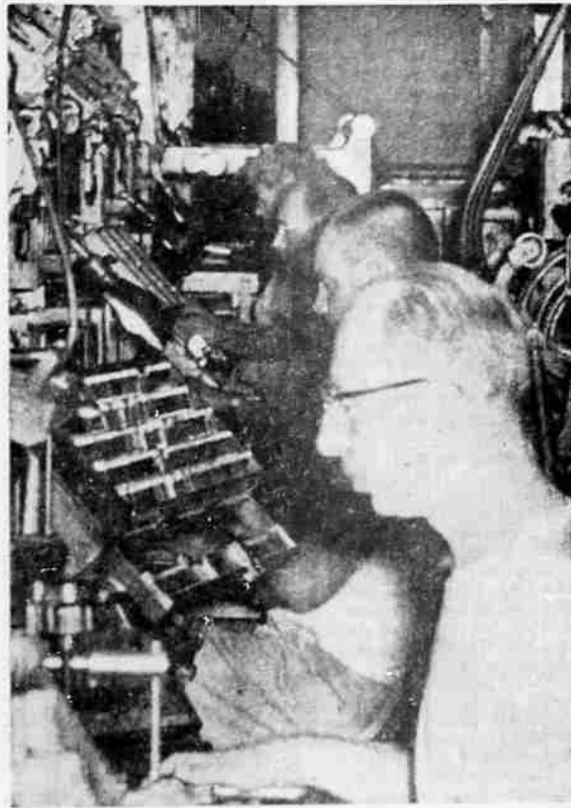


Tasks of Composing Staff Varied, Constant



TYPESETTER OPERATORS—These are four of 16 people who operate the Mail Tribune's seven typesetting machines, either Linotypes or Intertypes. The operators press keys somewhat similar to keys on a typewriter, which release from a magazine a series of "mats," one for each letter, space or number, in a line of type. They are assembled together automatically, and molten type-metal is forced against them, casting a "slug" which bears on its edge a reverse-impression of a line of type. Shown above, front to back, are W. L. Cullhane, Ben Casey, E. O. Gillings and Mrs. Pearl Coverdale.

(Editor's Note: This is the third in a series of six articles describing the departments of the Mail Tribune and how they cooperate to produce, from news event and advertiser's idea to deliver, your copies of the newspaper each day.)

Here are a few printing terms used in the accompanying story, and what they mean:
Proof—A preliminary printing of material, which is checked for accuracy and marked for needed corrections.

Type—Metal shaped in letters used for printing. In modern printing, it usually takes the form of a full line, and by association the word has come to mean all metal material used to print words.

Copy—News or advertising material in manuscript (usually typewritten) form, before it is set in type.

Mat (or matrice)—There are two types of mats. One is a piece of metal into which the impression of a letter is permanently fixed. It is used to form letters in metal which is forced against it (cast) in molten form and then hardens. The other is a cardboard-like piece of material, which when soft and damp is pressed against type or other matter for reproduction. The impression is forced into it. When hot metal is placed against it, and solidified, a reverse-image results which, when inked, results in printing the words or picture in the form they ultimately appear in the paper.

After the news has been written and the ads completed, it takes about 7 man hours per page in the composing room to get the Mail Tribune ready for the press.

This link in the chain of newspaper production is never-ending, for as soon as one edition goes to press, work on the next day's issue has started. Composing room personnel are responsible for setting, proof reading,



FLOOR MEN—After the type has been set, these men run proofs of it to be checked for errors. They then insert corrections and assemble the type into forms according to plans or "dummies" supplied by the news and advertising departments. Shown above, left to right, are William G. Reed, Roy Maudlin, Jim DeVos and Lowell Sorenson.

correcting and assembling type, and placing it in page forms.

Set in Type
 As soon as the news and editorial department is finished with its copy, the Linotype operators set it in type. The Mail Tribune has seven typesetting machines, which are operated at various times by 16 people. Five machines set only news type and headlines, and two are "mixers," setting both news and advertising copy.

In setting the type, operators press a series of keys, somewhat similar to keys on a typewriter keyboard, and the machine pumps hot metal against a line of mats or matrices, to cast a line of type. This metal is composed of 83.5 per cent lead, 11.5 per cent antimony and 5 per cent tin. The machines were invented in 1884. (Mark Twain was reported to have spent more than \$1 million on a crude predecessor to the Linotype. However, his partner who was working on the machine, lost his mind before the job was finished and neither he nor Twain ever realized anything for their efforts.)

Complex Process

Setting ads is a more complex process, involving more people than setting news matter. That is one reason advertising copy must be in the composing room almost 24 hours earlier than news. Ad copy deadline is noon the day before publication and the last-minute news copy deadline is about 1 p.m. the day of publication, although bulletins can be accepted up to about 1:45 p.m. without seriously delaying press time. The ad copy first goes to the mark-up man, who determines the size and variety of type. If a picture is to be used in the ad, the mat is sent to the stereotype department, where it is cast and trimmed as specified. All copy under 48 point is distributed to the Linotype operators and larger type is set on the Ludlow, a hand-operated line-casting machine.

After the type is set, it is proof-read and corrected. Make-up men then assemble the type according to plans or "dummies" supplied by the news and ad departments. The type is locked into forms the same size as a newspaper page. At that point, the press department

takes over. Stereotypers collect each assembled page of type and prepare it for the press.

On most days it would be physically impossible to complete composing room tasks in a single day and still deliver that day's paper to the subscriber's doorstep while the news is fresh. For that reason, the composing staff is split into two shifts, one working from 7 a.m. to 3 p.m. and the other from 3 p.m. to 11 p.m. As soon as work on one day's paper is finished, it starts on the following day's issue. The night shift works mostly on ad copy and the day shift concentrates on news. By mid-morning, about half of the paper is ready for the press and by early afternoon work on the remainder of the paper is finished. It is for this reason the news department has different deadlines for different types of news.

The composing room staff includes floormen, Alden J. Barklow, H. W. Boynton, M. M. Cumming, Herb DeVos (day mark-up man), Bob Gilstrap, Myron Hollen, George Longie, K. F. Murray (mark-up man and

night foreman) and Roy Sunderland; make-up men, William G. Reed, Lowell Sorenson (Sunday foreman), Roy Maudlin and J. C. Murray (general shop foreman); news proof reader, George Distell; and machine operators, Clark Anderson, Lee Bex, Mrs. Bessie Carlson, Ben Casey, Ralph Cooley, Mrs. Pearl Coverdale, W. L. Cullhane, E. O. Gillings, Ward Hudson, Richard Kuschel, F. B. Liddell, Richard Morgan, C. S. Slessier (assistant day foreman), Chester Ashton, R. L. Lindner and Dean R. Montgomery.

Several of these are long-time Mail Tribune employees. J. C. (Jim) Murray has worked here since 1916 and his brother Ken since 1917. Bob Gilstrap has worked for the Mail Tribune since 1936.

Two-Year-Old Drowns In Pendleton Creek

Pendleton — (UP) — A two-year old Pendleton youngster drowned late yesterday when she toppled into a small creek about a half-block from her home in suburban Montee subdivision here. Officers identified the victim as Linda Tagney. She had celebrated her second birthday on Sept. 1.

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GRANDFATHER

Astoria — (UP) — Robert D. Holmes, Democratic candidate for governor of Oregon, became a grandfather last night. A daughter was born here to Mr. and Mrs. Robert D. Holmes Jr. The baby weighed 8 pounds and 2 ounces and will be named Deborah.

ATTEND MEETING

Salem — (UP) — Arthur M. Sheets, Oregon civil defense director, will attend a meeting of the national advisory council on rural civil defense in Battle Creek, Mich., tomorrow and Friday. He is national president of the Association of State Civil Defense Directors.



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Police Still Seeking Patrol Car Escapee

Medford police are still looking for Glen Buster Jones, 24, of Central Point, who escaped from a patrol car Monday night on the way to the station after he was arrested for being intoxicated in public.

Jones was arrested at 1:15 a.m. Monday and originally charged with contributing to the delinquency of a minor.

Also arrested with Jones was Freeman Nels Beck, route 1, box 442B, Medford. Beck was charged with illegal possession of alcoholic beverages.

Charged With Larceny

Portland — (UP) — A Los Angeles woman, 24-year-old Katherine N. Muldoon, yesterday was charged with larceny of \$300 from the wallet of the late Donald P. Ervin, 31, of Vancouver, B. C.

Mrs. Muldoon was cleared of any connection with Ervin's death. He died Monday in a fall from the fifth floor window of the Park Avenue hotel here.

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