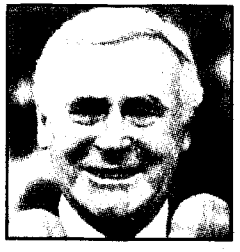
CHARLIE O. FINLEY DIES

Former A's owner known as innovative, outrageous

SPORTS ◆ C1



APPLE, MOTOROLA LINK

New alliance will make Mac-compatible computers

BUSINESS ◆ D1

FORECAST

High **88** Low 69

MOSTLY SUNNY.
DETAILS, B6

n American-Statesman

PUBLISHED SINCE 1871 TUESDAY, FEBRUARY 20, 1996

Mars, it'll ower scum

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ture, such a microbial realm have eluded the pair of robes that landed on Mars in d found no signs of life. The s of the Martian deep, if they ay be hard to find and dising to some people because obably resemble the scum a shower stall more than the f science fiction.
so, experts say, the discovery

newed, Back page

Exploring Mars

The new round of Mars exploration, expected to begin late this year, has three main goals:

- Search for past or present life.
- Understand the Martian climate and its lessons for Earth.
- Search for resources of possible use by future human explorers.

Tune in, turn on, toss it out: Can the Internet pre-empt TV?

BY DICK STANLEY
American-Statesman Staff

Toss your TV.

That's the advice on the cover of computer magazine Byte this month, as it touts a story about how the Internet may replace broadcast television.

It's an idea that's gaining support among computer experts. They see a worldwide network of computerized information replacing broadcast programming with digital television offering millions of channels 24 hours a day. There'd be the usual commercial fare and reruns, but in dozens of languages, and it would be augmented by the Net's trademark, undefinable and interactive home-brew.

Some experts expect such Internet transmissions by 2001, after a few thorny technical problems are fixed. These innovations include wiring American homes for fiber optic cable, with its vastly greater capacity for data than that most people now receive from cable TV and phone companies.

Simon Lam, a University of Texas computer science professor who has spent three years researching many of the technical problems, agrees, at least in theory.

To do it, said Lam, who is editor-in-chief of the journal IEEE/ACM Transactions on Networking, the architecture, or the system the Net uses to move information between computers, will need significant modification. He predicts there will always be some form of the current Net, perhaps available on a sepa-

See UT, A8