

# U.S. Technology Spies' Target

## Agents Focus Efforts on Electronics Firms

By EVAN MAXWELL, Times Staff Writer

Foreign intelligence efforts in California and the rest of the United States have shifted from Air Force bases and military targets to the fortresses of American technology, in the opinion of experts in counterintelligence, electronics and law enforcement.

## Space Shuttle Flight Uncovers a New Problem

By GEORGE ALEXANDER, Times Staff Writer

A new analysis of the space shuttle Columbia's liquid propulsion system indicates that, for reasons not entirely clear, it underperformed slightly during the space plane's maiden voyage last April. The problem did not endanger the lives of the two-man crew, but it does raise more questions about the shuttle's capacity to lift some of the big space probes to which much of America's future space program are pinned.

Future programs like Galileo, a two-pronged scientific assault on the planet Jupiter, and the Space Telescope, a sort of orbiting Palomar Mountain astronomical observatory, are even now projected to need almost every last ounce of the shuttle's 65,000-pound payload capacity to get into space.

If the shuttle is unable to carry that much weight when these probes are ready to fly in the mid-1980s, something will have to give. Either experiments will have to be pared from these big probes until the overall weight matches the shuttle's capacity, or the launch dates will have to be slipped until improved, more powerful models of the shuttle become available.

Most of the shuttle's future payloads, however, are forecast to be mixed bags of different satellites and National Aeronautics and Space Administration officials are confident that they can juggle schedules and weights to match the space-

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According to those experts, foreign agents operate here in surprisingly large numbers; several FBI sources estimate there may be 30 Soviet KGB agents working in Northern California alone.

Their targets are not battle plants and missile sites, but the heartland of the U.S. microelectronics industry—the so-called "Silicon Valley" of Santa Clara County.

The arrests earlier this week in Los Angeles of a suspected Polish intelligence officer and a Hughes Aircraft Co. radar engineer show the extent to which foreign powers appear to be willing to go to compromise the security of aerospace and electronics firms.

### More Than \$110,000

The American engineer, cooperating with the FBI, said he was paid more than \$110,000 by Polish agents for technical documents that describe projects Hughes planned to sell the U.S. government.

The military implications of "covert, all-weather guns systems"—subject of one of the Hughes documents—are clear. But counterintelligence and electronics experts say national security may be even more damaged by espionage in electronics and other technological fields.

The United States has what American experts say is a clear international edge in microelectronics, surpassing even the Japanese in such revolutionary technologies as integrated circuits, bubble memory and other exotic computer-related fields.

But that edge is highly perishable. That kind of knowledge and technical data—even the memory chips and other electronics parts themselves—are extremely perishable and as useful to an enemy as they are to the United States.

One expert on the problem is Theodore Wai Wu, an assistant U.S. attorney in Los Angeles who is also a Naval Academy graduate, a re-

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## Most Sheriff's Deputies Join Strike in San Diego

By TOM GORMAN and GEORGE FRANK, Times Staff Writers

SAN DIEGO—More than a half-million persons served by the San Diego County Sheriff's Department were without routine law enforcement protection Wednesday, the first day of a walkout by deputies.

Only about 60 of the department's 848 sworn officers reported for duty, leaving many streets devoid of routine patrols and the county's large main jail staffed by state correctional officers.

Other law enforcement agencies in the county responded to emergency calls in areas usually served by sheriff's deputies, although there were only a handful of such requests.

No further negotiations were scheduled between the Deputy Sheriff's Assn. and the county Board of Supervisors, and there

were indications that the strike over wages would last at least through the holiday weekend, if not longer.

At separate press conferences, each side accused the other of negotiating in poor faith. Supervisors Chairman Paul Eckert called for the deputies to be fired, while the deputies' association filed an unfair labor relations complaint against the county.

Sheriff John Duffy said the striking officers would be disciplined for their job action, but that he would not fire them.

The deputies walked out at midnight Tuesday, after a 700-2 strike vote earlier in the evening. The issue is pay, with the deputies asking for a 25% increase and the

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## Venice Jews Leaving but Ghetto Lives

By LOUIS B. FLEMING, Times Staff Writer

VENICE, Italy—Death, not the ghost of Shakespeare's Shylock, haunts the ghetto of Venice.

"Each year in the Jewish community 15 to 20 die and 4 or 5 are born," Giorgio Voghera, president of the Jewish community for the last decade, told a recent visitor.

"It is very grave," he added. "But then all of Venice is dying," said Carlo Ottolenghi, a noted lawyer and civic leader. His father, who was the rabbi here when the Nazis came, died at Auschwitz.

There are 650 Jews left in Venice. Only 1 in 10 lives in the ghetto. The days of discrimination and persecution are gone. Nonetheless, the ghetto lives on, separate, silent, communicating a mood of melancholy, unseen and unknown to most of the millions of tourists who come to the Basilica of San Marco.

### Word Originated Here

Venice's ghetto is among the world's oldest. It dates back more than four centuries and is the source of the word ghetto. The area was the site of several foundries, and was known by the Venetian word *geto*—from *getar*, for casting. Later the word became *ghetto*, and it has been applied universally to places where people have been set apart for reasons of race or religion.

In modern Venice, Christians outnumber Jews where once there were only Jews. The narrow entrances to the ghetto are no longer closed off by gates, but the ghetto is still the center of Jewish life here. There are five synagogues, a Jewish community center and a museum.

Jews were first forced into Venice's ghetto in 1516, about 700 of them. About 80 years later, Shakespeare wrote "The Merchant of Venice," his play about the relentless moneylender Shylock.

### 4,000 Crowd Ghetto

By the 17th Century more than 4,000 were crowded into a 300-by-100-yard area, isolated on the north bank of the Cannaregio Canal. "Some say there were 5,000 here then," Voghera said. "I doubt it. So many would have required putting 10 in every room."

He was in the gloomy offices of the Jewish community center. The door across from him opened onto a courtyard where hydrangeas bloomed, but there are not many flowers in the neighborhood.

The ghetto's gates were forced open by Napoleon when he conquered the city in 1797, but they were locked again the next year when the Austrians seized control. They remained locked until the union of Venice with Italy in 1866.

Still, the Jews were free to come and go during the day. Guards had instructions to be ready at any hour of the night to let Jewish doctors through. Even the ruling doges of Venice depended on Jewish doctors.

Medicine was the only profession open to the Jews in that time.

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## Council Coup Elects Wachs as President

Ferraro, Stevenson Outmaneuver Russell

By ERWIN BAKER, Times Staff Writer

In a stunning coup arranged just hours before the vote, Councilman Joel Wachs was elected president of the Los Angeles City Council Wednesday.

The vote, in a tension-packed roll call, was 8 to 7, with Wachs casting the deciding vote in a race with Councilwoman Pat Russell, the pre-election favorite.

Wachs, 42, who has represented the Santa Monica Mountains area and the San Fernando Valley's 2nd District for the last 10 years, had been president pro tem for the last four years.

In addition to its importance as a possible springboard to the mayoralty in 1982—in the event Mayor

Related stories on inauguration of Mayor Tom Bradley and City Atty. Ira Reiner in Part II, Page 1.

Tom Bradley runs for and wins the governorship—the council presidency is important because of its appointive power.

The president names chairmen and members of 15 standing and four special committees that have a direct or indirect effect on nearly every one of the city's 2.9 million residents.

The coup, which shocked veteran council observers and a packed City Hall chamber, was initiated by outgoing President John Ferraro and Councilwoman Peggy Stevenson, who was elected to succeed Wachs as president pro tem.

### Had No Chance

Ferraro had campaigned for another term, but said by Tuesday night he realized he had no chance of beating Russell. So he decided to support Wachs.

According to Wachs, shaken—but happily so—by the sudden victory, Stevenson called him Tuesday night and left word for him to call her. At 7:50 a.m. Wednesday, Wachs said he returned the call and was asked by Stevenson to come to City Hall as soon as possible.

"She said she had a new idea, that I would be president and she would be president pro tem," Wachs said.

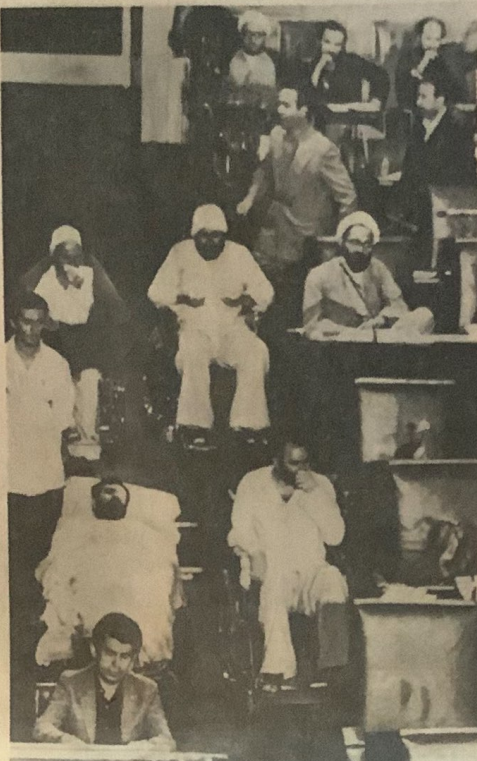
"I gulped. I said I would think about it."

Wachs said he reached City Hall at 9:15 a.m.—"earlier than usual"—and went directly to Ferraro's office, where he and Stevenson were waiting.

That was only 45 minutes before the council convened for the election.

"John said he had talked with the six members who had pledged their support to him for the presidency and they thought it was a good idea. 'They said, 'It is up to you. You will be the eighth vote.' I said yes."

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Associated Press

In wheelchairs and on a stretcher, Iranian lawmakers injured in a bomb blast Sunday attend a session of the Parliament in Tehran.

## Anti-American Frenzy Sweeps Iran Parliament

From Times Wire Services

TEHRAN—In a frenzied session dominated by screams of "Death to America," Iran's Parliament met Wednesday to voice support for a crackdown on leftists blamed for the bomb blast that killed scores of political leaders—including one-tenth of the Parliament's 270 members.

Five of the nine lawmakers injured in Sunday's blast, four of them in wheelchairs, attended the session where members wept, screamed and chanted over and over in unison, "Death to America, the Great Satan."

In his second radio speech in as many days, the Ayatollah Ruhollah Khomeini exhorted the clergy to stand firm in the face of attack, to turn their mosques into "a place of war... for the sake of Islam."

### Attack on Bani-Sadr

Khomeini, the nation's supreme leader, also attacked the ousted President Abolhassan Bani-Sadr, now a fugitive from arrest, and urged the ruling Islamic fundamentalists to make sure that Iran's next president is not "like the past one."

He said Bani-Sadr's successor "should not be someone... who wants to drag us toward the U.S.A., push aside the clergy and Parliament," Tehran radio quoted Khomeini as saying.

The July 24 election is expected to be a landslide for the candidate of the dominant Islamic Republican Party. The party has announced no candidate yet, but Prime Minister Mohammed Ali Rajai is considered the likely choice.

Although the Parliament session took on the tone of an anti-American rally, political analysts said its aim was to muster support for a crackdown on all opponents of the

regime, from Bani-Sadr's scattered moderates to the Mujahedeen, an Islamic socialist guerrilla group that, along with the United States, has been blamed for the fatal explosion.

At least 80 of Bani-Sadr's supporters have gone before Iranian firing squads since Bani-Sadr was dismissed June 21 following a parliamentary vote for his ouster.

In order to achieve a quorum Wednesday, injured members of the Parliament, which is known as the Majlis, were wheeled in from their hospital beds, the official Pars news agency said. Bouquets of flowers adorned the seats of the 27 members killed in the blast, which struck the headquarters of the Islamic Republican Party.

"This was the work of CIA and Israeli intelligence," one member shouted, tears streaming down his face.

"This crime shows the United States is whimpering fruitlessly," said the Ayatollah Sadegh Khaik-badi, the former judge who presided over summary revolutionary trials that sent hundreds of people to their deaths.

Speaker Hashemi Rafsanjani, who narrowly escaped Sunday's bomb because he left the meeting early, sobbed between phrases as he

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## FCC's Ruling on Buying Prime Time Supported

## Court Backs Candidates' Access to TV

By JIM MANN, Times Staff Writer

WASHINGTON—The Federal Communications Commission has the power to require television networks or broadcast stations to sell prime air time to presidential or congressional candidates, the Supreme Court ruled Wednesday.

By a vote of 6 to 3, the justices decided the commission was correct in ordering CBS, NBC and ABC to put a paid political advertisement by former President Jimmy Carter's reelection committee on the air in December, 1979—at a time when the networks contended the presidential campaign had not yet begun.

The ruling is a major victory for

political candidates and the FCC over the broadcast industry. In briefs filed with the court, TV networks and the National Association

of Broadcasters had argued that the FCC's requirements violated their First Amendment rights by interfering with their editorial discretion to choose what goes on the air.

In an opinion by Chief Justice Warren E. Burger, however, the justices decided that both the First Amendment right of candidates to present their views and the First Amendment right of voters to obtain information about the candidates outweigh the constitutional rights of broadcasters.

The justices specifically interpreted a law passed by Congress in 1972 as granting all qualified candi-

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### The Weather

National Weather Service forecast: Late night and early morning low cloudiness, otherwise fair today and Friday with highs both days in the low to mid-80s. High Wednesday, 83; low, 65. High July 1 last year, 85; low, 69. Record high July 1, 99 in 1884; record low, 52 in 1886.

Complete weather details and smog forecast in Part IV, Page 11.

## Begin Starts Dealing With Possible Coalition Partners

By DON A. SCHANCHE, Times Staff Writer

JERUSALEM—After a cocky post-election claim of victory early Wednesday, Israeli Prime Minister Menachem Begin moved quickly to start bargaining with some of his old coalition partners—the leading religious parties—over their terms for continuing to support his Likud bloc government for another four years.

Although he had apparently failed narrowly to win a plurality over his Labor alignment opposition in Tuesday's national elections, a political twist left Begin in a commanding position to hold on to the reins of government.

The official election results from hand-counted ballots will not be known until early next week, but the most recent computerized projections here based on results from more than 50% of the country's 4,297 voting stations gave the alignment of Labor Party leader Shimon Peres 49 seats in the new

Knesset (Parliament) against 48 for Begin's Likud.

But in the process of casting more than 80% of their votes for the two major parties, Israeli voters killed off a number of minor centrist parties that had been Labor's traditional partners in past coalition governments, leaving only three religious parties with the critical seats necessary for either Labor or Likud to form a viable governing coalition. And those parties are allies of Begin.

All three religious groupings, which among them appeared to have won 13 Knesset seats, had previously announced their preference for joining a coalition with Begin. Labor Party leaders conceded privately that the religious groupings are highly unlikely to switch their support to Peres despite his holding of an apparent plurality of the votes.

"At this point they will go to the

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