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<th><strong>Title</strong></th>
<th>New technology and newsroom</th>
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<tr>
<td><strong>Author(s)</strong></td>
<td>Jacob, Thomas.</td>
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<td><strong>Date</strong></td>
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<td><a href="http://hdl.handle.net/10220/2336">http://hdl.handle.net/10220/2336</a></td>
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New Technology And Newsroom

By

Thomas Jacob
"The fate will lead him who will, the rest they drag."
New technologies have helped to

- Bring quality colour to newspaper
- Improve design
- Increase visual communication through Info Graphics
Newspaper Design

Serial

traditional approach

Parallel

write or edit to fit to a predefined modular layout
requires good organization, and co-ordination
INFORMATION GRAPHICS

- Computers and software are invaluable tools in the production of Info Graphics
- Ready made clipart, maps and graphs help to speed up the creation
- None of these tools can replace talent and creativity
Britain’s Hunt Class minehunter
The most advanced of the allies' minesweepers in the Gulf

Method 1
Towed sharp
wire cuts
mine moorings

Method 2
Towed device emits
acoustic or magnetic
signal to explode
mine

Sonar
locates
mine

Method 3
THE 'POISSON
AUTO
PROPULSIVE'
SYSTEM

Maximum depth: 300 metres
Range: 1,800 metres
Propulsion: Battery
Endurance: 90 minutes

Mooed
mine

Video
camera

Cable cutters
and mechanical
arm neutralise
mines

Drops 100kg
explosive
charge near
mine with
time-fuse

Anti-
submarine
mine
Towers of Power

The diagram illustrates various skyscrapers and prominent buildings around the world, highlighting their heights and significant features. Each building is labeled with its name and year of completion.

The diagram is credited to John Grimwade, Editor of Times (London).
DATA BANKS & ARCHIVES

- External databases can be accessed by a modem and a PC
- Graphics and photographs available through dial up services
- Electronic archive makes it easier to store and retrieve large volumes of information
- Full text search possible
New technologies - how do they affect the newsroom?

Computers are already in use in newsrooms to:

- File stories and receive wire services
- Retrieve and edit the material
- Receive and prepare photographs from agencies, remote offices or scanned in locally
- Prepare Info Graphics and Illustrations
- Search databanks & archives for background material
ONCE ALL ELEMENTS OF A PAGE - HEADLINES, TEXT, ILLUSTRATIONS, PHOTO’S, LOGO’S, AND GRAPHICS ARE AVAILABLE IN DIGITAL FORM, THE COMPLETE PAGE CAN BE ASSEMBLED ON COMPUTERS AND OUTPUT ON IMAGESETTERS

PAGE ASSEMBLED ON PAGINATION TERMINAL
SENT TO THE OUTPUT DEVICE

IMAGESETTER

FULL PAGE WITH FOUR COLOUR SEPARATIONS OUTPUT
TRENDS IN NEWSPAPER PRODUCTION

- Responsibilities and functions of Editorial, Advertisement, Production and Technical departments will change

- Editorial and Ad departments will be responsible for the complete production of their part of the newspaper page

- Traditional production functions like composing, repro etc will either become redundant or become part of newsroom operations.

- Technical department will provide support function to both Editorial and Advertisement
- Editorial managers have to play a key role in selection of equipment and technology
- Training and retraining should be a continuous process
- Introduction of new technology can provide opportunities to carry out organizational changes
Newsroom of the 90's
The newsroom of the future today

PANPA CHRONICLES NEWSROOM
was put together at the PANPA conference in Adelaide, as a demonstration project, showcasing the use of new technology.
NEWSROOM LAYOUT

ROBERT LOCKWOOD PROPOSES

Organic Open plan

....... AS AGAINST THE TRADITIONAL

Mechanistic Closed plan
Electronic publishing - a reality?

- CD ROM & Multimedia products
  - eg: Newsweek CD, Virtual World CD

- Electronic newspaper
  - eg: News in Motion
Moscow — Boris N. Yeltsin was dead wrong.

Addressing the U.S. Congress on a June 1992 visit to Washington, the Russian president declared: "The world can sigh in relief, the idol of Communism, which spread social strife, enmity and unparalleled brutality everywhere, which installed fear in humanity — has collapsed. ... I am here to assure you: We shall not let it rise again in our land!"

Two years after Soviet Communist hard-liners tried but failed to seize control of the Kremlin, two years after Russia's president banned Communist activities on Russian soil, the Reds again are the biggest.

Pro-Yeltsin rally marks second anniversary of failed coup attempt.
Thank you for your attention.