By Barbara S. Moffel
National Geographic Society

When communications technology was introduced to the computer, it may not have been love at first sight, but it certainly looked like a premising romance.

Today the two are practically inseparable. "It's getting awfully hard to tell the difference between modern call-processing equipment and a computer, says Dr. Joel Krugler, director of the computer, and the computer of the c

THE PROSPECT of a global communications network worries some so-clogists, who fear that it could unleash an information overload, as freeways have inadvertently encouraged traffic. Growing reliance on satellites poses another peril: accidental or deliberate disruption of services with a lawer device used by another nation.

deliberate disruption of services with a laser device used by another nation.
Today, 100 million electronic main messages a year, excluding interoffice communications, are being sent. But postal officials say they expect conventional mail delivery to continue well in to the next century. If, as some predict, bill-paying goes totally eletronic, the

Here's a look at other changes coming in communications technology.

Newspapers, magazines, videotex

Cleaner fingers will be one benefit - Cleaner ingers will be one control of the 21st-century newspaper. That generation of printing presses will use flexography, a technology guaranteeing sharper printing and ink that won't who of

inexography, a technology guaranteesing sharper printing and link that won't no fill century's newspaper may not the cleant of the continuous classified and and stock quotations. Instead, those space-consuming features will be necessible through videotex, the marriage of the telephone and home computer or television screen. "If you're looking for a certain kind of car, for instance, you would key in the information and a list of candidates would appear on your screen," explains Gary Arten. Videotex will provide some news, airline schedules, and other specialty information. A few such services already exist. Dow Jones News/Retrieval, for example, sends 35 services to its customers, most of them using personal computers. Future videotex probably will be used for banking. Another newborn technology didac, may replace some though such as the control of the control of

• Telephones — A digital form of transmission will allow people and computers to communicate over conmous distances with nearly perfect reproduction of information. Hari-thin optical fibers, replacing today's copper cables, will bring a flood of information services to homes. "With fiber optics, there will sudenly be a superhighway of communications into the home," says Dr. Robert Lucky, a research director at At&T Bell Laboratories.
Some telephones also will be low-

search director at At&T Bell Laboratories.

Some telephones also will be lowcost computer terminals. Eventually,
callers in two cities may view a graph
or document simultaneously over their
phone displays. Voice commands may
replace phone dails.

Another technology could allow peopie to assign priorities to callers, using
"personal keys" — codes give out to
certain friends. People may have a lifelong phone number, assigned at birth.
"The whole concept of dailing will
change," says Lucky, "You'll dial a person, not a place."

Mobile phones in today's cars and
airplanes, hased on cellular technology,
are steps toward personal satellite
communications. "By 2000, I would ex-

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Postal Service may be scraping for business.

Postal Service may be scraping for pect to see the equivalent of the Dick Tracy wrist phone," predicts Krugler of GTE.

of GTE.

BUT MOBILE PHONES could breaten privacy, warns Stuart Crump Jr., editor and publisher of Personal Communications magazine. "If you have a wrist phone on all the time, someone could track you and complied on the personal Communication of the Communic

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The ultimate in international communications may be the Integrated Services Digital Network, which someway is expected to its together all the world's conversations and data and picture transmission. With such standardization, computer systems in all countries could communicate and, some say, finally create a paperless society.

Television — When you awaken on Nov. 7, 2000 — Election Day — you may go no farther that you television screen to yote. It will be a vehicle for cable and direct-broadcast satellite TV, videocassette recorder and videodise player, home computer, videotex information wires, and video games.





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NOTICE OF PUBLIC HEARING ON INCREASING PROPERTY TAXES AND GENERAL FUND OPERATING BUDGET

Pursuant to Public Act No. 5 of 1982 and Public Act No. 43 of 1963 (2nd Ex. Sess.) the School District will hold Public Hearings on increasing property taxes for opera-ting purposes and the Proposed Operating Budget. The hearing will be held:

The authorized millage rate of the School District is 37.90 mills. Public Act No. 5 of 1982 would limit the levy to 37.3961 mills. The Board proposes to levy additional millage of .5039 mills or a total of 37.90 mills which it is anticipated will result in a 6.75% increase in operating revenues from ad valorem taxes. However, due to the State Aid formula, the increase in operating revenues from ad valorem taxes will be offset, in part, by a decrease in State Aid. As a consequence, the School District's total operating revenues from these sources in 1985-86 will increase approximately 5%. The Board has the complete authority to establish the number of mills to be levied (37.90 mills) from within its authorized mil-

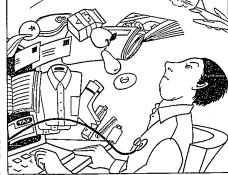
The electorate of the School District have been quested to approve ½ mill at the Annual Election in the School District on June 10, 1985 for capital improvements for the School District. If approved, this millage will be levied for building and site improvements and

The figures presented are based upon information currently available to the School District and are subject to final confirmation.

Copies of the proposed 1985-86 Budget are available for inspection at the Offices of the Board of Education.

Dated: April 30, 1985

/s/RICHARD J. WOOD Richard J. Wood, Secretary Board of Education





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