requests for more state and Federal grants.

Salem Mayor Jean LaVesque promised to institute "fiscal vigilance" to hold down the cost of government. He also promised to promote the resurgence of business and economic activity that has started to occur in the last few years.

In Lowell, construction foreman Armand Lemay, a fourth term incumbent, was chosen yesterday for mayor.

In Lawrence, incumbent Mayor John J. Buckley said he planned to ease the housing shortage in that Merrimack Valley city by rehabilitating substandard housing in the Arlington district of the city.

Haverhill Mayor George Kataras said he will develop a new economic program aimed at expanding the industrial base of the city. Haverhill has been plagued with a high unemployment rate for years.

Claiming that Marlboro is the fastest growing industrial community in the 485, Marlboro Mayor Edgar C. Gaddis said: "Our city must grow, but the growth should be orderly and planned, not explosive and sprawling."

Other communities where inaugurations took place yesterday included Springfield, Chocoma, Holyoke, Northampton, Pittsfield, North Adams, and Westfield.

In Medford, one of the cities where the mayor is chosen by the city's legislative body, Frederick H. DeIorio was picked by a 4-3 margin by the City Council.

The youngest mayor in Medford history, DeIorio called for expanding the Rand street redevelopment project in North Medford. He also urged the city to move ahead with traffic improvements.

Webster Mayor Edward Gilgun praised the economy of his own administration, citing two successive tax cuts. And he warned that the seven-member school committee "must be prepared" to adopt \$1.2 million in cuts from its proposed budget.

In Somerville, Mayor S. Lester Ralph announced plans for a "massive restoration of the city's water and sewerage system." The system, he said, were more than 100 years old.

Malden Mayor Walter J. Keilher called for a "massive rebuilding effort in the city," including plans for a Re. 40 bypass of the downtown area and an urban renewal project.

Melrose Mayor James E. Milano said the city has recorded approval of a second housing project for the elderly. He also said the city is "moving in the direction of a third project in this field."

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City Clerk Paul Healy will chair the council until Mayor is elected, which is expected in the next few days.

Members of the liberal bloc are newly elected David A. Wylie, a former three-term school committee member, and incumbents Francis H. Dineen, Sandra Graham and Barbara Ackermann. Mrs. Ackermann's two-year term as mayor expired at 10 a.m.

City Clerk Paul Healy will chair the council until Mayor is elected, which is expected in the next few days.

6 ballots fail to elect mayor in Cambridge

By Joe Piatek
Globe Staff

The specter of 1948 haunted the Cambridge City Council chambers yesterday morning as members swore in and began what would be 41 months-long haste to elect a mayor.

Twenty-six years ago, council members spent more than four months and cast 1271 ballots before electing a mayor. Yesterday, after six inconclusive ballots followed the swearing-in of two newcomers and seven re-elected incumbents, there was widespread speculation that 1948 could happen all over again.

More mayoral balloting will be the first order of business when the council reconvenes at 7 p.m. today in City Hall.

Neither Councilman Walter J. Sullivan nor Councilman Thomas W. Dineen, considered the frontrunners for the mayoralty, received more than three votes on any of yesterday's ballots.

Both men are members of the conservative Independent bloc, which won a 3-4 council majority in the Nov. 6 elections. Sullivan, a former mayor, bases his claim to another term on his first-place showing around 34 candidates, while Dineen believes he should get the job because he has served longer than any other Independent who has served as mayor.

Under Cambridge's Plan E (strong city manager-council) system, election of a mayor is optional. He will chair the School Committee.

In yesterday's balloting, members of the minority liberal bloc voted for each other in relation to a plan to merge with the city of Somerville. Dineen and Sullivan voted consistently.

Sullivan, a former Councilman Alfred J. Velluto, another liberal mayor, voted for Dineen. The fifth Independent, Daniel Clinton, voted for both Sullivan and Dineen in successive ballots.

Members of the liberal bloc are newly elected David A. Wylie, a former three-term school committee member, and incumbents Francis H. Dineen, Sandra Graham and Barbara Ackermann. Mrs. Ackermann's two-year term as mayor expired at 10 a.m.

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O'Hara to head Revere council

Edward L. O'Hara, who resigned yesterday as a trooper with the State Police, was elected president of the Revere City Council yesterday by a 4-3 vote.

O'Hara resigned as city councilman last November after he was warned that he would be dismissed from the State Police if he kept that job. His wife was elected to fill the remaining weeks of his two-year term.

"I had a desire to serve the community," he said last night, "and I felt I could best serve the public in the City Council."

O'Hara has been involved in a dispute over his job with Public Safety Com. John F. Kebo since 1971, when he was elected to the Revere council.

O'Hara said in addition to his council duties he will be working as a court officer at Suffolk Superior Court in Boston.

'Sexist' society failed to discourage NOW president

By Lucinda Smith
Globe Staff

It came to her slowly, during the years of college and job-hunting efforts.

Professors at the University of Michigan seemed to slow the pace of her teaching when instructing her. Looking for a job was something to do after education — something not particularly related to college training.

For Carol Cole, the new president of the Eastern Massachusetts chapter of the National Organization for Women (NOW) joining the women's movement was more of a reaction than an action.

"Professors at college would come right out and tell me that my education was a waste because I'd just go out and get married, and last week during a cafeteria visit I had a 99-cent spec-

like people were dumping on me, personally — on my personality. It took time for me to realize that I wasn't an isolated case."

Cote, 30, is well into a career now, which she describes as "exciting, hectic, and rewarding editor." She is managing editor of "The Writer" magazine, a nationally distributed monthly publication.

"The Writer" is a journal for journalists and fiction writers. Cote joined the staff of the magazine in 1967, and was named managing editor two years ago.

She remembers the days of job-hunting. "I knew I was interested in writing, and I knew I had a fair grasp of language, even though I wasn't an English major," she said. As a classmate, Cote had mastered several languages, and was well-versed in structure, grammar, and word usage.

Less than three years ago, Cote joined the Eastern Mass. chapter of NOW. "I was beginning to realize that I wasn't an isolated case," she said. Her first experi-

ence in the organization was a plunge into a consciousness-raising group.

"In the group, you begin to realize that what you think is your own personal problem — like professors not encouraging you career-wise — is a societal problem. The wilting individualism is the whole sexist society, the attitudes about women," said Cote.

As the new president of the Eastern Mass. NOW, a chapter with about 700 members, Cote plans to fight sexism on many fronts.

Legislative proposals dealing with labor laws, abortion, and sex discrimination will be among the projects undertaken by NOW, as well as efforts to improve day care facilities, health care for women, and the image of women in the media.

Cote lives in Brookline with her husband, Laurie, a self-employed piano tuner and technician. He is a member of NOW's first consciousness-raising group for men.



NOW's Carol Cole at work in Arlington street office (Globe photo by Tom Landers)

Sargent calls for state council to monitor US programs in Mass.

By Peter Lucas
Globe Staff

Gov. Francis W. Sargent yesterday called for the creation of a state Council on Federal Affairs to monitor Federal programs affecting Massachusetts during a year in which he promised increased local aid with no new taxes.

The chief executive, in his annual message to the Legislature, said the council would consist of himself and legislative leaders and would speak with a unified voice on national policies that influence the state.

"We must proclaim and demand our right to influence these national level decisions that are felt on every street, in every house of the people of our state," Sargent said.

Sargent also proposed a cost of living increase to persons on welfare and general relief, then channel the energies of the many people across the commonwealth who want to help, but today have no means, no method of doing so," he said.

Sargent said he will also file legislation dealing with consumer protection, mental and public health, education, the environment, transportation, elderly affairs, women's opportunities and judicial reform.

Sargent also brought up the unfinished business of the reorganization of state government and the energy crisis.

Only two of the governor's 10 reorganization plans were approved by the Legislature in 1973, and only two of his emergency energy bills were passed during a special session of the Legislature.

He said he will reintroduce Sargent store halts sale of handguns

Gov. Francis Sargent's address to the Legislature yesterday included his promise to file legislation calling for tighter control over the sale of handguns.

Apparently, the governor is practicing what he's preaching, because his Cape Cod store, the Goose Hummock Shop, was not offering handguns for sale yesterday.

Handguns have been discontinued here, said a clerk at the Orleans store, which still carries Smith and Wesson pistols for several calibers of handguns. The store also was refusing to take orders for handguns over the telephone.

"Massachusetts, perhaps more than any other state, is ready for tough times."

development Dept. with the Manpower Dept.

For the third straight year, he said, he will hold the line on new taxes, yet help those who need state assistance. "The sun will be two-fold then: no new taxes, no more citizens can keep more dollars, and a decision to spend more state dollars for those in more need," he said.

On citizen participation, he urged creation of an Office for Citizen Participation to serve as a clearinghouse for people who want to volunteer their services to the state.

"It will offer a way to tap and then channel the energies of the many people across the commonwealth who want to help, but today have no means, no method of doing so," he said.

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his reorganization plans as well as his veery bills. In his opening statement, Sargent said that despite the various crises that the nation faced in 1973 the "quality" of Massachusetts remained.

"That quality, he said, was the "unique sense of balance, of proportion, those basic values that have served us well that have seen us through troubled times before. That has not changed."

"In recent times, when demonstrations and protest rocked our nation, some smashed heads to keep order. The Massachusetts quality preserved free expression — and kept order well."

"In recent times, when money was short, some slashed aid to the elderly, the disabled, the needy. The Massachusetts quality kept its promise to all our people," the governor said.

"And that is why Massachusetts, perhaps more than any other state, is ready for the tough times, ready to ride out whatever storms, ready to hold our ground — ready even to lead America in dealing with what is before us," Sargent said.

Sargent said his proposed State Council on Federal Affairs will be funded by his office. It will consist of the governor, the speaker, the Senate president, and the House and Senate Minority Leaders.

Guidance unit director fights to keep his job

Dr. Norman Bernstein, child psychiatrist who was dismissed last week as director of the Newton Guidance Center, began his fight for reinstatement yesterday at a closed hearing at the state Department of Mental Health.

Bernstein was fired without a hearing after a long series of administrative problems involving questions of professional versus community control.

Bernstein, who also is affiliated with Harvard Medical School and Massachusetts General Hospital, obtained a court injunction last week to prohibit his dismissal by Dr. William Goldman, state commissioner of mental health.

According to mental health officials, Bernstein was dismissed from the position he has held since May so that an administrative reorganization of the clinic could be undertaken.



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54" long	11.00	8.99
63" long	11.25	8.49
72" long	12.50	9.99
84" long	13.00	10.99
90" long	14.00	11.99
Pair of 72" wide draperies		
63" long	24.50	21.99
84" long	26.50	23.99
90" long	29.00	25.99
Pair of 96" wide draperies		
63" long	30.00	26.99
84" long	32.50	28.99
90" long	35.00	31.99
Pair of 120" wide draperies		
63" long	41.00	36.99
84" long	45.00	41.99
90" long	48.50	43.99
Pair of 144" wide draperies		
63" long	44.50	39.99
84" long	51.50	46.99
90" long	54.50	48.99
Antique valance	8.00	6.99
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Tiebacks, pair	6.25	5.99

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35 Bay State mayors to be sworn in tomorrow

Mayor William Tauber, who was hospitalized with stomach trouble for five days after Christmas, will return to work at 10 a.m.

Tauber will be faced with decisions on the future of Boston's central business district and a planned revision of the city charter.

Mayor John J. Buckley, 57, will be inaugurated at 10 a.m. in the Lawrence city library, along with the rest of the city council.

High unemployment, the need for a new high school and housing deficiencies face the eight-term mayor in a year when the energy crisis and Buckley's promised fiscal austerity could restrict municipal spending. School committee members will be sworn in at city hall at 7:30 p.m.

Mayor-elect John B. McLaughlin says he shifted the inaugural from Monday morning in city hall to 8 p.m. at Lesseaux high school so that more residents could attend.

McLaughlin's major concerns will be a \$18.5 million school building program and employment problems in the city's dominant plastics industries.

Lynn mayor-elect David L. Phillips hopes to restore political unity in the city, improve Lynn harbor and the MBTA's Blue Line to the city in his first term as mayor of Lynn.

Phillips will be inaugurated at 8 p.m. in the city hall auditorium with 100 on councilmen and six school committee members. Among them will be 13-term school committee member Robert K. Webber, whose son was elected Jr. in Essex Superior Court.

Mayor Walter Kallher, 46, will be sworn in for his eighth term at 8 p.m. at Middle High School. Kallher will work for a \$1.6 million to make room for urban renewal in Malden Center and press for a satisfactory solution to area solid waste problems.

An ceremonial service at 8:15 a.m. will precede the 18-a.m. inaugural of 86-year-old Mayor Edgar Godbout at Marlboro High School. His father, Romeo Godbout, is a former Marlboro mayor, and his brother-in-law is now city solicitor.

Construction of the proposed \$12.5 million high school is the major project for Mayor Godbout's second term.

Milwauke Mayor James E. Milano, 63, will begin his second term at 7:45 p.m. City Hall ceremony. A reorganization of city agencies highlights Milano's program, including creation of a redevelopment authority to direct a proposed downtown renewal project.

Fifteen city officials will be sworn into office at 10:30 a.m. in New Bedford High School auditorium, among them second term mayor John Marvey and Councilman George Rogers, a former mayor.

Marley faces construction of two elementary schools to maintain racial balance at the school system, and a massive urban renewal project is scheduled to begin this spring.

Fourth term Mayor-elect Marvin E. Johnson, 45, will be inaugurated in the city council chambers at 10 a.m. Johnson will push forward on the central business district urban renewal project, extension of the city's water and sewer lines, and a \$400,000 Federal grant for expansion of the Lord Timothy Dexter Industrial Green.

Three new school committee members will be sworn in at 8 p.m.

Third term Northampton Mayor Sean Dunphy will be sworn in at 11 a.m. in the high school auditorium. Dunphy will be faced with decisions on school building and urban renewal programs and implementing the city's new conservative zoning ordinance.

Joseph R. Bianco will be the last mayor inaugurated in Northampton and City Hall building. The 150-year-old structure which lives in a nearby mansion, is scheduled for demolition this summer. In his third term, Bianco will try to attract business tenants for a changing mall proposed for the downtown urban renewal area.

Peabody Mayor Nicholas Mavroudes, 44, will be inaugurated at 10 a.m. before 750 members of the senior class in the Veterans Memorial High School auditorium. Mavroudes says he will concentrate on the stability of city departments, extension of sewer lines and acquisition of state aid in his fourth term.

Management consultant Ryan K. Dobbie, 38, will begin his first term as mayor of Framingham at 10 a.m. Urban renewal, rising taxes and mass transit issues are top priorities for Dobbie as he has been abruptly curtailed by the financially troubled Dufour Bus Co.

Students from Quincy Junior high, high and vocational schools will participate in second term Mayor Walter Hancock's 10 a.m. inaugural at Quincy Vocational Technical High School.

Resolution of the city's tax rate problems and development of the city's central business district are major concerns in Quincy.

Mayor William G. Reinstra of Beverly will begin his second term in 10 a.m. at City Hall.

The 21-year-old former state representative, councilman and school committee chairman says he will concentrate on "making Beverly a city which people will want to come into" and promote redevelopment of Beverly Beach.

Salmon Mayor Jean A. Levesque will speak on the problems of "faith in government," completion of a new high school, sewer expansion and negotiations with city workers in his 10 a.m. inaugural address at City Hall.

The city council will meet this week to appoint a replacement for councilman-at-large Richard B. O'Keefe, who died last month. A joint committee

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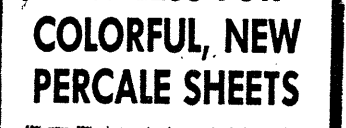
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6 1/4%	6.81%
5 3/4%	6.00%

Cambridge Bank

High court upholds price controls for independent gasoline stations

United Press International — The Supreme Court yesterday refused to interfere with government price controls on the nation's 183,000 independent gasoline station operators who complain they are being unfairly treated and financially ruined.

The court rejected an appeal by two owners in a brief order without comment. The test case did not involve stations owned by the major oil companies, which are subject to an entirely different pricing mechanism.

The legal fight originated last August when the Court of Living Council (CLC) set a ceiling price for independent retailers that allowed them to charge prices that prevailed Aug. 1, plus the markup in effect on Jan. 10 at 1 cent a gallon, whichever was higher.

In December, the operators were allowed an addi-

tional one cent a gallon increase and the CLC is considering a new formula to take into account current shortages for the stations.

Murray Anderson of Waynes, Ga., and Joseph J. Grish of Sterling Heights, Mich., brought suit to bar the government from imposing the price controls on grounds independent dealers had been singled out for discriminatory treatment.

US District Judge Burlington D. Parker granted a temporary injunction but a special emergency court of appeals set up to expedite action in price and wage control disputes ruled that Anderson and Grish had failed to exhaust all the administrative remedies provided under the program.

In their unsuccessful appeal to the Supreme Court, their lawyers contended that the price ceiling placed upon the independent stations was unconstitutional.

—Agreed to rule on disputed claims of former Army and Marine Corps personnel for more than \$12 million in readjustment pay.

—Refused to disturb a Federal judge from limiting the number of independent clients who may be served at any one time by a legal aid society.

same officials who had rejected their earlier arguments. They also asserted that further administrative procedures would impose further financial burden on the already hard-pressed independent station owners.

The court yesterday also agreed to decide later this term the constitutionality of a California regulation limiting access by the news media to prison inmates. A three-judge Federal panel ruled Aug. 18 that the restriction was unconstitutional.

ENERGY SIDELIGHTS

US allots more fuel to military

WASHINGTON — The Fed. of the Oil. Other has increased the amount of fuel which the Pentagon may use, allowing a resumption of suspended flights by Air National Guard and air reserve units, the Pentagon reported yesterday.

Spokesman Jerry W. Firdman said the slight increase in fuel supplies consumption will also permit some regular Air Force units to increase their training and operational flights, reduced as much as 5 percent in some parts of the world.

Arah embargo thaw hinted

LONDON — The Arab oil embargo against the United States and the Netherlands and ends of crude shipment to other countries may be lifted by next month, oil industry sources said yesterday.

Alternatively, the sources said, the embargo may be quietly allowed to "peel out." They said the might prove more acceptable to the Arab governments, which have been taking a hard line.

The fading away of the oil embargo is not, however, expected to lead to an early increase of oil production to new high levels required by the rising demand.

Officials deny school closings

WASHINGTON — Federal education and energy officials yesterday said temporarily closing schools to conserve fuel would do more harm than good.

John C. Sawhill, deputy administrator of the Federal Energy Office, said such a school closing would be a serious error.

Sawhill and John Olson, education commissioner, told a Senate subcommittee on education that early reports indicate more job losses, increased unemployment and higher home energy consumption would result from school closings.

Oil price freeze sought in R.I.

PROVIDENCE — Rep. Edward P. Beard (D-Cranston) yesterday called on oil dealers in Rhode Island to voluntarily freeze their prices because of recently acquired storage facilities at the Melville Naval Fuel Depot.

Beard, a first term legislator, said Rhode Islanders were paying between 37 and 40 cents a gallon for home heating oil. He said it was his understanding that the acquired storage facilities would provide a state of substantial reserve supply of oil for some time.

"Since we have that reserve, I would like to see voluntary controls on prices for now," he said.

Shah sees industrialized Iran

TEHRAN — The Shah of Iran predicted in an interview published yesterday that by 1985 his country will be industrialized enough to sell petroleum in the form of petrochemical products like aspirin and plastic rather than crude oil.

Interviewed while visiting Vienna late last month, the Shah also said "Through the exploitation of cheap oil, you had made a different society and then the petrochemical industry in which almost everything was free and freedom was allowed."

Sweden mob gasoline stations

STOCKHOLM — Thousands of motorists converged on gas stations across Sweden yesterday to fill up before nationwide gasoline rationing began at midnight. Starting today, car owners will be allowed only 34 gallons to last them the 82 days until Feb. 23, the end of the first rationing period. Despite government warnings and the threat of stiff fines for hoarding, motorists were filling reserve containers in pump attendants looked the other way.

\$100m in US aid to help construct Egypt pipeline

WASHINGTON — The Export-Import Bank yesterday announced approval of a \$100 million US financing plan to construct a double-barreled 308-mile oil pipeline in Egypt — the first major US aid to that country since the 1957 Suez Canal War.

The Federal bank approved the massive financing plan to construct the pipeline from the Gulf of Suez to the port of Alexandria in the first loan it has made to Egypt in 10 years and the first major US Federal assistance of any sort since the 1957 war.

The approval came as Secretary of State Henry Kissinger planned to fly to Cairo to negotiate the Egyptian crisis.

Major international oil companies, including British, French and US firms, have agreed to contribute to deliver oil through the \$28 million pipeline to serve what is described as significant amounts of money in transportation costs alone the pipeline will save the present costs of transporting oil by tanker around Africa.

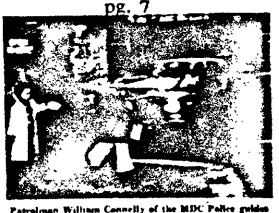
Hub landlords ask rent hearing

Boston landlords have asked city rent control administrator John Grace to schedule a public hearing for a general rent increase, because of rising fuel costs.

The 1500 landlords, members of the Rental Housing Assn. of Greater Boston Real Estate Board, say fuel cost increases have hurt all owners who pay for heat for their tenants. "The charges they charge is in Boston and other rent-controlled cities."

Rudy J. Flischocker, president of the property owner group, said the rent control office, which must approve all increases in Boston, "can't handle the volume of cases. Every owner must apply individually for a higher rent, but the formula for granting increases is antiquated."

Flischocker added that landlords must file the increase between right and left pages and controlling rent prices and controlling



Parliament William Connolly of the MDC Public guides youngsters across the street at Newport Circle in the predawn darkness. (Globe photo by Dan Sheehan)

Bay Staters left in dark

TIME — We expect to save 32,000 barrels of the 18 million barrels we burn each year. That's a fraction of one percent," he said. "What we save at night we burn in the morning."

He termed the new Daylight Saving Time "a psychological move to make something being done to solve the energy crisis."

Although commuters had an extra hour of daylight last night, it had no obvious effects on driving patterns.

"Traffic seems heavier than usual but I don't know why," said MDC Director Paul Curtis during the rush hour. "The cars aren't going any slower and we're giving out the usual number of traffic tickets."

Projected over the year, our savings will be insignificant," said J. Norman McKenna of Boston Edison's public relations department.



Arthur E. Power, first selection of Berlin, Conn., displays punch cards which could form the 150 vocabulary for the new wordy alphabet of general. Power has recommended that such a plan be adopted by other communities in which scholars flourish as their own ears to answer almost. (AP)

Small oil dealers lose to major firms

SPECIAL — Continued from Page 1.

Under the Federal allocation program, costs of the major firms is required to supply Wood—so he was not their customer in 1973—and they have reduced the portions of the program allocated to them.

The price disparity that traps Wood is not unusual when terminals like Union and Northeast Petroleum bought heavily in foreign markets as the majors said they could not secure supply and the prospect for the present allocation program were uncertain.

Natural gas utilities have also tried to park up the independent accounts, despite industry forecasts of a serious long-range shortage in the resources.

On a national level the natural gas sales volumes grew by only 0.3 percent in 1973, yet according to accounts it lost to gas in a recent five-month period was up 170 percent.

As long as the oil being sold to these new customers comes from a retail surplus, there is nothing illegal about the major firms' activities, according to the Federal Energy Office in Boston, which administers the program in New England.

If these firms are deliberately reducing wholesale allocations by failing to report their supplies to the regional committee of producers to study the refinery issue.

The first pamphlets on the economic and environmental impact on the re-

ENERGY SAVERS

- 6000 suggestions for conservation during this hot summer.
- When buying a new refrigerator, consider the energy consumption of frostless models.
- Never use your oven for room heating except in an emergency.
- Remember that "instant" or solid state TV sets use far more electricity than a first season model.
- The original plan set in written limit for sulfur content on other oil or coal fuels, but the EPA said it would permit no more than 2.5 percent sulfur and imposed conditions effectively asking distributors to allocate the cleanest available fuel to the smaller users and those located in the Boston area.
- Estimates in Newmarket, a small New Hampshire town bordering on Durham where Amstar's ammonia plant is located, would be met on March.
- Gov. Malcolm Thompson met with Obama in New York, while in Ketchikan, a small Alaskan town, which will ask if residents approve of a refinery in the state's coast area, provided it meets state and Federal environmental standards.
- will be voted on in March.
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- Remember that "instant" or solid state TV sets use far more electricity than a first season model.
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Hub rent hike

By Robert A. Jordan
Globe Staff

Boston Rent Control Administrator John E. Grace announced today he will allow landlords to increase rents from a range of two to seven percent this year to cover rising fuel costs.

He expects another rent increase in 1975 from one to five percent for the same reason.

Grace, however, stressed that the fuel costs will be shared equally by owners and tenants during 1974.

"It would be unfair to landlords to provide no rent increase in the face of rapidly increasing costs of oil," he said, and it would be "unfair to tenants to require them to bear the full burden of these cost increases before these increases have been fully established by experience."

In effect, Grace ruled out a general rent increase favored by members of the Greater Boston Rental Housing Assn. He said a general increase would be "either too much or too little" as applied to specific cases.

Grace emphasized that no tenant should pay the rent increase without formal notification from the Rent Control Administration.

He added that he was considering a public hearing on the matter so both landlords and tenants can air their views. Grace acknowledged that "serious questions" had been raised by landlords as to whether the projected increases allowed will be enough to pay their share of the costs.

But Grace said the only fair way to proceed is "building by building on individual petitions as we have done successfully in the past."

Therefore, Grace said, the Rent Control Administration will allow one-half of the projected increase in fuel costs during 1974 in computing allowable rent increases on petitions filed this year.

Any cost increase experienced during 1974 in excess of this amount will be allowed on petitions filed during 1975, Grace explained.

"While there is no such thing as an average rent increase, we expect that the rent increases required to cover the increasing cost of oil will, in most cases, fall within a range of two to seven percent during 1974 and another one to five percent in 1975," he said.

Grace stated that the financial squeeze on owners and tenants "will be very severe this year and probably next year. He said it might be a good idea for banks to come to their aid by deferring payments on mortgage payments."

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MISSIE'S Briefs BIKINIS 1 for \$1 2 for \$1.50 3 for \$2.00	L'L GIRLS' Assorted SWEATSHIRTS 1 for \$1 2 for \$1.50 3 for \$2.00	QUALITY Boxed Stationery 1 for \$1 2 for \$1.50 3 for \$2.00	SET OF TEN Beverage GLASSES 1 for \$1 2 for \$1.50 3 for \$2.00	SALE! Household GADGETS 1 for \$1 2 for \$1.50 3 for \$2.00	WOMEN'S Famous Makers Pantyhose 1 for \$1 2 for \$1.50 3 for \$2.00	BARBIE'S Doll CLOTHES 1 for \$1 2 for \$1.50 3 for \$2.00	BOYS' Knit HATS 1 for \$1 2 for \$1.50 3 for \$2.00	MEN'S Leather BELTS 1 for \$1 2 for \$1.50 3 for \$2.00
FRENCH Salad BOWLS 1 for \$1 2 for \$1.50 3 for \$2.00	GIRLS' Assorted KNEEHI'S 1 for \$1 2 for \$1.50 3 for \$2.00	MISSIE'S Fashion BLOUSES 1 for \$1 2 for \$1.50 3 for \$2.00	48" WIDE Drapery or FABRICS 1 for \$1 2 for \$1.50 3 for \$2.00	SATIN Pillow CASES 1 for \$1 2 for \$1.50 3 for \$2.00	WOMEN'S Comfortable Support Hose 1 for \$1 2 for \$1.50 3 for \$2.00	FAMOUS NAME Chocolates 1 for \$1 2 for \$1.50 3 for \$2.00	DAWN'S Doll CLOTHES 1 for \$1 2 for \$1.50 3 for \$2.00	MEN'S Assorted SHIRTS 1 for \$1 2 for \$1.50 3 for \$2.00
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VACUUM Cleaner BAGS 1 for \$1 2 for \$1.50 3 for \$2.00	GIRLS' Assorted PANTY HOSE 1 for \$1 2 for \$1.50 3 for \$2.00	2-POUND Fruit CAKE 1 for \$1 2 for \$1.50 3 for \$2.00	NOVELTY Assortment of CURTAINS 1 for \$1 2 for \$1.50 3 for \$2.00	HOUSEHOLD ITEMS Special Values 1 for \$1 2 for \$1.50 3 for \$2.00	MISSIE'S Assorted Briefs & Bikinis 1 for \$1 2 for \$1.50 3 for \$2.00	FABULOUS Date-Mate Cosmetics 1 for \$1 2 for \$1.50 3 for \$2.00	MEN'S Stretch ROSIERIE 1 for \$1 2 for \$1.50 3 for \$2.00	MEN'S Assorted TIES 1 for \$1 2 for \$1.50 3 for \$2.00
SET OF SIX Steak KNIVES 1 for \$1 2 for \$1.50 3 for \$2.00	CHILDREN'S Terry SLIPPERS 1 for \$1 2 for \$1.50 3 for \$2.00	FAMOUS Break SHAMPOO 1 for \$1 2 for \$1.50 3 for \$2.00	COLORFUL Towel PILLOWS 1 for \$1 2 for \$1.50 3 for \$2.00	ASSORTED Household CLEANERS 1 for \$1 2 for \$1.50 3 for \$2.00	MEXICAN Onyx Ash Trays 1 for \$1 2 for \$1.50 3 for \$2.00	MINIATURE Floral and Fruit Arrangements 1 for \$1 2 for \$1.50 3 for \$2.00	BOYS' Thermal Underwear 1 for \$1 2 for \$1.50 3 for \$2.00	WOMEN'S Extra Size PANTS 1 for \$1 2 for \$1.50 3 for \$2.00

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Comp. to \$55 to \$75 MEN'S ASSORTED WORSTED SUITS \$28	Usually \$24.95 to \$39.95 MEN'S SPORT COATS \$18	Comp. Usually \$10.00 MEN'S ASSORTED KNIT SLACKS \$7	Usually \$15.00 MEN'S ASSORTED OUTERWEAR \$10	Usually \$12.99 to \$15.99 & WOMEN'S Personal First SNAPCOATS \$2 to \$5
Arrgs. of \$7.99 to \$14.99 No-Iron Throw Style BEDSPREADS \$6	Reg. \$59.95 to \$89.95 Broadloom Area RUGS \$30	Arrgs. of \$4.75 to \$7.99 Print, No-Iron SHEETS 2 for \$5	Arrgs. of \$5.99 to Solid Color Acrylic BLANKETS \$3	Reg. \$2.99 to \$4.99 MISSES' & WOMEN'S LONGLINE BRAS 2 for \$3

Didn't assure New England 4.5m barrels, Simon says

★ PUEB
Continued from Page 1

The 4.5 million figure, first cited by Simon at his press conference on Dec. 27, has been widely reported as a reference to oil, not just shipping, but he denied he is now hedging on an earlier promise.

The New England Power Pool has estimated it needs that much oil to maintain adequate reserves, and Simon said his Federal Energy Office will still try to meet this requirement by identifying future cargoes — like the 13 million — and through the new allocation program which becomes effective next week.

"We said we would identify problem areas, and one of those was where utilities had less than a 27-day supply," Simon said. "We were moving to meet that need, and that first required finding more shipping to bring the oil to New England."

"We said then we had the available tankers, and we'll do the best we can without answering in specifics, to get the oil every-where," Simon said. "We were making these comments in a telephone conversation yesterday afternoon, and we went through New England's governors and congressmen promising that the region's needs would be fairly and equitably met."

The letters reportedly made no mention of price, but in a telegram to Simon yesterday, Massachusetts Gov. Francis W. Sargent asked that he intervene on behalf of Boston Edison, which has been asked to pay \$27.50 for one of the cargoes cited by the Energy Office.

Edison refused last week to accept this shipment,

and its president, Thomas J. Galligan Jr., said then that Simon wanted the utility to accept the expensive oil as a condition for receiving a second from Florida Power & Light.

On the telephone yesterday, Simon said this was not the case, that his staff was now trying to complete negotiations for the Florida Power & Light, which would amount to an exchange with the Miami-based utility.

The 13 million barrels which Simon's office is now trying to get for New England amount to an emergency diversion in anticipation of forecasts that the utilities' reserves would be exhausted by the end of this month.

The urgency of these productions — first noted in December — was toned down somewhat yesterday by a spokesman for the Power Pool, who said conservation measures and shifts in the companies' fuel usage had pushed any such crisis back into February or March.

Conservation last month cut power demand by 11 percent, according to James Lydon, who said the companies are able to increase its reliance on a major nuclear plant in Middletown, Conn., and had purchased power from Canada and the Midwest.

On which provided \$1.9 billion in Federal aid to the region's power at the first of last month had fallen to \$4.8 billion, while all other sectors, coal, hydroelectric and nuclear, had increased their share.

Of the region's three major utility companies, only the Public Service Electric and Gas Co. may face the most immediate fuel problems, and officials did take such a safety measure, but about 200 students walked out of Toll Gate High School in protest of the half-hour class in their schedule.

New England Electric began burning coal at its Merrimack plant on Tuesday and wants now to begin at Salem this week, if it can get approval from Massachusetts.

By late spring the utility hopes to use coal for 75 percent of its power, a conversion which would overcome current shortages as a result of 50 percent cutbacks by its Canadian supplier, Golden Eagle.

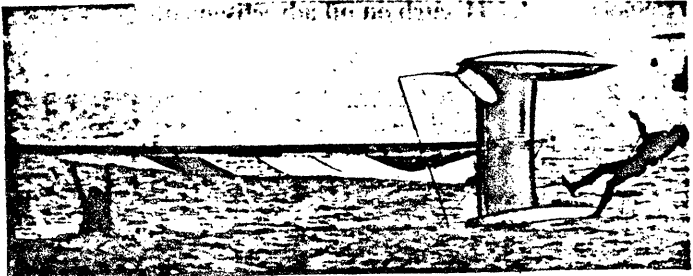
Boston Edison's own allocations have been cut 25 percent by its chief supplier, White Fuel, a Texas subsidiary, and North-Union, a Newark, N.J., firm, serving western Massachusetts and Connecticut, has had similar reductions.

Union Petroleum, which last month raised its heating oil prices by 13 cents per gallon, said it would cut back 9 cents this month as a result of increased supplies of domestic oil brought by the Federal allocation program.

State Education Comr. Gregory Anrig asked all local superintendents to consider beginning their school days later to accommodate the new Daylight Saving law which went into effect this week.

Anrig's letter went out in response to a message from Sargent, who said reports from the Public Safety Council warned of dangers to children required to walk to school or visit the homes in the morning dark.

Anrig said it would be a local decision as to whether or not the schools change their schedule, and the darkest hours would be between now and early February. In Warwick, R.I., school officials did take such a safety measure, but about 200 students walked out of Toll Gate High School in protest of the half-hour class in their schedule.



Nixon invites 8 nations to oil talks in US Feb. 11

★ ENERGY
Continued from Page 1

The US initiative for an international conference on the oil crisis was announced by Secretary of State Henry A. Kissinger in a London speech last month. Last week, Kissinger said Mr. Nixon would take the lead in announcing about 20 major non-Communist industrial nations and oil-producing states to discuss ways to solve the crisis and avert a worldwide economic depression.

Invited to the Feb. 11 meeting are Britain, France, Germany, Italy, the Netherlands and Norway, plus Canada and Japan.

In Ottawa, Canadian External Affairs Minister Mitchell Sharp said his country welcomes Mr. Nixon's call for a conference. British Prime Minister Edward Heath had a similar response. In Bonn, West German government spokesman said Chancellor Willy Brandt will accept the President's invitation. In Oslo, a government spokesman said Norway will send a delegate to the meeting.

Japan's deputy prime minister, Takeo Miki, indicated that his nation would take part in the meeting. France, in a move that threatened to undermine the US goal of a unified oil strategy by leading oil-consuming nations, confirmed that it has signed a three-year contract with Saudi Arabia for delivery of 27 million tons of crude oil. For its part, France was reported to have promised to provide the Saudis with industrial machinery, technical assistance and arms, including Mirage jet fighter-bombers.

Invited to attend a later meeting with their oil customers were Abu Dhabi, Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia and Venezuela.

Oil prices were announced by Iranian Finance Minister Jamshid Amouzegar after a three-day conference. He said the oil producers had decided to freeze crude oil prices that have more than quadrupled since late October. The Federal Energy Of-

and control profits of oil firms. He added that if Western governments do not act, the oil-exporting nations would increase crude oil prices after April 1. The OPEC conference, as expected, appointed its economic commission to undertake studies with a view to establishing a price system for the crude oil in the long run. This commission will take into consideration such factors as the worldwide inflationary trend, the fluctuating value of the dollar on which oil payments are based and the supply and demand among the user nations. The oil ministers agreed in principle to a series of talks between oil-producing and consuming nations, but decided to let the consuming nations begin the dialogue on petroleum pricing.

The conference also approved studies for creation of a financial institution, funded by the rapidly increasing oil revenues, to help developing nations — most of whom are hard hit by crude oil prices that have more than quadrupled since late October.

The American Petroleum Institute reported that oil imports showed an upward trend but remained lower than a year ago. Simon said in a radio interview that the Central Intelligence Agency is providing his office with information about worldwide oil shipments. An unpublished Energy Office study estimated the US oil shortage by April at 10-18 percent of demand, depending on the success of domestic conservation measures and the amount of supplies leaking through the Arab oil embargo.

Simon said the comparatively small increase could not be taken as a significant break from the sharp downward trend in oil imports (1st) has continued since the beginning of November. An unpublished Energy Office study estimated the US oil shortage by April at 10-18 percent of demand, depending on the success of domestic conservation measures and the amount of supplies leaking through the Arab oil embargo.

Simon said the average price of East Coast tanker, pipeline and barrel quantities of residual fuel oil delivered to purchasers for resale went from \$4.99 a barrel in September to \$4.76 in October.

Dr. Clouvis Maklouf, an emissary of the Arab League touring the United States to counter anti-Arab sentiment said in Washington that the oil embargo was only a temporary measure intended to underscore "credibility about our pursuits" in the Middle East.

Britain near deadlock in coal, rail pay crises

Pay disputes involving Britain's coal miners and train engineers near deadlock yesterday, confronting the nation with the possibility of almost total industrial collapse.

Prime Minister Edward Heath spurned proposals by opposition Labor party chief Harold Wilson for a compromise with the nation's 260,000 coal miners, who have on overtime has cut output by nearly 40 percent.

Parliament was recalled to debate the emergency. In the House of Commons lights were dimmed and heating was turned down to save fuel.

No progress was reported at a meeting between the 27-man executive committee of the National Union of Mineworkers and Employment Secretary William Whitelaw.

Leaders of the train engineers said they were ready to challenge the chief of the state-run railway board, Richard Mark, who wanted that drivers refuse to take trains out would get no pay.

"They are threatening us," said the union secretary. "Any engineer sent home would get full protection from the union, he said. This could mean a mass walkout that would further dislocate the country's already disrupted railroad services."

United States maritime unions are preparing plans for a world-wide trade embargo against Arab nations involved in the Middle East oil boycott.

Spearheading the action is Thomas W. Gleason, president of the International Longshoremen's Assn. "This is not an idle threat," a spokesman said. "About 99 percent of the oil tankers fly flags of the free world and even if the crews are not union nearly all the dock workers throughout the world are union."

The Marshall Taxi Cab Co. of Marshall, Mich., the only cab service in the city of 7000, is going out of business.

David Yeck, 37, announced he was ending his one-cab service. "The prices of everything, especially gas, have made it impossible to go on," said Mrs. Beverly Yeck, who mans the telephones during the day.

Yeck, who holds down a full-time job with the city of Battle Creek, did not take the cab at night and has one woman driver during the day.

The Ford Motor Co. said 2550 workers will lose their jobs at two big car plants in February, raising to nearly 61,000 the total number of auto workers idled by the company.

In addition to 60,860 workers permanently cut from the "big four" work force, another 200,000 have been or will be involved in short layoffs.

Chrysler Corp. said an additional 1300 employees had been permanently laid off since Dec. 21. That brings permanent layoffs at Chrysler to about 12,000.

Industry sources said the layoffs would spread if big car sales continue to slump in the face of possible gasoline shortages. Oregon officials have come up with a plan to assure motorists a fair chance to get fuel. The plan limits motorists with even-numbered license plates to gasoline purchases on even-numbered days during the week. Motorists with odd-numbered plates get to buy on odd-numbered days.

Saturdays are an exception. To avoid disrupting the recreation industry, the plan provides that anyone car buy gasoline on Saturday.

Nixon may call multi-national oil policy forum

★ SAN CLEMENTE, Calif. — President Nixon is considering proposing an international conference of major oil-consuming countries to coordinate policies on the fuel shortage, a White House spokesman said yesterday.

Mr. Nixon's aim is to bring about an international dialogue on long-term energy problems faced by the world, presidential spokesman Gerald Warren said.

Warren said a number of possibilities were under consideration and reports that the President had already proposed such a conference were incorrect.

Secretary of State Henry Kissinger announced last week that Mr. Nixon planned a major personal initiative to bring about a united front among non-Communist industrialized countries to deal with the energy shortage and to head off cut-throat competition among them for Arab oil.

Informed sources in San Clemente said the Nixon Administration has already been in contact with other countries on the possibility of an international conference in Washington next month.

The US aim is to agree on a common strategy for dealing with the oil price and supplies — and, if possible, to coordinate policies between consuming and oil producing nations.

Oil find indicated in Greek sea shelf

★ ATHENS, Greece — An American group of companies searching for oil in Greece's sea shelf yesterday said there were indications that it may have found exploitable deposits.

A spokesman for the Oceanic Exploration Co., which holds a 50 percent interest in a 3300-square-mile oil and gas concession in the North Aegean Sea, said tests were being carried out and a report would be available in about a week.

Oil nations meet; 'no decisions' yet on key price-policy issues

★ GENEVA — Ministers of the powerful Organization of Petroleum Exporting Countries (OPEC) met for about four hours last night, then adjourned until today without reaching decisions on three major pricing policy issues.

Venezuela's minister, Miguel Primo, said he left the conference room: "We made some progress, but we have reached no decision on the three main points."

There were arguments of all prices, said to developing countries to soften the blow of recent massive increases in crude-oil export prices, and linking oil prices to the cost of manufactured goods imported from the West.

The OPEC secretary general, Abderrahman Khene of Algeria, said that the ministers concentrated yesterday on the first of the three points — slumping oil prices.

He said the ministers hoped to finish their discussions today.

★ SUNDAY TRAFFIC Associated Press — WASHINGTON — Traffic dropped nearly 14 percent below last year's level on the first two Sundays after President Nixon called for voluntary Sunday closing of gasoline stations, the Department of Transportation said yesterday.

The biggest traffic decrease occurred on Interstate 95 between cities — a 20% drop from measurements of last year — but traffic in urban areas dropped more than 10 percent.

The interstate drop was expected, the department said, but the traffic decline in urban areas was a surprise. Mr. Nixon called for the Sunday closing late last month.

Oil nations meet; 'no decisions' yet on key price-policy issues

Khene said the 12 delegations — the 12 full OPEC members plus a team from G-7 nations, a non-voting associate member — would reassemble this morning. There apparently was no discussion yesterday of any other topic due to come up at the meeting — closer cooperation between major oil producing and consuming nations recently suggested by President Nixon.

Before yesterday's meeting, Khene said that he foresaw discussions on this point between OPEC and the 24-nation organization for economic cooperation and development, composed of Western European nations, are the United States and Japan.

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Sisco seen State Dept.'s new 3d man

By Darius Jhabvala
Globe Washington Bureau

WASHINGTON—Joseph J. Sisco, assistant secretary of state for Near Eastern and South Asian Affairs, is expected to be nominated by President Nixon as undersecretary for political affairs.

His appointment, if approved by Congress, will give him the third ranking position in the State Dept.

The post now is held by William J. Foster who will be nominated as ambassador to Canada.

Sisco, one of the Administration's principal Middle East policymakers, had announced his resignation from the department last month. He was scheduled to become president of Hamilton College in Clinton, N.Y., this spring.

What caused him and the Administration to alter their plans is not known.

The White House today is expected to get



JOSEPH SISCO

... change his plans

... announce several other key State Dept. personnel changes.

Nathaniel Davis, director general of the Foreign Service, reportedly will be placed in charge of the department's Congressional Relations Bureau.

The White House also is expected to announce the appointment of William Hyland, a National Security Council specialist in East European affairs, as director of the Bureau of Intelligence and Research.

He would replace Cline who resigned from the department last month.

MIDEAST HIGHLIGHTS

Missile sets oil rig ablaze

TEL AVIV — The Israeli military command confirmed yesterday that an American-built Hawk missile fired at an Egyptian oil rig in the Gulf of Suez hit an offshore oil rig Jan. 1 and set it afire. The well has been burning ever since.

Finance ministry officials have said the blaze near Abu Rodas in the Israeli-occupied Sinai affects three oil wells and has cut production at the complex by 16 to 17 percent or a loss of \$24,000 a day.

When the blaze broke out, officials said it was not caused by sabotage or negligence. They said only that it began under "undetermined circumstances," or was the result of a "technical accident."

Soviet missiles in Syria

WASHINGTON — Adm. Thomas H. Moorer, chairman of the Joint Chiefs of Staff, said yesterday the Russians are providing Syria with missiles capable of striking into the heart of Tel Aviv and other Israeli cities.

Egypt is also known to have the missiles, known as SCUDs, which are mounted on mobile carriers.

The SCUDs, which have a range of about 200 miles, are capable of carrying nuclear warheads. Some Israeli leaders believed the Soviets have delivered nuclear warheads as companions to the SCUDs in Egypt. But if the nuclear warheads were ever delivered, officials say they have now been shipped out.

Discussing the SCUDs in Syria on NBC's Today show, Moorer seemed to indicate the likelihood that they carry nuclear warheads.

France, Saudi Arabia eye arms-for-oil deal

By Darius S. Jhabvala
Globe Washington Bureau

WASHINGTON—France and Saudi Arabia have agreed in principle to an arms-for-oil deal which, if completed, will expose the oil-consuming industrialized nations to competition with one another and make more difficult the creation of an action group as has been proposed by the Nixon Administration.

While many details of the negotiations have not been disclosed, reports from Paris claim that Saudi Arabia will sell France some 250 million barrels a year for the next 20 years in exchange for French aircraft and heavy field weaponry.

A spokesman for the

French government denied that the deal had been made but refused to say if one was in the making. French Foreign Minister Michel Jobert will start a yath, the Saudi Arabian capital, later this month.

The State Dept. refused to comment on the report. But an administration official said that it is "basically accurate."

To what extent the French doubted the US in sales of aircraft is not known. But it now is virtually certain that the Saudis are in the market for the most sophisticated aircraft — will opt for the Mirage 3 instead of the Phantom jet.

The Saudi Arabian gov-

ernment early last year appeared to be interested in buying some 20 Phantom, and that led to "technical talks" between Saudi Arabian and US military officials.

Meanwhile, France, whose aircraft industry is suffering from sagging sales abroad, was pushing the Mirage, similar to the planes sold to Libya three years ago. And France's pro-Arab position seems to have swayed the Saudis in favor of the Mirage.

Of greater concern is the unilateral French move to obtain all US officials that it may trigger a rush by other West European nations to fend for themselves.

They say that the

US aid to Bay State hits \$1.18b in fiscal

Globe Washington Bureau

WASHINGTON — Massachusetts received \$1.18 billion in Federal aid during the fiscal year, a jump of nearly \$20 million over the preceding year, according to figures released by the US Treasury Dept.

Maine's share of Federal aid climbed from \$181.2 million in fiscal 1972 to \$241.8 million last year.

New Hampshire received \$174.4 million last fiscal year, an increase of about \$43.7 million.

Total Federal aid to the 50 states in fiscal 1973

Among the northern New England states, Vermont registered the largest proportional gain, more than doubling its revenue from \$109.8 million in fiscal 1972 to \$240 million in fiscal 1973. The Federal fiscal year ends on June 30.

amounted to \$43.8 billion, \$177 billion more than in the preceding year.

Of the \$1.18 billion total received by Massachusetts to the last fiscal year, \$207.5 million was under the Federal revenue-sharing program.

Kissinger doubts withdrawal accord

Continued from Page 1

While all sides are maintaining strict silence over the details of the plan, including the points which are still at odds, it is known that it calls for the establishment of buffer zones which will separate the Egyptian and Israeli forces.

While some Israeli news commentators have expressed satisfaction over the apparent achievement of Dayan in Washington, others complain that Dayan's independent actions make the Geneva talks just "window dressing" with important decisions being taken elsewhere.

Ma'ariv, the Israeli daily which has the largest circulation, said the Israeli government for "lacking the impetus of the Geneva conference." In an editorial yesterday, the newspaper complained that by allowing the major issues to be decided in Washington and Moscow, Israel is helping to undermine its first direct talks with the Egyptians.

Ma'ariv added: "The secretary general of the United Nations, Dr. Kurt Waldheim, expressed the

Israeli cease-fire front over the past two days will erupt into full-scale artillery, mortar and machine-gun duels of Israel do not quickly agree to a major pullback.

Top officials and military officers in Cairo freely admit that the Egyptian army will continue its deliberate, controlled war of attrition along the canal front until the Israelis come to terms. "They will hope that the official meetings in Geneva will serve as a smokescreen for private contacts between the two parties. In fact, however, there are no such contacts." The newspaper complained that the indirect contacts through third parties, which characterized Middle East peace efforts for 25 years, are in fact, continuing despite the ceremonial opening of the conference last month.

According to the newspaper, the Israelis as well as the Egyptians, are to blame for reverting to the old tactics.

Meanwhile, the Washington Post's correspondent in Cairo, William Dulfer, says top Egyptian officials claim that the "relative quiet" reported by the UN emergency force along the Egyptian-

bleed until they learn we mean business about getting our land back," a senior official said yesterday.

Yesterday morning, the Cairo press quoted Egyptian War Minister Gen. Ahmed Ismail as telling his troops during a two-day visit to the front that their task was not over until all Egyptian territory had been liberated.

\$50,000 of plastic stolen in Boston

A load of plastic pellets, the base material for the manufacture of plastic goods, was stolen from two trucks at 66 Vostelliers st., Dorchester, over the weekend.

Thieves made off with \$50,000 worth of pellets, which were stored in two trailer trucks en route to New Jersey, to be shipped eventually to Yokohama, Japan.

The pellets, which look like rice kernels, were valued at \$50,000.

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British face 2-day week

LONDON — The first two-day work week, or out of three-day work week in Britain's national emergency ended yesterday with predictions that the energy crisis will become even more serious.

The forecasts included threats of a two-day week and shortages of a wide range of goods from bread to steel.

Prime Minister Edward Heath's Conservative government, which put industry on short time Dec. 31 to save electricity supplies, served notice it plans no concessions to coal miners when pay talks resume this week.

The miners have banned overtime work since November, cutting by a third the coal stocks that supply 70 percent of Britain's electricity. Their pay demands have been resisted on grounds that they would leave government inflation controls in ruins.

Mine union officials were considering further pressure to back their pay demands, possibly an all-out strike that could mean national power blackouts before the end of the winter, leaving millions of homes cold and dark.

The continuing deadlock raised press speculation that Heath may call a snap election on the issue of who runs the country — the elected government or militant trade unions.

Perhaps the grimest news came from Dr. Monro Finlay, chairman of the state-run British Steel Corp. He said steel output could be cut by two-thirds if coking coal supplies continue to deteriorate. Finlay said the miners' overtime ban had cut coking coal supplies by two-thirds.

Industrialists saw the potential steel shortage as an ominous sign which could force them on to a

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January 9 & 10
No appointment necessary

The holidays have created a critical blood shortage. The average need for blood is 1,000 to 1,300 units a day, or a unit of blood every 66 seconds. For this reason, we are again supporting WBZ's Blood Brotherhood Days by hosting the Massachusetts Red Cross Blood Program, on January 9th and 10th, to welcome donors to help furnish the supply.

Remember, when you give blood through the Red Cross, you provide your entire family with unlimited blood coverage at no cost to you, anywhere in the United States or Canada. So when you give to save someone else's life, you may also be saving your own.

Give blood Wednesday or Thursday. Give in the spirit of brotherhood.

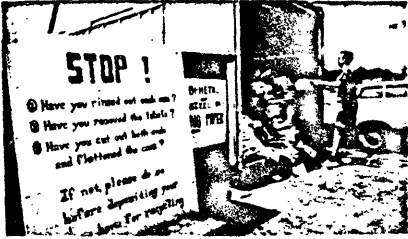
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Paper and metal waste have separate receptacles at this recycling area located at the dump in Lexington. (Globe photo by William Ryerson)

Only 4% of nation's newspapers are recycled despite shortages

By R. S. Kindelberger
Globe Staff

At a time when waste newspapers are commanding record prices, thousands of tons of paper ready daily in Boston and other US cities and towns are being burned or going up in smoke.

A mere four percent of the 19.4 million tons of newspaper consumed annually in this country is reprocessed into fresh newsprint, despite a shortage so severe that full that it threatened to pull some newspapers out of business.

Executives of the Garden State Paper Co., only US producer of recycled newsprint, cite the scanty supply of newspapers as the major obstacle to expansion.

"Getting old newspapers is an increasing problem," commented James M. Staples, a company spokesman. A worldwide shortage of the fibers needed to make paper has brought competition from Japan, Korea and Taiwan for the West Coast's old newspaper supply.

Staples said the Federal Reserve is paying \$30 a ton a ton in California, "which is more than an American company can smoothly pay and compete in this country."

One result is that Garden State's Puumo, Calif., plant (there are two others, in Norfolk, N.J., and Aliso, Ill.) has been operating at less than its capacity of 132,000 tons a year, according to Staples.

Although the newspaper shortage this fall was attributed to labor problems rather than a shortage of paper pulp, many authorities believed that a larger percentage of newspaper must be recycled if the world is to keep up with the increasing demand for paper.

More newspapers are recycled into cheaper products such as cardboard and wallboard than into newsprint. The American Paper Institute estimates that a total of 2.5 million tons of newspaper is recycled each year. But that means three out of four newspapers are still wanted.

Many Massachusetts towns accept newspapers for recycling at their municipal incinerator or dump, and there are environmental groups and paper firms which also accept newspapers for recycling. However, only a handful of communities with municipal rubbish collection pick up newspapers separately and sell them for recycling. Among them are Cambridge, Newton and Marblehead.

The advantages of municipal recycling of newspapers appear so obvious that ecologists are perplexed that more communities haven't gotten into it.

Since newspapers make up as much as 20 percent of the municipal refuse load, recycling them reduces the volume of waste and extends the life of dumps. And since waste newspaper prices offered by wholesalers have more than doubled in the past year to \$20 or \$25 a ton, municipal newspaper recycling programs can save public money.

Staples sees simple merits in keeping many communities from recycling their newspapers. But "they are coming around," he said. "This is catching on. It just takes a lot of

bugging people to get them to move."

According to Dana Duxbury of Andover, solid waste specialist for the Massachusetts League of Women Voters, town officials have been slow to recognize the economic benefits of recycling. "I think in this town (Andover) they started it because they were harassed, not because they saw the economics of it. But now the economics are there."

Not so long ago the Boy Scouts, Salvation Army, churches and other nonprofit groups could be depended on for swarms of volunteers to relieve a neighborhood of its used newspapers at regular intervals.

But for one reason or another, including a depressed price for years before the present boom, charitable groups have largely faded from the recycling scene. Environmental enthusiasts have been taking over in the past several years, but volunteers remain few.

"We're recycling less now than in the Second World War, which seems unbelievable," said Mrs. Duxbury.

E. Boston fire leaves one dead

One man was killed and several families were evacuated when a fire swept through a third-floor apartment in East Boston shortly before 7:30 last night.

Officials identified the victim as Henry Johnson, 36, of 83 Brooks street. They said the fire was confined to his apartment.

caused by careless disposal of smoking materials, apparently starting in a bedroom.

Two other families in the building and some neighbors were evacuated. Officials estimated damage to the building at \$10,000, with smoke and water damage on the first two floors.



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For long-distance traveler, jet may be best bet

By Robert Cooke
Globe Staff

For travelers hoping to help alleviate the energy shortage, the choice between flying and driving may become obvious—flying appears less wasteful.

Trains and buses, though efficient, seem less convenient.

On a coast-to-coast trip a huge Boeing 747 airliner gobbles up 15,000 gallons of jet fuel to carry 225 passengers on a six-hour journey.

For a party of five, traveling in a big American-made station wagon averaging 10 miles per gallon, the cost in fuel coast-to-coast is about 300 gallons.

That, according to the Air Transport Assn., the airborne travelers use about 46 gallons each for the trip, while the motorists use up about 60 gallons each during a six or seven day drive.

Trains, with their enormous passenger-carrying capacity, are less expensive to operate, especially over long distances, than cars or planes. Buses are better still, especially those long-distance highway buses.

Bill Ommen, director of technical information for the Air Transport Assn.,

modes of transportation is to look at the BTU's used per passenger mile. A BTU (British thermal unit) is a standard measure of heat production.

According to the report, compiled last January by Richard A. Rice, the standard-size American automobile uses 10,400 BTU's per passenger-mile, the sub-compact car only uses 3400, a highway bus uses a mere 900, a train needs 1900, a normal-size jet plane takes 6300, and a jumbo jet uses 4200.

However, none of the other transportation modes can match the speed of the plane, while the automobile surpasses all in convenience.

The total cost for an air traveler to cross the country — ticket, taxes, etc. — is about \$200.

Total cost for five automobile-borne travelers — including meals, fuel, lodging and other miscellaneous expenses (but not tires, insurance and depreciation) — is about \$180 each. This, of course, could be improved by use of a more economical vehicle.

The key to efficiency in flying, however, is the full load. Even at full load, though, the 747 airplane isn't the most efficient craft in use.

burns about 11 1/2 gallons per seat per hour.

"It's most efficient, of course, if it's fully loaded," said Ommen. "But if you get down to the point of having an airplane half full, and you can put that same load on a smaller airplane and make it three-fourths full, then you're likely to use fewer gallons per seat per hour."

Unfortunately, he added, the smaller jets don't have the fuel capacity for coast-to-coast flights.

The second-most efficient jets, he added, "are the stretched versions of the Douglas DC-8 and Boeing 707, since you add more seats for almost the same cost in fuel."

Stretched jets are craft that have an extra long fuselage expanding the plane's passenger capacity.

Ommen said the stretched version of the DC-8 carries 127 seats and burns 1791 gallons of fuel per hour. The stretched version, with 185 seats, burns 2018 gallons per hour.

By using these stretched jets, then, he said, "you change from burning 16 gallons per seat per hour down to 11 gallons per seat per hour."

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'Thrown-away' treasure found in Florida canal

Associated Press

ISLAMORADA, Fla. — Much of the \$50,000 to \$100,000 in sunken treasure that diver Tom Gurr claimed to have thrown back into the ocean was found yesterday in a canal behind his house, state officials said.

W.A. (Sonny) Cockrell, Florida's marine archaeologist, said state divers recovered artifacts, valuable pottery and jewelry from the 15-foot-deep canal near the Florida Keys community, 15 miles south of Miami.

"We don't know exactly how much is in the canal, but there's a lot down there," Cockrell said. "It's pretty murky and we have to work by feel a lot, so I figure it will take us two days to bring all of it out." Gurr was shown Friday on a CBS television news program dumping what he claimed was treasure from the sunken Spanish galleon San Juan back into the ocean at the shipwreck site.

He said he was dumping the treasure because the state wouldn't divide it and give him his share. Gurr moved out of his day, officials said, and charged with grand larceny because 35 percent of what he threw away belonged to the state. He was in Key West yesterday for arraignment, but the hearing was postponed because of the "terror."

He could not be reached for comment on the material found in the canal.

"We were pretty sure then that he hadn't dumped anything of value," Cockrell said. "We went over that entire area with a magnetometer (an underwater metal locator) and didn't find anything but some rubble and junk."

"We don't care about gold and silver," Cockrell said. "We're archaeologists. The state doesn't make a nickel off the treasure, but archaeologists must have the material if they're going to make meaningful studies. I'm just glad this valuable historical material has been recovered."

To hunt for treasure in Florida, divers must obtain a lease from the state, providing that the state will get at least 25 percent of any treasure found and the divers keep the rest.

The artifacts, coins and jewelry found on the wrecks are registered and cataloged by state overseers as they are brought aboard the salvage vessel. "The pieces we are finding in the canal still have their state tags on them," Cockrell said. "We have checked some against the catalogues, and they definitely are the pieces he claims to have thrown back in the ocean."

In the television film, Gurr said: "I broke my laws. I'm just returning it to where I got it. The state didn't pay me to find it."



Maximas Epper and Major leave their imprints on the sandy beach at Beverly Farms. Riders are Carol Burwell and Linda Cunningham, both of Merrimack. (Globe photo by Bill Curtis)

Kurr moved out of his rented house here last week and moved his family to Merritt Island, about 250 miles to the north.

2 men on catamaran reported 'possibly overdue'

A 30-foot-catamaran carrying two men—one a Maine resident—has been reported 'possibly overdue' along the East Coast south of Virginia.

The Coast Guard's 5th District, based in Norfolk, Va., has taken over the investigation and is conducting a routine check of marinas for the boat—named Here—which was last

heard from after it was grounded off North Carolina early last month. The men reportedly had no planned itinerary for what was an unannounced cruise along the coast.

The second man, the boat's owner, John Madone of New York City, whom Malbon reportedly joined at the Minute River Marina in Connecticut, the Coast Guard said.

shaulburg N.C., following the grounding incident. The men reportedly had no planned itinerary for what was an unannounced cruise along the coast. The second man, the boat's owner, John Madone of New York City, whom Malbon reportedly joined at the Minute River Marina in Connecticut, the Coast Guard said.

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CIA agent sent Thai government fake Communist cease-fire offer

Associated Press

BANGKOK — A CIA agent sent the Thai government a phony cease-fire offer in the name of a Thai Communist insurgent leader, the US Embassy said yesterday. The hoax was said to have been discovered because of an over-cautious errand boy.

Informed sources said the letter was posted in November from Sakon Nakhon, a province capital 350 miles northeast of Bangkok in an area where US reports say 1600 to 2000 armed rebels operate.

The letter was reported to have contained a cease-fire offer in return for local autonomy in "liberated areas" near the Laos border.

The agent, reliably reported to be an American, was said to have hoped the letter would increase defections to the government. It was not made clear how he expected this to happen.

The US Embassy, which admitted the affair after three Bangkok newspapers broke the story, said: "The incident of the cease-fire letter... was a regrettable, unauthorized initiative."

It added that US Ambassador William R. Kintner, who presented his credentials on Nov. 29, "has directed categorically that no American official be involved in any activity which could be interpreted as interference in Thai internal affairs."

The incident was especially embarrassing to Kintner, who has been trying to play down his former career as a US Army officer, including two years with the Central Intelligence Agency (CIA) in Washington as a planning specialist on paramilitary activities in 1950-1952.

Student militants denounced Kintner as a CIA agent after his arrival and urged that the government watch him carefully.

The embassy statement said the incident "has been discussed with the appropriate Thai officials" but gave no further details. US spokesmen would not comment further.

agent who sent the letter — code-named "Lion" — actually had contacted insurgents in the northeast and had sent the hoax letter with good intentions hoping to win more Communist defections.

The letter was signed "Chamras" — the code name of a Central Committee member of the Communist party of Thailand in the northeast. The Nationalist government said it had the agent put no return address on the

phony letter to Premier Sanyu Thanomkiet, but the boy who mailed the letter had it registered and the government traced the registration to the agent's address in Sakon Nakhon.

The head of Thailand's Communism suppression organization, Lt. Gen. Saiyud Kerdphol, had previously termed the letter's offer "ridiculous" and expressed suspicion of its authenticity, saying it was not consistent with past Communist strategy.

Can you make money collecting rare plates?

NORTHBROOK, Ill. — A successful art dealer in this Chicago suburb has announced a new, easy way to start collecting rare porcelain plates with the potential of becoming billionaires of the future with exceptionally high resale value.

According to Thomas Gilmore II, president of this dealership, one decorative "annual" plate priced at \$25 in 1965 now brings \$1,050, and one china plate selling at \$10 in 1969 now sells for \$245. In the past only a few fortunate people could afford to collect works of art, but now literally thousands of collectors with average incomes enjoy this fascinating hobby for fun and profit.

MR. GILMORE says, "Since many plates do not increase in value, amateurs often make serious mistakes. It's critical to know what to look for, what to pay, when to sell, and much more." Even if you have never collected plates before, there are little-known guidelines that tell you how to own plates of the finest porcelain designed by a distinguished artist for a modest outlay.

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President Nixon's pet Irish Setter gets the first taste of his master's birthday cake at yesterday's party at the Western White House in San Clemente. Other photo, Page 1. (UPI)

Dog gets in his licks at Nixon's 61st birthday party

SAN CLEMENTE — President Nixon was honored on his 61st birthday yesterday with a surprise party and a large cake that left its mark on his sport coat. The scene was Mr. Nixon's seven-view office at the Western White House. Carrying a large cake with white, pink, blue and green icing, about 25 staff members

strolled into his office to sing "Happy Birthday." As he held the cake up for photographers, the President got some icing on his fingers. He called for aid from his Irish setter, King Timahoe, who also got the first taste of the uncut cake.

While the dog was nibbling at a corner of the cake, Mr. Nixon leaned against another corner and got a large glob of icing on the front of his maroon sport coat. Timahoe's tongue was enlisted again.

After giving his staff the day off, the President slipped out of the Western White House with his wife, daughter Tricia and friend C. G. (Bobo) Roberts. Meanwhile, the Internal Revenue Service refused to confirm or deny a report that it is expected to rule that the President has underpaid his taxes.

Pollster says Ford 76 favorite

WASHINGTON — Richard M. Scammon, the professional polls analyst and demographer, said yesterday — barely three years before the next presidential election — that Vice President Gerald R. Ford is the Republican frontrunner and as of now "would run a close and perhaps winning race against any Democrat." Scammon made the observation at a meeting with political reporters against the backdrop of several public-opinion polls showing favorable early response to the new Vice President — and Ford's repeated contention that he does not intend to be a candidate for presidency after 1976.

Nixon tax probe focus reportedly on 6 areas

WASHINGTON — A preliminary check by congressional investigators has turned up six different areas on President Nixon's income tax returns where he could owe the government additional back taxes, informed sources said yesterday. The six areas are in addition to the two deductions involving the sale of some of Mr. Nixon's San Clemente property, and the gift of his vice presidential papers. The sources declined to estimate the amount of money involved or to identify the specific entries in question. However, it is known that committee staffers have been assigned to investigate. — Mr. Nixon's personal expense deduction of \$32,187.88 as 25 percent of the operating cost of San Clemente. — The dependency deduction for his daughter, Tricia Nixon Cox, in 1969 and 1970. — The \$150,000 sale in 1972 of Florida property that had been purchased with funds originally set aside in a trust fund for Mrs. Cox.

Baby abandoned in hospital clinic

An infant boy was found abandoned in a green paper shopping bag yesterday afternoon in the first-floor dental clinic at the New England Medical Center on Harrison avenue. Hospital authorities admitted the baby after determining he was in good physical condition. It will care for him while police try to find his parents.

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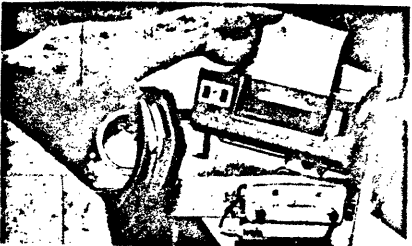
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Driver reads printed instructions transmitted by radio to his Dual-Drive vehicle in Rochester, N.Y. Residents can telephone for a bus to pick them up at a certain point and deliver them to any destination within the city limits. (AP)

US opens probe into oil hoarding

By Thomas O'Toole
Washington Post

WASHINGTON — The Federal Energy Office yesterday began to look into oil stockpiling and possible hoarding around the country by ordering 32 major trucking firms and 19 of the nation's railroads to report the size of their fuel inventories.

Energy director William F. Simon sent telegrams to the truckers and railroads in which he asked them how much fuel they used last year, how much they consumed last month and what their stocks of fuel were on hand on order as of Jan. 4, 1974, or the closest comparable date.

The telegraphed requests were the first in what one energy office spokesman called an effort "to see if there is any hoarding going on. We want to check it out, because there are numerous rumors going around."

Energy office aides said they have no evidence to indicate more than seasonal stockpiling, but Simon said he is "not satisfied" that this is entirely true.

Simon said the oil industry never has kept adequate statistics of inventories, calling them the "biggest mystery of all" in attempting to determine how much fuel the country has.

"We've had reports of trucking companies who bought abandoned gasoline tanks and filled up the tanks of these abandoned stations," Simon said in an interview. "Our numbers are so bad we could have 50,000 people running around this country with a stick trying to gauge the inventories."

Besides attempting to spot fuel hoarders, Simon said, the main purpose of the stockpiling investigation is to "assess reasonable levels of inventory for all industry," regardless of whether it is a fuel seller or fuel user.

"Where we find people who have a 90-day supply or a 110-day supply and we deem 30 days reasonable, we're going to roll them back," Simon pronounced.

Essex counsel overrules bid to rehire police chief

ESSEX — Police Chief Guy Horman, fired by the town's three selectmen, cannot be reinstated by the vote of a special town meeting, Oliver Ward, town counsel, has said.

Horman, who is not covered by Civil Service, was fired in late November by the selectmen after a rash of vandalism and suspicious fires was blamed on police inactivity.

Ward's opinion came Friday after Horman last week presented the selectmen with a petition signed by 225 residents who are demanding a special town meeting to vote on his reinstatement.

Ward said selectmen, not town meeting members, have the final say on hiring and firing. He said a vote by a special town meeting to reinstate Horman would not be binding on the selectmen.

Ward added that he has not yet decided whether he is called to act on an article that is certain to be ruled invalid at such a meeting. Selectmen will consider the petition tomorrow night.

A new chief, James Platt of Ashburnham, has been appointed by the selectmen and will take over his new post tomorrow.

Before Ward's ruling, selectmen chairman Samuel Hior said all three selectmen would resign if Horman were reinstated.

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1968 control law triggers rise in gun thefts

"Criminals are making a mockery of the 1968 gun-control act by going out and stealing guns," Louisiana Sheriff Peter J. Pichessa of Los Angeles County "if something isn't done to stop the proliferation of handguns to the public, no law can stop criminals from getting guns."

Not everyone will agree with Sheriff Pichessa, a strong gun-control advocate, that the controversial 1968 gun law is being emasculated. But there is general agreement among law-enforcement officers, gun experts and civic officials that the nation is experiencing skyrocketing gun thefts, pointing out ramifications for public and police safety. And the illicit channel obviously provides at least temporary access to guns for felons, drug addicts and mental defectives—the market that the 1968 gun law sought to cut off.

Exact figures on the magnitude of the problem aren't available, partly because "it isn't one of the gun-control issues to which attention has been paid," says David Steenberg, executive director of the National Council for a Responsible Firearms Policy—a group that favors gun control.

But the National Crime Information Center has on file reports of 649,549 stolen guns, and its files are expanding at a rate of over 100,000 stolen firearms a year. The figures are obviously understated because the center admits that reporting by local law officers is often sloppy and that guns aren't listed as stolen unless serial numbers are known (which they frequently aren't).

While gun-theft figures are skimpy prior to 1968, most law-enforcement officials say gun thefts began soaring at that time and that the problem is still growing. In Indianapolis, for instance, 842 handguns had been reported stolen last year through Sept. 30, well above the 783 for all 1972.

In Henderson County in East Texas, gun thefts in the last 18 months have soared so high that Sheriff J. W. Brownlow ran radio announcements urging residents to keep guns locked up and to record serial numbers to make recovery easier. Goodman's for Guns, a large St. Louis firearms dealer, spent \$10,000 on protective groups after a series of burglaries cost it \$40,000 in expensive shotguns. Uken's Hardware in tiny Highland, Kan., reduced its inventory by 75 percent and stopped displaying guns in its front window after it was burglarized four times in four years.

Clearly, police say, one reason for the rise in gun thefts is the 1968 law itself. Because felons and those of similar ilk can't legally buy guns, they

2 Randolph patrolmen win right to appeal

A US District Court decision concerning the rights of two former Randolph police officers has been overturned by the US Court of Appeals in Boston.

The ruling, entered December 27, 1972, ordered allowance of an amendment entitling Walter T. Welch and Francis R. Gaffney to seek damages against the Randolph Board of Selectmen.

Gaffney, 46, and Welch, 44, claimed their civil rights were violated because their benefits as police officers were discontinued by selectmen "without notice, reasons or a hearing."

Gaffney was injured in a fall while on duty in January 1970 and Welch was injured in an automobile accident while on duty in July 1969. Both officers received back pay until Sept. 25, 1971, when selectmen voted to stop issuing paychecks to the men.

In March 1972, a Norfolk Superior Court judge ruled that the officers were entitled to back pay up to Dec. 30, 1971, as well as their vacation and holiday pay for the year 1971.



HANDGUNS IN AMERICA

guns because they can't be traced to the new owner. Federal undercover agents say. And numerous burglary and fencing rings specializing in guns have been formed to exploit the new high-profit market, they say. Bureau of Alcohol agents in St. Louis last May uncovered a big, well-organized, three-state ring after buying 18 guns that had been reported stolen. "It's a very profitable business, and it's going to get more profitable as the law gets tougher," says Paul J. Lyon of the New Orleans office of the Federal agency.

Some of these guns, naturally, are showing up in crime statistics. A Bureau of Alcohol study of street

crime in certain major cities shows that about 18 percent of all guns picked up in arrests for street crimes have been stolen at some point. The new law aside, guns have become a more attractive item for burglars as prices have soared in recent years. Hauling guns such as the Belgian-made Browning over-and-under shotgun now cost \$735, compared with \$449 four years ago; the rise is particularly due to the devaluation of the dollar. The Bureau of Alcohol agents, who estimate that 1000 guns are stolen every month from trucks alone, have started a program to improve truckers' reporting of losses. The

problem is resulting in increased efforts by law officers and security directors to eliminate thefts. Bureau of Alcohol agents, who estimate that 1000 guns are stolen every month from trucks alone, have started a program to improve truckers' reporting of losses. The

Moreover, even if they could buy them, the record-keeping provisions of the 1968 law have led many criminals to worry about being traced if they purchase the guns. Police success in tracing some guns to their owners indicates that the worry is probably valid. Last January for example, law officers were able to establish in 37 minutes preliminary identification of Mark Tamez, who was involved in the killing of seven people from atop a Howard Johnson's motel in New Orleans. The identification was made by tracing the gun he was carrying when he was killed in the shoot-out.

But if a gun used in a crime has been stolen, the tracing chain ends there," says Billy L. Gault, Southeast region director of the US Treasury Department's Bureau of Alcohol, Tobacco and Firearms. Of course, if a gun was purchased before 1968 when the record-keeping provision went into effect or if a private individual sells a gun to an unknown person, tracing becomes more difficult.

In the aftermath of tightening gun control, gun stealing has become a natural underworld business with ready markets and high profits, law-enforcement officials say. Stolen guns often sell at higher prices than new trucks themselves say they have been tightening security and are urging manufacturers to ship guns in unmarked cases.



Dr. John A. Mannick has been named chairman of the Division of Surgery at Boston University School of Medicine and surgeon-in-chief at University Hospital. Mannick, 45 and a vascular and transplant surgeon, succeeds Dr. Richard M. Edeball, recently named director of Boston University Medical Center. Formerly director of surgical services at Boston City Hospital, Dr. Mannick lives in Weston.

major thefts since 1968, says better security measures have resulted in a decline in thefts since 1971. But last August two men made off with 77 guns from a Reserve Officer Training Corps facility at Cornell University. The guns have been recovered.

Not unexpectedly, both opponents and proponents of gun-control laws use the stolen-firearms problem to bolster their own arguments.

"It shows gun laws just aren't practical. The criminals can get the guns anyway," says Ashley Halsey Jr., editor of the American Rifleman, a publication of the National Rifle Assn. Countertop Carl L. Perlin, legislative assistant to Rep. John M. Murphy (D-N.Y.) and formerly staff director of the Senate subcommittee that wrote much of the 1968 act, "70 say the rise in thefts proves the law is working. Criminals can't just buy guns anymore."

But other observers remain skeptical. Says a spokesman for one fire-

arms manufacturer: "Just as a bank robber steals a getaway car or a dirty-letter writer steals a typewriter to avoid being traced, someone planning a gun crime is going to steal a gun."

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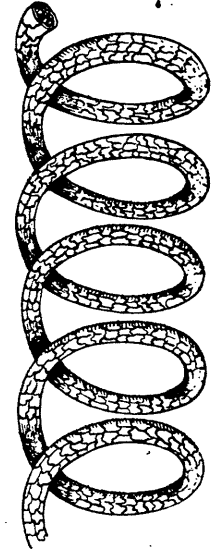
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Should you buy a sheep? No. But your next coat and sweater and suit should be wool: it's warmer, more comfortable, longer wearing, and it's the ultimate in fashion.

Your new blanket should be wool because wool's softer, heat-retaining. Remember the Crimp's warm-air principle works night and day. Your rugs should be wool for a wool habitat that's friendly and warm as well as long wearing and rich looking too.

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LIVING

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When voices were enough

One of the things we looked forward to every year when we were growing up was Jack Benny's annual Christmas shopping trip, particularly when he and an exasperated department store shoe clerk would get into arguments over the differences in price between shoes with plastic tips and shoes with metal tips.

This is one of the things we thought of when we read that the CBS Radio Network was going to try to resurrect network radio drama with a program, called the CBS Radio Mystery Theatre.

Something that is often overlooked in the nostalgia for the great old days of radio was dependability. For instance, when Kate Smith signed off that noon broadcast she did with Ted Collins during World War II, you could depend on her to advise you to write the boys in uniform this way "And remember, if you don't write, you're wrong."

But for sheer dependability, even in a dependable age, there was very little that could touch Jack Benny. The program was a monument to dependability. Jack had only to announce that he was going down to his vault — that monstrous vault with its alarm, its creaking doors and its perpetually out-of-louch guard named Ed, who always said, "Hi, Ben. Benny's down that weather up there" — to begin laughing. He had only to announce he was going next door to the Ronald Coleman for a cup of sugar for you to anticipate the rest; that the Coleman was having a swinging party that Jack hadn't been invited to and that Coleman would have to use every ounce of British waspishness to get Jack out of the house.

There are no small things in an age when whole television series are being canceled on the strength of a pilot show. There was a time when continuity meant something. It meant a lot to a boy who was growing up in an uncertain world.

Can that age be restored, even partially? We wish we knew.

A disheartening example is the report that the Internal Revenue Service has rejected Jack Benny's attempt to deduct \$154,000 from his income taxes for a donation of memorabilia to the University of California at Los Angeles.

It indicates that what we used to laugh at between 7 and 11:30 on Sunday nights, Benny's cheapskate, had more of memorabilia in reality than we dared realize and it takes a lot of the fun out of it now.

(Sometimes, incidentally, we would like to do something on the disillusionment we've felt all the entertainers who have turned out to be presidential picks. We remember something we read by John Rase in which he said how Bob Hope had made her laugh all those Saturday afternoons in movies and what it did to her to learn that this funny man supported the war.)

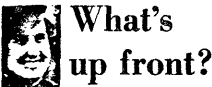
What was it like before television? It was, as we look back on it now, innocent.

Being sick seemed to be more fun than it is today. You lay in your bed, the covers pulled up to your neck, and while your mother worked in other parts of the house, wallowed in more tragedy and gloom than you thought possible on one television show. "Our Gal Sunday," "Ma Perkins," "Backstage Wife," "Young Doctor Malone," "Pepper, Young's Family," "Stella Dallas," "Last Plain Girl," "Loreana Jones (and his wife, Belle)."

We recall a small white plastic Philco portable radio that we listened to the covers pulled up to the soles while we were sick but for other things as we grew older. For instance, we remember the merciful beating Sugar Ray Robinson gave me, Laddie, not through any particular picture of that event but by the feverish way it was described by the ring-side announcer. It has remained with us as vividly as any vividly as the breaking down of "Inner Sanctum."

Can't go home again? Maybe we already have.

ERMA BOMBECK



What's up front?

You don't have to be a sensitive person to sit in the tourist section of an airplane and wonder what goes on in first class. There's a mystique about it that titillates the fancy of the most indifferent traveler.

Maybe if they didn't draw the curtain that divides the two sections, so one would think about it. But from the moment they obliterate your view of first class, your tourist imagination starts to work.

I visualize first class as a Roman orgy where hostesses serve champagne from their slippers and Dean Martin comes out of the cockpit, pulls an oxygen mask out of the luggage rack and croons into it. "Everybody loves somebody sometime . . ."

Recently, I had occasion to visit with a serviceman who was on standby and was placed in first class at the last minute. Later when he got bumped to tourist, I asked, "What was it like up there? What did you have to eat?"

"No big deal," he said. "We had shrimp cocktail and filet mignon. What did you have?"

"Veal look-alike and plastic green noodles. Level with me. Could you stand up in the restroom?"

"Sure. And we had earphones for music. You had earphones, didn't you?"

"Actually, no. We had a steward who went up and down the aisle humming the theme music from Grapes of Wrath."

He shrugged. "I don't think first class is any different from tourist class."

My eyes narrowed. "Don't you believe it. The people in first class get to where they are going first. Their magazines are always current. Their cabins are always pressurized. Their windows don't open. There are no children with chocolate dried around their mouths. Their farm-seat-belt lights never burn out. Good heavens, man. You saw 'Airport.' You know where the nut with the homemade bomb was sitting in tourist class? I looked around to make sure no one was listening. 'Let me lay it on you. See that cushion that says 'Foliation cushion'?"

He nodded. "I've been flying for 15 years and not once has that cushion flatted."

"What does flatted mean?" he asked. "Who knows? I've never been in first class to find out."



Dr. Peter Lambert, his wife Patricia, and their daughter Elizabeth, 2. (Charles Dixon photo)

A first-time mother at age 42

By Diane White Globe Staff

At 42, Patricia Lambert gave birth to her first child, a healthy girl.

"I had an excellent pregnancy and a normal delivery," Mrs. Lambert said. "I was in labor only four hours. I barely made it to the hospital. The only thing that bothered her at all about the experience was being classified as an 'elderly primipara.'"

"I never thought of 42 as being elderly," she said with a smile. "But that's what doctors call any woman over 35 who's pregnant for the first time."

There are no statistics available on how many women older than 40 give birth to first children. But, several obstetricians, called in an effort to find older first-time mothers, said such women are rare.

The Lamberts were married eight years when Mrs. Lambert became pregnant. It was something that had neither planned for, nor against. She and her husband, Peter, a physician who practices in Walpole, had discussed adopting a child, Mrs. Lambert said. They never did anything about it because they felt adoption agencies would think them too old. Dr. Lambert is 54.

Mrs. Lambert was teaching in a Brooklyn elementary school and planning to enter graduate school when she learned she was pregnant. "She just came along," said Mrs. Lambert, looking over at two-year-old Elizabeth happily playing on the living room floor of their Chestnut Hill home. And we were delighted."

She admits, though, that she was nervous immediately after she learned she was going to have a baby. The first time she saw her obstetrician, Dr. David Wentraub, she arrived armed with a long and carefully prepared list of questions. "He was wonderful about it," she said. "He immediately put me at ease." He said, "You know, dear, pregnancy isn't an illness. We consider it quite normal." That set the tone of her pregnancy. I went home and laughed and laughed. And I stopped worrying."

Mrs. Lambert said some of her friends

or associates at work seemed surprised when they learned she was expecting a baby. "They were all delighted and very encouraging," she said. "No one mentioned my age."

"In fact, the only time during my pregnancy when I was ever really aware of being older than other expectant mothers was when I took a Red Cross course in infant care. Everyone else in the class was 18 or 19. But no one ever mentioned my age. It didn't make any difference."

Early in her pregnancy Mrs. Lambert underwent a test called amniocentesis to determine if the baby she was carrying was normal. The test is a relatively simple procedure in which fluid is drawn from the uterus with a long needle. The fluid is then cultured in a laboratory.

Dr. Althea Milinsky is director of the genetics laboratory at the Fernald State School in Waltham, the only laboratory in the nation where these genetic studies are available without charge. He said the test can spot a variety of problems — the presence of chromosomal abnormalities like mongolism (Down's Syndrome), sex-linked diseases such as hemophilia and muscular dystrophy, inherited biochemical disorders like Tay-Sachs disease and major birth defects such as anencephaly and meningocoele, severe malformations of the brain and nervous system.

Dr. Milinsky said that as a woman gets older, the chances increase that she will bear children with one of five kinds of chromosomal abnormality, of which Down's Syndrome is the most common. The likelihood of a mother between 35 and 39 years old having chromosomally abnormal offspring falls, he said, somewhere between one in 100 and one in 200. For a woman in her early 30s, it's only one in 200.

The risk to women between 40 and 44 increases to about one in 40, and to those older than 45 about one in 21.

Dr. Milinsky says he would urge all expectant mothers to consider their own amniocentesis and genetic studies. In the past four years, he said, uterine fluid from amniocentesis had been tested at the Fernald State School Genetics Laboratory and 18 abnormalities have

been revealed. Six of these women decided to continue their pregnancies, he said. One mother gave birth to twins, one of being older than other expectant mothers. The other severely handicapped.

Dr. Wentraub, a staff member at Beth Israel Hospital and assistant clinical professor emeritus at Harvard Medical School, said it is his impression that older women in their first pregnancies tend to have higher frequencies of Caesarian sections, complications like kidney problems, increased blood pressure and swelling, babies who are over term or who die suddenly before birth.

Despite this, he said he sets no reason why women over 40 should hesitate to have first children. "My feeling is that it's perfectly all right," he said. "But I think every one of the women should have amniocentesis and chromosome investigation done."

If a problem is discovered, it brings up the difficult moral, religious and ethical question of whether to have an abortion. Mrs. Lambert said she doesn't know what she would have done if the tests had revealed abnormality. "I didn't really think about what I might have done until after she was born," she said. "I wanted that baby so much, emotionally, intellectually, on every level. I'm not sure how I would have reacted if something had been wrong."

Mrs. Lambert admitted that adjusting to motherhood at 42 was a bit difficult. "I never realized that a baby is a 24-hour a day job," she said. "I was used to coming home from work and having some time to myself. You don't have that time when you have a baby to take care of."

She says she is continually amazed at how much her life has changed since Elizabeth was born. "I was a schoolteacher for 20 years, a career woman. I was used to going into the world some day . . . I've had to adjust and develop new interests. I find that I'm very content to stay home and raise a new baby, and I'm looking forward to decorating it and just being around to watch Elizabeth grow. She's brought great joy to us. I can't imagine what life would be like without her."

MEDLEY/BILL FRIPP

Skiers' tips feeding fires

Close some of the ski lifts . . . fuel ski lodge fires with paper plates and cups . . . install ski lockers at the areas . . . reduce night skiing.

These are some of the scores of suggestions cascading into the Eastern Ski Area Association's "Eskiers to the Rescue" campaign. The campaign was launched publicly several weeks ago to seek advice on ways skiers could solve energy and transportation problems created by the energy crisis, with few exceptions lift tickets promised for winning suggestions.

One woman, a college physical education instructor, suggests that a lift be closed on part of the mountain to allow those who are physically fit to climb up. Thus, she says, would be good "both for public relations and for people."

Installation of ski lockers would allow skiers to keep their equipment at the area, making it easier for them to hitch or bus up or join a car pool, suggest two young skiers. Another urges that paper plates and cups be tossed into the fireplace instead of waste baskets, thus giving more fuel for the fire and having less garbage removal problems.

A New Jersey woman advises that lodges should "ask their guests when making reservations to bring some of their own blankets from home." And a Massachusetts man urges an establishment of "family ski weekend coordinators" to get drivers and passengers in their area together to form car pools. A New York driver says he'll donate his car to school bus every other Saturday and "moderate" the trip.

Eastern Ski Area Assn. executive director Phil Camp said from Woodstock, Vt. that he hadn't received any "reasonable solutions" to the problem yet. But he feels their personal involvement "will go a long way to lift their spirits, which are low right now."

Julia Child is one of 12 women to be honored by French three-star chef Paul Bocus at New York's Four Seasons. Bocus is preparing the dinner because he "adores women and deplores the sexual discrimination in many gastronomic societies." Time Inc. will send along plans to bring Life back next year as a monthly magazine. . . . Using AP baseball statistics, sociologists Adrian Hoehner of BU and James Jones of Harvard conclude that black pitchers "pitch more innings, strike out more batters, win more games, have a greater winning percentage, and give up fewer hits than white pitchers."

Mrs. John Dane of Brookline, president of the Boston chapter of the Archaeological Institute of America, solicited international travel in antiquities and destruction of archaeological resources "crimes against history." A panel discussion on combating such crimes, sponsored by the chapter, will be held next Monday at 4 p.m. at Harvard's Geological Lecture Hall, admission \$5, and \$2 for students.

Elizabeth was born. "I was a schoolteacher for 20 years, a career woman. I was used to going into the world some day . . . I've had to adjust and develop new interests. I find that I'm very content to stay home and raise a new baby, and I'm looking forward to decorating it and just being around to watch Elizabeth grow. She's brought great joy to us. I can't imagine what life would be like without her."

Cipullo jewelry reflects junkyard research

By Marian Christy Globe Staff

NEW YORK — Impressive jewelry designer Aldo Cipullo was whizzing down the Los Angeles freeway recently in a chauffeur'd limousine. Not being the driver, he could absorb the immediate environment whirling by.

Cipullo, an Italian native who recently became an American citizen, observed the constant motion with rising interest. "The United States is a nation on wheels — moving non-stop. Millions of families have two or more cars. Automobiles of every shape and color dominate the super-highways. Cars are a sign of the times in America."

Designers with intense notions about modern living trends eventually translate sights-sounds into fashion. Cipullo has created a 1974 collection of silver jewelry for Cartier's inspired by that freeway ride — which, incidentally, was followed up by a slow motion tour of a junk yard jammed with dismantled cars.

About the graveyard visit "I really wanted to study the anatomy of the automobile so I went to a car cemetery. How many people who drive know even the basic parts of a car?"

Cipullo's new silver collection — his first — features such offset car-inspired pieces as

A snap-on bracelet that's simply a wheel. A link bracelet that is a facsimile of hinges that hold the car door to the body of the automobile. A chain necklace on which dangles an abstract ignition key. A ring of silver twists "borrowed" from the metal bands which adorn a car door.

Elegance for whom Cipullo designs are the kind of modest clients who have diamonds and gold jewelry galore but they're stashed away in bank vaults. They frequently ask him to create "fairly inexpensive" jewelry with distinctive designs.

"Silver is available in the usual forms of traditional bangles or identification bracelets," says Cipullo. "The alternate type is designed by the Indians and studied with turquoise. There's a big demand for sterling in a sleek, contemporary mood."

Sterling jewelry is finding its way into top-notch jewelry shops, Cartier's included, which used to focus on such notorious sales as the 69 carat, \$1,900,000 diamond that Richard Burton bought for Elizabeth Taylor. Silver jewelry for the \$35-\$200 range is a real cut — especially when it's sold under the same roof as the Rocks.

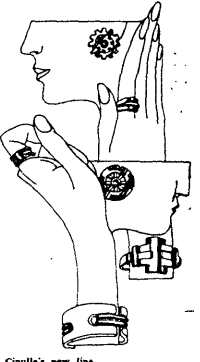
"There's a whole new generation that designers are catering to," says Cipullo about the 20 to 30 year olds who spurn Establishment concepts of status symbols

but are equally bored with the blue jean syndrome. "Sterling has a sheen and totality that gold doesn't have," says Cipullo. "And it isn't all that precious and serious."

Cipullo's original claim to fame is the so-called Love Bracelet which he invented as a substitute for the traditional wedding band. He did it in gold and Cartiers' designers were skeptical of the idea which to attach it at the beginning of a romance and to remove at the bitter and Cupullo's heavy everything is temporary. "Laterally thousands of love bracelets sold at \$400," says Cipullo who allowed his offset invention to be copied by Revlon giant Charles Revlon who, in turn, offered an inexpensive metal copy as a gift-with-purchase of certain products.

"I got a lot of mail from women who complain the metal bracelet turned the wrist green," laughs Cipullo. He told them all to save up for the real thing. "The Revlon promotion gave the Love Bracelet even more respect," says Cipullo who isn't copying it. "I'm really hung up on the idea that silver has to have a ring to it."

Gold prices have spiraled this year to \$110 an ounce but Cipullo claims his interest in silver is more aesthetic than economic.



Cipullo's new line

CONFIDENTIAL CHAT

Grandmother linked to mice

Dear Belle's Caster — Thanks for the word of warning, but I had a grandmother who was the grandest "peck rat" of them all and my vivid memories of her are enough to keep the clutter around here to a minimum.

She collected old wooden ice boxes and bread boxes and you wouldn't believe the number of broken down specimens stored down in her basement.

I once spent a weekend with her when I was about 18 years old, and she "pecked the livin' dickens" out of me. She sent me down to the cellar to play among the "treasures" she had collected and when I opened one of the old bread boxes, mice (or rats maybe) were running wild inside.

I always wondered how they ever managed to get inside, but finally decided that since the doors on those old objects didn't close too securely, the mice, or whatever, could squeeze in from the tiniest opening. That's some hack of a childhood memory of dear old Grandma, isn't it?

In reality, I am not as disorganized a person as I tend to make myself out to be. It is just that I like to keep the things that interest only me away from the "pecking eyes" of four little busybodies. Since I live in a rather small house, this presents a slight problem as far as all my Chat letters and clippings, accumulated over the past few years.

I'm at the stage now that when I buy my favorite cocoon-filled bon bon (at \$2.25 a pound), I have to hide them from the kiddies. They'd shove them in no time and wouldn't know the difference between them and the five and dime stuff. So, it isn't unusual as open up my button box and find, stashed neatly away, some such bon bon in plastic baggies. I could conceal them in the soap box for they'd never find them there, but I'm afraid the soap box would permeate the goodness.

How to make newspaper logs

Dear A Unit of Energy — Saw your request about newspaper logs and this is something I heard about quite a while ago. Roll several thicknesses of paper up as tightly as possible and secure with rubber band. Then soak them in the bathtub until they're wet all the way through. Take out and let dry thoroughly and they should be ready to use for the fireplace. I read about this in a little booklet with all kinds of hints on saving money but never did try it. Maybe you can let me know if it works.

Another idea for the fireplace which I am making came from a friend. Take cardboard egg cartons. Tear newspaper in strips — or shred it up. Fill each section with paper. Then pour hot paraffin over the whole box and let it set. When you want to start your fire, just break off one or two sections and put in fireplace (with some kindling, of course) and your fire will really take hold quickly. Be sure to be careful melting the paraffin — I put mine in a coffee can in a pan of water and heat that way.

Perhaps Apple Woodchuck could use these suggestions, too.

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I pondered your suggestion that I "learn to discard" and started to tunnel through the various pieces which housed my Chat paraphernalia, became confused and finally dumped it all into three large shopping bags. It now sits in the back of the closet, nestled around unopened pairs of old shoes. One of these fine days I promise to take 'em out to the trash so just in case I should suddenly disappear they won't have to bother trying to find me 'neath the Chat memorabilia...

Berley Pie

Paging . . .

Dear Virgo Twins Two — Please send us your names and address so we can forward some mail to you.

Confidential Chat Editor

Those who fear counseling

Dear Harwooden Problem — As a counselor of alcoholics, I have seen your problem many times. A part of your problem is the "how" and, as you say, if he truly loves you, he wants the best for you. In this case, it is getting the help you need. Many have imagined fears of "discovery" of their problem. Please be assured that with AA this is an imagination, if not paranoid. It must be someone and the needed help sought out. Your health and your responsibility to your children must take top priority. Your husband loves you and he wants you to stay yourself. Without the proper help, the you he loves may cease to be the person he knows. I don't want to frighten you needlessly, but consider

counseling

or the reality of your problem. Call AA and they will start you on the road to a better life.

Concerned Chatler

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ASK BETH

Crush isn't total waste of time

Dear Beth: This is for Jell, who is in love with Donny Omond. I've had a couple of bad crushes on singers myself. I fantasized about how great they were, and how I'd love them to be in love with me. I finally analyzed this whole hang-up.

about Donny Omond. — Dear Aardvark: A crush isn't a total waste of time. It's really a dress rehearsal for the real thing. People usually give up crushes when they fall for a kid they know personally.

If a teenager has a definite place to go, a safe means of getting there and back with trusted friends, not strangers, and if his/her parents are aware of the teenager's whereabouts, then we do not think night hours would pose a problem. — A Breaker and Slaters.

themselves as people instead of just as males or females, I agree with you. — School Volunteers for Besties Inc. — Workshops for volunteers begin Jan. 17 for reading training and on Jan. 29 for bilingual tutoring. "Birds Go to School" program in needs persons to give lessons in elementary classrooms about local birds. Call 287-3222.

ANN LANDERS



Some food for thought

Dear Ann Landers: Tonight my 17-year-old sister was fired. She was a waitress in a cafe and had the job for over a year. I work in the same place and witnessed the reason she was fired. We'd like your opinion as to whether or not it was justified.

It was 10 minutes before closing and Sally was hurrying with a plate of food. A young man (pretty drunk) popped up from the bar stool and poked Sally in the breast in a teasing way. She squished the plate of food onto his face. The boss came running over and fired her on the spot. What do you think — Sister?

BOOK OF THE DAY

Nixon as an Alger hero

Robert Taylor Gilie Staff

DIRTY TRICKS, OR NICK NOXIN'S NATURAL HISTORY, by John Seelye. Little, Brown, \$3.95.

who yearns for the big time. Inspired by the example of his father, a disappointed lemon grower, who has opened a shabby grocery store and gas station, Nick perceives the value of work. In Poco Lobo, California, today

immigrant Chinese into livestock trucks destined for bucket-shop farms. Bill another benefactor hires Nick to moon on conversations in the washrooms of a bank. But Nick is as high-minded as Pinocchio when others are defrauding him.

Dear Sister?

I think your sister was married and lost her hair. After all, a girl does not expect such behavior. Accidents do happen, and the boss should rehire your sister at once.

Wife, of course, is expediency, profit motive and moral pretense, as a Horacio Alger story. Around this simple yet visible premise, John Seelye has constructed a drab deadpan parody.

Seelye, a teacher of American literature, is fascinated by vernacular American literary forms: comic-strip and boys' books, dime operas and Saturday matinee serials. So, "Dirty Tricks," which is a moral fable, achieves break effectiveness due to its accurate appraisal of the conventions of novels such as "Puck and Luck."

Although he nourishes ambitions to become a newspaperman of the stature of Pulitzer, Patterson, McCormick and Hearst, and goes so far as to forge a letter of recommendation from his high-school principal, young Nick finds himself availed with miscreants. These include a benevolent patron who

My 17-year-old sister was fired.

Confidential to Just

The confidential at the foot of my column are not letters or gaming games. They are messages or readers who ask that their letters not be printed, or for some reason, they prefer not to receive mail at home. Sometimes, "unreliable" parties write and ask for more information about a certain confidential (like where did it come from). But of course I would never divulge such information.

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"Got me a job."

"When I graduated from college in 1971, I thought I would have no such trouble finding a job. I had a major in sociology and a minor in art, and I figured that somewhere out there would be a job that would make use of my interests and experiences. But soon I learned otherwise. I searched and searched through the most ads and went on dozens of interviews. But for some reason, I'd just get the same old, same old, same old. I was a graduate with a degree and a lot of experience. I had a professional background, but I was just a graduate with a degree and a lot of experience. I had a professional background, but I was just a graduate with a degree and a lot of experience.

the one college graduate who don't necessarily want to be an actor, but who do need a job in the business world. I took the cover and I certainly turned out to be a good fit. FREE the school helped me find a job, and I found a really promising one. I'm in the Sales Division of the Graphics Department of Harvard. I love it, and I don't think I could have happened without Galt.

katharine gibbs school 21 Washington St. Boston, MA 02118

CONSUMER CORNER

Wire-wick candle seen hazardous

By Robert J. Anglin Globe Staff Even the common candle is coming under scrutiny as a possible hazard in the home. The Vermont Health Dept. has asked stores in the state to attach a warning label to all candles with wire in the wicks. The department wants the candles marked with the warning: "Wick contains lead. Vapor Harmful. Burn only in well ventilated areas. Keep out of the reach of children."

Wicks wrapped around wire are often used for candles inside glass containers as a heat conductor. The Health Dept. has been conducting tests to determine if the lead concentration released by the candles is harmful, especially if used in small enclosed spaces such as trailers. Another concern is the possibility small children might pick up the lead droppings from the candle and swallow them.

The US Consumer Product Safety Commission (CPSC) was requested by the Health Research Group to test candles with lead core wicks. The agency decided, however, to postpone any such ban pending the results of a study now underway.

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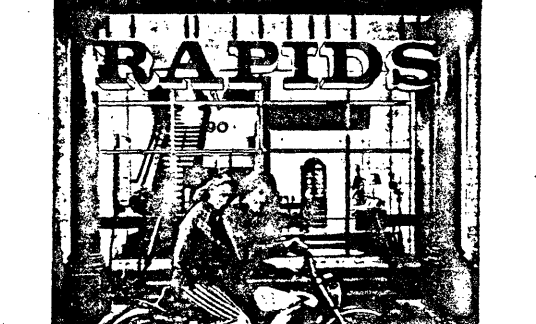
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Sarge's offer to cooperate...

Gov. Francis W. Sargent's conciliatory State of the State address is a welcome beginning to the 1974 legislative session.

It presents the Legislature with a new challenge — cooperation — a function much more difficult than that of combatant in the legislative-executive confrontation which has characterized Mr. Sargent's previous years as governor.

It remains to be seen whether the governor's mood will last beyond the opening gun and whether Speaker David Bartley and Senate President Kevin Harrington will resist the temptation to return to their defensive and petulant posture.

Working together is a particularly tall order for 1974. The real issue on Beacon Hill this year is political survival — for the governor, for those legislators seeking higher office, and for those incumbents facing unusually tough re-election contests as a result of redistricting. The specter of the ballot box will affect the course of legislation and shorten the length of the session.

In addition, the governor's two overriding priorities do not lend themselves to quick and simple solutions. Mr. Sargent deeply believes in the seriousness of the State of the State and the need for special emergency powers. The Legislature, in general, is more skeptical of the crisis and understandably reluctant to delegate more authority to the chief executive. A middle ground must be found.

Mr. Sargent does have a strong personal and political stake in the enactment of the rest of the reorganization of state government, but the citizens of Massachusetts have also invested heavily in a streamlined and more efficient bureaucracy and deserve legislative action. The plans have been before the Legislature for nearly a year, and the governor has demonstrated a willingness to accept reasonable modifications.

Mr. Sargent's one major innovative recommendation was for the establishment of a State Council of

Federal Affairs, consisting of himself and the leaders of the Legislature, front in the determination of national policy matters affecting the state. The idea is a sound one, based on a similar model used in Oregon and on a suggestion made by Speaker Bartley some weeks ago.

Mr. Bartley and Mr. Harrington should demonstrate their own commitment by agreeing to serve on the council even though the governor could have better served the year for their approval by letting them know about the committee of their before he was to make it public. We hope the council, while concentrating on national policy questions, could become a vehicle for improved communication on other matters as well.

The rest of the message was straightforward. The governor reiterated guidelines for the session — no new taxes and more aid to the cities and towns for property tax relief. There should be no disagreement with these goals from the legislators, the press or the public. And then he set his own agenda for legislative attention this year: programs for children, the crime problem, stimulation of the economy, and increasing citizen participation in government. On these items, reasonable people will disagree both as to the program and as to what should be on the list of most important things to do.

There is every indication that incumbents, regardless of party and generating of ideology, are going to feel the chill of Watergate in November. By starting with cooperative posture, the governor has given the legislators an opportunity to make the 1974 session a workable one, a year which will help to counter the anti-incumbent feeling. Procrastination by July 4, with the enactment of a comprehensive energy policy, resolution of the reorganization issues, no new state taxes, and additional property tax relief will be a major step toward restoring lost public confidence in the processes of government.

... and the state of the city

In his State of the City address, Mayor Kevin H. White announced an ambitious new program and made no flamboyant promises. It was the speech of an experienced politician for the urban war, conciliatory rather than challenging, and less political than one might expect of a 43-year-old mayor who has made no returnable plans.

In his annual visit to the City Council chamber, White seemed to be making a special though low-key effort to reassure the city's white middle class population, the group most prone to emigrate to the suburbs. He stressed three basic issues: "racial stability, education and the very serious matter of crime."

The austerity program he launched a year ago, he said, has succeeded: city spending has been held down, the tax rate has been stabilized and the city payroll has been cut substantially. The mayor has a right to be proud of such successes, unexciting though they may seem to some citizens. We hope he will do so, but we will do so only if he will do so with that part of his 1974 legislative program which aimed at freeing the city from the problems of inflation, increasing demands for services and an "unrealistic revenue base."

Mr. White has been hammering away at this issue almost since the snowy day he took office in 1968. This time he will set for state reimbursement for 20 percent of the revenue lost to the city through exemptions granted to tax-free institutions. At the very least the effort should dramatize the very real fact of the land area where more than 50 percent of the city's population lives.

The mayor reminded his audience of the progress made in school construction during his administration. However, his major educational thrust, however, was to boost his plan for re-

structuring the school system which, with three other plans, will be on the ballot in the April special election. The mayor's plan may or may not be superior to the other three. However, he and his staff can do the city a great service if they keep his speech before the public because such an effort should force proponents of the other plans to publicize theirs.

When he came to the subject of crime, the mayor resisted any temptation he may have felt to promise an instant cleanup. Instead, he promised the fact that Boston remains one of the safer cities in the United States. Realistically, however, he warned that despite education and elevated crime rate will be part of the urban-suburban scene for years to come.

It is hardly possible for a mayor to illuminate every corner of his administration's activities in such a speech and it is to be expected that there should be a few dark corners he would pass by. However, it does seem curious that Mr. White failed to mention the possible consequences of the energy crisis on the city or what his administration plans to do about it, and that he did not see fit to discuss Boston's dismal housing situation. While he stressed the importance of the city's neighborhoods, he did not bring up the problem of what is to be done about the deteriorating condition of many of their basic units, private and public.

Overall, however, the mayor's tone was appropriate for the beginning of 1974 — he neither boasted to excess about his administration's accomplishments nor promised the impossible. It is, of course, a risky time for promises, but as the mayor clearly suggested, it is not an impossible time for progress.

A 10-gallon straw

Ordering the major oil distributors to sell their company-owned service stations to limit customers to 10 gallons of gasoline at each fill-up will do nothing to help the energy crisis.

In fact it may well have the opposite effect by adding to lines of frustrated drivers waiting for service from increasingly harassed service station attendants — and by causing

those drivers to burn up more gasoline while they wait.

Requiring drivers to fill their tanks more frequently is not the same as requiring them to use less. This about return from the Federal Energy Office can only suggest that the Administration is grasping at straws to avoid the tough decisions called for in the fuel shortage. This straw could break our backs.



OPERATION CANDOR

LETTERS TO THE EDITOR

Abortion decision

The article (Dec. 23) by Kay Longenecker regarding the campaign to reverse the Supreme Court abortion decision makes two points seldom verbalized: that those responsible for generating and financing this campaign are the Roman Catholic bishops, and that many Roman Catholics along with those of other religious persuasions stand in opposition to this effort of the Roman Catholic hierarchy.

The assumption made by the bishops that "particularly since the recent Supreme Court decision hundreds of thousands—maybe even millions"—of abortions have been performed is to misunderstand the reality of the situation. The court's decision is hardly responsible for the number of abortions. Throughout history abortion has been utilized as a method of preventing unplanned or unacceptable births. The decision simply affected where abortion is performed. The bishops, therefore, are in the untenable position of, in effect, encouraging illegal abortion, thereby endangering the lives and health of hundreds of thousands of women.

The elimination of dangerous illegal abortion has removed the main cause of maternal death. The dramatic 50 percent decline in maternal deaths in New York City after two years of legal abortion is only one among several persuasive reasons for protracting the Supreme Court decision.

It is my hope that The Globe, in the face of efforts to reverse the court decision, will continue to practice sound journalism by presenting accurate factual information and avoiding sensationalism.

CAROLYN SCHNEIDER
Newton

Protecting lives

I have just returned from officiating at the funeral of my good friend and cherished colleague, Dr. Gerald Wolberg, who was shot by a mental patient who was trying to counsel.

I confess to feelings of rage and regret at the death of this brilliant and gifted man, and the waste it represents. I know that a ban on handguns will not solve all problems, and I concede that criminal elements will be able to obtain illegal weapons. Still, when I think of the death and destruction caused by scared, confused, angry people with unimpeded access to lethal guns, I have difficulty understanding why society permits this to continue. We cannot afford any more innocent casualties before we enact the sort of law which will protect lives infinitely better than the system we have now.

RABBI HAROLD S. KUSNER
Natick Temple Israel

Legion grateful

I know I express the gratitude of the 80,000 Massachusetts members of the American Legion, its auxiliary (28,000 members), their families, and all concerned citizens, to the plight of the unemployed former members of the armed services, particularly those having been involved in the Vietnam conflict, for the editorial in The Globe on Dec. 7, entitled "The Forgotten Veterans."

We deem significant the endorsement of the \$38 to \$50 individual in-

Culture, tradition

The letter, "Let 'em freeze" (Globe Dec. 31), was permeated with an unapologetic bitterness against New Englanders, a bemused sense of what progress is, and no comprehension of the economic history of New England.

He categorically denigrates all New Englanders for vigorously opposing change. He implies all change is beneficial, and therefore anyone opposing change is a reactionary selfish quack.

He criticizes us for fighting oil refineries and power plants. He seems to have forgotten the reason for each fight... to prevent the degradation of shoreline and beaches, as well as air pollution.

JOHN F. SWIFT
Department Adjutant
The American Legion

It's our turn

I was outraged by the Jan. 1 Globe headline story "Senators sell heating oil at 3 times market price." This latest expose of the greedy, profiteering oil companies clearly shows they have lost the right to continue operating as a free enterprise industry. As a minimum, they should be controlled like other energy utilities and lose all tax shelter.

We all owe thanks to the press for exposing this self-seeking and often times, polluting industry. I hope The Globe will continue this fine work.

But all of us must understand and wake up to the fact that The Globe and other newspapers can only report these wrongdoings. It is up to us to insist that our elected representatives follow through, and failing that, to set ourselves. I think in the instances that the Sun Oil Co. has earned the focus of our attention. If they "see nothing wrong" in price gouging us, and if they consider that acts "perfectly legal" then let me be the first to feel the wrath of us New Englanders. Let's start by tearing credit cards in half and mailing them back... then we can follow through with a general boycott.

We have taken the brunt of the oil companies' actions, we pay their exorbitant prices, we live up at their service stations, and we are left stranded when they close. Now let them bear from us.

TED E. KIRCHNER
Weston

HMO—dual choice

I was delighted to read the editorial "Here come the HMOs" that appeared in the Dec. 23 edition of the Globe. The Health Maintenance Organization concept should be a very important element in the movement for reform in the delivery and financing of health care in the United States. The legislative support that is now forthcoming is most welcome.

As a matter of clarification, the Harvard Community Health Plan has been providing medical services to enrolled members for more than four years. There are over 1,000 employers in Greater Boston offering HCHP on a dual choice basis. This is, employees may select the HCHP or retain their traditional health insurance coverage.

There are 34,000 members in HCHP in addition to our health center in Kenmore Square, comprehensive health services are provided to members at a new center at 8 Mt. Auburn St., Cambridge HCHP also has an Outreach Center in the Milton Hill-Parter community of Boston. Our purpose is to provide comprehensive quality health services with out-of-pocket expenses substantially reduced. We expect to have 70,000 members within three years.

ROBERT L. BILBO
Executive Director
The Harvard Community Plan
Allston

THE NATION

By MARTIN F. NOLAN

St. Clair known as 'Silver Fox'

WASHINGTON — President Nixon's newest lawyer, known around the law firms on State Street in Boston as "the Silver Fox."

James Draper St. Clair, 52, is a proud man, with every right to be. He was a junior partner in the immensely prestigious firm of Hale and Dorr which, barely out of Harvard Law School.

In 1964, he became a minor television star in the Senate soap opera known as the Army-McCarthy hearings where he assailed the late Joseph Welch.

Since then he has been defense counsel for suspected Communists on the Harvard faculty and demonstrators from Vietnam policy such as Yale chaplain William Slovicz Coffin.

Although his newest client hardly faces a civil disobedience rap, St. Clair made much of Coffin's case. St. Clair made much of Coffin's case. St. Clair made much of Coffin's case. St. Clair made much of Coffin's case.

Among the high compliments his fellow Boston lawyers bestow on St. Clair is that he is "very expensive." That is a barrister's way of praise because Hale and Dorr for many years followed a policy of forbidding its lawyers to take pro bono public cases for free. Hale and Dorr is known as a very efficient, business-like firm.

On several occasions, St. Clair has turned prosecutor in assisting the government in exposing allegedly corrupt officials. In Massachusetts, that alone can be a full-time job with handsome fees.

A decade ago he represented then Gov. Volpe in the proceedings against Ted Kennedy, whom St. Clair accused of draining the public treasury more deeply than the dredged Massachusetts waterways.

Last year, the Massachusetts Supreme Judicial Court rebuked St. Clair to save the \$75 State batch from the state's "Jury Box."

Judge Jerome Patrick Gray of the Dorchester District Court was getting to be known as the Richard Nixon of Massachusetts judges. Scandals had swirled around his bench for several years, and public were against him. The Legislature was drafting the embarrassing article of coming to expect him, but they would to tough it out.

In the breach stepped St. Clair, who made an emotional appeal before the Troy court. He said: "If St. Clair's honesty is submitted, St. Clair's honesty is all the most interesting."

"The courts depend on the confidence of the people," he said. "If that is lost, we have lost our judicial system... It is not necessary that a judge do something wrong, but he must give the appearance that he is not doing anything wrong... the appearance of impropriety is as serious, if not more so, than the actual wrongdoing."

St. Clair noted that Troy had been accused of benefiting from the public office and asked, "Would it not be better that people not be permitted to do anything for a judge that is for his personal benefit?"

St. Clair asked the state court to oust Troy to set a public standard that all judges "shall be above reproach."

It was an eloquent argument and St. Clair's opponent, John Doar, impeachment ace for the House Judiciary Committee, may find it handy in a future courtroom showdown.

Martin Nolan is chief of The Globe's Washington Bureau.

EDITORIAL POINTS

With daylight saving in January, the morning paper arrives before it's light enough to read it.

The Faneuil Hall gasstopper has been stolen and no doubt someone is scheming to get the leaf off the golden dome.

Critics are beginning to believe the shortage is really a price war against the public.

For half a million dollars, perhaps somebody could be hired to read the vice-presidential papers of Richard Nixon.

A little snow on the ground makes the world look more like winter, and none the better for it.

In spite of all the ruses hatched on television, someone plugged and undugger agent snatched out.

A peace conference is better, but war makes more news.

POLITICAL CIRCUIT
By MICHAEL KENNEY

Sargent tries a softer line

Gov. Sargent's favorite political tactic went sour last month, so yesterday he tried a new one.

With a re-election campaign coming up, you would have expected yesterday's State of the Commonwealth message to have been a slim-bang attack on the Legislature—full of hyperbole about the failure to pass reorganization last session and some snappy new lines about how the people will be freezing this winter because the Legislature so unceremoniously dumped the special energy session.

Instead, there was talk about "cloing ranks" to solve this problem and face that crisis.

It sure wasn't the Gov. Sargent who once took to election to attack the Legislature over a proposed welfare cutback and who ever since has had people at the State House convinced that he would do it again.

And it sure wasn't the Gov. Sargent of just last month who may, or may not have — the reports conflict — called the Legislature during a meeting with the state's congressional delegation, "sons of bitches" because of their lack of appreciation for his energy legislation.

Yesterday, the tone of conciliation and cooperation was deliberate and, key members of his administration insist, one that will be pursued right through the state election year.

The energy session showed Sargent and his advisers that the policies of confrontation has its limits.

There was no getting away from the fact that many of the energy proposals Sargent's cabinet members humbly presented to the Legislature last month were either inadequate or sloppy (the \$10 per welfare household fuel coupon plan, for example). The Legislature was performing its constitutional function by referring most of the proposals to dead-end studies.

Sargent, doing what has always come naturally to him, attacked the Legislature only to find that, for once, people weren't buying it.



GOV. SARGENT ADDRESSES THE LEGISLATURE

Beyond that, Sargent believes that the chances are at least 50-50 that the energy crisis "is here, now, and very real" and that Massachusetts can't expect that Washington will infallibly do the right thing. A lesson he has learned from his dealings with them over privacy matters.

So, if confrontation has its limits, and the crisis is real, the only other way to turn it to a good-governance spirit of conciliation and cooperation.

Although he did not go into great detail (and only briefly the legislative leadership on a few hours before the speech was given), Sargent wants to set up a joint executive-legislative council which would review administration legislative proposals before they are filed, generate ideas for new programs, and — what is most important in the heat of the energy crisis — present a united front in Washington.

The congressional delegation (nine-to-three Democratic) invariably asks what the legislative leadership (solidly Democratic) thinks whenever Sargent meets with them. If the executive-legislative council proposal goes anywhere, it is likely that Sargent would take House Speaker David M. Bartley or Senate President Kevin B. Harrington or their representatives to Washington with him on his forays in search of Federal transportation funds, welfare assistance, or, increasingly so this year, for help with the energy crisis.

That all sounds nice — one of Sargent's staffers called yesterday's message a classic good government speech — but at the State House you have to ask just what are the politics of the thing. Especially in an election year.

Sargent's staff is convinced that, a year of backing between their side and the Legislature could destroy whatever quality has managed to keep Massachusetts relatively healthy through the past year of political and economic horrors.

A continuation of the polarization at the State House, they say, is not in the public interest; and they admit not to their best interest, any more, either.

Sargent's people aren't quite sure how all this will benefit him politically. It's more an act of faith that "the best politics is getting the best program" so it is better to show some product on rather than confrontation.

So yesterday's speech was about on specific proposals (they will come later), entirely lacking in "confrontation politics," and very heavy on conciliation and cooperation.

But it is a long way to November, and sometimes in politics it's a long way to next week.

Michael Kenney is a Globe State House reporter.

Daily schedules--- (Jan. 8)

GOV. SARGENT — 9:30 a.m., governor's office; 10 a.m., Doric Hall, Student Government; 11 a.m., State House drawing 10:25 a.m., governor's office appointments; 1 p.m., governor's office, swearing-in ceremonies; 1:30 p.m., office appointments; 6:30 p.m., Veterans Room, Copley Plaza, Time Magazine dinner.

MAYOR WHITE — 10 a.m., Boston Housing Authority director Robert Kenney; 11 a.m., swearing-in Boston City Hospital trustee William Morrison; 11:30 a.m., private luncheon with BCH trustees; 1:30 p.m., office appointments; 8:30 p.m., radio interview on WBZ.



ART BUCHWALD

The saga of Flight 151

WASHINGTON—Almost everyone here has been greatly impressed with President Nixon's eccentric in flying commercial to San Clemente, Calif., for the holidays. In taking a United Airlines flight, the White House pointed out, the President was setting an example for saving fuel and also showing his faith in the commercial aviation industry.

But there are a few people in the town, though, who are concerned the President might make a habit of flying on a commercial airline and it could endanger the national security of the country.

Suppose, for example, the President gets a call at San Clemente from Henry Kissinger in Washington.

Mr. Nixon calls the airline. He gets a recording, "Due to the energy crisis, the voice says, 'All our reservation clerks are tied up. Your call has been put into a computer and as soon as one of them is free we will connect you.'

"Is this on the family plan?" the reservation clerk asks.

"For heaven's sake, please, I don't want to miss the plane. A guarantee of peace depends on me getting on this flight."

"Yes, sir. I'll have to write up these tickets."

"Look, just take this money and write them up later."

"I'm sorry, sir. That would be highly irregular. You do have time, you know."

"What do you mean I have time?"

"Flight 151 has been cancelled. The next flight will leave at 9 o'clock tonight with a change of equipment in Waco, Texas."

A half hour later the President is at the counter. "I would like 20 first class seats to Washington on Flight 151."

The reservations clerk goes to the computer and starts hitting the keys. "We don't have 20 first class seats. We can put three in first class, 12 in tourist, and the rest will have to be standard."

"All right, but hurry," the President urges. "The plane is leaving in five minutes."

"Is this on the family plan?" the reservation clerk asks.

"For heaven's sake, please, I don't want to miss the plane. A guarantee of peace depends on me getting on this flight."

"Yes, sir. I'll have to write up these tickets."

"Look, just take this money and write them up later."

"I'm sorry, sir. That would be highly irregular. You do have time, you know."

"What do you mean I have time?"

"Flight 151 has been cancelled. The next flight will leave at 9 o'clock tonight with a change of equipment in Waco, Texas."

The clerk who is counting his cash

Art Buchwald is a syndicated columnist.

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TRB COMMENTS

Present at the call of duty

In the first analysis, a country is reasonably safe if it can produce great men at great moments. The United States has a pretty good record for that: all those Founding Fathers, for example, in the Civil War, Lincoln.

In the wrenching strains of recent times there have been good men, too. This reporter was there at that last great scene in the House when the House impeached a lawyer from Boston, Joseph N. Welch, finally demanded of Sen. McCarthy, "Have you any sense of decency, sir, at long last?" Joe Welch of Boston. Who had ever thought of him in a heroic role? He or some other decision was to be made to present at just that moment, and say just those words in just the right tone of quiet passion. It was the day that finally woke the sleeping country. Greatness touched him for a minute.

And so now down to Watergate. We take a more hopeful view of the nasty mess than some, partly because, because we have confidence (not always sustained) that at critical moments the right person will be handed on a platter back a quiet sense of pride in America, or maybe a quite unexpected person, or somebody whose duty was to do what he did all the time, and surprise everybody by doing it.

There is, to start with, Sen. Sam Ervin. He gets to seem, more and more, like a good Founding Father. He does impress people as being particularly heroic until Watergate came along. He fought the delegation took and that's every decade, including the filibuster. He couldn't stomach Watergate. He presided fairly. He didn't shoot and browbeat anyone. He smiled. And smiled. His eyebrows went up and down and his jaw jiggled. He was quoting the Bible, or Shakespeare, or some backwoods village philosopher all the time as he scored his points. It was good to feel the country could produce people like that.

There was Elliot Richardson. The former Attorney General, Boston Brahmin, with conservative outlook and serene self-confidence, was a kind of Yankee counterpart to Ervin. Richardson wanted to get along with the President. He was willing to make compromises. He made too many compromises on social welfare and civil rights in order to stay on the handsome-hillman-Nixon team. But he had a line he would not step over and he knew just where the line was: the White House ordered him to break his word to special prosecutor Archibald Cox, his old Harvard law school professor. So Richardson resigned. He did it with grace. Maybe you don't agree with all that blue-blood business but, let's face it, the guy has class. That's what the rest of them lack.

Time magazine nominated for its man of the year a third Watergate figure, Judge John Sirica, 69 son of an Italian immigrant, the diminutive chief judge of the D.C. District Court for Washington. A good choice, we thought, though we would have twined it with another. Again we get the comforting sense of people around who are quietly ready to do their duty at the proper moment. Watergate was "a third rate burglary" until Judge Sirica got his dogged teeth into it; then he shook it loose.

If we had been the editors of Time we would have split the Sirica award for the year with Katherine Graham, publisher of the Washington Post. She could so easily have gone down from her big desk on the eighth floor of the paper in the noisy newswoman on the fifth floor after an exposure or two of Watergate. Almost as much by a book's by words, have said, "Hold off it, too." I have a \$200 million publishing empire at stake. The White House is an empire. Let's just print the news after this and cut out this investigative reporting, this "adversary journalism." Fortunately she didn't. She and her team dug up the material, and con-

DAVID FARRELL

Short session on Beacon Hill

The impact of the Watergate scandal and the energy crisis on national politics will dominate thinking on Beacon Hill this year.

This was obvious yesterday as Gov. Sargent delivered his low-key address to a joint session of the Legislature and it became quite apparent that partisan politics will be absent during the 1974 session of the General Court.

Elected officials will devote their energies to efforts to gauge the rub-off from the latest developments in Washington throughout 1973 and from the squeeze generated by the shortages and skyrocketing cost of oil and gasoline.

No one knows how deeply the public resentment against all incumbents is rooted.

Apprehension that the mess in Washington may adversely affect nearly all politicians in office will inspire the lawmakers to wind up the 1973 session of the Legislature in June or July so that there

will be ample time to combat this problem.

Some 40 incumbent lawmakers in the Legislature will endeavor to disassociate themselves from the Washington counterparts who have plunged the country into a chaos of unprecedented depth.

Another factor which will accelerate the pace of the new session of the House and Senate is the restructuring of the lower branch into single-member districts.

Some 40 incumbent lawmakers in the House—like Cambridge Reps. Thomas P. O'Neill Jr. and Charles Flaherty — will square off against one another next fall.

The sooner they can break away from the roll calls at the State House and begin their campaigns, the happier they will be.

According to Senate President Kevin B. Harrington, there will be little disposition in the Senate and the House to approve spending legislation.

Additional parts of the governor's reorganization proposals, including community development and education, probably will win approval.

But a major struggle on the controversial issue of environmental affairs is anticipated, Harrington says.

Gov. Sargent, the governor, and House Speaker David Bartley are in agreement that there will be no new taxes this year.

With such a whopping increase in the cost of living in Massachusetts during the past year, budget-conscious housewives and wage earners would react bitterly to any move to boost the state income tax, the sales tax, or any of the other levies now imposed by the commonwealth.

Speaker Bartley will be pushing for early adjournment so he can devote all of his time to Atty. Gen. Robert H. Quinn's campaign for the gubernatorial nomination.

Bartley already has committed many of his staffers and workers to the Quinn cause. If Quinn should become governor, the speaker will emerge as the strongest man behind the new chief executive.

If there is an undercurrent of resentment flowing against incumbent office holders here, Atty. Michael S. Dukakis of Brookline will be the principal beneficiary.

Dukakis is a former state representative who has been out of office since 1970 when he lost to Lt. Gov. Donald Dwight in a campaign for the state's attorney general. He hopes to isolate himself from the rest of the political pack and take advantage of the public's disgust with incumbent office holders by running a clean, hard-fought campaign for the gubernatorial nomination.

Many politicians are certain that the public resentment against incumbents is strong may be deduced from the fact that several members of the Senate are now scouting around for permanent state jobs for themselves. At least a half dozen reportedly are looking and will not see reelection if they are successful.

Charles B. Rangel (D) is a US Representative from New York.

David Farrell is a Globe political columnist.

CONGRESSIONAL BLACK CAUCUS / CHARLES B. RANGEL

National security redefined

The term "national security" has been bandied about without much thought recently. In the face of possible impeachment, the President has attempted to defend many of his illegal activities on the grounds of national security. The raids by the plumber's squad of the White House on the files of Dr. Daniel Ellsberg's psychiatrist is one example. The warring staff of the National Security Council and high-level advisors to Sen. Ed Muskie is another.

The White House position, then, seems to be that anything unlawful and embarrassing can be covered up with the rubric of national security.

The witch-hunts of the Joe McCarthy era were conducted under the guise of national security. Lives were disrupted, jobs were lost, families were broken up and First Amendment freedoms were trampled into the ground as "patriots" sought out "traitors," "pinkos" and "left-wing travelers" not to mention "card-carrying Communists" and "Bolsheviks."

Those days are still mentored by the House Committee on Internal Security carries the suggestion that to civil liberties and individual rights, in the name of national security, of course.

It is not surprising, then, that the House Un-American Activities Committee has 41 employees and secret dossiers on countless Americans. At a cost of over \$15 million each year, the committee produces virtually no legislation.

More like the snake oil salesman of the old than a congressional committee, HISC hearings and investigations are conducted with an eye for the bureau, the unctuous and the irrelevant.

At a time when the problems of prison reform and the weaknesses of the judicial system, together with the high crime rate, are an everyone's mind, HISC decided to conduct hearings on the correctional system. True, the House Judiciary Committee was investigating prison reform since legislation in that area was within its ju-

isdiction. True, the Select Committee on Crime was investigating prison disorders in line with its mandate. But, in the name of national security, HISC would conduct its own probe — into revolutionaries in the prison and into whether "Foreign Communist powers or their agents" had provoked riots and uprisings behind bars.

The House Internal Security Committee position is that national security, however the committee defines it, justifies intruding into individual privacy, ignoring personal freedoms and questioning citizens with different political or economic views.

Those conceptions of national security are unrealistic in the 1970's. Governmental deception, perjury and violations of the Bill of Rights cannot be rationalized by simply whipping out the label "national security." It is time that the United States recognizes a new meaning for those words.

National security comes from an environment where each American has access to low-cost, high quality medical care — health security. It comes from a system where each American has a decent place to live at a cost which he can afford — housing security. It comes when nobody has to worry about the loss of his or her enough money for food for the family or shoes for the children so they can go to school — economic security.

National security should mean security from racism and unemployment, security from crime and suffocation rather than stimulate enthusiasm and learning, security from addictive drugs and security from crime in the streets.

Midnight raids, inquisition-like hearings, telephone taps and illegal bombing attacks are not part of a rational idea of national security. They are anathema to decent hearings, and abuses of responsibility and duty.

P. 22 Patients wait hours for admission to filled-to-capacity Boston City Hospital

By Richard A. Knox
Globe Staff

At least six patients, some elderly and several ill, were forced to wait as long as four hours on Boston City Hospital's congested accident floor last night because hospital officials could not find them beds and every other major hospital in the city told BCH it was full.

Hospital personnel said it was the most severe admitting crisis in six months since BCH's capacity was limited to 500 beds. It was also thought to be the first time that every major hospital in Boston was full.

One 83-year-old woman, a nursing home patient, fell ill while she was being treated yesterday in BCH's dental clinic. A hospital spokesman said the woman arrived at the accident floor at about 5 p.m. but had to wait there until after 9 p.m. because no bed was available.

None of the patients forced to wait for treatment was on the danger list, the spokesman said.

BCH attributed the crisis to an unusually high number of emergency service admissions and the coincidental and unprecedented inability of any major facility to accept transfers.

Eventually, the 82-year-old woman was accepted by nearby University Hospital, which earlier had told BCH it had no room. She was treated there for congestive heart failure and digoxin toxicity (reaction to the drug digoxin).

Among other patients in the same predicament were a 67-year-old man with pneumonia and severe dehydration and an other man of 60 suffering from pneumonia and congestive heart failure.

These and several others

needing admission were finally accommodated at BCH, but only by transferring less sick patients from the medical wards, where they belong, to the surgical service. According to one doctor on an intensive care unit, some patients were also bedded in these units — even though they didn't need such expensive care — because the space was all that was available.

Dr. Jeremy Ramp, director of BCH's emergency service, said that "boarding" the medical patients

in the surgical service means that surgical beds would be "close to full." Other medical staff members said that "boarding" patients on other services is a clear detriment to the quality of their care.

"The admitting office doesn't like to board patients because it definitely compromises their care," said one supervisory nurse. Patients wouldn't want to be boarded either if they knew what it meant to them.

It was also learned that

as of mid-evening, only three medical beds were available in case "danger list" patients (known as DLI) had to be admitted during the night. At one point in the last six months, the hospital's policy was to hold 12 beds for such a contingency.

Ramp said there is now no fixed policy, but that "the chances of getting six DLI medical admissions overnight are great enough to warrant holding at least that many beds."

The pinch in available beds for emergency admissions in the city was foreseen when BCH trustees voted last winter to limit the hospital's capacity to 500 beds. Until this was accomplished in July, the capacity had been elastic.

In recent years it was around 700 beds, and a year ago the in-patient census was between 680 and 720 patients.

At the same time, Saltzman and other hospital workers think that the admissions crisis will continue and that policies may have to be modified to insure enough space in Boston hospitals for emergency admissions of Boston citizens.

"Five hundred beds is a tough number to live under," Dr. Steven Saltzman, president of the BCH House Officers Association, said last night. "I thought that things would get a lot worse. I've been impressed at how smoothly it has gone — probably due to the good weather and the absence of a flu epidemic and some major fires or natural disasters."

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EASTERN The Wings of Man.

Probe sought of couple's death

SCHENECTADY, N.Y. — The Schenectady County district attorney said yesterday he would ask for a grand jury investigation of the deaths of an elderly couple found in their unheated home.

Albert Watrous told a news conference there did not appear to be any criminal act involved on the part of Niagara Mohawk Power Corp., which shut off electricity to the home of Frank Baker, 85, and his wife Catherine, 82.

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SPORTS

LARRY WHITESIDE

Why not hear Russell out?

Maybe it is time to hear a voice from the grandstand. The home folk have had their say lately about Bill Russell, even to the point of calling him a "racist." Now a word or two from a guy from down here.

Russell's image is a little different if you are from somewhere besides Boston, which I was until about three months ago. Russell is the brilliant all-time superstar of the Celtics, a highly successful coach who quit when he was on top, a television wit and a man of some executive talent who is in the process of repairing the mess Seattle made of its NBA franchise.

But because he chose to say that Boston was a "racist" community and very "segregated," Russell's name is mud in some quarters. He is the successful man who, come to think of it, wasn't that nice a guy when he was here. History will surely prove him wrong, you hear people say. But then they ask, why would he say all those things?

Probably because they are true. But let's clear up some misunderstandings. Let's see what Russell actually said. He stated that the city had "racist attitudes" and unless you are unwilling to admit that Boston is part of the United States, it is hard to disagree with that.

Russell said the city was segregated. He was referring to the communists in the area, which through economic, or by design, close their doors to blacks. Blacks who are looking for homes in the area find out where they are.

And Russell was saying more although he still hasn't gone out of his way to make it clear. He was one of the top two or three great professional athletes this city has ever had represent it. Yet, he left here unhappy and not a particularly rich man.

No one laid out the red carpet for him after his career, like a Ted Williams. And all those goodies that a Bobby Orr or a Phil Esposito gets today — endorsements, camps, books, Russell missed out on. Take 1968 for instance. It was the season he led a fourth-place team to the NBA championship, and he should have been the man of the year. But Carl Yastrzemski was getting the baseball world on its ear, and that was hard for people to forget. And a fellow named Orr broke the record for most goals by a defenseman.

Sorry about that, Bill. Sometimes even the devil doesn't get his due. It's too bad there wasn't a Bill Russell radio show, or a string of Russell gas stations (E.I. cents for regular) or a banker in town who could use a 6-foot-9 junior executive.

Too bad some member of the media failed to take the time to learn about the man instead of the athlete. Some people consider the hiring of Russell as Celtic coach as important as the entry of Jackie Robinson into baseball. Robinson's talent made white America recognize the black athlete. The Celtics' hiring of Russell was recognition of him as a man and opened the door for other black coaches in other major sports.

As a member of that writing fraternity which sometimes publicizes athletes with unflattering headlines, I hope Russell can understand one thing. Reporters have long known to take the course of least resistance. It's easier to write about a buddy than someone who might be difficult to talk to. Many guys find it hard to be objective when they know they don't have to be.

Only a few weeks ago O.J. Simpson told a fellow from Worcester a simple truth, and it made sense. He asked why O.J. was sitting around the locker room 45 minutes after everybody had left, answering reporters' questions. In short, why was he so nice?

"Because I'm the same guy I was in other years," he answered. "But I've had a lot of good stories written about me because I was nice to writers. They've got a job to do, just like me. They help me to get where I am today."

People change and perhaps one day Russell will come back to Boston and say that. Reporters have not here any longer. If he fails to Reggie Smith, he won't. But then, that's another story...

Bill Russell

Energy aplenty at ski clinic

Pitted ice halts Whalers

Six years later that lanky kid, Wells, makes a name for himself in Detroit

high school basketball experts such as Russell and Ronald Lee have had even their daily sneezes chronic. Wells has been the forgotten man.

His father tells me that everything Ronald Lee does is in the paper. Wells laughs, "but that nobody ever hears about me. That's OK, though. I'm starting to get heard of out here, where it matters the most."

His story deserves to be heard. Wells has emerged as a legitimate All-America candidate on one of the country's great success stories, the U. of D. (as they're known in Motown) Titans. After suffering through the dark days of the tyrannical Jim Harding regime, the school is riding high at 10-1 and entertains post-season tourney hopes under the dynamic coaching of Dick Vitale.

And nobody is happier than Wells, who has traveled a circuitous route (English to Huntington Prep to Brighton Huron for a little item called a high school



The players in Super Bowl VIII at Houston's Rice Stadium on Sunday will come from the ranks of the opposing front four. Left, from top to bottom, Vikings' Carl Eller, Gary Larsen, Alan Fage and Jim Marshall. Right, same order, Dolphins' Bill Stoddell, Bob Hoan, Manny Fernandez and Vern Doo Barber.



... under chase, sniffling for now, will be quarterbacks Fran Tarkenton, Minnesota (left), Bob Griese, Miami. (AP)

'Godawful' training site galls Vikes

From Wire Services

HOUSTON—The first day of Super Bowl VIII preparations failed to pass without a controversy bubbling to the surface in the camp of the Minnesota Vikings.

An incensed coach Bud Grant blasted the National Football League for inadequate training facilities for the Vikings and said the Miami Dolphins had been given preferential treatment.

"This is shabby treatment," the normally quiet-spoken coach said. "This is the Super Bowl. It's not just another pickup game. Our facilities look like something the kids would have for a Saturday afternoon game."

Grant issued his heated statement after viewing facilities at the Delmar District High School stadium where his NFC champions have been quartered for the week. The AFC champion Miami Dolphins were assigned the more luxurious quarters of the Houston Oilers, which was walking distance of the hotel where they are living.

Grant indicated that he planned for his protest to go to the top — Comr. Pete Rozelle who still is in New York.

Jim Kennel, Rozelle's No. 1 assistant, said the problem is there is only one professional training site located in the Houston area. That facility is the Houston Oilers' practice field site and the Dolphins got to use that because the policy of the NFL always has been to give the city's pro facilities to the team representing the same conference. Thus, Miami had the preference because it is an AFC team, as are the Oilers.

"When the Vikings played in New Orleans in 1970, they had the facilities of the New Orleans Saints," Kennel said. "In Los Angeles last year, the Washington Redskins had the facilities of the Rams."

Kennel said the Vikings would be given the choice of moving to Rice Stadium, site of the Super Bowl, if they chose, but added, "that would be impractical."

"Miami can walk from its hotel to its field, but we have a 20-minute bus ride. And we don't have any blocking sleds and the Dolphins do," Grant muttered.

What is supposed to be the Viking locker room is one wide-open, cement-floored room with a basketball backboard at one end. Tables have been set up around the edge of the room for the players to dress at, with garment center-type racks on wheels to hang clothes on.

There is a table in the center of the room for Grant and his assistant coaches and that one doesn't even have a convenient rack.

Normally, newsmen are not allowed in the players' locker room, but Grant invited them in along with photographers to show off "the facilities."

"Look at this locker room. There are no lockers, no place to hang clothes," Grant said. "The league has had a whole year to make these arrangements."

Grant said he hoped the poor facilities would help the team's concentration. "It's harder on us, but we're not going to let it affect us. I would think it could give Miami an advantage, though."

Looking up at the backboard, Grant said: "I suppose we could shoot free throws here."

Pebble Beach puddles KO Crosby; Miller wins

Associated Press

PEBBLE BEACH, Calif. — Steady rains forced cancellation of yesterday's final round of the Bing Crosby National Pro-Am Golf Tournament and officials called off the weather-plagued tournament after 54 holes of play.

They did not make the decision to call off the tournament until late in the day. Earlier yesterday, the round had been postponed and another try at completing the twice-postponed event was scheduled for Tuesday.

After a late afternoon inspection of the water-soaked greens at the Pebble Beach Golf Club, Tournament Playoffs Division Commissioner Joe Dey decided to cancel the whole affair.

That means that players will be paid off on the basis of their 54-hole scores, and will receive 75 percent of the announced \$215,000 prize money.

United States Open champion Johnny Miller, who held a four-stroke lead through 54 holes, was declared the winner and will receive \$27,750 instead of the announced first prize of \$37,000.

Grier Jones was second with a 212 total. The group tied for third at 214 was made up of Rod Funsteth, Tom Kite, Bruce Summerhays and John Jacobs. Jack Nicklaus withdrew early in the day when it was announced that the round was being postponed. Since the final round will not be played, however, he will be paid along with all others in the field. Nicklaus withdrew from the fourth round, not the third.

Nicklaus, winner of the last two Crosby events and winner of his final two starts last season, tied for 24th and won \$1051.

The rain-shortened event also wrote an end to Tom Weiskopf's string. The British Open champion hadn't finished lower than sixth in a long list of tournaments dating back to last May. He tied for 32d here.

The tournament, which has a history of "Crosby weather," second postponed from the start. It was scheduled to go on a Thursday-through-Sunday format.

But a heavy winter storm hit Thursday, bringing rains, wind and some snow that forced cancellation of the round. Friday's play was held in the rain. Hail storms forced delays in Saturday's play and two dozen golfers were stranded on the course by darkness.

Sunday's round was played in occasional drizzle and cold. A night-long rain made the Pebble Beach Golf Links unplayable yesterday morning. The fairways and greens were flooded. Sand traps were filled with standing water.

diploma, and finally, to Detroit) on his way to his present fame and his hoped-for fortune. ("He's an excellent pro prospect as a forward," says Vitale)

Playing a first rate independent schedule, the 6-7 senior is averaging 21.3 points per game and is shooting 47 percent from the floor. In three head to head confrontations against All-America candidates (Michigan's Campanella, Russell, and the school's star, Larry Fogle), he has outscored and outrebounced each, getting 28 against Michigan and 26 (and 12 rebounds) against Campanella.

"The Fogles and Campy" Russells bring a little bit out of Owen," suggests Vitale. "He wants to prove he can play against these people, and he can."

Most importantly, Wells is at peace with himself. "It was very tough before," he says. "I had to drop out of Huntington Prep for personal reasons, and I only went to Detroit because I saw them on

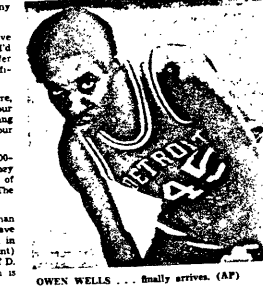
TV and they looked as if they needed any help they could get.

"When I got there they must have had 25 other players, and I thought I'd never play. I must have tried to transfer to another school, but I finally decided to stick it out."

"Now, everything is positive here, and, with the type of team we have, our success doesn't surprise me. We're getting more press and more people at our games."

That's for sure. Instead of the 1500-1800 fans at the Memorial Building they used to draw, they had turnouts of 5000 and 4400 the last two games. The kids are bound to be stimulated.

But none however, are happier than Wells, the kid who once didn't even have a diploma, and who now is majoring in history (with a preference for ancient) while hoping to make some more U. of D. history for himself before the season is over.



OWEN WELLS... finally arrives. (AP)

D. 24
BLACK YOUNG

Bet Vikings, pray for tie

HOUSTON — This is another world. They never heard of Crank, USA. Cars roar past at 78 mph on the freeway, racing the ball out of a New Yorker who has grown accustomed to 30. Gas station signs read 26c, 30c, and I get the feeling that if I stopped around 14 I find one giving free dishes. This is the Republic of Texas, headquarters of NASA, site of Super Bowl VIII.

Press HQ is the Hyatt Regency, new and garish, with strings of bright electric lights reaching skyward to trace the upward flight of glass-framed elevators. The place is a huge Christmas tree. Con Ed would bust a generator trying to keep it going.

From the money I'm saving on gas down here, I'll make a bet on the Super Bowl, as soon as I determine which of the coaches is leveling. The way they tell me the final score should be 37-nothing, favor the other.

The thing to remember when you bet on Super 8 is the overtime factor: Miami at the seven-point pick at the moment. This means that once the game goes into overtime, Minnesota is a lock. You bet Minnesota, and you sit in front of your set and root for a tie. As soon as they kick off to start the overtime, you laugh all the way to the ref's for another beer. At that point, the bookie doesn't even let you, because, if Miami scores a TD, the game is over.

Sudden death means that's it. Six points. Nobody hangs around for the conversion. It's not like in basketball, where everybody is walking off the floor but one guy stands at the line shooting fouls because the ref says he has it coming. In sudden death football, a team can score two points on a safety, and you need a field goal, or a TD, any one of them, and that's all she wrote. No extra points. Garo Yepremian can go home and start making money, or practice up on his passing.

I find people are betting Minnesota because they can't stand the Dolphins. These are the same people who couldn't stand the Yankees back when they were beating everybody four straight in the World Series. "I know they're going to win on a safety, and I know they're going to beat against them because I want them to get beat. It's nuts, I know." There are lots of nuts.

The Dolphins have reached the point where people think they are too good. That's a perturbing point. It aggravates Americans to see a team winning all the time. They can love a team losing all the time, can't they, Cap'n? But at the time are arrogant. Maybe the players aren't, but the team is, and there's nothing the players can do about that except lose. That's how they redeem themselves.

The Miami Yankees are a brilliant bore. They need a field goal to win? They get a field goal. They need a touchdown, they get a touchdown. They need two yards, Snake gets two yards. They need five, Mercury Morris gets five. Third and long, Grise sets up and runs 17, first down. Dull . . . dull . . . dull. Win . . . win . . . win.

In the past two years, the Miami record is 31-and-2. When they lost the first, after 18 straight, they didn't give up a TD to Oakland. What kind of a beating is that. They recently averaged the field goal gouging by methodically dissecting the Colts for the AFC title.

The other defeat was a giveaway, long after this season's division clinching. Bob Grise was given the day off to go fishing, and Earl Morrall took the stand in Detroit. Baltimore. It was an exhibition game that happened to be scheduled in December.

There is one sure way the Dolphins can be beaten again. They can go into one of their self-hypnotizing sessions. This happens when they are an efficiently monotonous they put themselves to sleep, as well as everyone else. It occurred recently, you'll recall.

They were leading Cincinnati in the playoff, 21-3. Within the last five minutes of the half, it became, astonishingly, 21-16. Touchdown . . . field goal . . . field goal. The Dolphins had grown a little too bored, a little too self-satisfied, a little too confident. Grise laid a football out in the first, bearing printed instructions, take me and take me to the Cincy corner back 4. A moment later, on the following kickoff, Merv Moran went over like his old brother to pick up the ball. When everybody else saw the Cincy had it inside the 5. Given the ball inside the 5 once or twice, Minny punt 7 would become an awfully good bet.

I don't want you to get the notion that I completely gave lost my sense of reality down here in the land of 95-cent gasoline and blazing lights. The decadents of the Alamo are sacrificing. They have gone on Daylight Saving Time.

Dick Young is a syndicated columnist for the New York Daily News.

Schoolboy highlights

Ballade remained unbeaten atop the Boston Conference with Paul Newton and Don Harrington scoring two goals each in a 7-1 drubbing of English yesterday.

Brighton maintained its grasp on second place, surviving a three-goal Dorchester third period for a 5-3 win as Ray Lyons and Joe Berkeley each scored twice.

Trade captain Bill Olenon scored on a 40-foot slap shot with 15 seconds left to cap a wild five-goal third-period comeback as Trade downed Jamaica Plain, 3-4. Jamaica Plain's Dave Cullen scored the hat trick . . . Rick Shuman's second period power play goal stood up and Everett added a third period insurance goal to down Bevers, 4-2, in Greater Boston League play.

Mike Kee did 50 yards in 3.8 and anchored the winning relay team as Blackie York defeated Latta, 33-33, in a non-league track meet . . . East Boston defeated Dorchester, 67-17, English prevailed over Christown, 48-29, and Brighton won over South Boston, 50 1/2 to 35, in Boston Conference track.

I hope . . . I hope . . . he hoops

SEATTLE — A newspaper advertisement urging the public to listen to the radio broadcast of the UCLA-Birmingham State basketball game last night said "Basketball. UCLA with Bill Walton vs WSU with Undermanned." But Hope, unfortunately, was a red UCLA won, 55-45.



For further Alex Koskowitz it's the tale of the yardstick as he measures Joe Foster for white jumpsuit.

Globe Ski Clinic draws hundreds Festive spirit at Boston Hill

By Monty Montgomery Globe Staff

NORTH ANDOVER — All kinds of energy were expended here last night about 98 percent of it people power, as the annual Globe-Boston Hill Ski Clinic introduced hundreds of novices to the gentle art of sliding downhill.

The night of free skiing also drew a crowd of more or less proficient skiers who just wanted to schuss on the excellent man-made snow on the lower 80 percent of Dun's Run.

They came early and came late for the classes at 8 and 9 p.m., and a hardy group of professional instructors introduced them to everything from pure snowplows to pure parallelism.

There was a mild red rain, and a considerable number of people with Christmas skis that had not trekked up to the big mountains, either because of the energy crisis, the snow crisis, or because everyone was staying home waiting for Kobuslek to appear.

The two sets of hour-long classes included instructions from side-stepping to parallel mogul skiing. The snow was perfect for stem and snowplow turns, a little grabby as the man-made stuff will be, and gently moguled. There was a good bump to start a turn on from the top down, and many participated.

Skiing is the one form of locomotion where a direct line is not the shortest way between two points, and the night was ideal for demonstrating and practicing.

Ice fails Whalers; twin bill tonight

By Tom Fitzgerald Globe Staff

A lot of unusual things keep happening to the Whalers. The latest twist developed last night when the unplayable condition of the Garden ice surface caused postponement of the game against the Toronto Toros.

As a result, the club will try again this evening as part of an unprecedented doubleheader with the Boston Braves who have a regularly scheduled American Hockey League date with the Baltimore Clippers.

The Braves will go on first at 6, with the Whalers and Toros facing off at 8:30. Howard Baldwin, president of the Whalers, offered a compensatory ticket arrangement for the 4000 fans in the building when the postponement was announced 45 minutes after the original starting time.

Anybody with a ticket for the Monday game can present the stub to see both Tuesday games. Or he can retain that stub and exchange it at the Statler Building office for a ticket to another Whaler home game. Holders of tickets for the Braves-Clippers game can exchange them this evening for Whalers tickets at the Garden box office.

The problem that forced the postponement apparently was created by the unusually adherent texture of the white paint used to cover the surface during the ice Capades, which closed Sunday night.

"We followed the same procedures we have for years after the ice show," said Kingsley Brown, vice president in charge of building operations. "We started work on the ice around midnight, and were working on it for 19 hours. During the course of that time, the crew used 12 blades on the Zamboni, because of the stickiness of the paint."

There were deep gouges in many points of the rink. While a deep flood was sprayed by hand, the water covering the deep spots failed to freeze even under greatly reduced temperatures of perhaps four above zero.

There were also places, including a pier in front of the east end net, where white paint was still on the surface.

In the hours preceding the postponement, Baldwin was touch with officials of the Garden, and the decision was made by Charles Mulcahy, vice president. Baldwin expressed disappointment.

"It is understandable that there can be problems in a building like this," he said. "I was disturbed mostly because I was never informed of any difficulty until I arrived at the Garden, even though the problem had been evident during the day."

Kevin Walsh, publicity director for the Whalers, said the advance sale for last night's game was \$300 on Friday. He estimated that the attendance could have exceeded 8000, providing one of the New England team's largest crowds of the season.

As it turned out, the Toros couldn't win any way. Trainer Larry Athley discovered that the visitors' locker room had broken into. Stolen were a \$50 goalie glove and six jerseys valued at \$54 each.

COLLEGE HOCKEY Six-goal explosion blasts Vermont past Northeastern

Wille McKinnon and Ted Castle each scored three goals as Vermont exploded for six third period goals to rout Northeastern, 6-2, last night at the arena.

The victory was the eighth for Vermont against 90 losses while NU now sports a 4-8-1 record.

The first of McKinnon's three goals, at the 17:56 mark of the second period, proved the game winner as Vermont scored three times in that frame after 60 losses had battled through a scoreless first period.

Cliff Cox's third goal broke a 3-3 tie midway through the final period as New Hampshire downed UPI 7-5, to remain in first place in the ECAC's Division I.

The win was the 11th for UNH against five losses. New Hampshire boasts a 7-3 Division I record.

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Ski & Stay NEW ENGLAND

This Guide appears in The Globe Tuesday and Wednesday morning, all day Thursday, and Saturday morning.

MASSACHUSETTS
NEW HAMPSHIRE
VERMONT

NEW HAMPSHIRE
VERMONT

ALPINE 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

BARTLETT HOTEL 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

EDMUND HOTEL 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

EASTERN SPORTS & GOLF 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

THE EASTERN SLOPES INC. 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

OAKEN YOKO INN 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

NEW BRICK MOUNTAIN MOTEL 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

NO COLONY MOTEL 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

BALTIMORE WILDERNESS 1000 ft. Skiing, snowshoeing, cross-country skiing, ice skating, sledding, tobogganing, winter fishing, winter hunting, winter hiking, winter biking, winter golfing, winter tennis, winter badminton, winter table tennis, winter chess, winter checkers, winter backgammon, winter pool, winter billiards, winter darts, winter cards, winter board games, winter puzzles, winter games, winter entertainment.

VERMONT

Hartford snaps Bentley streak

Unheralded Hartford, sparked by the 22-point performance of 4-5 junior center Peter Egan, ended Bentley's 15-game winning streak, 95-82, last night in the championship game of the West Palm Beach Atlantic Invitational Tournament in Florida.

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SCOREBOARD

Canadiens deflate Flyers in 2-1 brawl

The Canadiens defeated the NHL West-leading Flyers, 2-1, at the Forum last night in a game that lasted two hours and 45 minutes and nearly broke out into a full-scale riot in the first period.

The melee stemmed from a tripping penalty called against Philadelphia's Bobby Clarke. Montreal's Yvan Cournoyer and Jim Watson were then penalized for high-sticking each other.

Clarke got into an argument with Montreal coach Scotty Bowman and attempted to climb out of the penalty box to get at Bowman, but he was restrained by police.

All the Philadelphia players who were on the ice at the time, plus those sitting on the bench with the exception of Rick MacLean, rushed to the Montreal bench adjacent to the penalty box.

Relative calm was restored after a shouting and shoving match, and referee Bob Myers did not commit any further penalties.

One-licking scored the first Montreal goal on the power play at the 5:28 mark of the first period. Murray Wilson scored what proved to be the game winner after 40 seconds of the second period.

Simon Nolet posted the lone Philadelphia goal at 4:49 of the second period.

Darryl Sittler scored two of his three goals within a 35-second span in the third period to lead the Maple Leafs over the Flames, 6-2, at Toronto.

Rick Kishan, Ron Ellis and Mike Pelyk got Toronto's other goals.

Lawson scored his 20th goal late in the first period, added his first in the second and scored the eventual winning goal 1:54 into the final period. It was his third hit trick of the season as he leads the WHA in goals.

Wayne Rivers scored two goals for the Knights who removed goalie Jim Junkin for the final minute and a half of the game, but could not beat Vancouver goalie Pat Donnelly.

NHL standings

East Division	
BOST.	24 9 4 64 187 96
Montri.	22 9 8 50 180 101
Rangers	11 11 9 42 141 123
Toronto	10 14 7 46 146 116
Buffalo	10 16 4 43 154 128
Detroit	10 20 4 24 129 102
Islanders	8 11 17 101 167
Vancouver	8 23 7 53 181 147

NHL goalies statistics

Goalie	Team	Games	Goals	Assists	Points	Penalty Minutes
...

Whalers scoring

Player	Goals	Assists	Points
...

Colleges

Team	Score	Opponent
AP College Hockey Fall
AP Basketball Fall

LAST NIGHT'S RESULTS

Montreal 5 Philadelphia 1
Toronto 6 Atlanta 2

TONIGHT'S GAMES
Los Angeles at Islanders
St. Louis at Vancouver

Bruins scoring

Player	Goals	Assists	Points
...

NHL scoring

Player	Goals	Assists	Points
...

Maple Leafs, 6-2

Four goals in the first period, including a hat-trick by Darryl Sittler, led the Maple Leafs to a 6-2 victory over the Calgary Flames at Toronto last night.

NHL home, away records

Team	Home	Away
...

NBA standings

EASTERN CONFERENCE	
...	...

WHA standings

East Division	
...	...

Celtics scoring

Player	Goals	Assists	Points
...

Western Conference

Western Conference	
...	...

WHA scoring

Player	Goals	Assists	Points
...

Braves scoring

Player	Goals	Assists	Points
...

Ski reports

COMPACTNESS WITH THE PISTON 4.0...
NEW SKIERS...
Skiing conditions were generally good across the country, with some snow in the West and East.

Transactions

NEW YORK REDS...
LOS ANGELES...
Several players have been traded between teams in the NHL and WHA.

Transactions

NEW YORK REDS...
LOS ANGELES...
Several players have been traded between teams in the NHL and WHA.

AHL standings

North Division	
...	...

Tennis

New Zealand Open...
Several tennis matches were held in New Zealand, with local players competing for the title.

NAHL standings

NAHL Standings	
...	...

BNHL results

Several BNHL games were played, with various teams competing for the championship.

CAMP TRAILER SUPPLIES

Various supplies for camp trailers are available for purchase.

Sports events on TV-radio

HOCKEY-Whalers vs. Toronto, Ch. 54, WHDR, 8:30 p.m. Boston College vs. Harvard, WBOS-FM, 9:17, 7:20 p.m.

Bentley, 90-55

Bentley defeated their opponent with a score of 90-55.

UConn, 66-58

UConn defeated their opponent with a score of 66-58.

Northeastern, 55-54

Northeastern defeated their opponent with a score of 55-54.

Providence, 87-77

Providence defeated their opponent with a score of 87-77.

MIT loses, 79-71

MIT lost to their opponent with a score of 79-71.

School results

Track... Hockey... Various school sports results are listed.

Other racing on Page 23

Yesterday's results at Gansett...
Skiing... Various racing results are listed.

COLLEGE HOCKEY
BOSTON COLLEGE VS HARVARD
TUESDAY JAN. 14, 7:30 P.M.
AT THE HUGHES FORUM ON B.C. CAMPUS
\$3.00-\$2.50
SEATS \$15-\$1000
For better locations 969-0100

GENERAL TIRE
Champion Tune-Up Special



\$27.25
PARTS AND LABOR

Add \$2.00 for 1961 Conditioned Cars
Restore lost power with an expert tune-up

- Champion spark plugs
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2 for \$28

Change it at General Tire

GENERAL TIRE SERVICE
800 Commonwealth Ave. (Opp. Comm. Library) Boston
731-2200
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Thursdays

Sooner or later, you'll own General.

p. 26 FINANCIAL

THE FAMILY MONEY

Tax provisions for the over-65 home seller

By Alexander A. Bove Jr.
Special to the Globe

Q. I am over 65 and plan to sell my home this year. In a recent FAMILY MONEY column you discussed tax treatment on the sale of a home, but stated that different rules may apply if the taxpayer were over age 65. Can you explain that?

R. M. Danvers

A. If you are over age 65 and sell your home at a profit, all or a part of the gain on the sale (or exchange) may be tax-free, regardless of whether you purchase another home. To be eligible for the tax-free option, you must meet two tests:

First, you must be over age 65 at the time of the sale. If the day of the sale falls on your 65th birthday you will not qualify. It is permissible to enter into a purchase and sale agreement prior to that time, as long as the actual conveyancing (formal passing of title) takes place after your 65th birthday. If you are married and the property is in joint names (and you file a joint tax return for the year) only one of you must meet the age test; however, both spouses must agree to take the option.

Second, you must have owned and occupied the home as your primary residence for at least five out of the eight years prior to the time of the sale. However, the five years need not be consecutive, and periods of vacations, illness or other brief, temporary absences are not counted against you.

The tax-free portion of your profit is based on the "adjusted sales price" of your home. The adjusted sales price is the amount you receive (after commissions and legal fees) minus the fix-up costs to prepare your home for sale. (Fix-up costs must be for work completed within 90 days before the contract for sale and paid within 30 days after the sale.) If the adjusted sales price is \$20,000 or less, the entire gain will be tax-free. Once the adjusted sales price exceeds \$20,000 the tax-free amount is the proportion that \$20,000 bears to the adjusted sales price. For example, you meet both requirements above and you and your wife have sold your home for \$35,000. You purchased the home 10 years ago

for \$18,000 and added \$3000 for improvements for a total cost of \$21,000. There were no fix-up costs, but broker's commission and legal fees totalled \$2500. Your tax-free and taxable gains are figured this way:

Selling price	\$32,000
less commissions and legal fees	2,500
Amount realized	\$29,500
less fix-up costs	0
Adjusted sales price	\$29,500
Total profit (\$29,500 less \$20,000)	\$9,500
Tax-free portion (rate of \$20,000 to the adjusted sales price)	\$4,000
(\$20,000 ÷ \$29,500 = 67.8%)	
Taxable gain (\$9,500 less \$4,000)	\$5,500

The balance of the profit (\$9,500-\$4,000) or \$5,500 will be taxable gain.

It is possible to defer the taxable gain by purchasing another home for an amount equal to the adjusted sales price of your old home minus the amount of the tax-free portion of the gain.

In the above example, if you purchase another home for at least \$23,500 (\$29,500 less the tax-free gain of \$6,000), you may be entitled to defer the taxable gain under the rules discussed in FAMILY MONEY article of 10/26/73.

The election to take the tax-free gain may only be used once in your lifetime and it must be made in a detailed statement attached to your income tax return. The Internal Revenue Service has provided Form 2119 which should be used to report such a sale.

If you have already sold your home and failed to take advantage of the election even though you qualified, you may still make the election by filing an amended income tax return, provided the amended return is filed within three years of the due date of your tax return reflecting the year of the sale.

Send your questions on family money matters to: The Family Money Editor, The Boston Globe, Boston, Mass. 02107.

EXECUTIVE CORNER



Mary L. Scully of Readolph has been elected a vice president of Quince's Colonial Federal Savings and Loan Assn. Miss Scully, a town meeting member in Readolph, was previously treasurer of the institution which has branch offices in Hallowbrook and Wareham.



Claire L. Freniere has been elected a vice president of the Cambridge Trust Co., Cambridge. A Wellesley resident of North Cambridge, Miss Freniere has been with the bank since 1942 and was an assistant treasurer prior to her recent promotion.

STATE STREET BANK and TRUST CO. announced appointments in the following divisions:

Personal trust — David K. Dresser, Frederick P. Stone and George L. Needham, senior trust officers; George W. Frutkin, assistant trust officer.

Credit and loan — Kenneth R. Brenner, assistant treasurer; Karen S. Camp, loan officer.

Customer services — Cynthia C. Edwards, C. Victor Rice, officers.

Corporate planning — Lowell L. Bryan, manager, corporate development.

Fund flow — Allan H. MacDonald, Kathleen A. Dodds, assistant treasurers.

Depositors' service — John W. Maloon, Charles L. Short Jr., assistant vice presidents; Mary E. Olson, Robert F. Reed Jr., assistant treasurers; Donald F. McCracken, assistant secretary.

THE NATIONAL SHAWMUT BANK OF BOSTON announced appointments to the following divisions:

Trust — Peter A. Wilson, vice president; Eliza W. Kerr, pension trust officer; Charles R. Egan, investment officer.

Data processing — Winthrop L. Glazier, systems officer.

Personnel — Barbara J. Cushing, John F. Refo, assistant vice president.

HOWARD JOHNSON CO. Bramtree — Burton M. Sack, vice president, specialty restaurants.

EPSCO INC. Westwood — John D. Scanlan of Wilmington, assistant controller; Harold Geranahoff of Wayland, government sales manager.

These accounts have been placed privately with institutional investors. This advertisement appears as a matter of record only.

\$6,000,000

Valle's Steak House

8 1/2% Senior Secured Notes Due 1993

Paine, Webber, Jackson & Curtis
Incorporated

January 1, 1974

Corporate reports ...

N.E. Merchants

New England Merchants Co. Inc., parent company of New England Merchants National Bank of Boston, reported net operating income for 1973 of \$6.9 million or \$2.84 a share compared with the prior year's operating net of \$6.2 million or \$2.51 a share.

Net income after securities transactions was \$6.5 million or \$2.66 a share versus \$6.3 million or \$2.58 a share.

For the fourth quarter ended Dec. 31, the company reported net operating income of \$2 million or \$2 cents a share versus \$1.9 million or 78 cents for the same period a year ago.

Fourth-quarter net income after securities transactions was \$1.97 million or 78 cents a share.

UST Corp.

UST Corp. of Boston, parent company of United States Trust Co., reported net operating income for the year ended Dec. 31 of \$927,848 or \$8.27 a share versus the prior year's net of \$904,031 or \$8.27 a share.

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and **Wags**
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BUY A
SPACE BLDG.
8427 TRAVELER
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Regularly pays interest on all deposits. Minimum deposit \$100.00. No charge for opening a new account. Free of charge. Withdrawals at any time. No restrictions. Withdrawals at any time. No restrictions. Withdrawals at any time. No restrictions.

EGGS and POULTRY		\$ EXCHANGE	
EGGS	1.10-1.15	AGRICULTURE	1.10-1.15
POULTRY	1.10-1.15	INDUSTRIALS	1.10-1.15
...

A report on service to every business that ever got mad at the phone company.

Nothing is more annoying than having your telephones out and then waiting and waiting to get service at the phone company's convenience. That problem vanishes with a Communication phone system. When you need help, we hurry to work at your convenience. We're a competitive organization, not a monopoly. So, when we promise lower phone costs, we deliver. When we promise more phone features, we deliver.



CORBON & BLACK, BOSTON
"We were being hit with a very, very noticeable increase in cost every time the phone company was to the O.P.U. reports the president of Corbon & Black. Our telephone company recommended Communication and we were very pleased with the equipment and service." **Richard Walker, vice president, Phone service a vital to these monumental insurance brokers — the last moving group had double the business in six months. "Our business is going great."**

SHAWMUT BANK, BOSTON
"We are being hit with a very, very noticeable increase in cost every time the phone company was to the O.P.U. reports the president of Shawmut Bank. Our telephone company recommended Communication and we were very pleased with the equipment and service." **Richard Walker, vice president, Phone service a vital to these monumental insurance brokers — the last moving group had double the business in six months. "Our business is going great."**

Communication
Telephone & Communications

322 Main Street
Boston, Mass. 02110
Tel. 753-1771

10 Devonshire Street
Providence, R.I. 02903
Tel. 231-4014

100 North Main Street
Providence, R.I. 02903
Tel. 231-4014

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How'd you like to double your money?

Enclosed is \$_____ for the purchase of Suffolk Franklin 9-year, 2-month Saving Certificate(s) of Deposit (\$1,000 minimum, \$10,000 maximum). Make check payable to Suffolk Franklin Savings Bank.

If you wish to have funds transferred from another bank, call us or visit any of our 12 offices.

Mail to: Suffolk Franklin Savings Bank, 45 Franklin Street, Boston, Mass. 02110.

Your Signature(s) _____

Registration of Certificate
Name _____
Jointly with (if applicable) _____
In trust for _____
Please mail to:
Address _____
City _____ State _____ Zip _____
Social Security or Tax ID No. _____
Date _____

Then sign on the dotted line.

Suffolk Franklin's 9-year, 2-month Saving Certificates pay the highest rate allowed by law: 7.5% effective yield on a per annum rate of 7.3%.

Which means that \$1,000 when held to maturity is worth \$2,007.67.

You've doubled your money.

And that promise, and every penny deposited is insured in full. Our 6, 7, 8, 9, and 10-year Saving Certificates also offer the same high rate and yield. Shorter term Saving Certificates, ranging from 1 through 5 years and paying attractive rates are also available.

What's more, you can take advantage of Suffolk Franklin's double your money back guarantee by simply signing on the dotted line. We'll take care of all details if funds are being transferred from other banks.

Minimum investment is \$1,000. Maximum is \$10,000. Interest is paid from day of deposit, compounded daily and is guaranteed when held to maturity.

Just fill out the coupon with the amount you'd like to invest. And then multiply by two.

Suffolk Franklin's 9-year, 2-month Saving Certificates. Guaranteed to double your money.

*Federal regulations require a substantial penalty if all or part of the deposit is withdrawn before maturity; the rate of interest on amounts withdrawn or transferred is reduced to the regular savings account rate and 3 months' interest is forfeited.

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A mutual savings bank.

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Symbol	Price	Change
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NYSE BONDS

Table of NYSE Bonds with columns for bond name, price, and other financial details.

Table of NYSE Bonds with columns for bond name, price, and other financial details.

NYSE

Cont from preceding page... NYSE market news and commentary.

Table of NYSE Stocks with columns for stock name, price, and other financial details.

AMEX BONDS

Table of AMEX Bonds with columns for bond name, price, and other financial details.

OVER-THE-COUNTER

Table of Over-the-Counter Stocks with columns for stock name, price, and other financial details.

Table of Additional Local OTC Stocks with columns for stock name, price, and other financial details.

MUTUAL FUNDS

Table of Mutual Funds with columns for fund name, price, and other financial details.

Vertical text block containing various market news and announcements.

Table of Boston Stock Exchange data with columns for stock name, price, and other financial details.

Table of High/Low prices for various stocks.

Obituary notice for Harold H. Woollard, dated Sunday, January 6, 1964, by Adams, Harkness & Hill, Inc.

Advertisement for University Bank & Trust Company, featuring 'The Free Duet Account' and a form for account opening.

AMERICAN STOCK EXCHANGE

Main body of financial news and market commentary, including reports on market activity, analyst views, and company news.

Continuation of financial news and market commentary from the left column.

AMEX SCOREBOARD table showing market statistics: What stocks did (Advances, Declines, Unchanged), Most active stocks (Treas Int, Wright Ind, etc.), and Percentage leaders (Rosenau B, Elect Corp, etc.).

COMMODITIES table listing prices for various goods such as Wheat, Corn, Soybeans, and other agricultural products.

Advertisement for Casadata featuring the headline 'TIME ON OUR HANDS CAN MEAN MONEY IN YOUR POCKET' and details about computer equipment and services.

Advertisement for Northland Industrial Rental Co. with the headline 'NEED A LIFT?' and listing services for forklifts and other equipment.

Advertisement for Pandick Press, Inc. with the headline 'PANDICK PRESS, Inc. The FINANCIAL PRINTER' and contact information for Raymond E. Briggs and Robert F. Greene.

THE ARTS



John Watson and Jeanne Rixson turn their backs, both literally and figuratively, on each other in "Suppose I Fall," theatrical exploration of age-old sexual skirmish, weekends at Caravan Theater.

'Suppose I Fall' reopened with new cast, new sketches

By Carolyn Clay Globe Staff

STAGE REVIEW

In the spring of 1973, Stan Edelson and the Caravan Theater opened a play called "Come Closer, You're Reminding Me." I hated it. "Come Closer" reminded me of those Rod McKuen records with the crashing cymbals and just great if you're in the market for easy answers to a pandering bluck at the old heart strings.

About a year later "Come Closer" resurfaced as a work-in-progress. Basically, it was the same old, but more-or-less excused as a work-in-progress. But, it had been changed into a more theatrical form. The characters were not given richer personalities, and the situations in which they were involved became more general. Still the play resembled the role-playing department of a group therapy session.

Last fall Edelson reopened the play at the Caravan Theater with a new cast, several new sketches, and the word was that it was a "new" play. It's not. "Suppose I Fall" has been dolled up a little, honed into a more people-entire, and a few of the twenty-odd sketches have ingeniously staged. But it's still "McKuen-ese" — not just in the simplicity of its language, so ponderously delivered, but in the assertion that there might be some ANSWER to the intricately woven tangle that surrounds our human relating.

"Suppose I Fall" is a series of short vignettes, some more fully developed than others, aimed at putting a finger on our common problems — those of men and women who have sought to relate to one another, just about everybody. And it is impossible not to identify with the feelings behind "Suppose I Fall." Most of us have, indeed, felt jealous and insecure in trying to adjust our personal hopes and emotional responses to the "new morality," the new string-attached school of loving. (Most of us also might parade them across



Jeanne Rixson joins the Caravan Ensemble in their latest production, "Suppose I Fall." After next production, "Kafka" will be listed outside, and returned to find a lively art

STAGE REVIEW

spring and are thinking of revisiting. I can't tell you it's a brand new ball game. But the new sketches, notably one about an alien-robot called "The Transparent Woman," do augment the work. And it is fascinating to observe the ways in which an entirely new cast will subtly change and rearrange things. The four actors, Bob McCarthy, Joanne Rutledge, John Watson, and Cynthia Whitman do some nice work and it is largely their personalities that impose a structure on the loosely-tied series of vignettes.

"Suppose I Fall" does, I believe, get better as Edelson and company work at it, attempting to incorporate audience reaction and comment into their play. But in the end it strikes me that they are whitening the same place of some over and over, essentially. Why not get another slice of soap and try your slices on that, folks?

Video art explores esthetic potential

When I feel about television the way Cotton Mather felt about original sin, I'm probably not the ideal person to let you know what happens in the traveling show of contemporary video art called "Circuitus," at the School of Boston Museum of Fine Arts, 230 The Fenway, through Feb. 9. I don't own a TV — a confession that stamps one as a mob in some circles and a freak in others (in my eyes, I'm a saint of the energy crisis) — and decries everything about the medium annoys me, from the arbitrary nonlinear screen to the pomposity of its philosopher-kings. "Circuitus in Boston," despite these curmudgeonly growls, is a fascinating event.

The exhibition, sponsored by the MFA's Department of Contemporary Art, is the most recent of the moment, around a counter sparkle with genuine. I can't pretend that I've seen more than a fragment of this variegated spectacle. In fact I spent a tedious hour and a half with the films of Richard Serra who accents the verbal as in a polemic titled "TV Deliverers People," or else utters accurate notation of his approach, "Hands Catching Lead," "Hands Tied," "Hands Scraping," "Hands Ensembles in their Own Automatism." After "The World of Parable," of the collaborators who which opens Thursday, and returned to find a lively art

By Bob Thomas Associated Press

\$10m 'Exorcist' tab doesn't faze director Friedkin

LOS ANGELES — When a director starts a film with a \$4.5 million budget and spends \$10 million, you would expect the studio to be outraged. Not when the director is William Friedkin and the picture is "The Exorcist."

"I still don't know how much 'The Exorcist' cost," says Friedkin, who won the Academy award two years ago for "The French Connection" and is a frontrunner in this year's race.

"I'm ready in the trade papers that it cost \$10 million, and that may be true. Nobody has told me, and it really isn't my concern. I spent what I had to spend to make the picture the best way I know how. Warner Brothers must not have objected, because they never said so when I asked for more money."

The reason why Warner Brothers did not explode may well have been the record of "The French Connection." Made for \$11.8 million, it has brought

30th Century-Fox a profit of \$22 million in the US and Canada and \$12 million abroad, plus a \$2 million television sale.

On the basis of only one week's returns in 25 cities, Warner sales manager Leo Greenfield predicted that "The Exorcist" (at the Cinema 57 in Boston) will be the biggest grosser in the company's history. He has predicted a minimum of \$25 million domestically.

All that is very pleasing to 34-year-old Bill Friedkin, but not entirely unexpected. A Chicago boy, he started in the mailroom at WGN-TV and two years later was directing television shows. He was still in his 20s when he directed his first feature, "Good Times," an undiscovered sleeper that starred Sonny and Cher.

Friedkin's film-making formula is simple: "I try to

make the best picture ever made. I go for the most I can get: all the reviews, all the box office, all the awards. I don't always succeed, but I try."

A handsome, chinky man with intense eyes behind tinted glasses, Friedkin added that he aims for his film to make the audience participate — to laugh or cry or be scared. "The Exorcist" has already established its ability to scare.

At the first showing of the film for Motion Picture Academy members, a nation of young ladies and a couple of men found the going too rough and spent part of the time in the lobby. "The Exorcist" is indeed explicit in the scenes in which the devil takes over the body of a 12-year-old girl.

\$10m 'Exorcist' tab doesn't faze director Friedkin

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SUBURBAN THEATRES

CLAREMONT Circus 1234	ROSELAND The Exorcist 1234	ROSELAND The Exorcist 1234	ROSELAND The Exorcist 1234
ROSELAND The Exorcist 1234	ROSELAND The Exorcist 1234	ROSELAND The Exorcist 1234	ROSELAND The Exorcist 1234
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ON SAT. FEB. 10



Jean Gabin and Michèle Morgan star in 'Port of Shadows' from new Museum of Fine Arts series 'French Film of the Thirties' Jan. 7-March 1.

Museum of Fine Arts to show 'French Film of the Thirties'

Famous French faces from the thirties will appear on the screen at the Museum of Fine Arts Jan. 17 through March 1. Comedies, musicals, costume dramas and gangster films suggest the variety of subjects brought together by the Museum's winter series 'French Film of the Thirties'.

Jean Gabin, Raimu, Michèle Morgan, Michel Simon and Annabella appear in the roles which made them famous. Classics by the great directors—Renoir, Clair, Pagnol, Carné and Vigo—vividly recall the decade when sophisticated American audiences were dazzled by the first sound films from abroad.

Film times

ARCADE CINEMA - 'The American Girl' 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30.
ARCADE CINEMA - 'The American Girl' 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30.
ARCADE CINEMA - 'The American Girl' 10:30, 12:30, 2:30, 4:30, 6:30, 8:30, 10:30.

Tea Party plays at Inman Square

The Boston Tea Party, a satirical political revue, was created by the director and cast of 'The Proposition'.

James Paul guests with Philharmonia

James Paul, guest conductor at the Boston Philharmonia's concert at the Boston Center for the Arts Sunday night, pleasantly recalled these famous photographs of Beethoven—scent, energetic, bemused.



Pierre Auguste Renoir's 'Portrait of Coco'

Renoir donated to MFA

Boston has a marvelous 'new' impressionist painting—Pierre Auguste Renoir's 'Portrait of Coco' (1908).



Members of the Oxford and Cambridge Shakespeare Companies will present 'Romeo and Juliet' Jan. 4-12 at the Lamb House, Lower Harvard University.

'Don Quichotte' returning

Sarah Caldwell recently produced the first lady of the stage in two national magazines—'Don Quichotte'.

Various small advertisements including 'CAROL SPANNING', 'AMORE GROWTH JESSICA', and 'NOEL HOWARD'.

Advertisements for 'LAST 7 PERFE', 'GOOD NEWS', 'STURBY KAYE', 'SHANGHAI', and 'MAN OF IRON'.

Advertisement for 'Wayland House' featuring a 'FREE' offer and 'LUNCHEON BUFFET \$2.50'.

Advertisement for 'THE DAY OF THE DOLPHIN' by George C. Scott and Mike Nichols, featuring Robert Taylor.

Advertisement for 'CLAUDE LELOUCH'S HAPPY NEW YEAR'.

Advertisement for 'BOSTON SYMPHONY ORCHESTRA' featuring 'TONIGHT AT 8:30' and 'WILHELM STEINER CONDUCTOR'.

Advertisement for 'THE STING' featuring 'PAUL NEWMAN', 'ROBERT REDFORD', and 'JOHN PAYNE'.

Advertisement for 'THE CAPTIVE FEMALE' featuring 'WILLIAM HERTZBERG' and 'THE EXORCIST'.

Advertisement for 'THE SEVEN-UPS' featuring 'WALTER MATHEWS' and 'Diane Allen'.

Advertisement for 'Elizabeth Taylor' featuring 'Ash Wednesday'.

Advertisement for 'STREISAND & REDFORD THE WAY WE WERE'.

Advertisement for 'RAINBOW JONES' featuring 'LAST 2 WEEKS' and 'TONIGHT AT 7:30 PM'.

Advertisement for 'STEVE BASTIN' featuring 'ROBERT REDFORD' and 'JOHN PAYNE'.

Advertisement for 'THE CAPTIVE FEMALE' featuring 'WILLIAM HERTZBERG' and 'THE EXORCIST'.

Advertisement for 'THE SEVEN-UPS' featuring 'WALTER MATHEWS' and 'Diane Allen'.

Advertisement for 'Elizabeth Taylor' featuring 'Ash Wednesday'.

Advertisement for 'STREISAND & REDFORD THE WAY WE WERE'.

Collusion possible in Kent shootings, jury told

Associated Press

CLEVELAND — A former National Guard officer told a grand jury yesterday that shooting at Kent State University may have been the result of a possible collusion or some spontaneous incident.

Michael Delaney was interviewed after he testified

before a Federal grand jury investigating the deaths of four students on May 4, 1970. Delaney said there may have been a decision by officials before the incident to fire weapons if the antiwar demonstrators got out of hand.

Delaney said photographs of the confrontation showed the troops and demonstrators were separated, and he had found no motive of self-defense on part of the Guard.

Delaney said former Ohio Gov. James A. Rhodes refused to close the campus after being warned of potential violence. He said Rhodes ordered Guardsmen to take any steps necessary to keep the campus open, even if they had to put an armed guard in each classroom.

New glue so effective it's a hazard

By Robert J. Anglin
Globe Staff

The US Consumer Product Safety Commission yesterday said it has moved to halt distribution of at least 10 brands of a glue that bonds so strongly and so quickly it can be extremely hazardous.

A handyman or child, for instance, who spills a drop of the glue on a finger and then touches an eyelid could end up with his finger stuck to his eyelid or his eyelids cemented together.

The glue, known by the general name cyanoacrylate, was originally developed for surgeons to cement body tissues during operations.

There may be more than a million tubes on the market under perhaps 20 different brand names, the commission said.

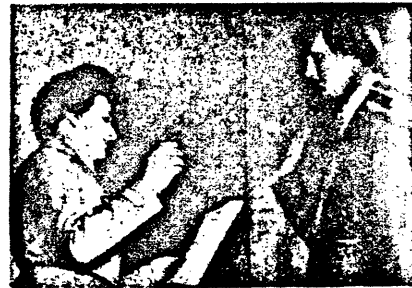
Consumer Union asked the agency to move against the product because it said the super-strength could injure persons whose fingers became bonded together or stuck to other parts of their body, requiring medical help to free them.

Commission chairman Richard O. Simpson said at a news briefing in Washington yesterday that in the process of checking on the alleged hazard the panel discovered that at least two brands of the glue, Krazy Glue, the top seller, and Permabond 101 — did not carry required label warning that they can cause eye irritation.

The commission said it would hold a public hearing later to determine if the hazards mentioned by Consumers Union require action. In the meantime it is telling the manufacturers of 10 brands, including the two it first listed, that they are in violation of the law for having inadequate labeling and should halt distribution and recall the product.

Simpson said the glue "has the feature of gluing almost anything to anything it's a good, all-purpose glue. The problem is, maybe it's too good."

Other brands and their manufacturers or distributors are: Rapid Set, from Arm Dee Associates Ltd., Warwick, R.I.; Zip Grip, from Devcon Corp., Danvers, Superbond, from Devcon Corp., Newton, Mass.; Eastman 910, from the Eastman Co., Kingsport, Tenn.; Super Three Cement, from Three Bond of America, Inc., Los Angeles; Zip Bond, from Tesco Corp., Minneapolis, and two brands from Oesida Electrical Mfg. Co., Meadville, Pa.—One Drop and Oesida Instant Weld.



Stephen J. Erickson, 22 the youngest man ever to be elected mayor of a Massachusetts city, is shown in an mayor of Gardner in City Hall yesterday. City Clerk Gene Paschke administered oath of office to Erickson, who was graduated last month from the University of Massachusetts at Amherst. (UPI)

2d rare molecule found in comet, faintness puzzles astronomers

United Press International

WASHINGTON — A second rare molecule previously found only between the stars in the Milky Way galaxy has been discovered in the rapidly dimming comet Kobuchik, the US space agency reported yesterday.

The comet looped around the sun Dec. 28 and will pass about 75 million miles from Earth Jan. 15 as it cruises out of the solar system. It crossed the orbit of Mercury yesterday and will be 97,660,000 miles from earth and 43,940,000 miles from the sun, tomorrow.

The presence of hydrogen cyanide in Kobuchik was discovered by Dr. Lewis Snyder, David Buhl and Walter Huebner of the National Radio Observatory at Kitt Peak, Ark. They indicate that particles of ice and sand grains or larger are being released from the head of the comet.

Hydrogen cyanide has never before been observed in comets. Another team of scientists at Kitt Peak earlier reported detecting radio emissions from molecules of the gas methyl cyanide, also seen for the first time in a comet.

In addition to the detection of the two cyanide molecules, Mars said, another important discovery about the comet came from observations conducted by the three Skylab 1 astronauts.

They reported sighting a spike-like phenomenon which Dr. Vánek Belánek, of the Smithsonian Astrophysical Observatory in Cambridge, Mass., believes indicates that particles of ice and sand grains or larger are being released from the head of the comet.

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Dr. Thomas Hayes, the North Andover surgeon who said yesterday he is quitting his practice in protest against a new Federal law regarding hospital staff, fails to understand the law, Melvyn E. Seawell, assistant commissioner of public welfare in charge of Medicaid, said yesterday.

Hospital law on discharges is defended

By Herbert Mack
Globe Staff

Dr. Thomas Hayes, the North Andover surgeon who said yesterday he is quitting his practice in protest against a new Federal law regarding hospital staff, fails to understand the law, Melvyn E. Seawell, assistant commissioner of public welfare in charge of Medicaid, said yesterday.

Hayes contended that under the law Federal regulations either then doctors would determine how long a patient needs to be hospitalized. He also said that if he were to find it hard to keep public assistance patients in a bed too long and that therapy of a patient could not be continued.

"Wrong on all counts," said Seawell, who attributed the law as providing for "peer review" — a review by other doctors of the practice of a colleague. He said there is automatic machinery to extend the stay of a patient who needs additional care and denied that doctors would be fined.

The law, which went into effect Jan. 1, was enacted by Congress in an effort to control hospital costs. Its purpose is to insure that Medicaid patients are not kept in hospital too long at taxpayers' expense, Seawell said.

Seawell said appropriate periods of stay for various ailments is needed to insure that Medicaid patients are not kept in hospital too long at taxpayers' expense, Seawell said.

OBITUARIES

Police bagpiper fulfills Watertown funeral request

Watertown police fulfilled a special request made by a local carpenter who died Friday.

Chief Joseph P. Kelly granted permission yesterday to permit John Lawrence to leave duty in order to play his bagpipe at the funeral of Michael J. Clair, 53, of St. Patrick's Church on Main street. Kelly said that Clair's

non-in-law, firefighter John Bower, called police headquarters and told him that Mr. Clair had requested a pipe at his funeral.

Clair leaves three sons, Basil E. of Mills, Reginald W. of Nashua, N.H., and James E. of Weston, and a daughter, Mrs. Catherine M. Bower of Watertown. Burial was in St. Patrick's Cemetery.

Margaret K. O'Loughlin, 84

A funeral Mass will be said tomorrow at 10 a.m. in Holy Name Church, West Roxbury for Mrs. Margaret K. (Cusick) O'Loughlin, 84, of 222 Cory st., West Roxbury, who died Saturday at the Glover Memorial Hospital in Needham.

She was born in Ireland and came to this country when she was 15 years old. She worked as a housekeeper for the Belmont Catholic chapel at the Veterans Hospital here, died late Sunday at the St. Carmel Convalescent Home.

She leaves two sons, former State Rep. Joseph M. of West Roxbury and Thomas J. O'Loughlin of

Dedham and 10 grandchildren. Burial will be in St. Joseph's Cemetery in West Roxbury.

Rev. C. J. Boland, VA chaplain in N.H.

MANCHESTER, N.H. — Rev. Charles J. Boland, 65, Catholic chaplain at the Veterans Hospital here, died late Sunday at the St. Carmel Convalescent Home.

He was born in East Boston, became a Xavier Brother in January, 1917, and in June, 1945 began study for the priesthood at Loyola, Pa. He was ordained in 1948 at the Immaculate Conception Church in Malden, Mass.

He leaves two brothers, Michael B. of Bedford, Mass., and Francis Boland, and five sisters, Sister Mary Francis and Sister Mary Carl, both of the Sisters of St. Joseph in Framingham, Mass., Mrs. Helen Doherty of Malden, Mrs. William Cronin of Rockport and Mrs. John Laury, of Danvers, all of Paul st., a former Dennis tax collector and School Committee member who died Saturday at Cape Cod Hospital in Hyannis.

He was a salesman for the Southern Branch Co. for 38 years on Cape Cod before retiring in 1962.

Mr. McDowell was a past member of the Dennis Beach Committee and the Republican Towns Committee and was an active member of the Dennis Union Church, Dennis Historical Society and the Mt. Royal Masonic lodge.

He leaves his wife, Anne Paul, and Peter L. McDowell, both of Dennis; a daughter, Mrs. Joy Boucher, of Billerica and a sister, Mrs. Harold Dixon of Dennis.

Services will be at the Hallett Funeral Home in South Yarmouth.

Cuba hints willingness to talk with US

Associated Press

MEDICO CITY — Cuba is willing to begin talks with the United States on re-establishing diplomatic relations as soon as Washington lifts its 12-year-old economic blockade against Fidel Castro's government, a Cuban diplomat said last night.

"We are not in a holy war with the United States," said Fernando Lopez Munoz, "but we will never undertake negotiations while the blockade is in effect."

He indicated that the US Navy base at Guantanamo was not an issue.

Lopez Munoz, Cuba's recently appointed ambassador to Mexico, made his remarks at a meeting with a small group of Mexican and foreign businessmen invited by Cuban officials.

He specifically stated that the US controlled naval base at Guantanamo Bay was no longer an obstacle to any negotiations.

Previously, the Cubans had declared that departure of the US Navy from Guantanamo was a condition for getting Cuba to sit down at a negotiation table.

Askidson rites tomorrow at 2

Services for Richard A. Askidson, 18, of 3 Savin st., Burlington, will be tomorrow at 2 p.m. in the Lutheran Church of the Redeemer in Woburn. He was killed Saturday night when the car he was driving veered out of control and struck a tree in Wilmington.

Police said the vehicle was traveling at a high speed when it left the road and struck a tree in Wilmington.

He died at the Charles Memorial Hospital in Woburn, and three passengers were hospitalized in fair condition.

Mr. Askidson was a 1971 graduate of Burlington High School and was a student at the Museum of Fine Arts School in Boston.

He leaves his parents, Anagar and Phyllis Askidson.

Other obituaries on page 24

Annie Tichnor Brookline resident

Services took place yesterday for Mrs. Anne J. (Jacobs) Tichnor, 88, of 20 Gardner rd., Brookline, who was a resident of Brookline for more than 80 years. Mrs. Tichnor died Sunday at P.M.S. England Deaconess Hospital.

She was born in New York City and was active in numerous civic and charitable organizations, including Beth Israel Hospital, Hebrew Rehabilitation Center, Jewish Women's Health Organization and the United Order of True Sisters.

Mrs. Tichnor also was a member of the Massachusetts, Michigan, New Jersey, Jewish Family and Child Welfare Service and the United Order of True Sisters. She leaves her husband, Samuel; two sons, Lawrence F. and Alan J. Tichnor; two daughters, Mrs. Doris Gramann and Mrs. Harriet T. Schneider; two brothers, Morris and Jacob Jacobs; and three sisters, Mrs. Fannie Green, Mrs. Doris Cash and Mrs. Harriet Krwin.

Germaine Kinney, ordained beauty shop

RIDGEBURY, Mass. — Mrs. Germaine D. (Conington) Kinney, 86 May 4, died yesterday at a nursing home. She was 68.

Mrs. Kinney owned and operated the Germaine Beauty Shop in Cambridge, Mass., for 28 years. A long-time Cambridge resident, she moved here in 1968 and moved to Mass.

She was born in Somersworth, N.H., and was educated in Northbury, Conn., and Ledyard, N.Y. schools.

She leaves a son, George Duke of Paris, France; a stepson, William S. Kinney Jr. of Somerville, Mass.; a sister, Mrs. Anne Marcotte of Middlefield, and two brothers, Valmore and Gustavus of Landon, Mass. and Larry Conington of Bradenton, Fla.

LATE DEATH NOTICES

ALLEN — In Cambridge, Mass. on January 7, 1974, Mrs. Helen Allen, 88, of 100 Cambridge St., Cambridge, Mass. She was born in New York City and was a resident of Cambridge, Mass. for many years. She is survived by her husband, Mr. Allen, and several children and grandchildren.

ANDERSON — In North Andover, Mass. on January 7, 1974, Mrs. Elizabeth Anderson, 88, of 100 North Andover St., North Andover, Mass. She was born in New York City and was a resident of North Andover, Mass. for many years. She is survived by her husband, Mr. Anderson, and several children and grandchildren.

BROWN — In Boston, Mass. on January 7, 1974, Mrs. Mary Brown, 88, of 100 Boston St., Boston, Mass. She was born in New York City and was a resident of Boston, Mass. for many years. She is survived by her husband, Mr. Brown, and several children and grandchildren.

CLARK — In Boston, Mass. on January 7, 1974, Mrs. Elizabeth Clark, 88, of 100 Boston St., Boston, Mass. She was born in New York City and was a resident of Boston, Mass. for many years. She is survived by her husband, Mr. Clark, and several children and grandchildren.

DEAN — In Boston, Mass. on January 7, 1974, Mrs. Mary Dean, 88, of 100 Boston St., Boston, Mass. She was born in New York City and was a resident of Boston, Mass. for many years. She is survived by her husband, Mr. Dean, and several children and grandchildren.

South End woman, 41, dies of stab wounds

Boston homicide detectives yesterday were investigating the stabbing murder of a South End woman Sunday night. Rita Flowers, 41, of 522 Massachusetts av. was found wounded at 4:45 a.m. in her car behind a dwelling at 155 Northampton st. She died at Boston City Hospital at approximately 10 p.m. Sunday night.

Her death was Boston's first recorded homicide of 1974.

Three men, one armed with a sawed-off shotgun and two with handguns

CRIME ROUNDUP

Last night robbed the manager of a Mattapan supermarket and eluded police in a chase through Mattapan Square.

Police said the robbers approached Cetus Phillips, 35, of Brookline, manager of Crest View Market, 443 Cummings highway, about 10:30 p.m. as he left the store to make a night bank deposit.

They took a brown paper bag containing about \$100 and fled in a car driven by a fourth person.

A few minutes later, patrolmen Neil Murphy and Lawrence Sullivan saw the getaway car in Hyde Park avenue in Hyde Park and began chasing it in their cruiser along the avenue into Mattapan Square.

Another police cruiser pulled into the roadway as the getaway car approached the intersection of Morton Street and Blue Hill avenue, blocking the escape route and forcing the car to spin around.

The alleged robbers then

jumped out of the car and fled on foot. They were being hunted by Boston police early this morning.

Two prison forlough escapes were captured by police and a third returned voluntarily during the weekend, Correction Dept. officials said yesterday.

Tom Sewell, department head, said Lester Mallory, 30, of Roslindale, serving 15 to 20 years for manslaughter, returned to the Norfolk prison colony Saturday after being declared an escapee Friday night.

DEATHS

Andrew, Alan (Linda, Thelma B. ...)

DEATHS

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WEATHER / sunny and cold, high 30 to 35

BOSTON AND VICINITY — Mostly sunny and cold, high temperatures 30 to 35. Westerly winds 15 to 20 mph. Tonight, fair with little temperature change, lows around 30. Tomorrow, becoming cloudy with a chance of snow developing late in the day or at night. High again in the 30s. Probability of precipitation 10 percent today and 20 percent tonight.

MASSACHUSETTS AND RHODE ISLAND — Partly sunny with high in the 30s. Fair followed by increasing cloudiness tonight, lows in the 20s. Tomorrow, mostly cloudy with a chance of snow developing late in the day.

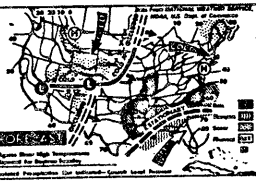
NEW HAMPSHIRE — Partly cloudy with chance of more flurries north and fair in the south. High in the teens to lower 20s. Fair and cold tonight with low near zero at the coast to 10 below in the interior. Fair north tomorrow and increasing cloudiness with chance of snow in the

VERMONT — Variable cloudiness with some snow flurries, high in the 20s. Considerable cloudiness tonight and tomorrow, with chance of snow. Low at night in the teens, high tomorrow in the 20s.

Extended Forecasts
MASSACHUSETTS AND RHODE ISLAND — Change of snow Thursday morning, becoming fair and turning colder Thursday afternoon. Fair and cold Friday. Chance of more developing late Saturday. Morning low around 30 on Thursday, high in the afternoon in the 30s. Turning colder Friday and Saturday. Overnight lows in the teens to 20s and daytime highs in the low 30s.

Northeast

City	High	Low
Boston	30	20
New York	35	25
Philadelphia	32	22
Washington	30	20
Richmond	28	18
Hartford	25	15
Providence	25	15
Baltimore	30	20
Pittsburgh	28	18
Cleveland	25	15
Chicago	20	10
St. Louis	20	10
Indianapolis	20	10
Kansas City	20	10
Denver	20	10
Phoenix	55	45
San Francisco	60	50
Los Angeles	65	55
Honolulu	75	65



Blizzard howls through Mont.

National temperatures

Associated Press

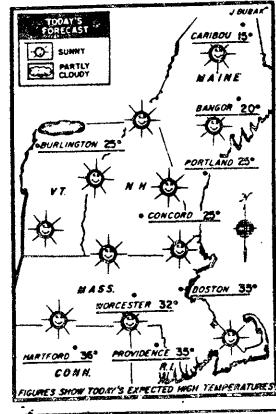
The threat of heavy snows continued in the Southwest yesterday and additional rain in Southern California increased the likelihood of flooding and mudslides.

Los Angeles received an additional half inch of rain yesterday morning and the same storm system spread showers east to the Rockies, where heavy snow was expected in the central mountains by today.

Near blizzard conditions existed over much of Montana where winds up to 40 mph piled up snow into huge drifts.

Elsewhere, snow squalls occurred over a wide area from the lower Great Lakes to the Appalachians and light showers were scattered along the Gulf and Atlantic coasts.

Fair weather prevailed



Foreign temperatures

City	High	Low
London	45	35
Paris	40	30
Rome	45	35
Moscow	25	15
Beijing	15	5
Tokyo	20	10
Sydney	65	55
Auckland	60	50

Travel forecasts

City	High	Low
New York	35	25
Philadelphia	32	22
Washington	30	20
Richmond	28	18
Hartford	25	15
Providence	25	15
Baltimore	30	20
Pittsburgh	28	18
Cleveland	25	15
Chicago	20	10
St. Louis	20	10
Indianapolis	20	10
Kansas City	20	10
Denver	20	10
Phoenix	55	45
San Francisco	60	50
Los Angeles	65	55
Honolulu	75	65

Boston pollution levels

Follows in a report of pollution levels in the Boston area, from the Massachusetts Department of Environmental Control.

City	Level
Boston	100
New York	150
Philadelphia	120
Washington	110
Richmond	100
Hartford	90
Providence	80
Baltimore	100
Pittsburgh	90
Cleveland	80
Chicago	70
St. Louis	70
Indianapolis	70
Kansas City	70
Denver	70
Phoenix	60
San Francisco	50
Los Angeles	40
Honolulu	30

APARTMENTS FOR RENT



to the... Royal Crest... The Royal Crest... Royal Crest Estates of North...

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Bayberry Hill... There is a... Bayberry Hill... Bayberry Hill... Bayberry Hill...

APARTMENTS FOR RENT



QUICK COMMUTE... There is a... Quick Commute... Quick Commute... Quick Commute...

APARTMENTS FOR RENT



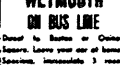
WEYMOUTH COMMONS... There is a... Weymouth Commons... Weymouth Commons... Weymouth Commons...

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SAVE ON RENT... There is a... Save on Rent... Save on Rent... Save on Rent...

APARTMENTS FOR RENT



WEYMOUTH ON BUS LINE... There is a... Weymouth on Bus Line... Weymouth on Bus Line... Weymouth on Bus Line...

APARTMENTS FOR RENT



CHELMSFORD... There is a... Chelmsford... Chelmsford... Chelmsford...

APARTMENTS FOR RENT



JAMAICA PLAIN... There is a... Jamaica Plain... Jamaica Plain... Jamaica Plain...

APARTMENTS FOR RENT



WEYMOUTH COMMONS... There is a... Weymouth Commons... Weymouth Commons... Weymouth Commons...

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DOGS, CATS, PETS
BROODING SCHEM
 All birds, cats, dogs, etc. for sale. Call 234-1234.

GREAT BARK PUPPIES
 Puppies available for sale. Call 234-1234.

HOUSEHOLD HELP
NATURE WOMAN
 Available for household work. Call 234-1234.

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 Available for live-in work. Call 234-1234.

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SALES REPRESENTATIVES
MEN & WOMEN
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NEW HAMPSHIRE AREA
 Available for sales work. Call 234-1234.

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Professional Sales
 We need experienced sales people. Reply only if you are experienced in territory sales. No trainees.

We Offer
 A Salary Increase up to \$4700.00 in Exceptional Commission Plan & Growth Potential & Better than average security package.

Call Mr. Parks for appointment
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B. J. ALLAN CO., INC.
 Best of Opportunity Employment

NEED A GOOD JOB?
 One year you made a lot of money without producing a free check. Well you can't have it all. You can't have it all. You can't have it all. You can't have it all.

SALES REPRESENTATIVE
 Drive Future company-established territory, complete quality line, good pay, expansion, benefits. Need complete person with minimum sales experience and drive to make money. College degree preferred.

Call resume to:
KECHLER MFG. CO.
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SWITCHBOARD OPERATOR
 1 position PBX board
 Some admitting and responsible duties
 3 P.M.-11 P.M.
 5 DAY WEEK
 NO WEEKENDS
 South Shore, Boston
 South Shore, Boston
 South Shore, Boston
 South Shore, Boston
 South Shore, Boston

SHIPPERS
IRONWORKERS
BURNERS & WELDERS
 ALL ABOVE MUST BE 1ST CLASS

NEWTON PART TIME PERMANENT
 4-7 A.M.
 We also have an opening in the afternoon
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6000 EXTRA INCOME
MUST HAVE CAR
 Knowledge of Area Helpful
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MAINTENANCE ELECTRICIAN
 An opening exists for a maintenance electrician with 3-5 years track experience in the industrial maintenance field. This is a full-time position, offering excellent fringe benefits including company-paid Blue Cross/Blue Shield. Easily reached by public transportation.

Please send replies to:
E 151, Globe Office

EXPERIENCED WAXERS/SPRAY BUFFERS
 Working in North Shore. Full and part time. Excellent pay and benefits. Full time job requires car. Call 362-9773 or apply in person Monday through Friday between 10:30 A.M. and 5 P.M.

ALLIED SERVICE CO. OF N.E., INC.
 Prudential Tower, Boston
 An Equal Opportunity Employer

PRODUCTION MAINTENANCE
 BRILLIANT SEAFOOD

TRUCK DRIVERS
PAID TRAINING
EXPERIENCED-NEEDLESS
AERO MAYFLOWER
 Truck Co. Inc. is looking for drivers to haul mail. This is a full-time position, offering excellent fringe benefits including company-paid Blue Cross/Blue Shield. Easily reached by public transportation.

Please send resumes to:
JOE HARRIS
 417-324-1000

Warehs, Shippers and Receivers
 Many Company Benefits
 Call for Details
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AUTO BODY
 One enthusiastic body man needed to work in busy Ford dealership. Flat rate shop, paid tool boxes, health, vacation and insurance benefits. Please call for complete information. Full Company of \$45,000.

WAREHOUSE TOWN SALES
 777 Washington St.
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FURNITURE TRUCK DRIVER
 Must be exp. in delivering furniture into homes.

SLATON'S
 788 Broadway, Chelsea
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DROP FORGER
 Expt. drop forger hammer man, perm. position, full fringe benefits, union shop. For interview call MR. MALONE, at 567-0070 after 8:30 a.m.

MACHINIST
 BURLINGTON
 Small machine shop looking for machinist experienced in the repair and maintenance of all types of machinery and tools to be used in the shop.

LAST AND FOUND
 Lost keys, wallet, etc. Call 234-1234.

INSTRUCTIONS
 Learn to drive tractor trailer.

DRIVE TRACTOR TRAILER
 Available for instruction. Call 234-1234.

MEN'S FURNISHINGS
FULL TIME PERMANENT
 Available for sales work. Call 234-1234.

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 Part time and full time positions available. Call 234-1234.

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We found a rooming house in Haverhill for a man from Chatham.

Give one million people a chance to rent what you're renting.
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We found a job in Dedham for a night watchman in Needham.

Give one million people a chance to apply for your job.
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We are looking for a person who will take responsibility of checking computer program material for accuracy, completeness, and overall quality...

New England Life

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Our small but rapidly growing Data Processing Group is just the right spot to show what you can do and move ahead...

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Looking for a person to add to our programming staff...

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Excellent opportunity for high school graduates who like working with figures...

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Full and part time... Charles B. Perkins Co. TOBACCO SHOPS

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Bernard is one of the "First Names" at the bank. A no hassle interviewer...

THE FIRST NATIONAL BANK OF BOSTON

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Executive Secretary for long-established corporation in the electronics field...

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Perform a variety of purchasing duties... Bell & Howell

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SECRETARY-TYPIST

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Accounting firm seeking experienced accountant...

GENERAL INSTRUMENT CORPORATION

Instrument company seeking various personnel...

Airfile Services MANAGEMENT OPPORTUNITY

Management opportunity with Airfile Services...

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House organ editor/writer position available...

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FIELD SERVICE

Field service position available...

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Clerk secretary keypunch work temporary position available...

We sold a snowmobile in Stow for a dealer from Methuen.

Give one million people a chance to buy what you are selling. Call Globe Classified, 282-1500.

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PROFESSIONAL HELP

OPEN HOUSE

Come Talk... It's Your Night!

Wednesday Evening January 9th 5:30 to 9:00 p.m.

Designers/Checkers

- PIPING
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- PIPE STRESS
- YARD PIPING
- HVAC
- HEAVY MACHINE DESIGN
- INSTRUMENTATION
- MECHANICAL ARRANGEMENTS
- STRUCTURAL (Steel, Concrete, CMU)
- ELECTRICAL

Mechanical Draftsmen

- BUILDING SERVICE (Heating/Ventilation/Plumbing)
- PIPING

14th Floor State Street Bank Building 225 Franklin Street Boston, Mass. 02110

IS your future of growing as it should be for you joined Stone & Webster? To help you make this decision, you'll receive a free information packet. This packet will contain a right to talk, Wednesday, January 8, 8:30 p.m. to 9 p.m. It's a great way to start off the New Year.

The NIGHT'S AGENDA:

- REFRESHMENTS
- A MOVIE that will introduce you to one of our major power stations and the opportunity to learn that Stone & Webster is a leader in the power industry.

All you need is recent experience as a Designer/Checker or Mechanical Draftsman in the power plant field and an interest in one of our immediate opportunities. You'll find all the challenge, diversity and excitement you need at Stone & Webster. You'll be helping us help our country generate more power.

Stone & Webster provides an excellent benefit program that includes a full health related plan and comprehensive life insurance coverage. There's also plenty of overtime. Come talk. It's your night! And remember to bring your resume.

DRIVING? PARK FREE IN OUR BASEMENT GARAGE.



An Equal Opportunity Employer

PROFESSIONAL HELP

ENGINEERS AND DRAFTSMEN

Make the POSITIVE MOVE NOW... TO ACTIVE R&D AREA

COME GROW WITH US

See how a DYNAMIC, fast-paced, growing organization offers opportunities for your talents and experience in company sponsored continuing education for your career and professional development.

IMMEDIATE OPENINGS FOR THE FOLLOWING POSITIONS:

- SENIOR ELECTRICAL ENGINEERS
- ELECTRO-MECHANICAL DRAFTSMEN

CENTRONICS data computer corp.

Route 111, Hudson, New Hampshire 03051
Send resume to Personnel Dept. or 603-883-0111

CONSTRUCTION COORDINATOR

Hartford, Connecticut

Corporate division of national department store chain engaged in major expansion and renovation program at several stores requires professional construction coordinator.

P.E. with strong background in construction in general, and in retail work, in particular preferred. Must have ability to coordinate store staff with many contractors on several projects simultaneously.

Excellent salary and benefits for the right person.

Send resume and salary requirements in confidence to: E-150 Globe # Office or send resume in envelope to:

PROFESSIONAL HELP

STAFF PHARMACIST

Full Time

Our pharmacy is expanding to meet the needs of our growing new facility and we are interested in expanding our staff of staff pharmacists located in Massachusetts. Our facility offers new progressive programs in pharmacy education and clinical, and we would hope that you might be interested in this position. Dispensing experience is required.

You would work 7 am to 3:30 pm with one or two average full-time pharmacist staff. 40 hours in addition, we would expect you to rotate hours and weekends in return, we offer an attractive starting wage, excellent fringe benefits and liberal personal leave.

If you are interested in exploring this career opportunity further, please call Mr. Robert J. O'Brien, Director of Personnel Dept. at 603-883-0111. An Equal Opportunity Employer.

LOWELL GENERAL HOSPITAL

250 Vermont Avenue Lowell, Massachusetts 01851 An Equal Opportunity Employer

ELECTRONIC TECH

FIELD SUPPORT ENGINEER

Success is what it's all about, isn't it?

Are you the energetic, energetic person who can handle the stress of a field position? Do you have a strong background in electronic technology? If so, we have a position for you. We are looking for a Field Support Engineer to join our team. This position involves traveling to various sites to provide technical support and training. The ideal candidate will have a degree in electronics or a related field and several years of experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: P.O. Box 38071, West Hartford, Conn. 06116.

ASSISTANT PLANT ACCOUNTANT

To \$11,000 To Start

Leading Greater Boston retailer and manufacturer has immediate need for a personable and aggressive Accountant to join its plant accounting team. With a C.P.A. in Accounting along with one year retail experience in preferred, the ability to read and analyze to grow is essential.

This person will aid in the maintenance and development of cost standards. Position will support include exposure to payroll, order handling, inventory procedures and financial analysis. The ideal candidate will interface with both plant supervisors and financial management.

Open due to internal promotion, this challenging position offers exciting entry into a dynamic growth oriented environment. Highlights a complete benefits package which also includes 100% paid life and health insurance, pension plans and two weeks paid vacation the first year. Fee Paid.

For immediate attention call Bob Wayne at 257-6586

Scott-Wayne Associates
Personnel Consultants
Client Companies Assume All Fees—(617) 247-4305
4th Floor, 575 Boylston St., Boston, Massachusetts

IMMEDIATE OPENINGS

For qualified senior engineering—working professional

Position open: PROJECT ENGINEER

PROJECTS: MECHANICAL AND ELECTRICAL; ELECTRICAL INSTRUMENTATION; PIPING; STRUCTURAL; MECHANICAL ARRANGEMENTS; PIPE STRESS; YARD PIPING; HVAC; HEAVY MACHINE DESIGN; INSTRUMENTATION; MECHANICAL ARRANGEMENTS; STRUCTURAL (Steel, Concrete, CMU); ELECTRICAL.

STONE & WEBSTER ENGINEERING CORPORATION
An Equal Opportunity Employer

DENTAL HYGIENIST Part Time

Our One Health Center Clinic is interested in a qualified Dental Hygienist to join our staff. The ideal candidate will have a degree in dental hygiene and be licensed in the state of Massachusetts. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: LOWELL GENERAL HOSPITAL, 250 Vermont Avenue, Lowell, MA 01851.

OPERATIONAL AUDITOR

To \$14,000 + To Start

Medium sized conglomerate is looking for a sharp, personable Public or Private Accountant with 2 years minimum experience to assume a significant role on the corporate audit staff.

Good communication skills will be needed in dealing with all levels of management. Both operational and financial skills will be performed for the consumer products firm, and the firm's financial. The ability and desire to move ahead will be an essential ingredient in the position. Benefits package includes medical insurance, dental, full paid vacation and 401(k) plan. A complete history of internal promotion highlights the proper individual's growth potential. Fee Paid.

For immediate attention call Bob Wayne at 267-0885

Scott-Wayne Associates
Personnel Consultants
Client Companies Assume All Fees—(617) 247-4305
4th Floor, 575 Boylston St., Boston, Massachusetts

MANUFACTURING MANAGER

A leading national manufacturer of heavy road vehicle components is seeking a Manufacturing Manager to manage its production operations. The ideal candidate will have a degree in mechanical engineering and a minimum of 10 years experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: B-150 Globe # Office or send resume in envelope to:

COMMERCIAL & LOSS CONTROL SPECIALISTS

Service Group, Inc., is subsidiary of Allstate and has 27 24-hour offices for commercial and residential insurance. We are seeking experienced commercial and residential adjusters for the Boston area. One year experience in a similar position is required. Excellent compensation and benefits including 401(k) plan and profit sharing.

Send resume to: P.O. Box 38071, West Hartford, Conn. 06116.

COMPO INDUSTRIES, INC.

INDUSTRIAL DIVISION

100 HORTON ROAD
Lowell, Massachusetts 01851

MECHANICAL DESIGNER

As a fast growing manufacturer of high temperature alloy equipment, BTU has an immediate need for an experienced Mechanical Designer to join our design and structural fabrication. Experience with fabrication of high-temperature materials is desired.

There is also an opening for a mechanical detail draftsman. Please send resume or call Personnel Department: BTU Engineering Corporation, Esquire Road, N. Billerica, Mass. 01862

RESEARCH TECHNICIAN

Our research facility is seeking a qualified individual to work in the field of radioimmunoassay with the latest equipment and computer facilities to determine peptide and steroid hormone levels in lab animals. BS in chemistry, biochemistry, or related field with 2 years experience in radioimmunoassay techniques is required. Radioimmunoassay experience preferred. Send resume to: E-154, Globe Office

ORDER PRICING CLERKS

We need individuals with some office background who will be in direct telephone contact with customers. Must be good with figures. Typing necessary but speed not necessary. We will train alert applicants. Benefits includes hospitalization, group life insurance, paid vacations, etc.

Call Mr. Shiran, 448-4000

ADDRESSOGRAPH MULTIGRAPH CORP.
64 "A" ST., NEEDHAM HILLS, MASS.

An Equal Opportunity Employer

MANAGER MANAGER TRAINEES

For perfect degree, health and beauty and drive in the Boston area, we are seeking individuals for our Manager Trainee program. This program offers a comprehensive training and development experience. Candidates should have a degree in business administration or a related field and 2-4 years of experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: B-150 Globe # Office or send resume in envelope to:

PRODUCTION SUPERVISOR

2nd SHIFT

Experienced leader capable of directing complex production operations. Must have a minimum of 5 years experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: E-167 GLOBE OFFICE

DETAIL DRAFTSMAN

There is also an opening for a mechanical detail draftsman. Please send resume or call Personnel Department: BTU Engineering Corporation, Esquire Road, N. Billerica, Mass. 01862

FIELD SERVICE ENGINEERS

A leading manufacturer of industrial machinery is seeking qualified individuals to join its field service engineering staff. The ideal candidate will have a degree in mechanical engineering and a minimum of 5 years experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: E-154, Globe Office

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EXECUTIVE DIRECTOR

Experienced individual capable of directing complex production operations. Must have a minimum of 5 years experience in a similar position. We offer a competitive salary and excellent benefits. If you are interested, please send your resume to: E-167 GLOBE OFFICE

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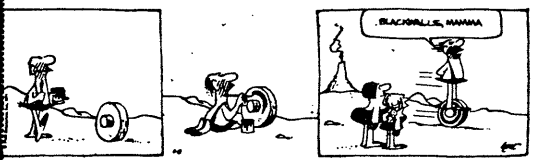
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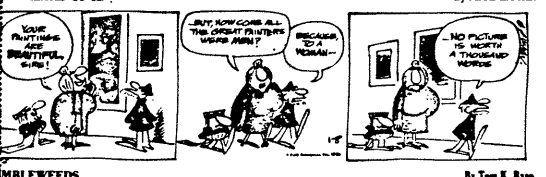
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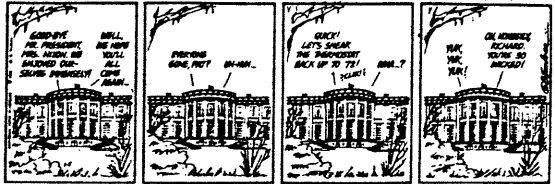
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APARTMENT 3C



SHINWOLD ON BRIDGE

Memorizing the table of probabilities will not make you a good bridge player. You must still count your tricks and plan the play intelligently. After all, common sense is what makes a bridge player when he hasn't got it.

West opened a heart, and South had to choose. He discarded immediately. Should he throw a club or a diamond?

"If I throw a club," South thought to himself, "the odds are only even that I will guess who has the queen of diamonds. But if I throw a diamond, the odds are better than 2 to 1 that the clubs will break 3-2."

South therefore triumphantly discarded the ten of diamonds at the first trick. He drew trumps and struggled fiercely for a few minutes, but had to lose two club tricks. Down he went.

South was the victim of an optical illusion. The possibility of a finesse in diamonds blinded him to the fact that he had 13 sure tricks.

Declarer should discard a club on dummy's ace of hearts. He then draws two rounds of trumps and takes a diamond finesse. Even if the finesse loses, South can cash the king and jack of diamonds and then can get to dummy for a few more tricks.

DAILY QUESTION
As dealer, you hold S-Q, 10,8,6, H-A, D-A, 8,5,3, C-A,K,7,5. What do you say?

ANSWER: Bid one club. If partner bids a red suit, you will bid one spade. If partner bids spades him self, you will raise. If partner bids no trump, you will raise. Since you are ready there is no advantage in starting with the weak diamonds rather than the strong clubs.

TWISTAGRAM



Start anywhere. Some find it more fun to work from the top down.

Each line of the answer contains all the letters in the line above it, usually rearranged.

- 1- Pair of vowels which seldom follows 'C' (The 4th and 5th letters of #8.)
- 2- To give the— to something is to disprove it.
- 3- Gladly (word becoming obsolete).
- 4- Airplane pilot.
- 5- Unimportant thing.
- 6- Productive.
- 7- Strain finely again.
- 8- After #7, the letters added in succession are L, F, R, T, E and R.

Answer to TWISTAGRAM:
EU
RUE
USER
SERUM
MUSTER
MUSTER
MUSTER
TERMINUS



East dealer			
Both sides vulnerable			
NORTH			
♠	Q 10 9 6		
♥	A		
♦	A 6 5 2		
♣	—		
WEST			
♠	—		
♥	—		
♦	—		
♣	—		
EAST			
♠	—		
♥	—		
♦	—		
♣	—		
SOUTH			
♠	—		
♥	—		
♦	—		
♣	—		
All Pass			
Opening lead — ♣ 4			

RIGHTER'S HOROSCOPE

GENERAL TENDENCIES: Many aspects can take place today unless you think out a course of action you want to be an effect. Allow nothing of an unexpected nature to alter your plans.

ARIES (Mar. 21 to Apr. 19) Show him that you are loyal to them if there should be some quarrel with an outsider.

TAURUS (Apr. 20 to May 20) Much care in motion is needed now to avoid possible accidents. Shop with care and count your change.

GEMINI (May 21 to June 21) Expenses come up that you had budgeted carefully so that they can be covered adequately.

MOON CHILDREN (June 22 to July 21) You may find there are delays in trying to put through personal aims, but perseverance will eventually make them successful.

LEO (July 22 to Aug. 21) Keep away from the outside world for now and see if you can get everything around you running more smoothly.

VERGO (Aug. 22 to Sept. 22) It's time to be with friends, but be sure you are not demanding in any way. Steer away from any arguments.

LIBRA (Sept. 23 to Oct. 22) Keep busy at your work regardless of interruptions at this time. Handle a credit matter quietly.

SCORPIO (Oct. 23 to Nov. 21) Your new ideas are fine so be sure not to lose them aside. A new contact makes remarks you can let in one ear and out the other.

SAGITTARIUS (Nov. 22 to Dec. 21) Take care of your obligations in a most conscientious way or you could get into trouble with higher-ups.

CAPRICORN (Dec. 22 to Jan. 20) Know what it is that associates need and do your utmost to cooperate with them.

AQUARIUS (Jan. 21 to Feb. 19) You are tempted to go off on some tangent and leave important obligations behind you but this would only make matters worse.

PISCES (Feb. 20 to Mar. 20) Make sure you don't overlook any important duties. Make progress while the making is good.

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