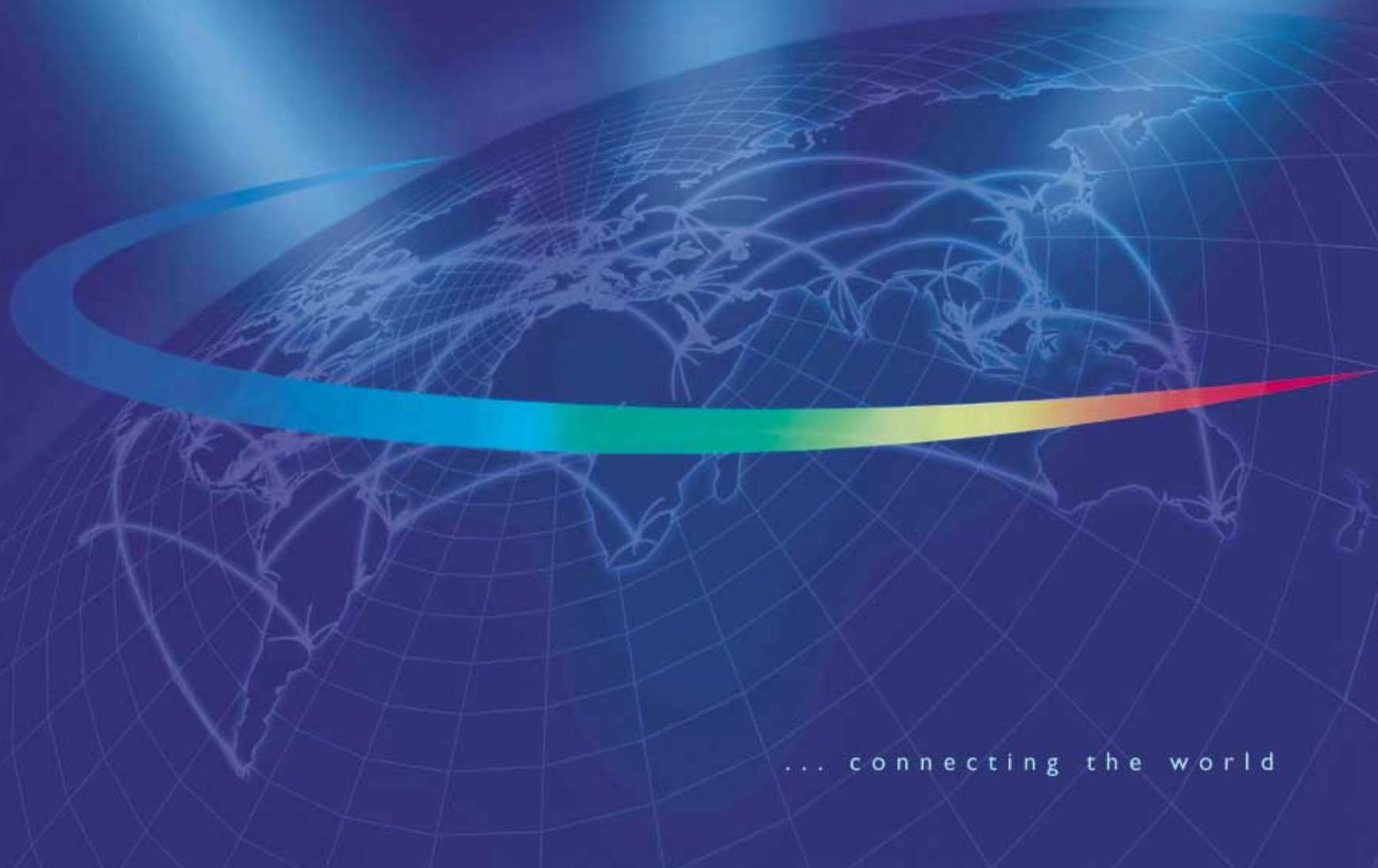


1998 Hughes Annual Report



... connecting the world

Satellite TV dishes on tens of millions of homes . . . Multimedia content that moves across the Internet as easily as e-mail . . . A private business network market 10 times the size of the Internet's . . . Seamless person-to-person telephone service anywhere in the world . . . Global bandwidth on demand . . . These are just some of the developing markets driving a satellite and wireless communications industry that is fast approaching \$70 billion in size.

Hughes is uniquely positioned to take advantage of these unprecedented opportunities. As the leader in satellite and wireless systems design, manufacturing and services, Hughes has a range of core competencies unmatched by competitors. Add to these strengths our proven capability for innovation, a strong balance sheet, and one of the most highly skilled workforces in the industry, and Hughes is poised to execute on its growth strategies and create exceptional value for shareholders.

financial highlights*

(Dollars in Millions, Except Per Share Amounts)	1998	1997	1996
FOR THE YEAR			
Revenues	\$ 5,964	\$ 5,128	\$ 4,009
Earnings	\$ 272	\$ 471	\$ 184
% of Revenues	4.6 %	9.2 %	4.6 %
EBITDA ⁽¹⁾	\$ 704	\$ 603	\$ 405
% of Revenues	11.8 %	11.8 %	10.1 %
Operating Profit	\$ 270	\$ 306	\$ 210
% of Revenues	4.5 %	6.0 %	5.2 %
Earnings Attributable to General Motors			
Class H Common Stock			
Total	\$ 72	\$ 119	\$ 45
Per Share	\$ 0.68	\$ 1.18	\$ 0.46
Average Number of Shares of			
GM Class H Common Stock			
Outstanding (in millions)	105.3	101.5	98.4
Capital Expenditures ⁽²⁾	\$ 1,429	\$ 827	\$ 449
Research and Development Expenses	\$ 121	\$ 120	\$ 95
Return on Equity ⁽³⁾	3.4 %	9.5 %	8.9 %
Pre-Tax Return on Total Assets ⁽⁴⁾	1.9 %	8.2 %	8.0 %
AT YEAR-END			
Cash and Cash Equivalents	\$ 1,342	\$ 2,784	\$ 7
Backlog	\$ 10,065	\$ 10,338	\$ 6,781
Number of Employees (in thousands)	15	14	12

* Financial Highlights are unaudited and exclude purchase accounting adjustments related to GM's acquisition of Hughes.

See further discussion regarding the basis of presentation in Note 1 to the financial statements.

(1) EBITDA is operating profit plus depreciation and amortization.

(2) Includes expenditures related to satellites amounting to \$930 million, \$575 million and \$188 million in 1998, 1997 and 1996, respectively. Also includes \$156 million in 1998 related to the early buy-out of sale-leasebacks.

(3) Earnings used for computation of available separate consolidated net income divided by average owner's equity (GM's equity in its wholly-owned subsidiary, Hughes Electronics). Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes, but rather have rights in the equity and assets of GM (which includes 100% of the stock of Hughes).

(4) Income from continuing operations before income taxes, extraordinary item and cumulative effect of accounting change divided by average total assets.

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A message to shareholders

This past year we took major steps to implement our key strategy of raising Hughes to the next level of leadership in high-growth communications services markets. These activities reflected a rewarding first year for us as a pure play satellite and wireless communications company, a year in which we continued to leverage our systems expertise to gain competitive advantages in our service businesses. It was a year of achievement, a year of challenges, a year in which we extended our lead in all four of our primary business segments.

In 1998, Hughes Space and Communications Company (HSC) won more than 50 percent of its competitive bids, as it has for each of the past several years.

Hughes Network Systems (HNS) continued to lead the world with its more than 55 percent market share in satellite-based, interactive private business networks.

PanAmSat, the world's leading commercial satellite services company, strengthened its position with three launches that increased its fleet size to 19 satellites.

And our DIRECTV businesses around the world continued to expand, highlighted by record subscriber growth in the United States.

At the end of 1998 and the beginning of 1999, Hughes announced key acquisitions that will change the landscape of American video entertainment. We signed agreements to acquire United States Satellite Broadcasting (USSB), the assets of PRIMESTAR, and Tempo's

two high-power satellites and related spectrum. When completed, these transactions will give DIRECTV® a stronger, simpler retail offering; expanded capacity to provide more than 370 channels; increased revenue-generating opportunities; and a subscriber base of 7 million—making it the third largest multi-channel system operator in the United States.



Left to Right: Steven D. Dorfman, Michael T. Smith, Charles H. Noski

The accomplishments of the past year were all the more impressive because they were achieved in spite of some challenges. Responding to the outage of PanAmSat's Galaxy IV satellite and anomalies with other Hughes-built spacecraft, we corrected the problems in our newer satellites and are raising our industry-leading

quality standards to an even higher level. In our service businesses, we're expanding our PanAmSat and DIRECTV satellite fleets to equip them with unmatched in-orbit back-up capabilities. These additions, together with ground-spare satellites that can be launched on an expedited basis, will ensure that we have the capacity needed to provide the highest quality of service for our customers.

Although concerns have arisen about technology transfers to China, Hughes has complied with the law and acted in accordance with the guidance of Executive Branch agencies with respect to the export of technology. In response to the concerns, Hughes not only has undertaken an effort to review and revise our export policies and procedures, but is providing industry leadership in compliance efforts. Hughes is committed to working with the applicable government agencies to ensure that the U.S. satellite industry can compete internationally, while at the same time providing every assurance that our national security interests have been fully protected.

Looking ahead, the burgeoning growth rates of communications create an environment of unprecedented opportunity. Taken as a whole, the communications industry is forecast to surpass \$1 trillion in the next two years, and the portion addressable by satellites is expected to exceed \$70 billion.

To exploit these opportunities, in the coming years we will continue to emphasize our strategy of strengthening our leadership position in all of our primary businesses, with a particular focus on the rapidly expanding communications services markets.

For example, in 1999 DIRECTV will introduce a new generation of interactive services that will transform the television from an entertainment and information resource into an interactive multimedia portal in the home.

From the comfort of their living rooms, subscribers will be able to browse the Internet, engage in electronic commerce, conduct banking, view localized weather reports, or play interactive games on their televisions. Pioneering time-shifting technology will be incorporated into DIRECTV receivers, allowing DIRECTV subscribers to personalize their television viewing experience.

Customers will have the ability to "pause" a live TV broadcast or pay-per-view movie, and to watch favorite shows on their own schedules, not the networks'. Subscribers will be able to create their own programming lineups—and even "teach" the TV their viewing likes and dislikes.

With the anticipated new capacity obtained from our recently announced transactions, DIRECTV will also be able to provide an

A message to shareholders

exceptional and expanded range of service offerings. These include high definition television (HDTV), á la carte and niche services, and specialty channels dedicated to topics such as family programming, education and religion.

We will increase our offerings of exclusive programming, such as the NFL SUNDAY TICKET, which features virtually every National Football League game. In fact, we have extended our agreement to remain the exclusive small-dish provider of this NFL package through at least 2002.

We are also taking important steps to improve the performance and value of our DIRECTV businesses in Latin America and Japan. In Mexico, for example, we have increased our equity position in the local operating company so that we can provide greater guidance in day-to-day operations. In Japan, a partnership restructuring in early 1999 strengthened the management team while increasing Hughes' ownership and influence in operating the business.

In our other major services business, PanAmSat, we plan to deploy six new satellites by mid-2000. This will allow us to increase our transponder capacity by over 60 percent to meet the rapidly rising global demand for video broadcasting, Internet access and other services while still providing the industry's best in-orbit back-up capability.

In executing our strategy to extend our leadership, Hughes has a

number of strengths to draw on that are unique to the industry. For example, our numerous orbital slots and spectrum are strategically located around the globe to provide critical platforms for growth in our service businesses. And we have a strong balance sheet to support this anticipated growth.

Additionally, our unparalleled range of systems and system technology provides our service businesses with a competitive advantage. One of the most recent examples of such synergies was the 1998 performance of HNS in gearing up to produce additional DIRECTV™ receiving equipment. When our other suppliers could not meet the unexpected boom in demand, HNS more than quadrupled its production to become the number two provider of set-top boxes, which played a key role in DIRECTV's ability to achieve its record growth in the United States.

This type of teamwork will reach a new level as Hughes pioneers the next generation of satellite communications—broadband services. These high-speed, high-bandwidth services include applications such as Internet access, corporate intranets and extranets, desk-top videoconferencing, and distance learning.

Beginning in 2002, Spaceway™ will offer service providers the ability to supply their customers with ultra-fast, two-way communi-

cations of data and video in North America using antennas as small as 26 inches. We envision creating a global platform that will begin with a geosynchronous system and expand to include non-geosynchronous satellites as the technology and markets evolve.

We will build this new capability by capitalizing on the best talents at each of our businesses. For example, HSC will provide the cutting-edge HS 702 satellites, while HNS will develop the ground infrastructure. HNS' role will include designing the receiving equipment and ground network; providing expertise and insight into the business network markets; and using the Spaceway platform to offer new and expanded services to its base of existing customers.

PanAmSat will operate the satellites and act as a reseller of Spaceway capacity in certain markets, while DIRECTV will cross-sell the services to its customers.

Spaceway is achievable owing to our level of vertical integration, and is one more example of our unrivaled capability to deliver services that are ever more responsive to customers' needs.

In an environment where consumers, businesses and national infrastructures are becoming ever more dependent on space-based communications, Hughes is on course to realize its vision of being the premier global provider of integrated entertainment and information services and products.

Michael T. Smith
Chairman and Chief Executive Officer

Charles H. Noski
President and Chief Operating Officer

Steven D. Dorfman
Vice Chairman



CONNECTING THE WORLD...

The background features a large, dark blue circle on the left side, which is partially cut off by the edge of the frame. A thin, light blue line curves from the left edge, passing through the circle, and extending towards the right. The text "THROUGH UNIQUE SYNERGIES" is centered within the circle in a light blue, sans-serif, all-caps font.

THROUGH UNIQUE SYNERGIES

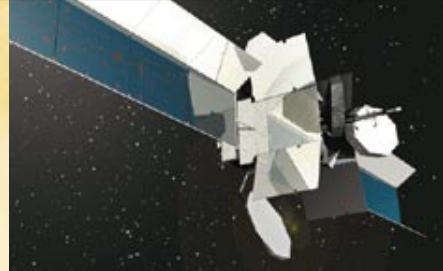
Hughes Connecting

people to video, data, voice and multimedia

A few successful firms introduce innovations that create entirely new industries. Many others improve on service to existing markets. Hughes is that rare company that has mastered both approaches. Our satellite and wireless communications solutions connect customers to the world. Hughes draws on the unique synergies of its four major segments to offer an exceptional range of systems and services, and also to develop new world-leading businesses.

DIRECT-TO-HOME TELEVISION: Direct-to-home television is already the largest revenue-producing segment of the satellite industry. Worldwide, 70 million households receive direct-to-home TV signals. Market researchers predict that the global market will be 150 million within a half-dozen years. A wide range of high definition television (HDTV) programming, interactive services and Internet links will soon be sent via satellite directly to viewers' TV sets.

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All four Hughes segments participate in this market. DIRECTV pioneered digital direct-to-home television service in the United States and today is a world leader. HNS is the nation's number two supplier of DIRECTV™ receivers. HSC builds satellites for DIRECTV and other direct-to-home services, while PanAmSat leases transponder space to direct-to-home television service providers worldwide.

BUSINESS NETWORKS AND BROADBAND SYSTEMS: The market for business networks is estimated to be 10 times the size of the Internet market. Both are growing rapidly. Satellite Internet communications already include multimedia content (combining video, voice and data) that is multicast to targeted recipients. In the near term, global demand for transmission of enriched video, large amounts of data and other broadband content – across both business networks and the Internet – is projected to grow 30 percent or more a year.

In satisfying today's global demand for business networking, HNS has sold more than 250,000 of its very small aperture terminals (VSATs), which create versatile satellite networks serving the needs of business and government organizations in 85 countries around the world. Global communications traffic for most of the world's VSAT networks is handled by PanAmSat satellites.

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PanAmSat's satellites, including those built by HSC, also serve Internet service providers and users in nearly 50 countries, and deliver HNS' DirecPC® service, the high-speed Internet access link for individuals and businesses worldwide.

Looking forward to tomorrow's business network and Internet requirements, Hughes' world-leading satellite and wireless technologies are coming together to create its innovative broadband service, Spaceway.™ Providing "bandwidth-on-demand," Spaceway will satisfy the growing appetite of companies and consumers everywhere for greater connectivity and speed.

Each Hughes segment will be involved in Spaceway: HNS is leading the effort, based on its extensive customer base and experience in wireless networks. HSC will build and launch a fleet of powerful HS 702 satellites to deliver Spaceway's planned mix of broadband services. PanAmSat will lend its world-leading expertise in operating satellite fleets, and DIRECTV will be able to promote Spaceway services to its fast-growing subscriber base.

WIRELESS TELEPHONE SYSTEMS: International telephone callers already use a combination of land-based, wireless and space-based technologies when communicating while traveling. The introduction of global mobile telephone services provides the ultimate in seamless



person-to-person voice communications – connecting callers via any system, at any time or place, while using dual-mode (satellite and cellular) telephones.

PanAmSat routes international phone calls through its satellites and provides service to 35 international telecommunications carriers. HNS builds and sells VSAT networks that provide telephone service to many rural and isolated areas all over the globe, and it is developing and operating a major telephone system in India's wealthiest state, Maharashtra. Additionally, HNS has begun manufacturing the telephone handsets and ground infrastructure that will be used by Thuraya Satellite Telecommunications Company and ICO Global Communications for satellite-based mobile telephone communications. And HSC is building a new generation of high-power satellites that will deliver those services.

At Hughes, the powerful synergies linking our businesses make us a leader in connecting people to the world, and transforming innovation into shareholder value.



Hughes is with you everywhere, every day...connecting the world.

HIGHLIGHTS OF 1998

- Won 56 percent of competitions bid and received orders for a record 15 geosynchronous satellites for the year, including three new HS 702 satellites.
- Delivered and had launched 11 geosynchronous satellites, the most in the industry, including the first satellite for the U.S. Navy incorporating Hughes' Global Broadcast Service.
- Affirmed its role as the leader in innovation by successfully demonstrating its xenon ion propulsion system (XIPS) aboard five spacecraft, and by using the moon's gravity to "slingshot" a stranded satellite into a usable geosynchronous orbit.

THE BUSINESS

Hughes Space and Communications Company (HSC) designs and builds satellite systems for commercial customers worldwide and for the Department of Defense, NASA (National Aeronautics and Space Administration) and other U.S. government agencies. It also arranges for the launch and delivery of satellites in orbit.

HSC not only applies state-of-the-art technology to new and more powerful and versatile satellite systems, but also leverages its technology leadership to create new service business opportunities

for Hughes, such as DIRECTV and Spaceway.

HSC enjoys a mix of government and commercial business, with approximately 75 percent of revenues coming from commercial customers. At year-end, HSC had orders for 38 spacecraft valued at \$4.4 billion from companies and government agencies in eight countries. To ensure future access to space for its customers at competitive prices, HSC in recent years has bought more launches than the U.S. government, contracting for nearly 50 launches from six of the world's top launch companies.

STRATEGIES

- Provide total satellite systems solutions for customers;
- Retain the number one global position in commercial satellite manufacturing;
- Sharpen the focus on quality in design and manufacturing to ensure the highest spacecraft reliability in the industry;
- Further improve productivity and cycle times; and
- Leverage technology leadership to gain a competitive advantage in Hughes' service businesses.

The logo is a white circle on a blue background, positioned on the left side of the slide.

Hughes Space & Communications

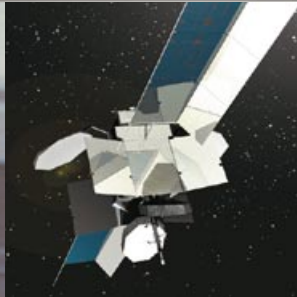
creating satellite technology...

HSC

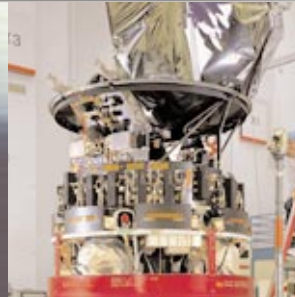
Hughes Space & Communications

...to lead markets and open new ones.

HSC's newest satellite, the HS 702, will use the most advanced technology to increase power by 50 percent over existing satellites.



Sirius 3, built for Sweden, is a spin-stabilized HS 376 spacecraft, a longtime favorite of Hughes customers, second only to the HS 601 in popularity.



A 63,000-cubic foot, dual-capacity thermal vacuum chamber is one of the latest additions to the Integrated Satellite Factory.



first maneuver of its kind in the commercial satellite industry, HSC rescued an improperly orbited satellite by flying it twice around the Earth using lunar gravity to position it in a serviceable orbit.

HSC is designing and building a regional satellite-based mobile communications system for the Thuraya Satellite Telecommunications Company.

One of 12 satellites HSC is building for ICO Global Communications undergoes assembly in Hughes' Integrated Satellite Factory. These satellites will communicate directly with mobile phone users worldwide.



THE PAST YEAR

HSC won an impressive 56 percent of its competitive bids during 1998, including contracts to build next-generation weather satellites for NASA and NOAA (National Oceanic and Atmospheric Administration) and communications spacecraft for customers in Brazil, Japan and the United States. In all, 15 new satellites were ordered. Contracts were received to build two of HSC's most powerful satellite, the HS 702 model, for XM Satellite Radio, and another for Telesat Canada. A total of six HS 702 satellites are now on order, including three for PanAmSat. Additional contracts were signed with customers around the world for HS 376 and HS 601 satellites, and HS GEM spacecraft for mobile communications.

HSC led the satellite industry in delivering 11 geosynchronous satellites during 1998, including the first spacecraft ever built and launched in the United States for a Russian owner. The Bonum I satellite is an HS 376 model destined to broadcast uncensored television programs across Russia for a Moscow-based media group. Last year also saw deployment of the first two UHF Follow-on satellites built for the U.S. Navy that incorporate Global Broadcast Service (GBS)

capability. This new service is based on Hughes' commercial direct broadcast satellite technology and will provide nearly global coverage to the Navy for its video and high-data-rate communications.

HSC flew an HS 601HP satellite around the moon twice to recover it from a useless earth orbit and move it into geosynchronous orbit. The Hughes-built satellite was stranded in an incorrect

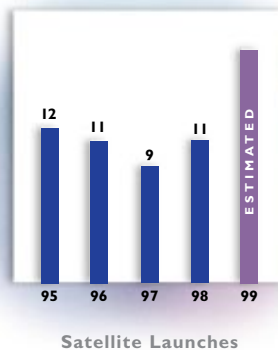
orbit due to a launch vehicle error. The spacecraft, now known as HGS-1, is available for lease by customers around the world.

HSC also became home to the world's largest commercial communications satellite factory – with nearly 600,000 square feet of manufacturing space and advanced testing facilities. The factory greatly improves satellite manufacturing throughput and

capacity. Cycle times have been reduced to as low as 12 to 14 months to deliver new HS 376 and HS 601 spacecraft.

THE YEAR AHEAD

In 1999, HSC expects to complete and have launched even more satellites than the 11 launched in 1998. Included will be the first satellites of a 12-spacecraft fleet serving ICO Global Communications'



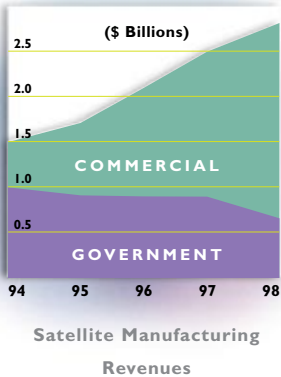
worldwide satellite mobile telephone system. HSC also is building two of its new HS GEM satellites for the Thuraya Satellite Telecommunications Company, which plans to initiate regional mobile telephone service across the Middle East in 2000. Both ICO and Thuraya satellites incorporate advanced onboard digital signal processing.

The first of HSC's high-power HS 702 satellites, PanAmSat's Galaxy XI, is scheduled for launch in 1999. This satellite will provide broadcast and telecommunications services across North America and Brazil. HS 702 spacecraft will be capable of achieving more than 15,000 watts of power and have many more transponders than any satellite yet launched. The HS 702's efficiency and capacity will further reduce the per-channel cost of transmission for Hughes' customers.

In 1999, a third GBS-equipped satellite will be launched for the Navy under its UHF Follow-on series. Also going into orbit will be the first of three Tracking and Data Relay Satellites (TDRS) for NASA that will replace an aging constellation of government satellites. The TDRS satellites will serve as NASA's sole means of continuous, high-data-rate communications with dozens of scientific satellites, the space shuttle and the International Space Station.

To establish even higher industry standards for quality and reliability, HSC is improving its design disciplines, and increasing the use of standardization and automation in manufacturing.

HSC is also pursuing various risk management strategies. One is to work with customers to arrange for construction of on-the-ground spare satellites that can be made available on an expedited basis. Such spacecraft can provide quick back-up capacity in case of launch failures or on-orbit problems.



1998 FINANCIAL PERFORMANCE		1998 VS. 1997 INCREASE/(DECREASE)
Revenues	\$2,831.1 million	13.6%
EBITDA	\$295.5 million	11.2%
EBITDA Margin	10.4%	(0.2) pts.
Operating Profit	\$246.3 million	8.8%

h u g h e s

n e t w o r k s y s t e m s

HIGHLIGHTS OF 1998

- Sold nearly 41,000 interactive and voice VSATs (very small aperture terminals), bringing worldwide sales to more than 250,000.
- Dramatically increased shipments of DIRECTV™ receivers to more than 650,000 units, enabling DIRECTV to add a record number of subscribers.
- Won a contract to supply ICO Global Communications with 100,000 multi-mode (satellite and cellular) telephone handsets.
- Introduced a new broadband wireless system, AIReach™ Broadband, to provide fiber-quality, high-bandwidth communications between switching centers, and office buildings and multiple dwelling units.

THE BUSINESS

Hughes Network Systems (HNS) builds, installs, and services satellite and wireless networks for businesses and governments in more than 85 countries. The world leader in satellite-based VSAT networks, HNS also manufactures DIRECTV receivers, as well as subscriber equipment for its own high-speed Internet access service, DirecPC.® HNS supports its networks worldwide with a variety of services, including shared hub service companies in the United States, Europe, India, Mexico and Turkey.

In addition, HNS manufactures and installs wireless local loop telephone systems, and equipment for satellite-based mobile telephone systems. In India's Maharashtra state, a local partnership owned 36 percent by HNS operates a newly launched telephone system.

STRATEGIES

- Maintain leadership in core markets for satellite communications networks;
- Leverage its products and technologies into service business opportunities; and
- Lead Hughes' development of the emerging market for broadband communications services.

THE PAST YEAR

In 1998, HNS completed the world's largest satellite-based telephone system, a 4,000-VSAT network that brings telephone service to rural villages and small communities throughout Thailand. HNS also extended its global lead in the VSAT market by booking orders for nearly 41,000 units in 1998. Recent awards included customers such as Blockbuster, Enterprise Car Rental, Fiat, VW Europe and General Motors Distance Learning Net.

The logo consists of a white circle on a dark teal background, with a horizontal line passing through its center.

Hughes Network Systems

delivering network solutions...

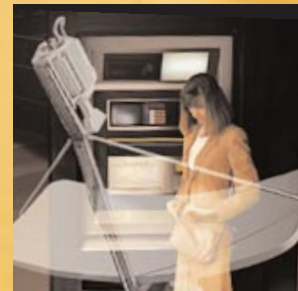
HNS

Hughes Network Systems

...through customized
wireless systems.



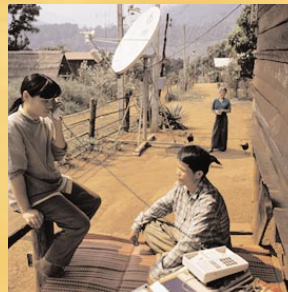
DirecDuo™ is a true convergence product, combining information and entertainment. DirecDuo delivers high-speed Internet information plus DIRECTV television programming using a 21-inch elliptical dish.



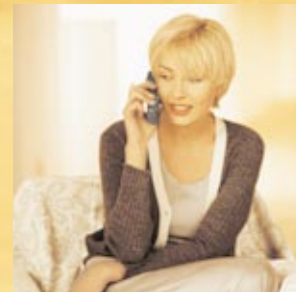
Hughes Network Systems is a leading provider of VSAT networks to a variety of industries. Here, transactions between an automated teller machine and a bank's office are conducted using satellite technology.



In 1998, HNS more than quadrupled its shipments of DIRECTV receiving equipment, becoming the number two supplier in the United States.



VSATs provide voice communications in areas of the world where it is difficult or too expensive to install land-line telephone communications.



HNS is providing multi-mode (satellite and cellular) telephone handsets and ground station network equipment for global mobile communications systems.

In anticipation of distance learning networks becoming an increasingly important use of high-bandwidth communications, HNS has acquired a majority interest in One Touch Systems, a leading supplier of equipment used at distance learning teaching facilities and at the remote sites that serve students.

HNS became the world's second largest manufacturer of DIRECTV equipment in 1998, shipping more than 650,000 units and enabling DIRECTV to meet the fast-growing demand for its U.S. direct-to-home television service.

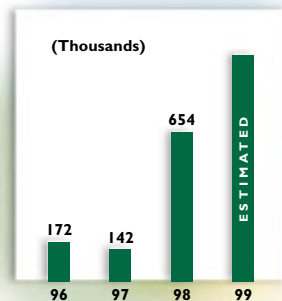
During 1998, HNS' DirecPC service was made available in several additional countries. HNS now offers DirecPC to subscribers throughout Europe, Latin America and Asia, as well as the United States. With partners, HNS is working to establish DirecPC as the global standard for high-speed multimedia transmission via satellite to personal computers in homes, multiple dwelling units, enterprises and small offices. For instance, HNS and Compaq Computer Corporation have undertaken a new type of marketing partnership for DirecPC. First, the companies will make the service available to users of Compaq's Internet site. Later, the companies plan to expand their partnership by offering DirecPC as an option on Compaq computers for

home and office markets.

During 1998, HNS won new orders for ground equipment and dual- and triple-mode telephone handsets used with satellite-based mobile telephone systems. HNS has contracts to supply equipment to both geosynchronous and mid-earth orbit satellite systems. These include the Thuraya Satellite Telecommunications Company's regional system, which will provide coverage in the Middle East and neighboring countries, and ICO Global Communications' system, which will enable customers to place and receive calls from any place using a combination of cellular and satellite technologies. HSC is building the satellites for both systems.

HNS continues to be a leader in the global market for ground-based wireless local loop telephone systems. In Maharashtra, India, a local partnership 36 percent owned by HNS installed equipment capable of supporting 30,000 subscribers, and expects to support more than a half-million subscribers within five years. The partnership holds a 15-year license to serve the region, which has a population of more than 80 million and includes India's thriving financial and business center, the city of Mumbai (Bombay).

To help meet the fast-growing demand for data, video, voice and



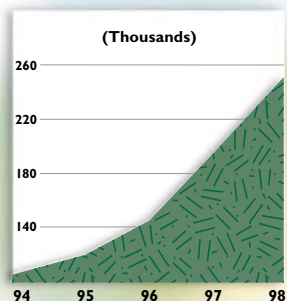
DIRECTV Receiver Shipments

multimedia communications by users of the Internet and business intranets, HNS introduced a land-based wireless system called AlReach Broadband. The system uses wireless technology to provide high-quality, high-speed access to many buildings not reached by fiber optic cables. Agreements were signed with two major nationwide competitive local exchange carriers (CLECs), Winstar and Teligent, to provide AlReach Broadband systems.

Another new product, AlReach Office, is an in-building wireless system that connects to a company's wired switching network. AlReach Office provides users with phone service that includes all of the features of their wired phones along with seamless interface to and from cellular systems.

HNS also expects to expand leadership in the global VSAT market by increasing penetration in markets such as distance learning, and telephone and data networks. HNS anticipates increasing production of DIRECTV receivers to more than one million units to help DIRECTV respond to growing consumer demand.

HNS will continue the expansion of telephone service in India, and begin shipping the AlReach Office product. In addition, HNS will expand marketing efforts for AlReach Broadband into the international arena, particularly Europe, Latin America and China, and will enter into agreements with major international CLECs.



**Cumulative Interactive and
Voice VSATs Under Contract**

THE YEAR AHEAD

HNS will take the lead in Hughes' initial development of Spaceway, the company's next-generation satellite-based broadband system. Drawing on world-leading expertise in private business networks, satellite-delivered Internet services and advanced ground-based communications infrastructure, HNS will offer new broadband services to a wide range of customers, including HNS' existing blue-chip customer base.

1998 FINANCIAL PERFORMANCE

		1998 VS. 1997 INCREASE/(DECREASE)
Revenues	\$1,076.7 million	6.5%
EBITDA	\$52.6 million	(50.4)%
EBITDA Margin	4.9%	(5.6) pts.
Operating Profit	\$10.9 million	(85.3)%

HIGHLIGHTS OF 1998

- Launched three satellites, bringing the total number of transponders aboard PanAmSat's fleet of 19 satellites to more than 530.
- To further improve PanAmSat's world-leading customer service, implemented a comprehensive satellite fleet growth and back-up program. This includes nine launches from 1998 through 2000, and arrangements for up to three spare spacecraft.
- Provided international Internet access for service providers in nearly 50 countries worldwide.
- Successfully demonstrated to U.S. broadcasters new high definition television (HDTV) transmission capabilities, and a service called SPOTcast for Cable that delivers high-bandwidth multimedia content to cable TV systems.

THE BUSINESS

PanAmSat, which is 81 percent owned by Hughes, is the world's leading commercial provider of global satellite-based communications services. The company serves hundreds of cable programmers and television broadcasters, as well as six current or planned direct-to-home TV services. Together, these direct-to-home services distribute more than 500 channels of programming to viewers in Latin

America and the Caribbean, Southern Africa, and India. PanAmSat's spacecraft also provide global telecommunications services and Internet access to numerous businesses and telecommunications providers, including HNS. Over 99 percent of the world's population is within the coverage area of PanAmSat's 19-satellite fleet.

STRATEGIES

- Pursue a satellite fleet expansion plan designed to provide unparalleled growth and back-up resources for customers worldwide;
- Continue to offer customers unique one-stop shopping for their national, regional or global satellite transmissions, along with innovative value-added services;
- Introduce valuable new satellite services and applications such as Internet distribution and HDTV; and
- Develop future service applications employing Ka-band and V-band frequencies.

THE PAST YEAR

PanAmSat successfully launched three new satellites during 1998, PAS-7, PAS-8 and PAS-6B. PAS-7 is positioned over the Indian Ocean region to serve Asia, Africa, the Middle East and eastern Europe,



PanAmSat

expanding satellite services...

PanAmSat

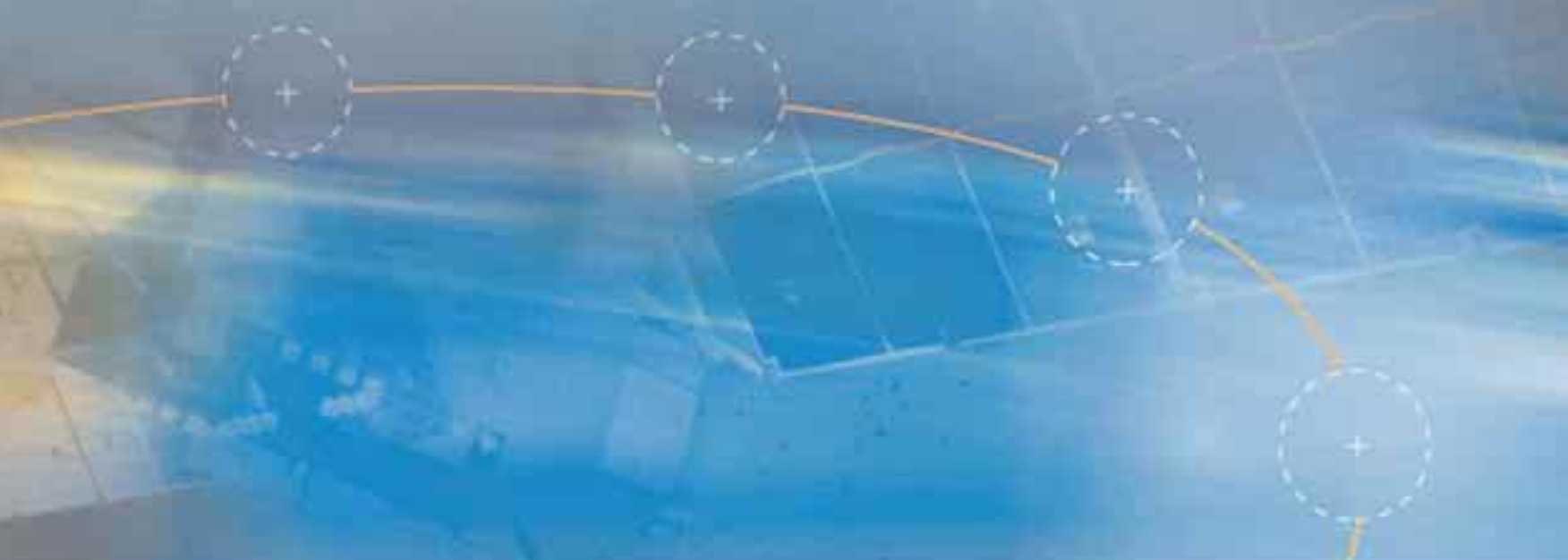
...to customers around the globe.



Video teleconferencing, carried by PanAmSat's satellite fleet, has become an essential, worldwide business tool.



Live, on-the-scene special events transmissions, such as the World Cup games, are carried for the world's top broadcasters by PanAmSat's satellite fleet.



Internet information and commerce
ideally suited for delivery by the
global satellite system of PanAmSat.



PanAmSat teleports access the U.S.
Internet backbone and deliver the
information to Internet service
providers around the world.



PanAmSat's Global Operations Center
is located outside of Atlanta, one of
seven ground facilities that support
the fleet.

P a n A m S a t

especially to meet expected growth in video and data communications markets. PAS-8, the fourth PanAmSat spacecraft serving Asia, is stationed over the Pacific Ocean. It provides full-time video distribution, as well as telecommunications and Internet services, and will support the 2000 Summer Olympic Games in Sydney, Australia. PAS-6B, built by HSC, is an HS 601HP satellite with 32 Ku-band transponders. The sixth PanAmSat spacecraft serving Latin America, PAS-6B provides dedicated service for one of the region's two direct-to-home TV companies.

During the year, PanAmSat experienced an in-orbit failure of the Galaxy IV satellite, which served U.S. video and telecommunications customers. PanAmSat restored service within hours by shifting customers to other spacecraft in its fleet of 10 satellites serving the United States. In addition, PanAmSat lost its Galaxy X satellite due to a launch vehicle failure. PanAmSat implemented a comprehensive satellite expansion and restoration plan, including procurement of a number of additional satellites and ground spares to ensure that, in the future, the company can make back-up capacity available to customers on short notice.

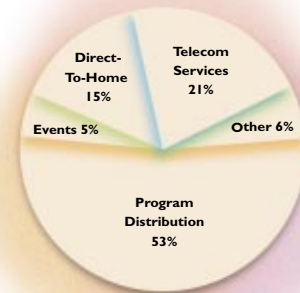
In a period of less than one month during the 1998 World Cup in France, PanAmSat distributed more than 15,000 hours of soccer matches to fans worldwide. In July, PanAmSat demonstrated to television broadcasters and programmers that it can deliver any of the various configurations for transmitting HDTV. And in December, the company introduced a new service for cable TV systems, called

SPOTcast for Cable, that offers Internet access to these systems as well as the delivery of high-bandwidth multimedia content such as digital movies, digital advertising and electronic program guides.

In 1998, PanAmSat experienced a doubling of demand from the world's Internet service providers (ISPs). In November, PanAmSat signed its first agreement with an Internet backbone provider for the use

of multiple PanAmSat satellites to deliver Internet content around the world. PanAmSat also added South Korea's largest ISP to its customer list.

In all, the company now provides international satellite connections to the Internet in nearly 50 countries, giving ISPs highly desirable access to the U.S. Internet backbone, where the vast majority of the Internet's content is being created. Connecting to the Internet by satellite is more cost-effective for international ISPs than using ter-



Percent of Business by Service

restrial telephone lines and cables, particularly in remote regions and developing countries. Satellite service also assures them of high speed and a large dedicated pipeline for Internet data.

THE YEAR AHEAD

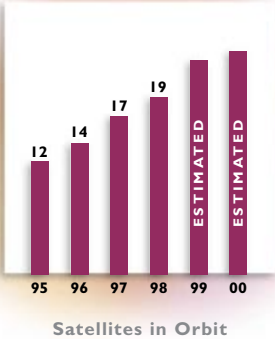
PanAmSat has six satellites on order from HSC for delivery during 1999 and 2000, along with options for up to three ground spares that could be completed and launched as replacements or supplemental satellites on an expedited basis.

Three of the satellites will serve the United States, including two of HSC's powerful new HS 702 model, and another HS 702 satellite will serve Latin America. The U.S. launches will add much needed transponder capacity to the U.S. market, which has pent-up demand for additional cable TV and telecommunications services. By the end of 2000, with six planned launches and the retirement of one satellite, PanAmSat's fleet will grow to 24 satellites that carry more than 860 transponders. This will increase its total transponder capacity by more than 60 percent from the end of 1998.

Growth opportunities abound worldwide in cable and television

broadcasting, along with the emerging areas of HDTV and high-speed broadband delivery of data, video and voice. Rapid growth is also expected in the number of international ISPs seeking satellite links to the United States and other Internet backbones.

In January 1999, PanAmSat began offering GALAXY 3D™ a new domestic digital delivery service, to U.S. television syndicators and special events programmers. GALAXY 3D gives these customers access to digital distribution platforms via nearly a dozen satellite earth stations across the United States. For syndicators, PanAmSat provides a completely managed, end-to-end digital video, audio and data transmission service that converts analog TV programming to a digital format for nationwide satellite delivery.



1998 FINANCIAL PERFORMANCE		1998 VS. 1997 INCREASE/(DECREASE)
Revenues	\$767.3 million	21.8%
EBITDA	\$553.3 million	26.3%
EBITDA Margin	72.1%	2.6 pts.
Operating Profit	\$321.6 million	8.6%

HIGHLIGHTS OF 1998

- Attained record U.S. growth while expanding its subscriber base to 4.46 million. Completed the year with nearly half a million subscribers in Latin America and more than 230,000 in Japan.
- Announced agreement to acquire United States Satellite Broadcasting Company (USSB), which will add 25 premium movie channels to DIRECTV's 185 channels of video programming in the United States.
- Entered into a strategic partnership with Thomson Multimedia to develop and distribute a new family of advanced DIRECTV™ receivers and Thomson's RCA and Proscan high definition television (HDTV) sets with integrated DIRECTV® reception capability.
- Expanded service in Latin America and the Caribbean to 20 countries, including Argentina, El Salvador and Honduras, reaching 96 percent of the region's target market.
- Completed the first year of service in Japan and initiated Asia's first interactive satellite television service.

THE BUSINESS

DIRECTV has permanently changed the television landscape on three continents by offering a superior entertainment experience.

DIRECTV leads the competition because it delivers exclusive and differentiated programming, with unparalleled quality and customer service.

In the United States, DIRECTV is the largest direct-to-home television service provider. America's subscribers receive up to 185 channels of television shows, premium movies, sports and pay-per-view events and 31 audio channels. Revenue per subscriber has increased each year, with U.S. subscribers spending an average of \$46 a month in 1998.

In Latin America and the Caribbean, with over 100 million TV households, the DIRECTV service is provided by Galaxy Latin America, LLC (GLA), a partnership that is now 70 percent owned by Hughes and includes major communications and media firms in Venezuela and Brazil. Broadcasting both in Portuguese and Spanish, GLA delivers 197 television channels and 35 audio channels. At year-end, GLA's DIRECTV subscribers were spending an average of \$42 each month.

The DIRECTV Japan partnership includes Hughes and nine Japanese firms. The service offers up to 153 television channels and 35 audio channels. Dozens of its programs have been created specifically for the Japanese market, including Asia's first interactive TV services. By year-end, DIRECTV Japan's subscribers were spending an average of \$40 a month.



DIRECTV

redefining television...

DIRECTV

...with unparalleled choice
and customer service.



DIRECTV has a movie lineup designed to thrill the most devoted film buffs, with commercial-free premium movie channels and the largest pay-per-view movie lineup available.



The most complete sports lineup is available on DIRECTV, including NFL SUNDAY TICKET – a DIRECTV mini-dish exclusive.





The Food Network, one of 185 DIRECTV channels, is hosted by world-class chefs to help viewers master new recipes and techniques.



Galaxy Latin America features some of the most acclaimed operas in the world, along with exclusive sports coverage of the Spanish and Italian soccer leagues.



DIRECTV Japan's service includes a mixture of international and Japanese programming.

STRATEGIES

Hughes' ongoing strategies for DIRECTV's market leadership and growth in the United States, Latin America and Japan are to:

- Expand channel capacity;
- Introduce exciting new interactive services;
- Broaden and strengthen distribution approaches;
- Provide more value through superior programming and unparalleled customer service; and
- Minimize "churn" (subscriber turnover).

THE PAST YEAR

United States. DIRECTV increased its subscriber base by 35 percent while adding nearly 1.2 million subscribers during 1998, its best year. December was DIRECTV's best month ever, with 183,000 new subscribers added. Since 1994, when the DIRECTV service was launched, it has captured 52 percent of all subscribers in the U.S. direct broadcast satellite (DBS) television market. Nearly three quarters of new DIRECTV subscribers are from areas where cable TV service is available. DIRECTV continued to lead both the DBS and cable industries in subscriber retention with a churn rate of

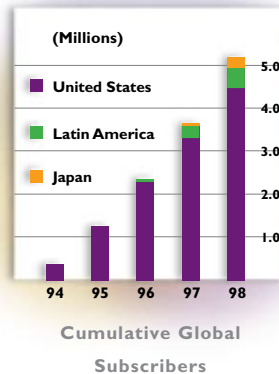
approximately 1.1 percent per month.

Powerful new marketing agreements have been launched in the United States with numerous partners, including video services divisions of several of the nation's leading telephone companies—Bell Atlantic, Southwestern Bell, GTE and Cincinnati Bell. Together, they offer links to millions of potential subscribers in 30 states.

Through such new distribution agreements, plus its national network of independent sales and service outlets, DIRECTV now has access to the majority of the 28 million American homes located in apartment complexes, townhouses and condominiums. Also, DIRECTV delivers television programming via satellite to more than 35,000 public and other commercial establishments, including half a million hotel rooms and thousands of bars, restaurants and clubs.

DIRECTV continued to improve value to America's customers by adding 12 new channels of programming, and built upon its leadership position as the number one provider of sports entertainment. DIRECTV's important arrangement making it the exclusive small-dish provider of NFL SUNDAY TICKET has been extended through 2002.

DIRECTV entered into a strategic partnership with Thomson



Multimedia that includes a 7.5 percent equity investment in Thomson. Together, DIRECTV and Thomson are developing and distributing a new family of advanced interactive DIRECTV receivers, and HDTV sets with integrated DIRECTV reception capability.

Latin America. Some 184,000 new DIRECTV subscribers were added in 1998, bringing GLA's total to more than 484,000. Service was inaugurated in eight more countries, including Argentina, El Salvador and Honduras.

GLA's transition to the new GalaxyVIII satellite has given its DIRECTV service higher power, 34 new channels and a larger footprint throughout the region. As a result of this increased capacity, GLA has expanded its programming throughout its service territory.

Japan. In its first full year of service, DIRECTV attracted 231,000 subscribers in Japan, including a record of more than 25,000 in December. Also late in the year, DIRECTV offered new channels and programming packages, and strengthened its retail distribution relationships across the nation.

Subscribers to DIRECTV in Japan have responded favorably to a new service, InteracTV,TM which provides access, for example, to up-to-the-minute local weather reports, wagering odds and sports

scores. InteracTV has created a community of viewers who can enjoy the benefits of interactivity without a computer.

USSB, PRIMESTAR AND TEMPO TRANSACTIONS

In December 1998, Hughes agreed to merge with USSB in a transaction expected to be completed by mid-1999. The transaction

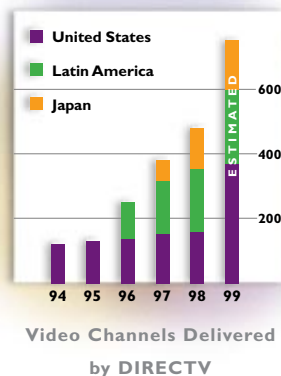
will add USSB's 25 premium movie channels, including Home Box Office and Showtime, to DIRECTV's programming and will significantly simplify DIRECTV's retail offer to consumers.

In January 1999, Hughes announced agreements to acquire PRIMESTAR's 2.3 million-subscriber medium-power DBS business, and Tempo's two high-power satellites and 11 frequencies at 119 degrees West longitude. The Tempo transaction will add

capacity for 90 channels to the DIRECTV service.

Together, the USSB, PRIMESTAR and Tempo transactions will advance DIRECTV's position as the premier digital multi-channel video platform in the United States. When they are completed, DIRECTV will:

- serve more than seven million pay-TV subscribers in the United



States, making it the third largest multi-channel television provider in the nation;

- provide more than 370 entertainment and information channels;
- expand capacity to offer new services, including premium movie channels, specialty programming, data-enhanced television, Internet access and HDTV; and
- add PRIMESTAR's outstanding network of dealers serving primarily rural and small urban areas to complement DIRECTV's nationwide retail consumer electronics distribution network.

THE YEAR AHEAD

A top priority for 1999 will be completing the USSB, PRIMESTAR and Tempo transactions and integrating their operations and assets into DIRECTV in the United States. In addition, several important initiatives will further accelerate growth on all three continents in 1999. Interactive broadcasts will become a core offering, expected to generate a significant new revenue stream. Distribution will be improved, capacity expanded, and new and differentiated services offered to attract more subscribers.

United States. DIRECTV will continue working closely with the nation's leading telephone companies to ensure that their ongoing joint marketing efforts help increase DIRECTV's market share.

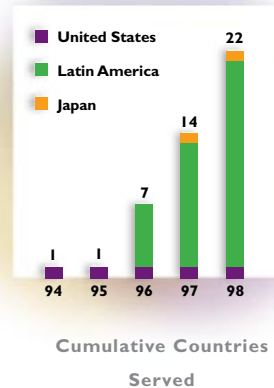
In addition to providing U.S. subscribers enhanced and interactive broadcasts on many channels, DIRECTV will offer advanced set-top boxes that enable subscribers to receive special services. These

channels, featuring full screen graphics and text, will provide subscribers with information, entertainment and electronic commerce services, along with HDTV and Internet browsing services.

A series of products will also be launched in the United States that are designed to put DIRECTV subscribers in control of the programming they watch. Viewers will be able to pause live TV and create their own TV programming line-up

based on personal preferences.

New and exclusive TV programming for America's sports fans will include the first three rounds of the NCAA men's basketball tournament, and Ivy League basketball. DIRECTV will continue to expand its programming relationships, such as the one with Action Adventure Network (AAN) that makes DIRECTV the first broad-



caster for AAN's original programming.

Latin America. Hughes has boosted its ownership of GLA and is taking a greater role in the ownership and management of DIRECTV's operations in Mexico to improve distribution, sales and subscriber retention. In addition, Hughes intends to take similar steps in other markets.

During 1999 and 2000, DIRECTV expects to launch service in Puerto Rico, Peru, Paraguay, Uruguay and the remaining countries in the region. Doing so will result in DIRECTV being available throughout its entire target market. GLA also plans to enter into additional programming relationships and add another 50 video and audio channels, including new data and interactive services.

Japan. In January 1999, the DIRECTV Japan partnership was restructured to unify the company's leadership and accelerate sub-

scriber growth. Hughes will boost its ownership to 42 percent and become the largest shareholder. DIRECTV will continue working to improve its competitive position and to expand the Japanese market for multichannel pay television. Also, DIRECTV Japan plans to offer its subscribers improved picture quality through enhanced transmission technology, and to add new interactive services.

1998 FINANCIAL PERFORMANCE		1998 VS. 1997 INCREASE/(DECREASE)
Revenues	\$1,816.1 million	42.2%
EBITDA	\$(125.8)million	N/A
Operating Profit	\$(228.1)million	N/A

Spaceway

Spaceway™ is a broadband communications platform that will provide “bandwidth-on-demand” – the ability to transmit and receive data, video, audio, and multimedia while offering customers the opportunity to use and pay for only the amount of bandwidth they need for their specific application, from e-mail to high-bandwidth, high-speed corporate networks.

In addition, Spaceway can provide an overlay to current terrestrial networks, providing network operators with a wireless extension of their existing capabilities.

Offering space-based broadband services will be a key growth opportunity for Hughes in the 21st century – and the company expects to be among the first to a market for which the demand is forecast to increase dramatically in the future.

Beginning in North America in 2002, the Spaceway platform will supply service providers – including HNS and PanAmSat – with the ability to offer customers a wide range of two-way, high-data-rate applications under their own brands. These include desktop video conferencing, distance learning, tele-imaging, corporate intranet and extranet connectivity, and Internet access.

With Spaceway, businesses, government agencies and individual consumers will have two-way, broadband service for either point-to-point or point-to-multipoint applications. For example, company branch offices will have very high-speed, interactive communications with their headquarters – and directly with other branch offices – without having to go through a central hub.

Hughes is already the market leader in VSAT corporate data networking and satellite broadband Internet businesses. By migrating these existing customers, many of which are Fortune 500 companies, to Spaceway, Hughes expects to expand the capabilities of these businesses while keeping end-user costs low enough to provide competitive advantages over terrestrial offerings.

Hughes' advanced technologies and networking services expertise are the key to Spaceway's success. The system will start with the construction and launch of two powerful HS 702 spacecraft built by HSC, and will utilize ground stations and very small satellite dishes designed by HNS. PanAmSat will provide expertise in satellite and network operations, and will resell capacity in certain markets. DIRECTV will cross-sell the services to its extensive customer base.



The HS 702's onboard digital processing, switching capabilities and spot-beam technology will combine to make Spaceway's services more cost-effective than many competing terrestrial services, while enabling Hughes to compete in entirely new satellite services markets. In addition, Spaceway's technological advancements in frequency reuse will translate into an eight-fold increase in the satellite's revenue-generating potential.

The North American business will be just the first stage of Spaceway's implementation as an integrated worldwide system. It

is anticipated that Hughes, working with its global partners, will roll out systems in other regions, including Europe, Latin America, Africa and Asia. The plan is that, as the markets and technology evolve, Hughes will add a fleet of spacecraft launched into lower earth orbits, providing additional interactive broadband services in high-traffic markets worldwide.

R e s e a r c h & D e v e l o p m e n t

Throughout Hughes, research and development is underway on state-of-the-art technologies that can improve the company's satellite and communications systems and services.

In 1998, HRL Laboratories, LLC, which is jointly owned by Hughes and Raytheon Company, developed transmitters that employ fiber optic technology to greatly increase the flow of information from point to point. This will help the telecommunications industry meet the exploding demand for new information-carrying capacity. HRL also devised fiber optic antenna manifolds that reduce the size and weight of electronically-steered phased-array antennas for HSC's satellites. Thousands of pairs of wire cables, each up to several feet in length, can be replaced with extremely thin and lightweight fiber optic lines.

Several new protocols for data transmission will facilitate ultra high-speed Internet traffic via satellite. Other Internet protocols created by HRL help ensure that the transmissions are essentially error-free.

In November, scientific teams at HRL claimed records for creating the world's fastest digital integrated circuit and a transistor

capable of operating at the highest frequency ever reported. The integrated circuit's speed represents a 10-fold improvement over current state-of-the-art fiber optic transmissions and is 100 times faster than today's fastest PC chip. It will benefit not only high-speed commercial communications systems, but also devices such as digital/analog converters that are key components in military systems. The transistor can operate at 600 billion cycles per second

and promises to be a key element in the development of future satellite receivers and broadband wireless networks. The transistor also features exceptional low-noise characteristics. In fact, amplifiers using this new HRL technology already have demonstrated record low noise.

At Hughes' Spectrolab subsidiary, solar cell experts who produce highly efficient silicon-based and gallium arsenide-based solar cells and

solar panels used to generate power for satellites achieved a new record in solar cell efficiency early in 1999. They completed the design of triple-junction solar cells that convert nearly 25 percent more of the sun's rays into spacecraft power than the best solar cells available in 1997. Over the next several years, improvements



Fiber optic antenna manifolds developed at HRL Laboratories can reduce the size and weight of satellite antennas.

in solar cell technology will significantly increase the power of HSC's spacecraft. By 2002, Hughes expects to see up to a 50 percent further increase in conversion of the sun's energy as a result of continued advances in solar cell design by Spectrolab.

And experts at Hughes Electron Dynamics, which designs and builds ion engines, achieved a first by providing such an engine to the Jet Propulsion Laboratory (JPL) for use as the primary method of propulsion on NASA's Deep Space I spacecraft. By year-end, the ion engine already had successfully operated for a longer uninterrupted time than was planned for the entire 12-month NASA mission. In its first four months of operation, Hughes' ion engine propelled Deep Space I more than 10 million miles. A commercial version, the xenon ion propulsion system (XIPS), is currently maneuvering five in-orbit HS 601HP satellites and will be used on HS 702 satellites soon to be launched.

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MANAGEMENT'S DISCUSSION & ANALYSIS

THE FOLLOWING DISCUSSION EXCLUDES PURCHASE ACCOUNTING ADJUSTMENTS RELATED TO GENERAL MOTORS' ACQUISITION OF HUGHES (SEE SUPPLEMENTAL DATA BEGINNING ON PAGE 43).

Forward-looking statements made, including those concerning expected financial performance, ongoing financial performance strategies, and possible future actions, constitute forward-looking information. Actual results may differ materially from anticipated results due to numerous conditions, uncertainties and risk factors. The principal important risk factors include, but are not limited to, economic conditions, product demand and market acceptance, government action, competition, ability to achieve cost reductions and successfully integrate acquired businesses, technological risk, ability to address the Year 2000 issue, interruptions to production attributable to causes outside of Hughes' control, the success of satellite launches, in-orbit performance of satellites and Hughes' ability to access capital to maintain its financial flexibility.

GENERAL

On December 17, 1997, Hughes Electronics Corporation ("Hughes Electronics") and General Motors Corporation ("GM"), the parent of Hughes Electronics, completed a series of transactions (the "Hughes Transactions") designed to address strategic challenges facing the three principal businesses of Hughes Electronics and unlock stockholder value in GM. The Hughes Transactions included the tax-free spin-off of the defense electronics business ("Hughes Defense") to holders of GM \$1 ²/₃ par value and Class H common stocks, the transfer of Delco Electronics Corporation ("Delco"), the automotive electronics business, to GM's Delphi Automotive Systems unit and the recapitalization of GM Class H common stock into a new tracking stock, GM Class H common stock, that is linked to the remaining telecommunications and space business. The Hughes Transactions were followed immediately by the merger of Hughes Defense with Raytheon Company ("Raytheon"). For the periods prior to the consummation of the Hughes Transactions on

December 17, 1997, Hughes Electronics, consisting of its defense electronics, automotive electronics and telecommunications and space businesses, is hereinafter referred to as former Hughes or Parent Company.

In connection with the recapitalization of Hughes Electronics on December 17, 1997, the telecommunications and space business of former Hughes, consisting principally of its direct-to-home broadcast, satellite services, satellite systems and network systems businesses, were contributed to the recapitalized Hughes Electronics. Such telecommunications and space business, both before and after the recapitalization, is hereinafter referred to as Hughes. The following discussion and accompanying financial statements pertain only to Hughes and do not pertain to balances of former Hughes related to Hughes Defense or Delco. For additional information on the basis of presentation, see Note 1 to the financial statements.

As a result of the May 1997 PanAmSat Corporation ("PanAmSat") merger (see further discussion in Note 14 to the financial statements), Hughes' 1997 financial information includes PanAmSat's results of operations from the date of merger.

During 1998, four Hughes-built satellites experienced the failure of a primary spacecraft control processor ("SCP"). Three of these satellites were owned and operated by PanAmSat and the fourth was owned by DIRECTV. With the exception of the Galaxy® IV satellite, operated by PanAmSat, control of the satellites was automatically switched to the spare SCP and the spacecraft are operating normally. The spare SCP on the Galaxy IV satellite had also failed, resulting in the loss of the satellite.

An extensive investigation by Hughes revealed that electrical shorts involving tin-plated relay switches are the most likely cause of the primary SCP failures. Although there exists the possibility of failure of other currently operating SCP's, Hughes believes the probability of a primary and spare SCP failing in one in-orbit HS-601 satellite is low. Hughes is confident that the phenomenon will not be repeated on satellites currently being built and those ready for launch. The failure of the second SCP on Galaxy IV

MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)

appears to be unrelated and is being treated as an isolated anomaly.

Battery anomalies have occurred on two other Hughes-built PanAmSat satellites. In both cases, battery cells have failed resulting in the need to shut-off a number of transponders for a brief time during twice-yearly eclipse periods. To date, the impact on customers has been minimal. There can be no assurance, however, that service to all full-time customers will not be interrupted for brief periods during future eclipse periods or that additional battery cell failures will not occur in the future. Such future service interruptions, depending on their extent, could result in a claim by affected customers for termination of their transponder agreements or the displacement of other customers. PanAmSat is developing solutions for its customers that may include transition of certain services to other PanAmSat satellites or the launch of replacement satellites.

In August 1998, Galaxy X, a PanAmSat satellite, was destroyed as a result of the launch failure of a Boeing Delta III rocket. Galaxy X was fully insured.

Hughes entered into a contract with Asia-Pacific Mobile Telecommunications Satellite Pte. Ltd. ("APMT") effective May 15, 1998, whereby Hughes was to provide to APMT a satellite-based mobile telecommunications system consisting of two satellites, a ground segment, user terminals and associated equipment and software. As part of the contract, Hughes was required to obtain all necessary U.S. Government export licenses for the APMT system by February 15, 1999. On February 24, 1999, the Department of Commerce notified Hughes that it intends to deny the export licenses required by Hughes to fulfill its contractual obligation to APMT. Hughes has until March 16, 1999 to request reconsideration of the decision. As a result of Hughes failing to obtain the export licenses, APMT has the right to terminate the contract. At this time, there are ongoing discussions between Hughes and APMT regarding the contract, and between Hughes and the U.S. Government regarding the export licenses. If the U.S. Government ultimately denies the required export licenses or APMT terminates the contract, Hughes could be required to refund \$45.0 million to APMT and record a pre-tax charge to

earnings of approximately \$100 million in 1999.

Hughes has maintained a suit against the U.S. Government since September 1973 regarding the Government's infringement and use of a Hughes patent (the "Williams Patent") covering "Velocity Control and Orientation of a Spin Stabilized Body," principally satellites. On April 7, 1998, the U.S. Court of Appeals for the Federal Circuit ("CAFC") reaffirmed earlier decisions in the Williams case including the award of \$114.0 million in damages. The CAFC ruled that the conclusions previously reached in the Williams case were consistent with the U.S. Supreme Court's findings in the Warner-Jenkinson case. The U.S. Government petitioned the CAFC for a rehearing, was denied the request, and thereafter applied for certiorari to the U.S. Supreme Court.

On March 1, 1999, the U.S. Supreme Court denied the U.S. Government's petition for certiorari. The case will be remanded back to the trial court (Court of Claims) for entry of the final judgment. While no amount has been recorded in the financial statements of Hughes to reflect the \$114.0 million award or the interest accumulating thereon as of December 31, 1998, it is expected that resolution of this matter will result in the recognition of a pre-tax gain of approximately \$150 million during 1999.

RESULTS OF OPERATIONS

1998 COMPARED TO 1997

Revenues. Hughes reported that 1998 revenues increased 16.3% to \$5,963.9 million compared with \$5,128.3 million in 1997. Each of Hughes' four primary business segments contributed to the growth in revenue, including continued strong subscriber growth in the Direct-To-Home Broadcast segment, the effect of the PanAmSat merger and increased operating lease revenues for video, data and Internet-related services in the Satellite Services segment, increased sales of DIRECTV™ receiver equipment in the Network Systems segment and increased sales of commercial satel-

lites in the Satellite Systems segment.

Direct-To-Home Broadcast segment revenues for 1998 increased 42.2% to \$1,816.1 million from \$1,276.9 million in 1997. The large increase in revenues resulted from record U.S. subscriber growth, increased average monthly revenue per subscriber and low subscriber churn rates. Domestic DIRECTV was the biggest contributor to this growth with revenues of \$1,604.1 million for 1998, a 45.4% increase over prior year's revenues of \$1,103.3 million. Hughes' Latin American DIRECTV subsidiary, Galaxy Latin America, LLC ("GLA"), had revenues of \$141.3 million compared with \$70.0 million in 1997. Total DIRECTV subscribers as of December 31, 1998 were 4,458,000 in the United States and 484,000 in Latin America. In addition, Hughes' unconsolidated affiliate, DIRECTV Japan, which initiated its service in December 1997, had a total of 231,000 subscribers as of December 31, 1998.

Revenues for the Satellite Services segment in 1998 increased 21.8% to \$767.3 million from \$629.9 million in 1997. The increase in revenues was due to the May 1997 PanAmSat merger and increased operating lease revenues from the commencement of service agreements for full-time video distribution, as well as short-term special events and an increase in data and Internet-related service agreements. The increase was partially offset by a decrease in sales and sales-type lease revenues.

Satellite Systems segment revenues increased 13.6% in 1998 to \$2,831.1 million from \$2,491.9 million in 1997 primarily due to higher commercial satellite sales to customers such as Thuraya Satellite Telecommunications Company, PanAmSat, ICO Global Communications and Orion Asia Pacific Corporation.

Revenues in 1998 for the Network Systems segment were \$1,076.7 million compared with \$1,011.3 million in 1997. The increase in revenues resulted from the growth in sales of DIRECTV receiver equipment and the increased sales of private business networks and satellite-based mobile telephony equipment offset by lower international sales of wireless telephone systems and private business networks, primarily in the Asia Pacific region.

Operating Profit. Operating profit, excluding amortization of purchase accounting adjustments related to GM's acquisition of Hughes, was \$270.1 million in 1998 compared with \$306.4 million in 1997. Full-year 1998 operating profit margin on the same basis was 4.5% compared with 6.0% in 1997. The lower 1998 operating profit and operating profit margin resulted principally from lower sales of wireless telephone systems and private business networks in the Asia Pacific region, as well as provisions for estimated losses at Hughes Network Systems ("HNS") associated with uncollectible amounts due from certain wireless customers. Also contributing to the decline was goodwill amortization associated with the May 1997 PanAmSat merger and the additional May 1998 investment in PanAmSat.

The operating loss in the Direct-To-Home Broadcast segment in 1998 was \$228.1 million compared with an operating loss of \$254.6 million in 1997. The full-year 1998 operating loss for domestic DIRECTV was \$100.0 million compared with \$137.0 million in 1997. GLA's operating loss was \$125.8 million in 1998 versus \$116.0 million in 1997. The lower operating loss for domestic DIRECTV in 1998 was principally due to increased subscriber revenues which more than offset increased sales and marketing expenditures.

As a result of the increased revenues described above, the Satellite Services segment operating profit increased 8.6% to \$321.6 million in 1998, compared with prior year's operating profit of \$296.2 million. Operating profit margin in 1998 declined to 41.9% from 47.0% in the prior year principally due to goodwill amortization associated with the PanAmSat merger; a provision for losses relating to the May 1998 failure of PanAmSat's Galaxy IV satellite and increased depreciation expense resulting from increased capital expenditures by PanAmSat.

Operating profit for the Satellite Systems segment in 1998 was \$246.3 million, an increase of 8.8% over \$226.3 million in 1997. The increase was primarily due to the higher commercial satellite sales noted above. The operating profit margin for the year was 8.7% compared with the 9.1% margin earned in the prior year.

MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)

The Network Systems segment operating profit in 1998 was \$10.9 million versus \$74.1 million in 1997 and operating profit margin declined to 1.0% from 7.3% last year. The decrease in operating profit and operating profit margin was primarily due to a \$26 million provision for estimated losses associated with the bankruptcy filing by a customer; provision for uncollectible amounts due from certain wireless customers and lower international sales of wireless telephone systems and private business networks, primarily in the Asia Pacific region.

Costs and Expenses. Selling, general and administrative expenses increased to \$1,457.0 million in 1998 from \$1,119.9 million in 1997. The increase in these expenses resulted primarily from increased marketing and subscriber acquisition costs in the Direct-To-Home Broadcast segment and increased expenditures to support the growth in the remaining business segments. The increase in depreciation and amortization expense to \$433.8 million in 1998 from \$296.4 million in 1997 resulted from increased goodwill amortization related to the May 1997 PanAmSat merger and the purchase of an additional 9.5% interest in PanAmSat in May 1998, and increased capital expenditures in the Direct-To-Home Broadcast and Satellite Services segments.

Interest Income and Expense. Interest income increased to \$112.3 million in 1998 compared to \$33.1 million in 1997 due primarily to higher cash balances resulting from the Hughes Transactions. Interest expense decreased \$73.5 million to \$17.5 million in 1998 versus \$91.0 million in 1997 resulting from the repayment of debt at the end of 1997, which originally resulted from the PanAmSat merger.

Other, net. Other, net for 1998 relates primarily to losses from unconsolidated subsidiaries of \$128.3 million, attributable principally to equity investments, including American Mobile Satellite Corporation and DIRECTV Japan, and a provision for estimated losses associated with bankruptcy filings by two customers. The amount for 1997 includes the \$489.7 million pre-tax gain recognized in connection with the May 1997 PanAmSat merger offset

by losses from unconsolidated subsidiaries of \$72.2 million.

Income Taxes. The effective income tax rate was (21.1)% in 1998 and 37.0% in 1997. The effective income tax rate in 1998 benefited from the favorable adjustment relating to an agreement with the Internal Revenue Service regarding the treatment of research and experimentation costs for the years 1983 through 1995.

Discontinued Operations and Extraordinary Item. On December 15, 1997, Hughes Avicom International, Inc. ("Hughes Avicom") was sold to Rockwell Collins, Inc., resulting in an after-tax gain of \$62.8 million. Hughes recorded an extraordinary after-tax charge of \$20.6 million in 1997 related to the refinancing of PanAmSat's debt (for additional information see Note 6 to the financial statements).

Accounting Change. In 1998, Hughes adopted American Institute of Certified Public Accountants Statement of Position ("SOP") 98-5, Reporting on the Costs of Start-Up Activities. SOP 98-5 requires that all start-up costs previously capitalized be written off and recognized as a cumulative effect of accounting change, net of taxes, as of the beginning of the year of adoption. On a prospective basis, these types of costs are required to be expensed as incurred. The unfavorable cumulative effect of this accounting change at January 1, 1998 was \$9.2 million after-tax, or \$0.02 per share of GM Class H common stock.

Earnings. 1998 earnings were \$271.7 million, or \$0.68 per share of GM Class H common stock, compared with 1997 earnings of \$470.7 million, \$1.18 per share of GM Class H common stock on a pro forma basis. 1997 earnings per share are presented on a pro forma basis assuming the recapitalized GM Class H common stock was outstanding for all of 1997 (see further discussion in Note 13 to the financial statements).

Backlog. The 1998 year-end backlog of \$10,064.9 million decreased from the \$10,337.6 million reported at the end of 1997, primarily due to a decrease in the Satellite Services segment.

1997 COMPARED TO 1996

Revenues. Hughes reported that 1997 revenues increased 27.9% to \$5,128.3 million compared with \$4,008.7 million in 1996. The increase reflects strong subscriber growth in the Direct-To-Home Broadcast segment, increased revenues in the Satellite Services segment resulting primarily from the PanAmSat merger and increased sales on commercial satellite programs in the Satellite Systems segment.

Direct-To-Home Broadcast segment revenues more than doubled to \$1,276.9 million from \$621.0 million in 1996. This increase resulted from strong subscriber growth and continued low subscriber churn rates. Domestic DIRECTV fueled this growth with revenues of \$1,103.3 million, a 78.5% increase over prior year's revenues of \$618.2 million. GLA had revenues of \$70.0 million compared with \$2.7 million in 1996. Total DIRECTV subscribers as of December 31, 1997 were 3,301,000 in the United States and 300,000 in Latin America. DIRECTV Japan initiated its service in December 1997.

Revenues for the Satellite Services segment in 1997 increased 30.5% to \$629.9 million from \$482.8 million in 1996. The increased revenues were due to the PanAmSat merger and increased operating lease revenues for both video distribution and business communications services. PanAmSat's services were expanded in 1997 with the successful launch of two dedicated direct-to-home ("DTH") satellites and a new cable TV distribution satellite in Latin America leading to an increase in total transmission capability since the May merger.

Satellite Systems segment revenues increased 21.2% in 1997 to \$2,491.9 million from \$2,056.4 million in 1996 primarily due to higher commercial satellite sales within the High Powered product line of satellites and on the ICO Global Communications satellite contracts.

Revenues in 1997 for the Network Systems segment were \$1,011.3 million compared with \$1,070.0 million in 1996. The decline was primarily due to lower domestic mobile cellular telephone equipment sales, which were partially offset by higher satellite-based mobile telephony equipment sales.

Operating Profit. Operating profit for Hughes increased to \$306.4 million in 1997 from \$210.1 million in 1996. The 45.8% increase reflects reduced losses in the Direct-To-Home Broadcast segment, higher commercial satellite sales and the completion of the PanAmSat merger.

The operating loss in the Direct-To-Home Broadcast segment in 1997 was \$254.6 million compared with an operating loss of \$319.8 million in 1996. The full-year 1997 operating loss for domestic DIRECTV was \$137.0 million compared with \$192.0 million in 1996. GLA's operating loss was \$116.0 million in 1997 versus \$131.0 million in 1996. The lower operating losses in 1997 were principally due to increased subscriber revenues which more than offset higher marketing and subscriber related expenditures.

The Satellite Services segment operating profit was \$296.2 million in 1997, an increase of 22.2% over the prior year's operating profit of \$242.4 million. The increase resulted primarily from the PanAmSat merger and increased operating lease revenues for both video distribution and business communications services. Operating profit margin in 1997 declined to 47.0% from 50.2% in the prior year principally due to goodwill amortization associated with the PanAmSat merger.

Operating profit for the Satellite Systems segment in 1997 was \$226.3 million, an increase of 23.5% over \$183.3 million in 1996. The increase was primarily due to the higher commercial program sales noted above. The operating profit margin for the year was 9.1% compared with 8.9% in the prior year.

The Network Systems segment operating profit in 1997 was \$74.1 million versus \$107.7 million in 1996 and operating profit margin declined to 7.3% from 10.1% last year. These decreases were primarily the result of lower domestic mobile cellular telephone equipment sales, increased research and development expenditures and higher marketing expenditures associated with the launch of the DirecPC®/DirecDuo™ products.

Costs and Expenses. Selling, general and administrative expenses increased to \$1,119.9 million in 1997 from \$788.5 million in 1996. The increase resulted principally from the PanAmSat merger; increased program-

MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)

ming and subscriber acquisition costs in the Direct-To-Home Broadcast segment and increased research and development and marketing expenditures in the Network Systems segment. The increase in depreciation and amortization expense to \$296.4 million in 1997 from \$194.6 million in 1996, resulted from increased goodwill amortization related to the PanAmSat merger and additional satellite depreciation in 1997.

Interest Income and Expense. Interest income increased \$26.3 million in 1997 compared to 1996 due primarily to higher cash balances resulting from the PanAmSat merger as well as increased cash resulting from the Hughes Transactions. Interest expense increased \$48.1 million in 1997 versus 1996 due to the increased borrowings resulting from the PanAmSat merger.

Other, net. The 1997 amount included a \$489.7 million pre-tax gain related to the PanAmSat merger, partially offset by losses from unconsolidated subsidiaries of \$72.2 million attributable principally to equity investments in American Mobile Satellite Corporation, DIRECTV Japan and SurFin Ltd. ("SurFin"). The 1996 amount included a \$120.3 million pre-tax gain recognized from the sale of 2.5% of DIRECTV to AT&T, partially offset by losses from unconsolidated subsidiaries of \$42.2 million, primarily related to American Mobile Satellite Corporation.

Income Taxes. The effective income tax rate was 37.0% in 1997 and 43.1% in 1996. The decrease in the effective income tax rate in 1997 was due primarily to an increase in research and development credits and favorable resolution of certain tax contingencies in 1997.

Discontinued Operations and Extraordinary Item. On December 15, 1997, Hughes Avicom was sold to Rockwell Collins, Inc., resulting in an after-tax gain of \$62.8 million. Hughes recorded an extraordinary after-tax charge of \$20.6 million in 1997 related to premiums paid for the refinancing of PanAmSat's debt (for additional information see Note 6 to the financial statements).

Earnings. 1997 earnings were \$470.7 million, or \$1.18 per share of GM Class H common stock on a pro forma basis, compared with 1996 earnings

of \$183.5 million, \$0.46 per share of GM Class H common stock on a pro forma basis. Earnings per share are presented on a pro forma basis assuming the recapitalized GM Class H common stock was outstanding during all periods presented (see further discussion in Note 13 to the financial statements).

Backlog. The 1997 year-end backlog of \$10,337.6 million increased from the \$6,780.5 million reported at the end of 1996, primarily due to the PanAmSat merger.

LIQUIDITY AND CAPITAL RESOURCES

Cash and Cash Equivalents. Cash and cash equivalents were \$1,342.1 million at December 31, 1998 compared to \$2,783.8 million at December 31, 1997. The decrease in cash resulted primarily from the purchase of an additional 9.5% interest in PanAmSat, expenditures for PanAmSat and DIRECTV satellites, other equity investments and cash paid to General Motors for the Delco post-closing price adjustment, offset in part by proceeds from insurance claims related to the loss of the Galaxy IV and Galaxy X satellites.

Cash provided by continuing operations was \$875.2 million in 1998, compared to \$10.5 million in 1997 and \$367.4 million in 1996. The change in 1998 from 1997 resulted primarily from increased revenues and a decrease in working capital, while the change in 1997 from 1996 resulted primarily from an increase in working capital.

Net cash used in investing activities was \$2,253.3 million in 1998, \$2,231.5 million in 1997 and \$80.5 million in 1996. The increase in 1998 investing activities reflects the purchase of an additional 9.5% interest in PanAmSat, the early buy-out of satellite sale-leasebacks at PanAmSat and an increase in expenditures for satellites compared to 1997, offset in part by proceeds from insurance claims related to the loss of the Galaxy IV and Galaxy X satellites. The increase in 1997 investing activities reflects the repurchase of AT&T's 2.5% equity interest in DIRECTV, the PanAmSat merger, and an increase in satellites and equity investments compared to

1996, offset by proceeds received from the sale of Hughes Avicom and the sale of investments.

Net cash used in financing activities was \$63.6 million in 1998, compared with net cash provided by financing activities of \$5,014.0 million in 1997 and net cash used in financing activities of \$279.8 million in 1996. 1998 financing activities include the payment to General Motors for the Delco post-closing price adjustment stemming from the Hughes Transactions, offset in part by net long-term borrowings. 1997 financing activities reflect the impact of the PanAmSat merger, the Hughes Transactions and cash contributions from Parent Company, while the 1996 amount consisted of cash distributions to Parent Company.

Liquidity Measurement. As a measure of liquidity, the current ratio (ratio of current assets to current liabilities) at December 31, 1998 and 1997 was 1.91 and 3.29, respectively. Working capital decreased by \$1,486.4 million to \$1,836.9 million at December 31, 1998 from \$3,323.3 million at December 31, 1997. The change in working capital resulted principally from the decrease in cash discussed above.

Property and Satellites. Property, net of accumulated depreciation, increased \$169.5 million to \$1,059.2 million in 1998 from the \$889.7 million reported in 1997. Satellites, net of accumulated depreciation, increased \$554.1 million to \$3,197.5 million in 1998 from the \$2,643.4 million reported in 1997. The increase in property and satellites resulted primarily from the construction of an additional broadcast center and increased capital expenditures for satellites. Capital expenditures, including expenditures related to satellites, increased to \$1,428.5 million in 1998 from \$826.6 million in 1997. The increase reflects additions to property and equipment to support revenue growth at various Hughes businesses, as well as additional satellites to support future operations, the replacement of certain satellites, including Galaxy X, and to provide spare satellites as part of Hughes' satellite sparing strategy.

Dividend Policy and Use of Cash. As discussed in Note 13 to the financial statements, since the completion of the Hughes Transactions in late 1997,

the GM Board has not paid, and does not currently intend to pay in the foreseeable future, cash dividends on GM Class H common stock. Future Hughes earnings, if any, are expected to be retained for the development of the businesses of Hughes. Expected cash requirements in 1999 relate to capital expenditures for property and equipment and expenditures for additional satellites of approximately \$1.9 billion, the early buy-out of satellite sale-lease-backs, the funding of business acquisitions, including the acquisitions discussed on the next page, and additional equity investments. These cash requirements are expected to be funded from a combination of existing cash balances, amounts available under existing credit facilities, additional borrowings and equity offerings, as needed. Also, although Hughes may be required to make a cash payment to or receive a cash payment from Raytheon, the amount of a cash payment to or from Raytheon, if any, is not determinable at this time. See further discussion in Note 18 to the financial statements.

Debt and Credit Facilities. In January 1998, PanAmSat issued five, seven, ten and thirty-year notes totaling \$750.0 million. The proceeds received were used by PanAmSat to repay the revolving credit facility of \$500.0 million and bridge loan of \$100.0 million outstanding at December 31, 1997. The outstanding principal balances and interest rates for the five, seven, ten and thirty-year notes as of December 31, 1998 were \$200.0 million at 6.00%, \$275.0 million at 6.13%, \$150.0 million at 6.38% and \$125.0 million at 6.88%, respectively. Principal on the notes is payable at maturity, while interest is payable semi-annually.

At December 31, 1998, Hughes' 59.1% owned subsidiary, SurFin, had a total of \$155.9 million outstanding under two separate \$150.0 million unsecured revolving credit facilities. The first matures on April 30, 1999 and the second matures on July 31, 1999. Both credit facilities, which are expected to be renewed, are subject to a facility fee of 0.10% per annum. Borrowings under these credit facilities bear interest at the Eurodollar Rate plus 0.15%.

At December 31, 1998, other long-term debt of \$28.9 million, which consisted of notes bearing fixed rates of interest of 9.61% to 11.11%, was

MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)

outstanding. Principal is payable at maturity in April 2007 while interest is payable semi-annually.

Hughes has \$1.0 billion of unused credit available under two unsecured revolving credit facilities, consisting of a \$750.0 million multi-year facility and a \$250.0 million 364-day facility. The multi-year credit facility provides for a commitment of \$750.0 million through December 5, 2002, subject to a facility fee of 0.07% per annum. Borrowings bear interest at a rate which approximates the London Interbank Offered Rate ("LIBOR") plus 0.155%. The 364-day credit facility provides for a commitment of \$250.0 million through December 1, 1999, subject to a facility fee of 0.05% per annum. Borrowings bear interest at a rate which approximates LIBOR plus 0.25%, with an additional 0.125% utilization fee when borrowings exceed 50% of the commitment. No amounts were outstanding under either facility at December 31, 1998. These facilities provide backup capacity for Hughes' \$1.0 billion commercial paper program. No amounts were outstanding under the commercial paper program at December 31, 1998.

PanAmSat maintains a \$500.0 million multi-year revolving credit facility that provides for short-term and long-term borrowings and a \$500.0 million commercial paper program that provides for short-term borrowings. The multi-year revolving credit facility provides for a commitment through December 24, 2002, subject to a facility fee of 0.10% per annum. Borrowings bear interest at a rate which approximates LIBOR plus 0.30%. Borrowings under the credit facility and commercial paper program are limited to \$500.0 million in the aggregate. No amounts were outstanding under either agreement at December 31, 1998.

Acquisitions and Divestitures. On January 22, 1999, Hughes agreed to acquire Primestar, Inc.'s ("Primestar") 2.3 million-subscriber medium-power DTH business. In a related transaction, Hughes also agreed to acquire the high-power satellite assets and direct broadcast satellite ("DBS") orbital frequencies of Tempo, a wholly-owned subsidiary of TCI Satellite Entertainment, Inc. The acquisitions will be accounted for using the purchase method of

accounting. The purchase price for the DTH business will be comprised of \$1.1 billion in cash and 4,871,448 shares of GM Class H common stock, for a total purchase price of \$1,325.0 million. The DTH transaction, pending regulatory and Primestar lender approval, is expected to close in early to mid-1999. The purchase price for the Tempo assets consists of \$500.0 million in cash, \$150.0 million of which is expected to be paid in early to mid-1999, and \$350.0 million which is payable upon Federal Communications Commission approval of the transfer of the DBS orbital frequencies, which is expected in mid to late-1999.

In December 1998, Hughes agreed to acquire all of the outstanding capital stock of United States Satellite Broadcasting Company, Inc. ("USSB"). USSB provides DTH premium satellite programming in conjunction with DIRECTV's basic programming service. USSB launched its service in June 1994 and, as of December 31, 1998, had more than two million subscribers nationwide. The acquisition will be accounted for using the purchase method of accounting. The purchase price, consisting of cash and GM Class H common stock, will be determined at closing based upon an agreed-upon formula and will not exceed \$1.6 billion in the aggregate. Subject to certain limitations in the merger agreement, USSB shareholders will be entitled to elect to receive cash or shares of GM Class H common stock. The amount of cash to be paid in the merger cannot be less than 30% or greater than 50% of the aggregate purchase price with the remaining consideration consisting of GM Class H common stock. The merger, which is subject to USSB shareholder approval and the receipt of appropriate regulatory approval, is expected to close in early to mid-1999.

In October 1998, Hughes agreed to acquire, pending regulatory approval in Mexico, an additional ownership interest in Grupo Galaxy Mexicana, S.A. de C.V. ("GGM"), a GLA local operating company located in Mexico, from Grupo MVS, S.A. de C.V. ("MVS"). Hughes' equity ownership will represent 49.0% of the voting equity and all of the non-voting equity of GGM. The GGM transaction will be accounted for using the purchase method of

accounting. As part of the GGM transaction, in October 1998 Hughes acquired from MVS an additional 10.0% interest in GLA, increasing its ownership interest to 70.0%, as well as an additional 19.8% interest in SurFin, a company providing financing of subscriber receiver equipment for certain GLA local operating companies located in Latin America and Mexico, increasing its ownership percentage from 39.3% to 59.1%. The GLA and SurFin transactions were accounted for using the purchase method of accounting. The increased ownership in SurFin resulted in its consolidation since the date of acquisition. The aggregate purchase price for the transactions was \$197.0 million in cash. The GGM transaction received regulatory approval and closed in February 1999.

In May 1998, Hughes purchased an additional 9.5% interest in PanAmSat for \$851.4 million in cash, increasing Hughes' ownership interest in PanAmSat from 71.5% to 81.0%.

In May 1997, Hughes and PanAmSat completed the merger of their respective satellite service operations into a new publicly-held company, which retained the name PanAmSat Corporation. Hughes contributed its Galaxy® satellite services business in exchange for a 71.5% interest in the new company. Existing PanAmSat stockholders received a 28.5% interest in the new company and \$1.5 billion in cash. Such cash consideration and other funds required to consummate the merger were funded by new debt financing totaling \$1,725.0 million borrowed from GM, which was subsequently repaid in December 1997.

On December 15, 1997, Hughes sold substantially all of the assets and liabilities of the Hughes Avicom business to Rockwell Collins, Inc. for cash, which resulted in an after-tax gain of \$62.8 million. Hughes Avicom is treated as a discontinued operation for all periods presented.

In March 1996, Hughes Electronics sold a 2.5% equity interest in DIRECTV to AT&T for \$137.5 million, with options to increase their ownership interest under certain conditions. The sale resulted in a \$120.3 million pre-tax gain, which was included in other income. In December 1997,

Hughes repurchased from AT&T the 2.5% equity interest in DIRECTV for \$161.8 million, ending AT&T's marketing agreement to distribute the DIRECTV® direct broadcast satellite television service and DIRECTV receiver equipment.

New Accounting Standards. In June 1998, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards ("SFAS") No. 133, Accounting for Derivative Instruments and Hedging Activities. SFAS No. 133 requires all derivatives to be recorded as either assets or liabilities and the instruments to be measured at fair value. Gains or losses resulting from changes in the values of those derivatives are to be recognized immediately or deferred depending on the use of the derivative and whether or not it qualifies as a hedge. Hughes plans to adopt SFAS No. 133 by January 1, 2000, as required. Management is currently assessing the impact of this statement on Hughes' results of operations and financial position.

YEAR 2000

Many computer technologies made or used by Hughes throughout its business have the potential for operational problems if they lack the ability to handle the transition to the Year 2000. Computer technologies include both information technology ("IT") in the form of hardware and software, as well as non-information technology ("Non-IT") which include embedded technology such as microprocessors.

Because of the potential disruption that this issue could cause to Hughes' business operations and its customers, a comprehensive, company-wide, Year 2000 program was initiated in 1996 to identify and remediate potential Year 2000 problems. The Year 2000 program addresses both IT and Non-IT systems, related to internal systems and Hughes' products and services.

Hughes' Year 2000 program is being implemented in seven phases, some of which are being conducted concurrently:

1) Awareness - establish project teams made up of project leaders from

MANAGEMENT'S DISCUSSION & ANALYSIS (CONTINUED)

each Hughes operating company, assign responsibilities and establish awareness of Year 2000 issues. The awareness phase has been completed.

- 2) Inventory - identify all systems within Hughes, determine if they are critical and identify responsible personnel for compliance. The inventory phase has been completed. Many of Hughes' systems are already Year 2000 compliant, or had already been scheduled for replacement as part of Hughes' ongoing systems plans.
 - 3) Assessment - categorize all systems and determine activities that are required to achieve compliance, including contacting and assessing the Year 2000 readiness of material third party vendors and suppliers of hardware and software. The assessment phase is substantially complete. All critical systems have been identified in this phase and are the primary focus of the project teams. Critical systems identified requiring remediation include satellite control and communication software, broadcast systems, systems utilized in customer service/billing, engineering and manufacturing operations. Hughes has also identified the need to upgrade network control software for customers who have maintenance agreements with Hughes. Hughes' in-orbit satellites do not have date dependent processing.
 - 4) Remediation - modify, repair or replace categorized systems. Remediation has begun on many systems and is targeted for completion by the end of the second quarter of 1999, with the exception of satellite control software which is expected to be completed early in the fourth quarter of 1999.
 - 5) Testing - test remediated systems to assure normal function when placed in their original operating environment and further test for Year 2000 compliance. Overall testing is completed at approximately the same time as remediation due to the overlap of the remediation and testing phases. Testing is currently underway and is expected to be a primary focus of the project teams over the next several quarters. Hughes expects to complete this phase shortly after the remediation phase, with on-going review and follow-up.
 - 6) Implementation - once a remediated system and its interfaces have been successfully tested, the system will be put into its operating environment. A number of remediated systems have already been put back into operations. The remaining remediated systems will be put into operations during 1999.
 - 7) Contingency Planning - development and execution of plans that narrow the focus on specific areas of significant concern and concentrate resources to address them. All Year 2000 critical systems are expected to be Year 2000 compliant by the end of 1999. However, Hughes is in the process of developing contingency plans to address the risk of any system not being Year 2000 compliant and expects to complete such plans in the third quarter of 1999. Hughes currently believes that the most reasonably likely worst case scenario is a temporary loss of functionality in satellite control and communication software. The loss of real-time satellite control software functionality would be addressed through the use of back-dated processors or through manual procedures but could result in slightly higher operating costs until the Year 2000 problems are corrected.
- Hughes is utilizing both internal and external resources for the remediation and testing of its systems that are undergoing Year 2000 modification. Hughes' Year 2000 program is on schedule. Hughes has incurred and expensed approximately \$2.0 million through 1997 and approximately \$7.0 million during 1998, related to the assessment of, and on-going efforts in connection with, its Year 2000 program. Future spending for system remediation and testing are currently estimated to be from \$15 million to \$19 million, with the majority of the expense expected to be incurred during the first half of 1999. Each Hughes operating company is funding its respective Year 2000 efforts with current and future operating cash flows.
- Hughes has mailed Year 2000 verification request letters to its suppliers and other third parties and is coordinating efforts to assess and reduce the

risk that Hughes' operations could be adversely affected by the failure of these third parties to adequately address the Year 2000 issue. A high percentage of the third parties have replied and a large number of Hughes' third parties' systems are Year 2000 compliant or are expected to be Year 2000 compliant in a timely manner. For those third party systems that are not yet Year 2000 compliant, Hughes will continue to identify action plans or alternatives to meet Hughes' requirements.

In view of the foregoing, Hughes does not currently anticipate that it will experience a significant disruption of its business as a result of the Year 2000 issue. However, there is still uncertainty about the broader scope of the Year 2000 issue as it may affect Hughes and third parties that are critical to Hughes' operations. For example, lack of readiness by electrical and water utilities, financial institutions, governmental agencies or other providers of general infrastructure could pose significant impediments to Hughes' ability to carry on its normal operations. If the modifications and conversions required to make Hughes Year 2000 ready are not made or are not completed on a timely basis and in the event that Hughes is unable to implement adequate contingency plans in the event that problems are encountered internally or externally by third parties, the resulting problems could have a material adverse effect on Hughes' results of operations and financial condition.

SECURITY RATINGS

In March 1999, Standard and Poor's Rating Services ("S&P") lowered the long-term debt rating of Hughes from A- to BBB. The S&P BBB credit rating indicates that issuer has adequate capacity to pay interest and repay principal. Additionally, S&P affirmed its A-2 rating on Hughes' commercial paper. The A-2 commercial paper rating is the third highest category available and indicates a strong degree of safety regarding timely payment. S&P's ratings outlook for Hughes remains developing.

In January 1999, Moody's Investors Service ("Moody's") lowered the long-

term credit rating of Hughes from A-3 to Baa1. The Baa1 rating for senior debt is sixth highest within the 10 investment grade ratings available from Moody's for long-term debt. Moody's ratings for Hughes' commercial paper remained unchanged at P-2. The rating is the second highest rating available and indicates that the issuer has a strong ability for repayment relative to other issuers. Currently, the Moody's ratings are under review.

Debt ratings by the various rating agencies reflect each agency's opinion of the ability of issuers to repay debt obligations punctually. The lowered ratings reflect increased financial leverage at Hughes resulting from significant acceleration of its growth initiatives, including the recently announced USSB, Primestar and Tempo transactions. Lower ratings generally result in higher borrowing costs. A security rating is not a recommendation to buy, sell, or hold securities and may be subject to revision or withdrawal at any time by the assigning rating organization. Each rating should be evaluated independently of any other rating.

MARKET RISK DISCLOSURE

The following discussion and the estimated amounts generated from the sensitivity analyses referred to on the next page include forward-looking statements of market risk which assume for analytical purposes that certain adverse market conditions may occur. Actual future market conditions may differ materially from such assumptions because the amounts noted below are the result of analyses used for the purpose of assessing possible risks and the mitigation thereof. Accordingly, the forward-looking statements should not be considered projections by Hughes of future events or losses.

General

Hughes' cash flows and earnings are subject to fluctuations resulting from changes in foreign currency exchange rates, interest rates and changes in the market value of its equity investments. Hughes manages its exposure to

MANAGEMENT'S DISCUSSION & ANALYSIS (CONCLUDED)

these market risks through internally established policies and procedures and, when deemed appropriate, through the use of derivative financial instruments. Hughes' policy does not allow speculation in derivative instruments for profit or execution of derivative instrument contracts for which there are no underlying exposures. Hughes does not use financial instruments for trading purposes and is not a party to any leveraged derivatives.

Foreign Currency Risk

Hughes generally conducts its business in U.S. dollars with a small amount of business conducted in a variety of foreign currencies and therefore is exposed to fluctuations in foreign currency exchange rates. Hughes' objective in managing the exposure to foreign currency changes is to reduce earnings and cash flow volatility associated with foreign exchange rate fluctuations to allow management to focus its attention on its core business issues and challenges. Accordingly, Hughes primarily enters into foreign exchange-forward contracts to protect the value of its existing assets, liabilities and firm commitments. Foreign exchange-forward contracts are legal agreements between two parties to purchase and sell a foreign currency, for a price specified at the contract date, with delivery and settlement in the future. At December 31, 1998, the impact of a hypothetical 10% adverse change in exchange rates on the fair values of foreign exchange-forward contracts and foreign currency denominated assets and liabilities would not be significant.

Investments

Hughes maintains investments in publicly-traded common stock of unaffiliated companies and is therefore subject to equity price risk. These investments are classified as available-for-sale and, consequently, are reflected in the balance sheet at fair value with unrealized gains or losses, net of taxes, recorded as part of accumulated other comprehensive income (loss), a separate component of owner's equity. At December 31, 1998, the fair value of the investments in such common stock was \$8.0 million. The investments

were valued at the market closing price at December 31, 1998. No actions have been taken by Hughes to hedge this market risk exposure. A 20% decline in the market price of both investments would cause the fair value of the investments in common stock to decrease by \$1.6 million.

In December 1998, Hughes agreed to acquire all of the outstanding capital stock of USSB. The purchase price, consisting of cash and GM Class H common stock, will be determined at closing based upon an agreed-upon formula and will not exceed \$1.6 billion in the aggregate. Subject to certain limitations in the merger agreement, USSB shareholders will be entitled to elect to receive cash or shares of GM Class H common stock. The amount of cash to be paid in the merger cannot be less than 30% or greater than 50% of the aggregate purchase price with the remaining consideration consisting of GM Class H common stock. The merger, which is subject to USSB shareholder approval and the receipt of appropriate regulatory approval, is expected to close in early to mid-1999. See further discussion in Note 14 to the financial statements.

Interest Rate Risk

Hughes is subject to interest rate risk related to its \$934.8 million of debt outstanding at December 31, 1998. Debt, which is classified as held-to-maturity, consisted of PanAmSat's fixed-rate borrowings of \$750.0 million, SurFin's variable rate borrowings of \$155.9 million and Hughes' fixed-rate borrowings of \$28.9 million. Hughes is subject to fluctuating interest rates which may adversely impact its results of operations and cash flows for its variable rate bank borrowings. Fluctuations in interest rates may also adversely effect the market value of Hughes' fixed-rate borrowings. At December 31, 1998, outstanding borrowings bore interest at rates ranging from 5.55% to 11.11%. The potential fair value loss resulting from a hypothetical 10% decrease in interest rates related to Hughes' outstanding debt would be approximately \$32.5 million.

In connection with debt refinancing activities by PanAmSat in 1997,

PanAmSat entered into certain U.S. Treasury rate lock contracts to reduce its exposure to fluctuations in interest rates. The aggregate notional value of these contracts was \$375.0 million and these contracts were accounted for as hedges. The cost to settle these instruments in 1998 was \$9.1 million and is being amortized to interest expense over the term of the related debt securities.

Credit Risk

Hughes is exposed to credit risk in the event of non-performance by the counterparties to its foreign exchange-forward contracts. While Hughes believes this risk is remote, credit risk is managed through the periodic monitoring and approval of financially sound counterparties.

SUPPLEMENTAL DATA

The financial statements reflect the application of purchase accounting adjustments as described in Note 1 to the financial statements. However, as provided in GM's Restated Certificate of Incorporation, the earnings attributable to GM Class H common stock for purposes of determining the amount available for the payment of dividends on GM Class H common stock specifically excludes such adjustments. More specifically, amortization of the intangible assets associated with GM's purchase of Hughes amounted to \$21.0 million in 1998, 1997 and 1996. Such amounts are excluded from the earnings available for the payment of dividends on GM Class H common stock and are charged against earnings available for the payment of dividends on GM's \$1 ²/₃ par value common stock. Unamortized purchase accounting adjustments associated with GM's purchase of Hughes were \$426.6 million, \$447.6 million and \$468.6 million at December 31, 1998, 1997 and 1996, respectively.

In order to provide additional analytical data to the users of Hughes' financial information, supplemental data in the form of unaudited summary pro forma financial data are provided. Consistent with the basis on which earnings of Hughes available for the payment of dividends on the GM Class H common stock is determined, the pro forma data exclude purchase accounting adjustments related to General Motors' acquisition of Hughes. Included in the supplemental data are certain financial ratios which provide measures of financial returns excluding the impact of purchase accounting adjustments. The pro forma data are not presented as a measure of GM's total return on its investment in Hughes.

UNAUDITED SUMMARY PRO FORMA FINANCIAL DATA*

PRO FORMA CONDENSED STATEMENT OF INCOME		Years Ended December 31,		
(Dollars in Millions Except Per Share Amounts)	1998	1997	1996	
Total revenues	\$ 5,963.9	\$ 5,128.3	\$ 4,008.7	
Total costs and expenses	5,693.8	4,821.9	3,798.6	
Operating profit	270.1	306.4	210.1	
Non-operating (expense) income	(58.3)	332.8	33.0	
Income taxes	(44.7)	236.7	104.8	
Minority interests in net losses of subsidiaries	24.4	24.8	52.6	
Income (loss) from discontinued operations	-	64.0	(7.4)	
Extraordinary item	-	(20.6)	-	
Cumulative effect of accounting change	(9.2)	-	-	
Earnings Used for Computation of				
Available Separate Consolidated Net Income	\$ 271.7	\$ 470.7	\$ 183.5	
Earnings Attributable to General Motors				
Class H Common Stock on a Per Share Basis:				
Income from continuing operations before extraordinary item				
and cumulative effect of accounting change	\$ 0.70	\$ 1.07	\$ 0.48	
Discontinued operations	-	0.16	(0.02)	
Extraordinary item	-	(0.05)	-	
Cumulative effect of accounting change	(0.02)	-	-	
Earnings Attributable to General Motors				
Class H Common Stock	\$ 0.68	\$ 1.18	\$ 0.46	

* The summary excludes purchase accounting adjustments related to GM's acquisition of Hughes.

UNAUDITED SUMMARY PRO FORMA FINANCIAL DATA* (CONTINUED)

PRO FORMA CONDENSED BALANCE SHEET (Dollars in Millions)	December 31,	
	1998	1997
ASSETS		
Total Current Assets	\$ 3,846.4	\$ 4,773.1
Satellites, net	3,197.5	2,643.4
Property, net	1,059.2	889.7
Net Investment in Sales-type Leases	173.4	337.6
Intangible Assets, Investments and Other Assets, net	4,731.9	3,639.6
Total Assets	\$13,008.4	\$12,283.4
LIABILITIES AND OWNER'S EQUITY		
Total Current Liabilities	\$ 2,009.5	\$ 1,449.8
Long-Term Debt	778.7	637.6
Postretirement Benefits Other Than Pensions, Other Liabilities and Deferred Credits	1,783.2	1,724.1
Minority Interests	481.7	607.8
Total Owner's Equity ⁽¹⁾	7,955.3	7,864.1
Total Liabilities and Owner's Equity ⁽¹⁾	\$13,008.4	\$12,283.4

Certain 1997 amounts have been reclassified to conform with the 1998 presentation.

* The summary excludes purchase accounting adjustments related to GM's acquisition of Hughes.

(1) General Motors' equity in its wholly-owned subsidiary, Hughes. Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes, but rather have rights in the equity and assets of GM (which includes 100% of the stock of Hughes).

UNAUDITED SUMMARY PRO FORMA FINANCIAL DATA* (CONTINUED)

PRO FORMA SELECTED SEGMENT DATA

(Dollars in Millions)	Direct-To-Home Broadcast	Satellite Services	Satellite Systems	Network Systems	Eliminations and Other	Total
1998						
Total Revenues	\$ 1,816.1	\$ 767.3	\$ 2,831.1	\$ 1,076.7	\$ (527.3)	\$ 5,963.9
Operating (Loss) Profit	(228.1)	321.6	246.3	10.9	(80.6)	270.1
Operating Profit Margin	N/A	41.9%	8.7%	1.0%	N/A	4.5%
Depreciation and Amortization	\$ 102.3	\$ 231.7	\$ 49.2	\$ 41.7	\$ 8.9	\$ 433.8
Segment Assets	2,190.4	5,824.2	1,491.2	1,299.0	2,203.6	13,008.4
Capital Expenditures ⁽¹⁾	230.8	921.7	99.7	40.0	136.3	1,428.5
1997						
Total Revenues	\$ 1,276.9	\$ 629.9	\$ 2,491.9	\$ 1,011.3	\$ (281.7)	\$ 5,128.3
Operating (Loss) Profit	(254.6)	296.2	226.3	74.1	(35.6)	306.4
Operating Profit Margin	N/A	47.0%	9.1%	7.3%	N/A	6.0%
Depreciation and Amortization	\$ 86.1	\$ 141.9	\$ 39.4	\$ 32.0	\$ (3.0)	\$ 296.4
Segment Assets	1,408.7	5,612.8	1,312.6	1,215.6	2,733.7	12,283.4
Capital Expenditures ⁽¹⁾	105.6	625.7	113.9	43.1	(61.7)	826.6
1996						
Total Revenues	\$ 621.0	\$ 482.8	\$ 2,056.4	\$ 1,070.0	\$ (221.5)	\$ 4,008.7
Operating (Loss) Profit	(319.8)	242.4	183.3	107.7	(3.5)	210.1
Operating Profit Margin	N/A	50.2%	8.9%	10.1%	N/A	5.2%
Depreciation and Amortization	\$ 67.3	\$ 55.2	\$ 34.4	\$ 28.3	\$ 9.4	\$ 194.6
Segment Assets	1,023.4	1,202.6	757.8	964.0	(43.8)	3,904.0
Capital Expenditures ⁽¹⁾	63.5	308.7	87.8	45.3	(55.9)	449.4

Certain 1997 and 1996 amounts have been reclassified to conform with the 1998 presentation.

* The summary excludes purchase accounting adjustments related to GM's acquisition of Hughes.

(1) Includes expenditures related to satellites in segments as follows: \$70.2 million in 1998 for Direct-To-Home Broadcast segment and \$726.3 million, \$606.1 million and \$259.2 million in 1998, 1997 and 1996, respectively, for Satellite Services segment. Satellite Services segment also includes \$155.5 million in 1998 related to the early buy-out of satellite sale-leasebacks.

UNAUDITED SUMMARY PRO FORMA FINANCIAL DATA* (CONCLUDED)

PRO FORMA SELECTED FINANCIAL DATA

Years Ended December 31,

(Dollars in Millions)	1998	1997	1996	1995	1994
Operating profit	\$ 270	\$ 306	\$ 210	\$ 172	\$ 235
Income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change	\$ 212	\$ 639	\$ 243	\$ 119	\$ 174
Earnings used for computation of available separate consolidated net income	\$ 272	\$ 471	\$ 184	\$ 27	\$ 62
Average number of GM Class H dividend base shares (in millions) ⁽¹⁾	399.9	399.9	399.9	399.9	399.9
Owner's equity	\$ 7,955	\$ 7,864	\$ 2,023	\$ 2,119	\$ 1,790
Working capital	\$ 1,837	\$ 3,323	\$ 278	\$ 312	\$ 274
Operating profit as a percent of revenues	4.5 %	6.0 %	5.2 %	5.4 %	8.7 %
Income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change as a percent of revenues	3.6 %	12.5 %	6.1 %	3.8 %	6.5 %
Net income as a percent of revenues	4.6 %	9.2 %	4.6 %	0.9 %	2.3 %
Return on equity ⁽²⁾	3.4 %	9.5 %	8.9 %	1.4 %	3.8 %
Income before interest expense and income taxes as a percent of capitalization ⁽³⁾	3.2 %	14.3 %	16.3 %	9.4 %	14.0 %
Pre-tax return on total assets ⁽⁴⁾	1.9 %	8.2 %	8.0 %	3.8 %	6.0 %

* The summary excludes purchase accounting adjustments related to GM's acquisition of Hughes.

(1) Class H dividend base shares is used in calculating earnings attributable to GM Class H common stock on a per share basis. This is not the same as the average number of GM Class H shares outstanding, which was 105.3 million in 1998.

(2) Earnings used for computation of available separate consolidated net income divided by average owner's equity (General Motors' equity in its wholly-owned subsidiary, Hughes). Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes, but rather have rights in the equity and assets of GM (which includes 100% of the stock of Hughes).

(3) Income from continuing operations before interest expense, income taxes, extraordinary item and cumulative effect of accounting change divided by average owner's equity plus average total debt.

(4) Income from continuing operations before income taxes, extraordinary item and cumulative effect of accounting change divided by average total assets.

RESPONSIBILITIES FOR FINANCIAL STATEMENTS

The following financial statements of Hughes Electronics Corporation (as more fully described in Note I to the financial statements) were prepared by management, which is responsible for their integrity and objectivity. The statements have been prepared in conformity with generally accepted accounting principles and, as such, include amounts based on judgments of management.

Management is further responsible for maintaining internal control designed to provide reasonable assurance that the books and records reflect the transactions of the companies and that established policies and procedures are carefully followed. Perhaps the most important feature in internal control is that it is continually reviewed for effectiveness and is augmented by written policies and guidelines, the careful selection and training of qualified personnel and a strong program of internal audit.

Deloitte & Touche LLP, an independent auditing firm, is engaged to audit the financial statements of Hughes Electronics Corporation and issue reports thereon. The audit is conducted in accordance with generally accepted auditing standards that comprehend the consideration of internal control and tests of transactions to the extent necessary to form an inde-

pendent opinion on the financial statements prepared by management. The Independent Auditors' Report appears on the next page.

The Board of Directors, through its Audit Committee, is responsible for assuring that management fulfills its responsibilities in the preparation of the financial statements and engaging the independent auditors. The Audit Committee reviews the scope of the audits and the accounting principles being applied in financial reporting. The independent auditors, representatives of management, and the internal auditors meet regularly (separately and jointly) with the Audit Committee to review the activities of each, to ensure that each is properly discharging its responsibilities and to assess the effectiveness of internal control. It is management's conclusion that internal control at December 31, 1998 provides reasonable assurance that the books and records reflect the transactions of the company and that established policies and procedures are complied with. To ensure complete independence, Deloitte & Touche LLP has full and free access to meet with the Audit Committee, without management representatives present, to discuss the results of the audit, the adequacy of internal control and the quality of financial reporting.

Chairman of the Board
and Chief Executive Officer

President and
Chief Operating Officer

Senior Vice President and
Chief Financial Officer

INDEPENDENT AUDITORS' REPORT

To the Board of Directors of Hughes Electronics Corporation:

We have audited the Balance Sheet of Hughes Electronics Corporation (as more fully described in Note 1 to the financial statements) as of December 31, 1998 and 1997 and the related Statement of Income and Available Separate Consolidated Net Income, Statement of Cash Flows and Statement of Changes in Owner's Equity for each of the three years in the period ended December 31, 1998. These financial statements are the responsibility of Hughes Electronics Corporation's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial

statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the financial position of Hughes Electronics Corporation at December 31, 1998 and 1997 and the results of its operations and its cash flows for each of the three years in the period ended December 31, 1998 in conformity with generally accepted accounting principles.

As discussed in Note 2 to the accompanying financial statements, effective January 1, 1998, Hughes Electronics Corporation changed its method of accounting for costs of start-up activities by adopting American Institute of Certified Public Accountants Statement of Position 98-5, Reporting on the Costs of Start-Up Activities.

Los Angeles, California

January 20, 1999

(March 1, 1999 as to Note 19)

STATEMENT OF INCOME AND AVAILABLE SEPARATE CONSOLIDATED NET INCOME

(Dollars in Millions)	Years Ended December 31,		
	1998	1997	1996
REVENUES			
Product sales	\$ 3,360.3	\$ 3,143.6	\$ 3,009.0
Direct broadcast, leasing and other services	2,603.6	1,984.7	999.7
Total Revenues	5,963.9	5,128.3	4,008.7
OPERATING COSTS AND EXPENSES			
Cost of products sold	2,627.3	2,493.3	2,183.7
Broadcast programming and other costs	1,175.7	912.3	631.8
Selling, general and administrative expenses	1,457.0	1,119.9	788.5
Depreciation and amortization	433.8	296.4	194.6
Amortization of GM purchase accounting adjustments	21.0	21.0	21.0
Total Operating Costs and Expenses	5,714.8	4,842.9	3,819.6
OPERATING PROFIT	249.1	285.4	189.1
Interest income	112.3	33.1	6.8
Interest expense	(17.5)	(91.0)	(42.9)
Other, net	(153.1)	390.7	69.1
INCOME FROM CONTINUING OPERATIONS BEFORE INCOME TAXES, MINORITY INTERESTS, EXTRAORDINARY ITEM AND CUMULATIVE EFFECT OF ACCOUNTING CHANGE	190.8	618.2	222.1
Income taxes	(44.7)	236.7	104.8
Minority interests in net losses of subsidiaries	24.4	24.8	52.6
Income from continuing operations before extraordinary item and cumulative effect of accounting change	259.9	406.3	169.9
Income (Loss) from discontinued operations, net of taxes	-	1.2	(7.4)
Gain on sale of discontinued operations, net of taxes	-	62.8	-
Income before extraordinary item and cumulative effect of accounting change	259.9	470.3	162.5
Extraordinary item, net of taxes	-	(20.6)	-
Cumulative effect of accounting change, net of taxes	(9.2)	-	-
NET INCOME	250.7	449.7	162.5
Adjustments to exclude the effect of GM purchase accounting adjustments	21.0	21.0	21.0
EARNINGS USED FOR COMPUTATION OF AVAILABLE SEPARATE CONSOLIDATED NET INCOME	\$ 271.7	\$ 470.7	\$ 183.5

Statement continued on the next page.

STATEMENT OF INCOME AND AVAILABLE SEPARATE CONSOLIDATED NET INCOME (CONCLUDED)

(Dollars in Millions Except Per Share Amounts)	Years Ended December 31,		
	1998	1997	1996
AVAILABLE SEPARATE CONSOLIDATED NET INCOME			
Average number of shares of General Motors Class H			
Common Stock outstanding (in millions) (Numerator)	105.3	101.5	98.4
Class H dividend base (in millions) (Denominator)	399.9	399.9	399.9
Available Separate Consolidated Net Income	\$ 71.5	\$ 119.4	\$ 45.2
EARNINGS ATTRIBUTABLE TO GENERAL MOTORS			
CLASS H COMMON STOCK ON A PER SHARE BASIS			
Income from continuing operations before extraordinary item			
and cumulative effect of accounting change	\$ 0.70	\$ 1.07	\$ 0.48
Discontinued operations	-	0.16	(0.02)
Extraordinary item	-	(0.05)	-
Cumulative effect of accounting change	(0.02)	-	-
Earnings Attributable to General Motors			
Class H Common Stock	\$ 0.68	\$ 1.18	\$ 0.46

Reference should be made to the Notes to Financial Statements.

BALANCE SHEET

(Dollars in Millions)

ASSETS	December 31,	
	1998	1997
CURRENT ASSETS		
Cash and cash equivalents	\$ 1,342.1	\$ 2,783.8
Accounts and notes receivable, net of allowances of \$23.9 and \$15.2	922.4	630.0
Contracts in process, less advances and progress payments of \$27.0 and \$50.2	783.5	575.6
Inventories	471.5	486.4
Prepaid expenses and other, including deferred income taxes of \$33.6 and \$93.2	326.9	297.3
Total Current Assets	3,846.4	4,773.1
Satellites, net	3,197.5	2,643.4
Property, net	1,059.2	889.7
Net Investment in Sales-type Leases	173.4	337.6
Intangible Assets, net of accumulated amortization of \$413.2 and \$318.3	3,552.2	2,954.8
Investments and Other Assets	1,606.3	1,132.4
Total Assets	\$ 13,435.0	\$ 12,731.0

Statement continued on the next page.

BALANCE SHEET (CONCLUDED)

(Dollars in Millions)

LIABILITIES AND OWNER'S EQUITY	December 31,	
	1998	1997
CURRENT LIABILITIES		
Accounts payable	\$ 764.1	\$ 472.8
Advances on contracts	291.8	209.8
Deferred revenues	43.8	77.8
Current portion of long-term debt	156.1	-
Accrued liabilities	753.7	689.4
Total Current Liabilities	2,009.5	1,449.8
Long-Term Debt	778.7	637.6
Deferred Gains on Sales and Leasebacks	121.5	191.9
Accrued Operating Leaseback Expense	56.0	100.2
Postretirement Benefits Other Than Pensions	150.7	154.8
Other Liabilities and Deferred Credits	811.1	706.4
Deferred Income Taxes	643.9	570.8
Commitments and Contingencies		
Minority Interests	481.7	607.8
Owner's Equity		
Capital stock and additional paid-in capital	8,146.1	8,322.8
Net income retained for use in the business	257.8	7.1
Subtotal owner's equity	8,403.9	8,329.9
Accumulated other comprehensive income (loss)		
Minimum pension liability adjustment	(37.1)	(34.8)
Accumulated unrealized gains on securities	16.1	21.4
Accumulated foreign currency translation adjustments	(1.0)	(4.8)
Accumulated other comprehensive loss	(22.0)	(18.2)
Total Owner's Equity	8,381.9	8,311.7
Total Liabilities and Owner's Equity	\$ 13,435.0	\$ 12,731.0

Certain 1997 amounts have been reclassified to conform with the 1998 presentation.
Reference should be made to the Notes to Financial Statements.

STATEMENT OF CASH FLOWS

(Dollars in Millions)	Years Ended December 31,		
	1998	1997	1996
CASH FLOWS FROM OPERATING ACTIVITIES			
Net Income	\$ 250.7	\$ 449.7	\$ 162.5
Adjustments to reconcile net income to net cash provided by continuing operations			
(Income) Loss from discontinued operations, net of taxes	-	(1.2)	7.4
Gain on sale of discontinued operations, net of taxes	-	(62.8)	-
Extraordinary item, net of taxes	-	20.6	-
Cumulative effect of accounting change, net of taxes	9.2	-	-
Depreciation and amortization	433.8	296.4	194.6
Amortization of GM purchase accounting adjustments	21.0	21.0	21.0
Net gain on sale of investments and businesses sold	(13.7)	(489.7)	(120.3)
Gross profit on sales-type leases	-	(33.6)	(51.8)
Deferred income taxes and other	153.2	285.5	91.9
Change in other operating assets and liabilities			
Accounts and notes receivable	(97.5)	(239.0)	(87.0)
Contracts in process	(230.9)	(174.2)	54.1
Inventories	20.2	(60.7)	(121.5)
Collections of principal on net investment in sales-type leases	40.6	22.0	31.2
Accounts payable	277.3	(184.1)	116.8
Advances on contracts	82.0	(95.6)	97.6
Deferred revenues	(34.0)	(21.2)	80.6
Accrued liabilities	66.8	217.8	22.4
Deferred gains on sales and leasebacks	(36.2)	(42.9)	(41.6)
Other	(67.3)	102.5	(90.5)
Net Cash Provided by Continuing Operations	875.2	10.5	367.4
Net cash used by discontinued operations	-	(15.9)	(8.0)
Net Cash Provided by (Used in) Operating Activities	\$ 875.2	\$ (5.4)	\$ 359.4

Statement continued on the next page.

STATEMENT OF CASH FLOWS (CONCLUDED)

(Dollars in Millions)	Years Ended December 31,		
	1998	1997	1996
CASH FLOWS FROM INVESTING ACTIVITIES			
Investment in companies, net of cash acquired	\$ (1,240.3)	\$ (1,798.8)	\$ (32.2)
Expenditures for property	(343.6)	(251.3)	(261.5)
Increase in satellites	(945.2)	(633.5)	(191.6)
Proceeds from sale of investments	12.4	242.0	-
Proceeds from the sale and leaseback of satellite transponders with General Motors Acceptance Corporation	-	-	252.0
Proceeds from the sale of minority interest in subsidiary	-	-	137.5
Early buy-out of satellite under sale and leaseback	(155.5)	-	-
Proceeds from sale of discontinued operations	-	155.0	-
Proceeds from disposal of property	20.0	55.1	15.3
Proceeds from insurance claims	398.9	-	-
Net Cash Used in Investing Activities	(2,253.3)	(2,231.5)	(80.5)
CASH FLOWS FROM FINANCING ACTIVITIES			
Long-term debt borrowings	1,165.2	2,383.3	-
Repayment of long-term debt	(1,024.1)	(2,851.9)	-
Premium paid to retire debt	-	(34.4)	-
Contributions from (distributions to) Parent Company	-	1,124.2	(279.8)
Payment to General Motors for Delco post-closing price adjustment	(204.7)	-	-
Capital infusion resulting from Hughes Transactions	-	4,392.8	-
Net Cash (Used in) Provided by Financing Activities	(63.6)	5,014.0	(279.8)
Net (decrease) increase in cash and cash equivalents	(1,441.7)	2,777.1	(0.9)
Cash and cash equivalents at beginning of the year	2,783.8	6.7	7.6
Cash and cash equivalents at end of the year	\$ 1,342.1	\$ 2,783.8	\$ 6.7

Certain 1997 and 1996 amounts have been reclassified to conform with the 1998 presentation.
Reference should be made to the Notes to Financial Statements.

STATEMENT OF CHANGES IN OWNER'S EQUITY

(Dollars In Millions)	Parent Company's Net Investment	Capital Stock and Additional Paid-In Capital	Net Income Retained for Use in the Business	Accumulated Other Comprehensive Income (Loss)	Total Owner's Equity	Comprehensive Income
Balance at January 1, 1996	\$2,615.1			\$ (6.2)	\$2,608.9	
Net distribution to Parent Company	(280.6)				(280.6)	
Net income	162.5				162.5	\$162.5
Foreign currency translation adjustments				0.8	0.8	0.8
Comprehensive income						\$163.3
Balance at December 31, 1996	2,497.0			(5.4)	2,491.6	
Net contribution from Parent Company	1,124.2				1,124.2	
Transfer of capital from Parent Company's net investment	(4,063.8)	\$4,063.8			-	
Capital contribution resulting from the Hughes Transactions		4,259.0			4,259.0	
Minimum pension liability adjustment resulting from the Hughes Transactions				(34.8)	(34.8)	
Unrealized gains on securities resulting from the Hughes Transactions				21.4	21.4	
Net income	442.6		\$ 7.1		449.7	\$449.7
Foreign currency translation adjustments				0.6	0.6	0.6
Comprehensive income						\$450.3
Balance at December 31, 1997	-	8,322.8	7.1	(18.2)	8,311.7	
Net Income			250.7		250.7	\$250.7
Delco post-closing price adjustment		(199.7)			(199.7)	
Tax benefit from exercise of GM Class H common stock options		23.0			23.0	
Minimum pension liability adjustment				(2.3)	(2.3)	(2.3)
Foreign currency translation adjustments				3.8	3.8	3.8
Unrealized gains on securities:						
Unrealized holding gains				1.8	1.8	1.8
Less: reclassification adjustment for gains included in net income				(7.1)	(7.1)	(7.1)
Comprehensive income						\$246.9
Balance at December 31, 1998	\$ -	\$8,146.1	\$257.8	\$(22.0)	\$8,381.9	

Reference should be made to the Notes to Financial Statements.

NOTES TO FINANCIAL STATEMENTS

Note 1: Basis of Presentation and Description of Business

On December 17, 1997, Hughes Electronics Corporation ("Hughes Electronics") and General Motors Corporation ("GM"), the parent of Hughes Electronics, completed a series of transactions (the "Hughes Transactions") designed to address strategic challenges facing the three principal businesses of Hughes Electronics and unlock stockholder value in GM. The Hughes Transactions included the tax-free spin-off of the defense electronics business ("Hughes Defense") to holders of GM \$1 2/3 par value and Class H common stocks, the transfer of Delco Electronics Corporation ("Delco"), the automotive electronics business, to GM's Delphi Automotive Systems unit and the recapitalization of GM Class H common stock into a new tracking stock, GM Class H common stock, that is linked to the remaining telecommunications and space business. The Hughes Transactions were followed immediately by the merger of Hughes Defense with Raytheon Company ("Raytheon"). For the periods prior to the consummation of the Hughes Transactions on December 17, 1997, Hughes Electronics, consisting of its defense electronics, automotive electronics and telecommunications and space businesses, is hereinafter referred to as former Hughes or Parent Company.

In connection with the recapitalization of Hughes Electronics on December 17, 1997, the telecommunications and space business of former Hughes, consisting principally of its direct-to-home broadcast, satellite services, satellite systems and network systems businesses, was contributed to the recapitalized Hughes Electronics. Such telecommunications and space business, both before and after the recapitalization, is hereinafter referred to as Hughes. The accompanying financial statements and footnotes pertain only to Hughes and do not include balances of former Hughes related to Hughes Defense or Delco.

Prior to the Hughes Transactions, the Hughes businesses were effectively operated as divisions of former Hughes. For the period prior to December 18, 1997, these financial statements include allocations of corporate expenses

from former Hughes, including research and development, general management, human resources, financial, legal, tax, quality, communications, marketing, international, employee benefits and other miscellaneous services. These costs and expenses have been charged to Hughes based either on usage or using allocation methodologies primarily based upon total revenues, certain tangible assets and payroll expenses. Management believes the allocations were made on a reasonable basis; however, they may not necessarily reflect the financial position, results of operations or cash flows of Hughes on a stand-alone basis in the future. Also, prior to December 18, 1997, interest expense in the Statement of Income and Available Separate Consolidated Net Income included an allocated share of total former Hughes' interest expense.

The Hughes Transactions had a significant impact on the Hughes balance sheet. Prior to the consummation of the Hughes Transactions, Hughes participated in the centralized cash management system of former Hughes, wherein cash receipts were transferred to and cash disbursements were funded by former Hughes on a daily basis. Accordingly, Hughes' balance sheet included only cash and cash equivalents held directly by the telecommunications and space business. In conjunction with the completion of the Hughes Transactions, certain assets and liabilities were contributed by former Hughes to Hughes. The contributed assets and liabilities consisted principally of cash, pension assets and liabilities, liabilities for other postretirement benefits, deferred taxes, property and equipment, and other miscellaneous items. In addition, Hughes received \$4.0 billion of cash proceeds from the borrowings incurred by Hughes Defense prior to its spin-off to GM.

The accompanying financial statements include the applicable portion of intangible assets, including goodwill, and related amortization resulting from purchase accounting adjustments associated with GM's purchase of Hughes in 1985.

Hughes is a leading manufacturer of communications satellites and provider of satellite-based services. It owns and operates one of the world's largest private fleets of geostationary communications satellites and is the

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

world's leading supplier of satellite-based private business networks. Hughes is also a leader in the direct broadcast satellite market with its programming distribution service known as DIRECTV®, which was introduced in the U.S. in 1994 and was the first high-powered, all digital, Direct-To-Home ("DTH") television distribution service in North America. DIRECTV began service in Latin America in 1996 and Japan in 1997. Hughes also provides communications equipment and services in the mobile communications and packet switching markets. Its equipment and services are applied in, among other things, data, video and audio transmission, cable and network television distribution, private business networks, digital cellular communications and DTH satellite broadcast distribution of television programming.

NOTE 2: Summary of Significant Accounting Policies

Principles of Combination and Consolidation

Prior to December 18, 1997, the financial statements present the financial position, results of operations and cash flows of the telecommunications and space business owned and operated by former Hughes on a combined basis. Subsequent to the Hughes Transactions, the accompanying financial statements are presented on a consolidated basis. The financial statements include the accounts of Hughes and its domestic and foreign subsidiaries that are more than 50% owned or controlled by Hughes, with investments in associated companies in which Hughes owns at least 20% of the voting securities or has significant influence accounted for under the equity method of accounting.

Use of Estimates in the Preparation of the Financial Statements

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect amounts reported therein. Due to the inherent uncertainty involved in making estimates, actual results reported in future periods may be based upon amounts which differ from those estimates.

Revenue Recognition

Revenues are generated from sales of satellites and telecommunications equipment, DTH broadcast subscriptions, and the sale of transponder capacity and related services through outright sales, sales-type leases and operating lease contracts.

Sales under long-term contracts are recognized primarily using the percentage-of-completion (cost-to-cost) method of accounting. Under this method, sales are recorded equivalent to costs incurred plus a portion of the profit expected to be realized, determined based on the ratio of costs incurred to estimated total costs at completion. Profits expected to be realized on long-term contracts are based on estimates of total sales value and costs at completion. These estimates are reviewed and revised periodically throughout the lives of the contracts, and adjustments to profits resulting from such revisions are recorded in the accounting period in which the revisions are made. Estimated losses on contracts are recorded in the period in which they are identified.

Certain contracts contain cost or performance incentives which provide for increases in profits for surpassing stated objectives and decreases in profits for failure to achieve such objectives. Amounts associated with incentives are included in estimates of total sales values when there is sufficient information to relate actual performance to the objectives.

Sales which are not pursuant to long-term contracts are generally recognized as products are shipped or services are rendered. DTH subscription revenues are recognized when programming is viewed by subscribers. Programming payments received from subscribers in advance of viewing are recorded as deferred revenue until earned.

Satellite transponder lease contracts qualifying for capital lease treatment (typically based on the term of the lease) are accounted for as sales-type leases, with revenues recognized equal to the net present value of the future minimum lease payments. Upon entering into a sales-type lease, the cost basis of the transponder is removed and charged to cost of products sold.

The portion of each periodic lease payment deemed to be attributable to interest income is recognized in each respective period. Contracts for sales of transponders typically include telemetry, tracking and control ("TT&C") service agreements. Revenues related to TT&C service agreements are recognized as the services are performed.

Transponder and other lease contracts that do not qualify as sales-type leases are accounted for as operating leases. Operating lease revenues are recognized on a straight-line basis over the respective lease term. Differences between operating lease payments received and revenues recognized are deferred and included in accounts and notes receivable or investments and other assets.

Hughes has entered into agreements for the sale and leaseback of certain of its satellite transponders. The leaseback transactions have been classified as operating leases and, therefore, the capitalized cost and associated depreciation related to satellite transponders sold are not included in the accompanying financial statements. Gains resulting from such transactions are deferred and amortized over the leaseback period. Leaseback expense is recorded using the straight-line method over the term of the lease, net of amortization of the deferred gains. Differences between operating leaseback payments made and expense recognized are deferred and included in accrued operating leaseback expense.

Cash Flows

Cash equivalents consist of highly liquid investments purchased with original maturities of 90 days or less.

Net cash from operating activities includes cash payments made for interest of \$53.2 million, \$156.8 million and \$55.8 million in 1998, 1997 and 1996, respectively. Net cash refunds received by Hughes for prior year income taxes amounted to \$59.9 million in 1998. Cash payments for income taxes amounted to \$24.0 million and \$36.5 million in 1997 and 1996, respectively.

Certain non-cash transactions occurred in connection with the consum-

mation of the Hughes Transactions on December 17, 1997, resulting in a contribution of a net liability of \$133.8 million.

In 1997, in a separate non-cash transaction, Hughes' subsidiary, PanAmSat Corporation ("PanAmSat"), converted its outstanding preferred stock into debt amounting to \$438.5 million.

Contracts in Process

Contracts in process are stated at costs incurred plus estimated profit, less amounts billed to customers and advances and progress payments applied. Engineering, tooling, manufacturing, and applicable overhead costs, including administrative, research and development and selling expenses, are charged to costs and expenses when incurred. Contracts in process include amounts relating to contracts with long production cycles, with \$151.0 million of the 1998 amount expected to be billed after one year. Amounts billed under retainage provisions of contracts are not significant, and substantially all amounts are collectible within one year. Under certain contracts with the U.S. Government, progress payments are received based on costs incurred on the respective contracts. Title to the inventories related to such contracts (included in contracts in process) vests with the U.S. Government.

Inventories

Inventories are stated at the lower of cost or market principally using the average cost method.

Major Classes of Inventories

(Dollars in Millions)	1998	1997
Productive material and supplies	\$ 73.4	\$ 57.5
Work in process	285.1	328.5
Finished goods	113.0	100.4
Total	\$ 471.5	\$ 486.4

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Property, Satellites and Depreciation

Property and satellites are carried at cost. Satellite costs include construction costs, launch costs, launch insurance and capitalized interest. Capitalized satellite costs represent the costs of successful satellite launches. Satellite costs related to unsuccessful launches, net of insurance proceeds, are recognized in the period of failure. Depreciation is computed generally using the straight-line method over the estimated useful lives of the assets. Leasehold improvements are amortized over the lesser of the life of the asset or term of the lease.

Intangible Assets

Intangible assets, a majority of which is goodwill, are amortized using the straight-line method over periods not exceeding 40 years.

Software Development Costs

Other assets include certain software development costs capitalized in accordance with Statement of Financial Accounting Standards ("SFAS") No. 86, Accounting for the Costs of Computer Software to be Sold, Leased, or Otherwise Marketed. Capitalized software development costs at December 31, 1998 and 1997, net of accumulated amortization of \$70.6 million and \$107.7 million, respectively, totaled \$104.1 million and \$99.0 million. The software is amortized using the greater of the units of revenue method or the straight-line method over its useful life, not in excess of five years. Software program reviews are conducted to ensure that capitalized software development costs are properly treated and costs associated with programs that are not generating revenues are appropriately written off.

Valuation of Long-Lived Assets

Hughes periodically evaluates the carrying value of long-lived assets to be held and used, including goodwill and other intangible assets, when events and circumstances warrant such a review. The carrying value of a long-lived

asset is considered impaired when the anticipated undiscounted cash flow from such asset is separately identifiable and is less than its carrying value. In that event, a loss is recognized based on the amount by which the carrying value exceeds the fair market value of the long-lived asset. Fair market value is determined primarily using the anticipated cash flows discounted at a rate commensurate with the risk involved. Losses on long-lived assets to be disposed of are determined in a similar manner, except that fair market values are reduced for the cost of disposal.

Research and Development

Expenditures for research and development are charged to costs and expenses as incurred and amounted to \$121.4 million in 1998, \$120.4 million in 1997 and \$94.6 million in 1996.

Foreign Currency

Substantially all of Hughes' foreign operations have determined the local currency to be their functional currency. Accordingly, these foreign entities translate assets and liabilities from their local currencies to U.S. dollars using year-end exchange rates while income and expense accounts are translated at the average rates in effect during the year. The resulting translation adjustment is recorded as part of accumulated other comprehensive income (loss), a separate component of owner's equity. Gains and losses resulting from remeasurement into the functional currency of transactions denominated in non-functional currencies are recognized in earnings. Net foreign currency transaction gains and losses included in the operating results were not material for all years presented.

Financial Instruments and Investments

Hughes maintains investments in equity securities of unaffiliated companies. These investments are considered available-for-sale and carried at current fair value with unrealized gains or losses, net of taxes, reported as part

of accumulated other comprehensive income (loss), a separate component of owner's equity. Fair value is determined by market quotes, when available, or by management estimate.

Market values of financial instruments, other than debt and derivative instruments, are based upon management estimates. Market values of debt and derivative instruments are determined by quotes from financial institutions.

The carrying value of cash and cash equivalents, accounts and notes receivable, investments and other assets, accounts payable, amounts included in accrued liabilities meeting the definition of a financial instrument and debt approximated fair value at December 31, 1998.

Hughes' derivative contracts primarily consist of foreign exchange-forward contracts. Hughes enters into these contracts to reduce its exposure to fluctuations in foreign exchange rates. Foreign exchange-forward contracts are accounted for as hedges to the extent they are designated as, and are effective as, hedges of firm foreign currency commitments. Gains and losses on foreign exchange-forward contracts designated as hedges of firm foreign currency commitments are recognized in income in the same period as gains and losses on the underlying transactions are recognized.

Stock Compensation

Hughes issues stock options to employees with grant prices equal to the fair value of the underlying security at the date of grant. No compensation cost has been recognized for options in accordance with the provisions of Accounting Principles Board ("APB") Opinion No. 25, Accounting for Stock Issued to Employees. See Note 10 for information regarding the pro forma effect on earnings of recognizing compensation cost based on the estimated fair value of the stock options granted, as required by SFAS No. 123, Accounting for Stock-Based Compensation.

Compensation related to stock awards is recognized ratably over the vesting period and, where required, periodically adjusted to reflect changes

in the stock price of the underlying security.

Market Concentrations and Credit Risk

Sales under U.S. Government contracts were 12.4%, 15.3% and 22.5% of total revenues in 1998, 1997 and 1996, respectively. Hughes provides services and extends credit to a large number of customers in the commercial satellite communications market and to a large number of residential consumers. Management monitors its exposure to credit losses and maintains allowances for anticipated losses.

Accounting Change

In 1998, Hughes adopted American Institute of Certified Public Accountants Statement of Position ("SOP") 98-5, Reporting on the Costs of Start-Up Activities. SOP 98-5 requires that all start-up costs previously capitalized be written off and recognized as a cumulative effect of accounting change, net of taxes, as of the beginning of the year of adoption. On a prospective basis, these types of costs are required to be expensed as incurred. The unfavorable cumulative effect of this accounting change at January 1, 1998 was \$9.2 million after-tax, or \$0.02 per share of GM Class H common stock.

New Accounting Standard

In June 1998, the Financial Accounting Standards Board ("FASB") issued SFAS No. 133, Accounting for Derivative Instruments and Hedging Activities. SFAS No. 133 requires all derivatives to be recorded as either assets or liabilities and the instruments to be measured at fair value. Gains or losses resulting from changes in the values of those derivatives are to be recognized immediately or deferred depending on the use of the derivative and whether or not it qualifies as a hedge. Hughes plans to adopt SFAS No. 133 by January 1, 2000, as required. Management is currently assessing the impact of this statement on Hughes' results of operations and financial position.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

NOTE 3: Property and Satellites, Net

(Dollars in Millions)	Estimated Useful Lives (years)	1998	1997
Land and improvements	5 - 25	\$ 51.7	\$ 51.2
Buildings and unamortized leasehold improvements	2 - 45	321.8	305.8
Machinery and equipment	3 - 12	1,163.1	1,015.4
Furniture, fixtures and office machines	3 - 10	80.2	83.2
Construction in progress	-	285.3	169.9
Total		1,902.1	1,625.5
Less accumulated depreciation		842.9	735.8
Property, net		\$ 1,059.2	\$ 889.7
Satellites	9 - 16	\$ 3,783.2	\$ 3,051.9
Less accumulated depreciation		585.7	408.5
Satellites, net		\$ 3,197.5	\$ 2,643.4

Hughes capitalized interest of \$55.3 million, \$64.5 million and \$12.9 million for 1998, 1997 and 1996, respectively, as part of the cost of its satellites under construction.

NOTE 4: Leasing Activities

Future minimum lease payments due from customers under noncancelable satellite transponder operating leases, exclusive of amounts due from subleases reported on the next page, are \$550.5 million in 1999, \$498.9 million in 2000, \$477.6 million in 2001, \$462.5 million in 2002, \$440.7 million in 2003 and \$2,031.7 million thereafter.

The components of the net investment in sales-type leases are as follows:

(Dollars in Millions)	1998	1997
Total minimum lease payments	\$ 301.9	\$ 662.5
Less unearned interest income and allowance for doubtful accounts	106.0	297.1
Total net investment in sales-type leases	195.9	365.4
Less current portion	22.5	27.8
Total	\$ 173.4	\$ 337.6

Future minimum payments due from customers under sales-type leases and related service agreements as of December 31, 1998 are as follows:

(Dollars in Millions)	Minimum Lease Payments	Service Agreement Payments
1999	\$ 46.1	\$ 4.5
2000	44.7	5.7
2001	45.8	5.7
2002	44.9	5.7
2003	43.4	5.7
Thereafter	77.0	10.4
Total	\$ 301.9	\$ 37.7

In February 1996, Hughes entered into a sale-leaseback agreement for certain satellite transponders on Galaxy III-R with General Motors Acceptance Corporation ("GMAC"), a subsidiary of GM. Proceeds from the sale were \$252.0 million, and the sale resulted in a deferred gain of \$108.8 million. In 1992 and 1991, Hughes entered into sale-leaseback agreements for certain transponders on Galaxy VII and SBS-6, respectively, resulting in deferred gains of \$180.0 million in 1992 and \$96.1 million in 1991. Deferred gains from sale-leaseback agreements are amortized over the expected term of leaseback period. In 1998, PanAmSat exercised certain early buy-out options on the SBS-6 transaction and repurchased the

transponders for a total payment of \$155.5 million. In January 1999, PanAmSat exercised early buy-out options for \$141.3 million related to certain transponders on Galaxy VII, and has remaining early buy-out options of approximately \$227.0 million on Galaxy III-R and Galaxy VII that can be exercised later in 1999.

As of December 31, 1998, the future minimum leaseback amounts payable to lessors under the operating leasebacks and the future minimum sublease amounts due from subleases under noncancelable subleases are as follows:

(Dollars in Millions)	Minimum Leaseback Payments	Sublease Amounts
1999	\$ 90.9	\$ 57.5
2000	120.3	58.2
2001	71.9	53.2
2002	110.9	49.5
2003	26.6	34.2
Total	\$ 420.6	\$ 252.6

NOTE 5: Accrued Liabilities

(Dollars in Millions)	1998	1997
Payroll and other compensation	\$ 196.5	\$ 200.2
Contract-related provisions	138.0	76.0
Reserve for consumer finance and rebate programs	93.0	86.9
Other	326.2	326.3
Total	\$ 753.7	\$ 689.4

NOTE 6: Long-Term Debt

(Dollars in Millions)	1998	1997
Notes payable	\$ 750.0	
Revolving credit facilities	155.9	\$ 500.0
Bridge loan	-	100.0
Other	28.9	37.6
Total debt	934.8	637.6
Less current portion	156.1	-
Total long-term debt	\$ 778.7	\$ 637.6

Notes payable consisted of five, seven, ten and thirty-year notes totaling \$750.0 million issued by PanAmSat in January 1998. The proceeds received were used by PanAmSat to repay the revolving credit facility of \$500.0 million and bridge loan of \$100.0 million outstanding at December 31, 1997. The outstanding principal balances and interest rates for the five, seven, ten and thirty-year notes as of December 31, 1998 were \$200.0 million at 6.00%, \$275.0 million at 6.13%, \$150.0 million at 6.38% and \$125.0 million at 6.88%, respectively. Principal on the notes is payable at maturity, while interest is payable semi-annually.

At December 31, 1998, Hughes' 59.1% owned subsidiary, SurFin Ltd. ("SurFin"), had a total of \$155.9 million outstanding under two separate \$150.0 million unsecured revolving credit facilities. The first matures on April 30, 1999 and the second matures on July 31, 1999. Both credit facilities, which are expected to be renewed, are subject to a facility fee of 0.10% per annum. Borrowings under these credit facilities bear interest at the Eurodollar Rate plus 0.15% and were included in current portion of long-term debt.

Other long-term debt at December 31, 1998 and 1997 consisted primarily of notes bearing fixed rates of interest of 9.61% to 11.11%. Principal is payable at maturity in April 2007, while interest is payable semi-annually. Also included in other long-term debt at December 31, 1997 was \$9.1 million of PanAmSat Senior Notes which were repaid in 1998.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

As part of a debt refinancing program undertaken by PanAmSat in 1997, an extraordinary charge of \$20.6 million (\$34.4 million before taxes) was recorded, related to the excess of the price paid for the debt over its carrying value, net of deferred financing costs.

The aggregate maturities of long-term debt for the five years subsequent to December 31, 1998 are \$156.1 million in 1999, \$200.0 million in 2003 and \$578.7 million thereafter:

Hughes has \$1.0 billion of unused credit available under two unsecured revolving credit facilities, consisting of a \$750.0 million multi-year facility and a \$250.0 million 364-day facility. The multi-year credit facility provides for a commitment of \$750.0 million through December 5, 2002, subject to a facility fee of 0.07% per annum. Borrowings bear interest at a rate which approximates the London Interbank Offered Rate ("LIBOR") plus 0.155%. The 364-day credit facility provides for a commitment of \$250.0 million through December 1, 1999, subject to a facility fee of 0.05% per annum. Borrowings bear interest at a rate which approximates LIBOR plus 0.25%, with an additional 0.125% utilization fee when borrowings exceed 50% of the commitment. No amounts were outstanding under either facility at December 31, 1998. These facilities provide backup capacity for Hughes' \$1.0 billion commercial paper program. No amounts were outstanding under the commercial paper program at December 31, 1998.

PanAmSat maintains a \$500.0 million multi-year revolving credit facility that provides for short-term and long-term borrowings and a \$500.0 million commercial paper program that provides for short-term borrowings. The multi-year revolving credit facility provides for a commitment through December 24, 2002, subject to a facility fee of 0.10% per annum. Borrowings bear interest at a rate which approximates LIBOR plus 0.30%. Borrowings under the credit facility and commercial paper program are limited to \$500.0 million in the aggregate. No amounts were outstanding under either agreement at December 31, 1998.

NOTE 7: Income Taxes

The provision for income taxes is based on reported income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change. Deferred income tax assets and liabilities reflect the impact of temporary differences between the amounts of assets and liabilities recognized for financial reporting purposes and such amounts recognized for tax purposes, as measured by applying currently enacted tax laws.

Hughes and former Hughes (prior to December 18, 1997), and their domestic subsidiaries join with General Motors in filing a consolidated U.S. Federal income tax return. The portion of the consolidated income tax liability recorded by Hughes is generally equivalent to the liability it would have incurred on a separate return basis.

Prior to December 18, 1997, certain income tax assets and liabilities were maintained by former Hughes. Income tax expense was allocated to Hughes as if Hughes filed a separate income tax return. In connection with the Hughes Transactions, certain income tax assets and liabilities were contributed to and assumed by Hughes on December 17, 1997 and are included in the accompanying balance sheet.

The income tax provision consisted of the following:

(Dollars in Millions)	1998	1997	1996
U.S. Federal, state and foreign taxes currently (refundable) payable	\$ (177.3)	\$ 24.0	\$ 36.5
U.S. Federal, state and foreign deferred tax liabilities, net	132.6	212.7	68.3
Total income tax (benefit) provision	\$ (44.7)	\$ 236.7	\$ 104.8

Income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change includes the following components:

(Dollars in Millions)	1998	1997	1996
U.S. income	\$ 283.8	\$ 659.4	\$ 218.4
Foreign (loss) income	(93.0)	(41.2)	3.7
Total	\$ 190.8	\$ 618.2	\$ 222.1

The combined income tax provision was different than the amount computed using the U.S. Federal statutory income tax rate for the reasons set forth in the following table:

(Dollars in Millions)	1998	1997	1996
Expected tax at U.S. Federal statutory income tax rate	\$ 66.8	\$ 216.4	\$ 77.7
Research and experimentation tax benefits	(183.6)	(39.3)	-
Foreign sales corporation tax benefit	(30.1)	(25.5)	(24.0)
U.S. state and local income taxes	13.7	24.8	9.4
Purchase accounting adjustments	7.3	7.3	7.3
Losses of equity method investees	36.7	18.7	14.8
Minority interests in losses of partnership	19.3	17.5	17.7
Non-deductible goodwill amortization	20.1	9.7	-
Other	5.1	7.1	1.9
Total income tax (benefit) provision	\$ (44.7)	\$ 236.7	\$ 104.8

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

Temporary differences and carryforwards which gave rise to deferred tax assets and liabilities at December 31 were as follows:

(Dollars in Millions)	1998		1997	
	Deferred Tax Assets	Deferred Tax Liabilities	Deferred Tax Assets	Deferred Tax Liabilities
Profits on long-term contracts	\$ 145.5	\$ 155.5	\$ 156.0	\$ 142.8
Sales and leasebacks	65.4	-	85.8	-
Employee benefit programs	68.3	101.3	64.3	114.0
Postretirement benefits other than pensions	72.3	-	72.9	-
Customer deposits and rebates	52.9	-	61.9	-
State taxes	38.8	-	50.0	-
Gain on PanAmSat merger	-	191.1	-	195.0
Satellite launch insurance costs	-	103.1	-	43.7
Depreciation	-	470.9	-	438.6
Net operating loss and tax credit carryforwards	77.8	-	-	-
Sale of equity interest in DIRECTV	-	47.5	-	48.7
Other	32.8	30.5	63.9	35.4
Subtotal	553.8	1,099.9	554.8	1,018.2
Valuation allowance	(64.2)	-	(14.2)	-
Total deferred taxes	\$ 489.6	\$ 1,099.9	\$ 540.6	\$ 1,018.2

No income tax provision has been made for the portion of undistributed earnings of foreign subsidiaries deemed permanently reinvested that amounted to approximately \$18.5 million and \$18.2 million at December 31, 1998 and 1997, respectively. Repatriation of all accumulated earnings would have resulted in tax liabilities of \$6.4 million in 1998 and \$5.4 million in 1997.

At December 31, 1998, Hughes has \$63.9 million of foreign operating loss carryforwards expiring in varying amounts between 1999 and 2003. A valuation allowance was provided for all of the foreign operating loss carryforwards.

Hughes has an agreement with Raytheon which governs Hughes' rights and obligations with respect to U.S. Federal and state income taxes for all periods prior to the merger of Hughes Defense with Raytheon. Hughes is responsible for any income taxes pertaining to those periods prior to the merger, including any additional income taxes resulting from U.S. Federal and

state tax audits. Hughes is also entitled to any U.S. Federal and state income tax refunds relating to those years.

The U.S. Federal income tax returns of former Hughes have been examined through 1990. All years prior to 1983 are closed. Issues relating to the years 1983 through 1990 are being contested through various stages of administrative appeal. The Internal Revenue Service ("IRS") is currently examining former Hughes' U.S. Federal tax returns for years 1991 through 1994. Management believes that adequate provision has been made for any adjustment which might be assessed for open years.

Hughes reached an agreement with the IRS regarding a claim for refund of U.S. Federal income taxes related to the treatment of research and experimentation costs for the years 1983 through 1995. Hughes recorded a total of \$183.6 million of research and experimentation tax benefits during

1998, a substantial portion of which related to the previously noted agreement with the IRS and covered prior years.

NOTE 8: Retirement Programs and Other Postretirement Benefits

Hughes adopted SFAS No. 132, Employers' Disclosures about Pensions and Other Postretirement Benefits. SFAS No. 132 required changes in disclosure of certain information about pensions and other postretirement benefits.

Substantially all of Hughes' employees participate in Hughes' contributory and non-contributory defined benefit retirement plans. Benefits are based on years of service and compensation earned during a specified period of time before retirement. Additionally, an unfunded, nonqualified pension plan covers certain employees. Hughes also maintains a program for eligible retirees to participate in health care and life insurance benefits generally until they reach age 65. Qualified employees who elected to participate in the Hughes contributory defined benefit pension plans may become eligible for these health care and life insurance benefits if they retire from Hughes between the ages of 55 and 65.

Prior to December 18, 1997, the pension-related assets and liabilities and the postretirement benefit plans were maintained by former Hughes for its non-automotive businesses and were not included in the Hughes balance sheet. A portion of former Hughes' net pension expense or income and postretirement benefit cost was allocated to Hughes and is included in the Statement of Income and Available Separate Consolidated Net Income. The net pension expense allocation was \$12.3 million and \$12.2 million for 1997 and 1996, respectively. For 1997 and 1996, the pension expense components including benefits earned during the year; interest accrued on benefits earned in prior years, actual return on assets and net amortization and deferral, were not determined separately for the Hughes participants. The postretirement benefit cost allocated to Hughes was \$11.2 million and \$10.4 million for 1997 and 1996, respectively. For 1997 and 1996, the postretirement benefit cost components, including benefits earned during the year; interest accrued on benefits earned in prior years and net amortization, were not determined separately for the Hughes employees. The 1997 information presented on the next page is based on pro rata allocations from former Hughes for each pension and postretirement benefit component.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

The components of the pension benefit obligation and the other postretirement benefit obligation are shown below. The net benefit obligation recognized in the balance sheet is shown on the next page:

(Dollars in Millions)	Pension Benefits		Other Postretirement Benefits	
	1998	1997	1998	1997
CHANGE IN BENEFIT OBLIGATION				
Net benefit obligation at beginning of year	\$ 1,556.4	\$ 1,490.5	\$ 135.6	\$ 132.3
Service cost	57.5	47.9	3.6	3.6
Interest cost	110.8	110.3	9.3	9.1
Plan participants' contributions	14.1	13.7	-	-
Actuarial loss	66.6	32.4	35.1	4.1
Acquisitions/divestitures	-	(17.6)	-	-
Benefits paid	(151.3)	(120.8)	(12.0)	(13.5)
Net benefit obligation at end of year	1,654.1	1,556.4	171.6	135.6
CHANGE IN PLAN ASSETS				
Fair value of plan assets at beginning of year	1,906.1	1,716.4	-	-
Actual return on plan assets	165.0	302.4	-	-
Employer contributions	20.3	12.0	12.0	13.5
Plan participants' contributions	14.1	13.7	-	-
Acquisitions/divestitures	-	(17.6)	-	-
Benefits paid	(151.3)	(120.8)	(12.0)	(13.5)
Transfers	4.7	-	-	-
Fair value of plan assets at end of year	1,958.9	1,906.1	-	-
Funded status at end of year	304.8	349.7	(171.6)	(135.6)
Unamortized asset at date of adoption	-	(12.8)	-	-
Unamortized amount resulting from changes in plan provisions	4.4	5.1	-	-
Unamortized net amount resulting from changes in plan experience and actuarial assumptions	(80.8)	(122.3)	4.9	(31.0)
Net amount recognized at end of year	\$ 228.4	\$ 219.7	\$ (166.7)	\$ (166.6)

(Dollars in Millions)	Pension Benefits		Other Postretirement Benefits	
	1998	1997	1998	1997
Amounts recognized in the balance sheet consist of:				
Prepaid benefit cost	\$ 248.1	\$ 227.0		
Accrued benefit cost	(89.3)	(83.8)	\$ (166.7)	\$ (166.6)
Intangible asset	7.4	18.0	N/A	N/A
Deferred tax assets	25.1	23.7	N/A	N/A
Accumulated other comprehensive loss	37.1	34.8	N/A	N/A
Net amount recognized at end of year	\$ 228.4	\$ 219.7	\$ (166.7)	\$ (166.6)

Included in the pension plan assets at December 31, 1998 are GM Class H common stock of \$2.3 million, GM $\$1^{2/3}$ common stock of \$7.1 million and GMAC bonds of \$3.3 million.

	Pension Benefits		Other Postretirement Benefits	
	1998	1997	1998	1997
WEIGHTED-AVERAGE ASSUMPTIONS AS OF DECEMBER 31				
Discount rate	6.75%	7.25%	6.50%	6.75%
Expected return on plan assets	9.50%	9.50%	N/A	N/A
Rate of compensation increase	5.00%	5.00%	N/A	N/A

For measurement purposes, a 9.5% annual rate of increase per capita cost of covered health care benefits was assumed for 1999. The rate was assumed to decrease gradually 0.5% per year to 6.0% in 2006.

(Dollars in Millions)	Pension Benefits		Other Postretirement Benefits	
	1998	1997	1998	1997
COMPONENTS OF NET PERIODIC BENEFIT COST				
Benefits earned during the year	\$ 57.5	\$ 47.9	\$ 3.6	\$ 3.6
Interest accrued on benefits earned in prior years	110.8	110.3	9.3	9.1
Expected return on assets	(144.5)	(135.7)	-	-
Amortization components				
Unamortized asset at date of adoption	(12.8)	(14.2)	-	-
Unamortized amount resulting from changes in plan provisions	0.7	0.7	-	-
Unamortized net amount resulting from changes in plan experience and actuarial assumptions	4.6	3.3	(0.8)	(1.5)
Net periodic benefit cost	\$ 16.3	\$ 12.3	\$ 12.1	\$ 11.2

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

The projected benefit obligation and accumulated benefit obligation for the pension plans with accumulated benefit obligations in excess of plan assets were \$114.3 and \$89.3, respectively, as of December 31, 1998, and \$93.5 and \$83.8, respectively, as of December 31, 1997. The pension plans with accumulated benefit obligations in excess of plan assets do not have any underlying assets.

Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plan. A one-percentage point change in assumed health care cost trend rates would have the following effects:

(Dollars in Millions)	1 – Percentage Point Increase	1 – Percentage Point Decrease
Effect on total of service and interest cost components	\$ 1.5	\$ (1.2)
Effect on postretirement benefit obligation	14.0	(12.2)

Hughes maintains 401(k) plans for qualified employees. A portion of employee contributions are matched by Hughes and amounted to \$30.6 million, \$26.3 million and \$16.7 million in 1998, 1997 and 1996, respectively.

Hughes has disclosed in the financial statements certain amounts associated with estimated future postretirement benefits other than pensions and characterized such amounts as "other postretirement benefit obligation." Notwithstanding the recording of such amounts and the use of these terms, Hughes does not admit or otherwise acknowledge that such amounts or existing postretirement benefit plans of Hughes (other than pensions) represent legally enforceable liabilities of Hughes.

NOTE 9: Owner's Equity

In connection with the Hughes Transactions, Hughes was recapitalized on December 17, 1997 at which time 1,000 shares of \$1.00 par value common stock, representing all of the authorized and outstanding common stock of Hughes, were issued to GM. Prior to December 17, 1997, the equity of Hughes was comprised of Parent Company's net investment in its telecommunications and space business.

The following represents changes in the components of accumulated other comprehensive income (loss), net of income taxes, as of December 31:

(Dollars in Millions)	1998			1997			1996		
	Pre-tax Amount	Tax (Credit) Expense	Net Amount	Pre-tax Amount	Tax Expense	Net Amount	Pre-tax Amount	Tax Expense	Net Amount
Minimum pension liability adjustments	\$ (3.9)	\$ (1.6)	\$(2.3)	-	-	-	-	-	-
Foreign currency translation adjustments	6.4	2.6	3.8	\$1.0	\$0.4	\$0.6	\$1.3	\$0.5	\$0.8
Unrealized holding losses	3.0	1.2	1.8	-	-	-	-	-	-
Reclassification adjustment for gains included in net income	(11.8)	(4.7)	(7.1)	-	-	-	-	-	-

NOTE 10: Incentive Plan

Under the Hughes Electronics Corporation Incentive Plan ("the Plan"), as approved by the GM Board of Directors in 1998, shares, rights or options to acquire up to 35.6 million shares of GM Class H common stock on a cumulative basis were available for grant through December 31, 1998.

The GM Executive Compensation Committee may grant options and other rights to acquire shares of GM Class H common stock under the provisions of the Plan. The option price is equal to 100% of the fair market value of GM Class H common stock on the date the options are granted. These nonqualified options generally vest over two to four years, expire ten years from date of grant and are subject to earlier termination under certain conditions.

As part of the Hughes Transactions, the outstanding options of former Hughes employees who continued as Hughes employees were converted on December 18, 1997 into options to purchase recapitalized GM Class H common stock. Recognition of compensation expense was not required in connection with the conversion.

Changes in the status of outstanding options were as follows:

GM CLASS H COMMON STOCK	Shares Under Option	Weighted-Average Exercise Price
Outstanding at December 31, 1997	13,961,615	\$ 29.08
Granted	4,180,525	51.02
Exercised	(1,506,241)	23.22
Terminated	(937,179)	31.79
Outstanding at December 31, 1998	15,698,720	\$ 35.32

The following table summarizes information about the Plan stock options outstanding at December 31, 1998:

Range of Exercise Prices	Options Outstanding			Options Exercisable	
	Number Outstanding	Weighted-Average Remaining Contractual Life (years)	Weighted-Average Exercise Price	Number Exercisable	Weighted-Average Exercise Price
\$ 9.86 to \$20.00	833,203	3.7	\$14.70	833,203	\$14.70
20.01 to 30.00	1,056,354	5.9	22.18	1,056,354	22.18
30.01 to 40.00	9,800,388	8.2	32.08	3,344,007	32.64
40.01 to 50.00	1,372,700	9.6	43.71	-	-
50.01 to 54.79	2,636,075	9.3	54.79	-	-
\$ 9.86 to \$54.79	15,698,720	8.1	\$35.32	5,233,564	\$27.67

At December 31, 1998, 5,373,522 shares were available for grant under the Plan subject to GM Executive Compensation Committee approval.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

On May 5, 1997, PanAmSat adopted a stock option incentive plan with terms similar to the Plan. As of December 31, 1998, PanAmSat had issued 1,493,319 options to purchase its common stock with exercise prices ranging from \$29.00 per share to \$59.75 per share. The options vest ratably over three years and have a remaining life of approximately nine years on the 1998 options and eight and one-half years on the 1997 options. At December 31, 1998, 113,590 options were exercisable. The PanAmSat options have been considered in the following pro forma analysis.

The following table presents pro forma information as if Hughes recorded compensation cost using the fair value of issued options on their grant date:

(Dollars in Millions Except Per Share Amounts)	1998	1997	1996
Reported earnings used for computation of available separate consolidated net income	\$ 271.7	\$ 470.7	\$ 183.5
Assumed stock compensation cost, net of tax	85.0	43.5	8.8
Adjusted earnings used for computation of available separate consolidated net income	\$ 186.7	\$ 427.2	\$ 174.7
Reported earnings per share attributable to GM Class H common stock	\$ 0.68	\$ 1.18	\$ 0.46
Adjusted earnings per share attributable to GM Class H common stock	\$ 0.47	\$ 1.07	\$ 0.44

For stock options granted prior to the Hughes Transactions, the estimated compensation cost was based upon an allocation from former Hughes which was calculated using the Black-Scholes valuation model for estimation of the fair value of its options. The following table presents the estimated weighted-average fair value of options granted and the assumptions used for the 1998 and 1997 calculations (stock volatility has been estimated based upon a three-year average derived from a study of a Hughes determined peer group and may not be indicative of actual volatility for future periods):

	1998	1997
Estimated fair value per option granted	\$ 22.78	\$ 26.90
Average exercise price per option granted	51.02	31.71
Stock volatility	32.8%	32.5%
Average risk-free interest rate	5.63%	5.87%
Average option life in years	6.2	7.0

NOTE 11: Other Income and Expenses

(Dollars in Millions)	1998	1997	1996
Gain on PanAmSat merger		\$ 489.7	
Gain on sale of DIRECTV interest to AT&T		-	\$ 120.3
Equity losses from unconsolidated affiliates	\$ (128.3)	(72.2)	(42.2)
Other	(24.8)	(26.8)	(9.0)
Total other, net	\$ (153.1)	\$ 390.7	\$ 69.1

Equity losses from unconsolidated affiliates at December 31, 1998, are primarily comprised of losses at DIRECTV Japan, of which Hughes owns 31.6%, and American Mobile Satellite Corporation, of which Hughes owns 20.7%.

NOTE 12: Related-Party Transactions

In the ordinary course of its operations, Hughes provides telecommunications services and sells electronic components to, and purchases sub-components from, related-parties. In addition, prior to December 18, 1997, Hughes received allocations of corporate expenses and interest costs from former Hughes and GM.

The following table summarizes significant related-party transactions:

(Dollars in Millions)	1998	1997	1996
Revenues	\$ 40.5	\$ 45.2	\$ 50.8
Costs and expenses			
Purchases	29.0	275.4	241.5
Allocation of corporate expenses	-	77.5	75.6
Allocated interest	-	55.6	53.2

NOTE 13: Earnings Per Share Attributable to GM Class H Common Stock and Available Separate Consolidated Net Income

Earnings per share attributable to GM Class H common stock is determined based on the relative amounts available for the payment of dividends to holders of GM Class H common stock. Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes, but rather have rights in the equity and assets of GM (which includes 100% of the stock of Hughes).

Amounts available for the payment of dividends on GM Class H common stock are based on the Available Separate Consolidated Net Income ("ASCNI") of Hughes. The ASCNI of Hughes is determined quarterly and is equal to the separate consolidated net income of Hughes, excluding the effects of GM purchase accounting adjustments arising from GM's acquisition

of Hughes (earnings used for computation of ASCNI), multiplied by a fraction, the numerator of which is a number equal to the weighted-average number of shares of GM Class H common stock outstanding during the period and the denominator of which was 399.9 million during 1998, 1997 and 1996. The denominator used in determining the ASCNI of Hughes may be adjusted from time-to-time as deemed appropriate by the GM Board of Directors to reflect subdivisions or combinations of the GM Class H common stock and to reflect certain transfers of capital to or from Hughes. The GM Board's discretion to make such adjustments is limited by criteria set forth in GM's Restated Certificate of Incorporation.

For 1997 and 1996, ASCNI and earnings attributable to GM Class H common stock are presented on a pro forma basis. Prior to the Hughes Transactions, such amounts were calculated based on the financial performance of former Hughes. Since the 1997 and 1996 financial statements relate only to the telecommunications and space business of former Hughes prior to the consummation of the Hughes Transactions, they do not reflect the earnings attributable to the GM Class H common stock on a historical basis. The pro forma presentation is used, therefore, to present the financial results which would have been achieved for 1997 and 1996 relative to the GM Class H common stock had they been calculated based on the performance of the telecommunications and space business of former Hughes.

Earnings per share represent basic earnings per share. The assumed exercise of stock options does not have a dilutive effect since such exercises do not currently result in a change to the GM Class H dividend base (denominator) used in calculating earnings per share. As Hughes has no other common stock equivalents that may impact the calculation, diluted earnings per share are not presented.

Dividends may be paid on the GM Class H common stock only when, as, and if declared by GM's Board of Directors in its sole discretion. Dividends may be paid on GM Class H common stock to the extent of the amount initially determined to be available for the payment of dividends on Class H

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

common stock, plus the portion of earnings of GM after the closing of the Hughes Transactions attributed to GM Class H common stock. The GM Board determined that the amount initially available for the payment of dividends on shares of the recapitalized GM Class H common stock was the cumulative amount available for the payment of dividends on GM Class H common stock immediately prior to the closing of the Hughes Transactions, reduced by a pro rata portion of the net reduction in GM's total stockholders' equity resulting from the Hughes Transactions. As of December 31, 1998, the amount available for the payment of dividends on GM Class H common stock was \$3.8 billion. The GM Board does not currently intend to pay cash dividends on the recapitalized GM Class H common stock.

NOTE 14: Acquisitions

In December 1998, Hughes agreed to acquire all of the outstanding capital stock of United States Satellite Broadcasting Company, Inc. ("USSB"). USSB provides DTH premium satellite programming in conjunction with DIRECTV's basic programming service. USSB launched its service in June 1994 and, as of December 31, 1998, had more than two million subscribers nationwide. The acquisition will be accounted for using the purchase method of accounting. The purchase price, consisting of cash and GM Class H common stock, will be determined at closing based upon an agreed-upon formula and will not exceed \$1.6 billion in the aggregate. Subject to certain limitations in the merger agreement, USSB shareholders will be entitled to elect to receive cash or shares of GM Class H common stock. The amount of cash to be paid in the merger cannot be less than 30% or greater than 50% of the aggregate purchase price with the remaining consideration consisting of GM Class H common stock. The merger, which is subject to USSB shareholder approval and the receipt of appropriate regulatory approval, is expected to close in early to mid-1999.

In October 1998, Hughes agreed to acquire, pending regulatory approval

in Mexico, an additional ownership interest in Grupo Galaxy Mexicana, S.A. de C.V. ("GGM"), a Galaxy Latin America, LLC ("GLA") local operating company located in Mexico, from Grupo MVS, S.A. de C.V. ("MVS"). Hughes' equity ownership will represent 49.0% of the voting equity and all of the non-voting equity of GGM. The GGM transaction will be accounted for using the purchase method of accounting. As part of the GGM transaction, in October 1998 Hughes acquired from MVS an additional 10.0% interest in GLA, increasing its ownership interest to 70.0%, as well as an additional 19.8% interest in SurFin, a company providing financing of subscriber receiver equipment for certain GLA local operating companies located in Latin America and Mexico, increasing its ownership percentage from 39.3% to 59.1%. The GLA and SurFin transactions were accounted for using the purchase method of accounting. The increased ownership in SurFin resulted in its consolidation since the date of acquisition. The aggregate purchase price for the transactions was \$197.0 million in cash.

In May 1998, Hughes purchased an additional 9.5% interest in PanAmSat for \$851.4 million in cash, increasing Hughes' ownership interest in PanAmSat from 71.5% to 81.0%.

In December 1997, Hughes repurchased from AT&T a 2.5% equity interest in DIRECTV, ending AT&T's marketing agreement to distribute the DIRECTV direct broadcast satellite television service and DIRECTV™ receiver equipment. The \$161.8 million repurchase resulted in goodwill of approximately \$156.1 million.

In May 1997, Hughes and PanAmSat, a leading provider of international satellite services, merged their respective satellite service operations into a new publicly-held company, which retained the name PanAmSat Corporation. Hughes contributed its Galaxy® satellite services business in exchange for a 71.5% interest in the new company. PanAmSat stockholders received a 28.5% interest in the new company and \$1.5 billion in cash. Such cash consideration and other funds required to consummate the merger were funded by new debt financing totaling \$1,725.0 million provided by

Hughes, which borrowed such funds from GM.

For accounting purposes, the merger was treated by Hughes as an acquisition of 71.5% of PanAmSat and was accounted for using the purchase method. Accordingly, the purchase price was allocated to the net assets acquired, including intangible assets, based on estimated fair values at the date of acquisition. The purchase price exceeded the fair value of net assets acquired by \$2.4 billion. In addition, the merger was treated as a partial sale of the Galaxy business by Hughes and resulted in a one-time pre-tax gain of \$489.7 million (\$318.3 million after-tax).

As the Hughes 1997 financial statements include only PanAmSat's results of operations since the date of acquisition, the following selected unaudited pro forma information is being provided to present a summary of the combined results of Hughes and PanAmSat as if the acquisition had occurred as of the beginning of the respective periods, giving effect to purchase accounting adjustments. The pro forma data is presented for informational purposes only and may not necessarily reflect the results of operations of Hughes had PanAmSat operated as part of Hughes for the years ended December 31, 1997 and 1996, nor are they necessarily indicative of the results of future operations. The pro forma information excludes the effect of non-recurring charges.

(Dollars in Millions Except Per Share Amounts)	1997	1996
Total revenues	\$ 5,247.9	\$ 4,189.8
Income before extraordinary item	164.1	42.1
Net income	143.5	42.1
Pro forma available separate consolidated net income	41.8	15.5
Pro forma earnings per share attributable to GM		
Class H common stock	\$ 0.41	\$ 0.16

NOTE 15: Derivative Financial Instruments and Risk Management

In the normal course of business, Hughes enters into transactions that expose it to risks associated with foreign exchange rates. Hughes utilizes derivative instruments in an effort to mitigate these risks. Hughes' policy does not allow speculation in derivative instruments for profit or execution of derivative instrument contracts for which there are no underlying exposures. Instruments used as hedges must be effective at reducing the risk associated with the exposure being hedged and designated as a hedge at the inception of the contract. Accordingly, changes in market values of hedge instruments are highly correlated with changes in market values of the underlying transactions, both at the inception of the hedge and over the life of the hedge contract.

Hughes primarily uses foreign exchange-forward contracts to hedge firm commitments denominated in foreign currencies. Foreign exchange-forward contracts are legal agreements between two parties to purchase and sell a foreign currency, for a price specified at the contract date, with delivery and settlement in the future. The total notional amounts of contracts afforded hedge accounting treatment at December 31, 1998 and 1997 were not significant.

Hughes is exposed to credit risk in the event of non-performance by the counterparties to its foreign exchange-forward contracts. While Hughes believes this risk is remote, credit risk is managed through the periodic monitoring and approval of financially sound counterparties.

In connection with debt refinancing activities by PanAmSat in 1997, PanAmSat entered into certain U.S. Treasury rate lock contracts to reduce its exposure to fluctuations in interest rates. The aggregate notional value of these contracts was \$375.0 million and these contracts were accounted for as hedges. The cost to settle these instruments in 1998 was \$9.1 million and is being amortized to interest expense over the term of the related debt securities.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

NOTE 16: Discontinued Operations

On December 15, 1997, Hughes sold substantially all of the assets and liabilities of Hughes Avicom International, Inc. ("Hughes Avicom") to Rockwell Collins, Inc. for cash. Hughes Avicom is a supplier of products and services to the commercial airline market. Hughes recorded an after-tax gain of \$62.8 million on the sale. The net operating results of Hughes Avicom have been reported, net of applicable income taxes, as "Income (Loss) from discontinued operations, net of taxes" and the net cash flows as "Net cash used by discontinued operations."

Summarized financial information for Hughes Avicom follows:

(Dollars in Millions)	1997*	1996
Revenues	\$ 102.5	\$ 89.9
Net income (loss)	1.2	(7.4)

*Includes the results of Hughes Avicom through December 15, 1997.

NOTE 17: Segment Reporting

Hughes' segments, which are differentiated by their products and services, include Direct-To-Home Broadcast, Satellite Services, Satellite Systems and Network Systems. Direct-To-Home Broadcast is engaged in acquiring, promoting, selling and/or distributing digital programming via satellite to residential and commercial customers. Satellite Services is engaged in the selling, leasing and operating of satellite transponders and providing services for cable television systems, news companies, Internet service providers and private business networks. Satellite Systems designs, manufactures and markets satellites and satellite components. Network Systems products include satellite-based business networks and Internet access service, cellular-based fixed wireless telephone systems and mobile cellular digital packet data systems. Other includes the corporate office and other entities.

(Dollars in Millions)	Direct-To-Home Broadcast	Satellite Services	Satellite Systems	Network Systems	Other	Eliminations	Total
1998							
External Revenues	\$ 1,813.7	\$ 643.8	\$ 2,493.4	\$ 1,000.6	\$ 12.4		\$ 5,963.9
Intersegment Revenues	2.4	123.5	337.7	76.1	0.8	\$ (540.5)	-
Total Revenues	\$ 1,816.1	\$ 767.3	\$ 2,831.1	\$ 1,076.7	\$ 13.2	\$ (540.5)	\$ 5,963.9
Operating Profit ⁽¹⁾	\$ (228.1)	\$ 318.3	\$ 246.3	\$ 10.9	\$ (68.2)	\$ (30.1)	\$ 249.1
Depreciation and Amortization ⁽¹⁾	102.3	235.0	49.2	41.7	31.6	(5.0)	454.8
Intangibles, net	-	2,433.5	-	53.6	1,065.1	-	3,552.2
Segment Assets ⁽²⁾	2,190.4	5,890.5	1,491.2	1,299.0	2,856.8	(292.9)	13,435.0
Capital Expenditures ⁽³⁾	230.8	921.7	99.7	40.0	3.3	133.0	1,428.5
1997							
External Revenues	\$ 1,276.9	\$ 537.3	\$ 2,290.0	\$ 998.3	\$ 25.8		\$ 5,128.3
Intersegment Revenues	-	92.6	201.9	13.0	2.7	\$ (310.2)	-
Total Revenues	\$ 1,276.9	\$ 629.9	\$ 2,491.9	\$ 1,011.3	\$ 28.5	\$ (310.2)	\$ 5,128.3
Operating Profit ⁽¹⁾	\$ (254.6)	\$ 292.9	\$ 226.3	\$ 74.1	\$ (47.9)	\$ (5.4)	\$ 285.4
Depreciation and Amortization ⁽¹⁾	86.1	145.2	39.4	32.0	14.7	-	317.4
Intangibles, net	-	2,498.5	-	-	456.3	-	2,954.8
Segment Assets ⁽²⁾	1,408.7	5,682.4	1,312.6	1,215.6	3,298.1	(186.4)	12,731.0
Capital Expenditures ⁽³⁾	105.6	625.7	113.9	43.1	0.4	(62.1)	826.6
1996							
External Revenues	\$ 621.0	\$ 381.7	\$ 1,950.4	\$ 1,049.6	\$ 6.0		\$ 4,008.7
Intersegment Revenues	-	101.1	106.0	20.4	1.7	\$ (229.2)	-
Total Revenues	\$ 621.0	\$ 482.8	\$ 2,056.4	\$ 1,070.0	\$ 7.7	\$ (229.2)	\$ 4,008.7
Operating Profit ⁽¹⁾	\$ (319.8)	\$ 239.1	\$ 183.3	\$ 107.7	\$ (13.5)	\$ (7.7)	\$ 189.1
Depreciation and Amortization ⁽¹⁾	67.3	58.5	34.4	28.3	27.1	-	215.6
Intangibles, net	-	72.9	-	-	395.1	-	468.0
Segment Assets ⁽²⁾	1,023.4	1,275.5	757.8	964.0	457.1	(105.2)	4,372.6
Capital Expenditures ⁽³⁾	63.5	308.7	87.8	45.3	-	(55.9)	449.4

Certain 1997 and 1996 amounts have been reclassified to conform with the 1998 presentation.

- (1) Includes amortization arising from purchase accounting adjustments related to GM's acquisition of Hughes amounting to \$3.3 million in each of the years for the Satellite Services segment and \$17.7 million in each of the years in Other.
- (2) Assets of the Satellite Services segment and Other include the unamortized purchase accounting adjustments associated with GM's acquisition of Hughes. Satellite Services includes unamortized purchase accounting adjustments of \$66.3 million in 1998, \$69.6 million in 1997 and \$72.9 million in 1996. Other includes unamortized purchase accounting adjustments of \$360.3 million in 1998, \$378.0 million in 1997 and \$395.7 million in 1996.
- (3) Includes expenditures related to satellites in segments as follows: \$70.2 million in 1998 for Direct-To-Home Broadcast segment and \$726.3 million, \$606.1 million and \$259.2 million in 1998, 1997 and 1996, respectively, for Satellite Services segment. Satellite Services segment also includes \$155.5 million in 1998 related to the early buy-out of satellite sale-leasebacks.

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

A reconciliation of operating profit to income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change, as shown in the Statement of Income and Available Separate Consolidated Net Income, follows:

(Dollars in Millions)	1998	1997	1996
Operating profit	\$ 249.1	\$ 285.4	\$ 189.1
Interest income	112.3	33.1	6.8
Interest expense	(17.5)	(91.0)	(42.9)
Other, net	(153.1)	390.7	69.1
Income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change	\$ 190.8	\$ 618.2	\$ 222.1

The following table presents revenues earned from customers located in different geographic areas. Property and satellites are grouped by their physical location. All satellites are reported as United States assets.

(Dollars in Millions)	1998		1997		1996	
	Total Revenues	Net Property & Satellites	Total Revenues	Net Property & Satellites	Total Revenues	Net Property & Satellites
NORTH AMERICA						
United States	\$ 3,534.3	\$ 4,206.3	\$ 2,851.1	\$ 3,507.1	\$ 2,613.1	\$ 1,725.1
Canada and Mexico	136.7	2.0	101.3	-	27.4	-
Total North America	3,671.0	4,208.3	2,952.4	3,507.1	2,640.5	1,725.1
EUROPE						
United Kingdom	842.4	14.1	583.3	10.4	336.2	8.0
Other	275.5	0.6	419.0	0.4	290.0	0.3
Total Europe	1,117.9	14.7	1,002.3	10.8	626.2	8.3
LATIN AMERICA						
Brazil	184.9	4.6	131.2	-	48.6	-
Other	104.2	11.2	90.4	-	23.1	-
Total Latin America	289.1	15.8	221.6	-	71.7	-
ASIA						
Japan	185.9	0.6	147.9	0.5	119.7	0.4
India	83.4	14.7	46.5	12.7	8.0	11.7
China	63.4	1.7	154.5	1.5	125.2	1.4
Other	214.7	0.6	477.8	0.5	387.3	0.5
Total Asia	547.4	17.6	826.7	15.2	640.2	14.0
Total Middle East	284.3	-	77.7	-	1.2	-
Total Africa	54.2	0.3	47.6	-	28.9	-
Total	\$ 5,963.9	\$ 4,256.7	\$ 5,128.3	\$ 3,533.1	\$ 4,008.7	\$ 1,747.4

NOTE 18: Commitments and Contingencies

In connection with the 1997 spin-off of Hughes Defense and its subsequent merger with Raytheon, a process was agreed to among GM, Hughes and Raytheon for resolving disputes that might arise in connection with post-closing adjustments called for by the terms of the merger agreement. Such adjustments might call for a cash payment between Hughes and Raytheon. A dispute currently exists regarding the post-closing adjustments which Hughes and Raytheon have proposed to one another. In an attempt to resolve the dispute, Hughes gave notice to Raytheon to commence the arbitration process. Raytheon responded by filing an action in Delaware Chancery Court which seeks to enjoin the arbitration as premature. It is possible that the ultimate resolution of the post-closing financial adjustment provision of the merger agreement may result in Hughes making a payment to Raytheon that could be material to Hughes. However, the amount of any payment that either party might be required to make to the other is not determinable at this time. Hughes intends to vigorously pursue resolution of the dispute through the arbitration process, opposing the adjustments Raytheon seeks and seeking the payment from Raytheon that it has proposed.

Hughes has entered into agreements to procure commercial satellite launches, a significant number of which are expected to be used in connection with satellites ordered by outside customers. The agreements provide for launches beginning in 1999 and also contain options for additional launch vehicles. The total amount of the commitments, which is dependent upon the number of options exercised, market conditions and other factors, could exceed \$2.0 billion.

Hughes has a long-term agreement for multiple launch services aboard expendable launch vehicles using the Sea Launch ocean-based commercial launch system. Hughes plans to use options under this agreement to deliver communications satellites in-orbit. Sea Launch is scheduled to

demonstrate the capabilities of its ocean-based commercial launch system with its first launch in March 1999. The first launch will carry a demonstration payload having the same mission and physical characteristics (weight, size, etc.) as an HS 702 commercial communications satellite. If the first launch is not successful or delayed, Hughes could be required by customers to procure other launch vehicles to satisfy its contractual obligations, which may lead to higher operating costs.

DIRECTV has an agreement with General Electric Capital Corporation ("GECC") under which GECC agreed to provide an open-end revolving credit program for consumer purchases of DIRECTV receiver equipment, installations and ancillary items at selected retail establishments. Funding under this program was discontinued effective September 10, 1996. The aggregate outstanding balance under this agreement at December 31, 1998 was approximately \$190.0 million. Hughes has certain rights regarding the administration of the program, and the losses from qualifying accounts under this program accrue to Hughes, subject to certain indemnity obligations of GECC. Hughes has established allowances to provide for expected losses under the program. The allowances are subject to periodic review based on information regarding the status of the program. A complaint and counterclaim have been filed by the parties in the U.S. District Court for the District of Connecticut concerning GECC's performance and DIRECTV's obligation to act as a surety. GECC claims damages from DIRECTV in excess of \$140.0 million. DIRECTV seeks damages from GECC in excess of \$70.0 million. Hughes intends to vigorously contest GECC's allegations and pursue its own contractual rights and remedies. Hughes does not believe that the litigation will have a material adverse impact on Hughes' results of operations or financial position. Discovery is not yet completed in the case and no trial date has been set.

In December 1994, former Hughes entered into an agreement with Computer Sciences Corporation ("CSC") whereby CSC provides a significant amount of data processing services required by the non-automotive

NOTES TO FINANCIAL STATEMENTS (CONTINUED)

businesses of former Hughes. Baseline service payments to CSC are expected to aggregate approximately \$1.5 billion over the term of the eight-year agreement for former Hughes. Based on historical usage, approximately 17% of the costs incurred under the agreement are attributable to Hughes. The contract is cancelable by Hughes with early termination penalties.

At December 31, 1998, minimum future commitments under non-cancelable operating leases having lease terms in excess of one year, exclusive of satellite transponders leaseback payments disclosed in Note 4, are primarily for real property and aggregated \$323.8 million, payable as follows: \$56.6 million in 1999, \$53.3 million in 2000, \$52.3 million in 2001, \$50.3 million in 2002, \$29.4 million in 2003 and \$81.9 million thereafter. Certain of these leases contain escalation clauses and renewal or purchase options. Rental expenses under operating leases were \$62.0 million in 1998, \$72.2 million in 1997 and \$52.7 million in 1996.

In conjunction with its performance on long-term contracts, Hughes is contingently liable under standby letters of credit and bonds in the amount of \$294.3 million at December 31, 1998. In Hughes' past experience, no

material claims have been made against these financial instruments. In addition, Hughes has guaranteed up to \$204.6 million of bank debt, including \$150.0 million related to American Mobile Satellite Corporation, and up to \$22.1 million of capital lease obligations. \$150.0 million of bank debt matures in March 2003; the remaining \$54.6 million of bank debt matures in September 2007. The capital lease obligations are due in variable amounts over the next five years.

In connection with the DTH broadcast businesses, Hughes has commitments related to certain programming agreements which are variable based upon the number of underlying subscribers and market penetration rates. Minimum payments over the terms of applicable contracts are anticipated to be approximately \$700.0 million to \$800.0 million.

Hughes is subject to potential liability under government regulations and various claims and legal actions which are pending or may be asserted against it. The aggregate ultimate liability of Hughes under these claims and actions was not determinable at December 31, 1998. In the opinion of Hughes management, such liability is not expected to have a material adverse effect on Hughes' results of operations or financial position.

NOTES TO FINANCIAL STATEMENTS (CONCLUDED)

NOTE 19: Subsequent Events

Hughes entered into a contract with Asia-Pacific Mobile Telecommunications Satellite Pte. Ltd. ("APMT") effective May 15, 1998, whereby Hughes was to provide to APMT a satellite-based mobile telecommunications system consisting of two satellites, a ground segment, user terminals and associated equipment and software. As part of the contract, Hughes was required to obtain all necessary U.S. Government export licenses for the APMT system by February 15, 1999. On February 24, 1999, the Department of Commerce notified Hughes that it intends to deny the export licenses required by Hughes to fulfill its contractual obligation to APMT. Hughes has until March 16, 1999 to request reconsideration of the decision. As a result of Hughes failing to obtain the export licenses, APMT has the right to terminate the contract. At this time, there are ongoing discussions between Hughes and APMT regarding the contract, and between Hughes and the U.S. Government regarding the export licenses. If the U.S. Government ultimately denies the required export licenses or APMT terminates the contract, Hughes could be required to refund \$45.0 million to APMT and record a pre-tax charge to earnings of approximately \$100 million in 1999.

On January 22, 1999, Hughes agreed to acquire Primestar, Inc.'s ("Primestar") 2.3 million-subscriber, medium-power DTH business. In a related transaction, Hughes also agreed to acquire the high-power satellite assets and direct broadcast satellite ("DBS") orbital frequencies of Tempo, a wholly-owned subsidiary of TCI Satellite Entertainment, Inc. The acquisitions will be accounted for using the purchase method of accounting. The purchase price for the DTH business will be comprised of \$1.1 billion in cash and 4,871,448 shares of GM Class H common stock, for a total purchase price of \$1,325.0 million. The DTH transaction, pending regulatory and Primestar lender approval, is expected to close in early to mid-1999. The purchase price for the Tempo assets consists of \$500.0

million in cash, \$150.0 million of which is expected to be paid in early to mid-1999 and \$350.0 million which is payable upon Federal Communications Commission approval of the transfer of the DBS orbital frequencies, which is expected in mid to late-1999.

Hughes has maintained a suit against the U.S. Government since September 1973 regarding the Government's infringement and use of a Hughes patent (the "Williams Patent") covering "Velocity Control and Orientation of a Spin Stabilized Body," principally satellites. On April 7, 1998, the U.S. Court of Appeals for the Federal Circuit ("CAFC") reaffirmed earlier decisions in the Williams case and including the award of \$114.0 million in damages. The CAFC ruled that the conclusions previously reached in the Williams case were consistent with the U.S. Supreme Court's findings in the Warner-Jenkinson case. The U.S. Government petitioned the CAFC for a rehearing, was denied the request, and thereafter applied for certiorari to the U.S. Supreme Court.

On March 1, 1999, the U.S. Supreme Court denied the U.S. Government's petition for certiorari. The case will be remanded back to the trial court (Court of Claims) for entry of the final judgment. While no amount has been recorded in the financial statements of Hughes to reflect the \$114.0 million award of the interest accumulating thereon as of December 31, 1998, it is expected that resolution of this matter will result in the recognition of a pre-tax gain of approximately \$150 million during 1999.

The GGM transaction (discussed in Note 14) received regulatory approval and closed in February 1999.

SUPPLEMENTAL INFORMATION

SELECTED QUARTERLY DATA (UNAUDITED)

(Dollars in Millions Except Per Share Amounts)

	1998 Quarters				1997 Quarters			
	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Revenues	\$ 1,291.0	\$ 1,369.0	\$ 1,513.3	\$ 1,790.6	\$ 1,024.0	\$ 1,151.4	\$ 1,258.3	\$ 1,694.6
Income from continuing operations before income taxes, minority interests, extraordinary item and cumulative effect of accounting change	\$ 78.5	\$ 65.5	\$ 45.7	\$ 1.1	\$ 5.6	\$ 518.6	\$ 87.1	\$ 6.9
Income taxes	31.4	23.3	17.4	(116.8)	2.2	207.5	34.8	(7.8)
Minority interests	1.3	8.6	9.3	5.2	14.2	7.7	(5.1)	8.0
Income (loss) from discontinued operations	-	-	-	-	1.0	0.3	(0.1)	62.8
Extraordinary item	-	-	-	-	-	-	-	(20.6)
Cumulative effect of accounting change ⁽¹⁾	(9.2)	-	-	-	-	-	-	-
Net income	39.2	50.8	37.6	123.1	18.6	319.1	47.1	64.9
Earnings used for computation of available separate consolidated net income	\$ 44.5	\$ 56.1	\$ 42.9	\$ 128.2	\$ 23.9	\$ 324.4	\$ 52.4	\$ 70.0
Average number of shares of General Motors Class H common stock outstanding (in millions)	104.1	105.2	105.7	105.9	100.4	101.0	102.0	102.5
Class H dividend base (in millions)	399.9	399.9	399.9	399.9	399.9	399.9	399.9	399.9
Available separate consolidated net income	\$ 11.5	\$ 14.7	\$ 11.4	\$ 33.9	\$ 6.0	\$ 82.0	\$ 13.4	\$ 18.0
Earnings attributable to General Motors Class H common stock on a per share basis:								
Income from continuing operations before extraordinary item and cumulative effect of accounting change	\$ 0.13	\$ 0.14	\$ 0.11	\$ 0.32	\$ 0.06	\$ 0.81	\$ 0.13	\$ 0.07
Discontinued operations	-	-	-	-	-	-	-	0.16
Extraordinary item	-	-	-	-	-	-	-	(0.05)
Cumulative effect of accounting change ⁽¹⁾	(0.02)	-	-	-	-	-	-	-
Earnings attributable to General Motors Class H common stock	\$ 0.11	\$ 0.14	\$ 0.11	\$ 0.32	\$ 0.06	\$ 0.81	\$ 0.13	\$ 0.18
Stock price range of General Motors Class H common stock								
High	\$ 48.00	\$ 57.88	\$ 50.81	\$ 42.38	N/A	N/A	N/A	(2)
Low	\$ 31.50	\$ 42.75	\$ 35.00	\$ 30.38	N/A	N/A	N/A	(2)

(1) Hughes adopted SOP 98-5, Reporting on the Costs of Start-Up Activities, effective January 1, 1998. The unfavorable cumulative effect of adopting SOP 98-5 was \$9.2 million, or \$0.02 attributable to GM Class H common stock on a per share basis. The impact on the second, third and fourth quarters of 1998 was not significant.

(2) The stock price range for GM Class H common stock, for the period December 18, 1997 through December 31, 1997, was a high of \$40.00 and a low of \$35.75. The GM Class H common stock was recapitalized as part of the Hughes Transactions on December 17, 1997.

SUPPLEMENTAL INFORMATION (CONCLUDED)

SELECTED FINANCIAL DATA (UNAUDITED)

	(Dollars in Millions Except Per Share Amount)				
	1998	1997	1996	1995	1994
Revenues	\$ 5,963.9	\$ 5,128.3	\$ 4,008.7	\$ 3,152.8	\$ 2,697.0
Earnings used for computation of available separate consolidated net income	\$ 271.7	\$ 470.7	\$ 183.5	\$ 27.2	\$ 62.2
Average number of shares of General Motors Class H common stock outstanding (in millions)	105.3	101.5	98.4	95.5	92.1
Class H dividend base (in millions)	399.9	399.9	399.9	399.9	399.9
Available separate consolidated net income	\$ 71.5	\$ 119.4	\$ 45.2	\$ 6.5	\$ 14.3
Earnings attributable to General Motors Class H common stock on a per share basis	\$ 0.68	\$ 1.18	\$ 0.46	\$ 0.07	\$ 0.16
Capital expenditures ⁽¹⁾	\$ 1,428.5	\$ 826.6	\$ 449.4	\$ 442.3	\$ 399.0
Cash and cash equivalents	\$ 1,342.1	\$ 2,783.8	\$ 6.7	\$ 7.6	\$ 5.8
Working capital	\$ 1,836.9	\$ 3,323.3	\$ 277.5	\$ 311.9	\$ 273.5
Total assets	\$ 13,435.0	\$ 12,731.0	\$ 4,372.6	\$ 3,941.9	\$ 3,609.3
Long-term debt	\$ 778.7	\$ 637.6	\$ -	\$ -	\$ -
Minority interests	\$ 481.7	\$ 607.8	\$ 21.6	\$ 40.2	\$ -
Return on equity ⁽²⁾	3.1%	7.5%	6.7%	2.9%	4.6%
Income before interest expense and income taxes as a percent of capitalization ⁽³⁾	2.6%	12.8%	12.5%	6.6%	9.6%
Pre-tax return on total assets ⁽⁴⁾	1.6%	7.5%	6.6%	2.7%	4.5%

Certain amounts have been reclassified to conform with the 1998 presentation.

(1) Includes expenditures related to satellites amounting to \$929.5 million, \$575.3 million, \$187.9 million, \$274.6 million and \$255.8 million in 1998, 1997, 1996, 1995 and 1994, respectively. Also includes \$155.5 million in 1998 related to the early buy-out of sale-leasebacks.

(2) Income from continuing operations before extraordinary item and cumulative effect of accounting change divided by average owner's equity (General Motors' equity in its wholly-owned subsidiary, Hughes). Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes, but rather have rights in the equity and assets of GM (which includes 100% of the stock of Hughes).

(3) Income from continuing operations before interest expense, income taxes, extraordinary item and cumulative effect of accounting change divided by average owner's equity plus average debt.

(4) Income from continuing operations before income taxes, extraordinary item and cumulative effect of accounting change divided by average total assets.

WHAT IS CLASS H STOCK?*

GM Has Two Classes of Common Stock

This annual report is prepared for the benefit of holders of General Motors Corporation ("GM") Class H common stock. GM has two classes of common stock, Class H (ticker symbol GMH) and \$1 ²/₃ par value (ticker symbol GM). Holders of GM Class H common stock have no direct rights in the equity or assets of Hughes Electronics Corporation ("Hughes"), but rather have rights in the equity and assets of GM, which includes 100 percent of the stock of Hughes. For purposes of determining the approximate earnings per share attributable to GM Class H common stock for financial reporting purposes, an investor may divide the quarterly Hughes earnings allocated to GM Class H common stock (the Available Separate Consolidated Net Income of Hughes) by the weighted-average number of shares of GM Class H common stock outstanding during such quarter. Earnings per share of GM \$1 ²/₃ par value common stock are calculated on the consolidated earnings of GM excluding the aggregate earnings attributed to the outstanding shares of GM Class H common stock.

Class H is a GM Stock with Financial Returns Linked to the Performance of Hughes

Class H common stock, which is issued by GM, is designed to provide holders with financial returns based on the performance of Hughes and not the performance of any other GM subsidiaries, divisions, or operations. While the financial performance of Hughes determines the amount of GM earnings out of which dividends may be paid on GM Class H common stock, under the current GM board practice cash dividends are not paid on GM Class H common stock. The Board may change dividend practices and policies with respect to GM Class H common stock, or any other class of GM common stock, at any time.

Earnings Attributable to GM Class H Common Stock are Not Affected by Hughes Acquisition Intangibles

The Hughes Statement of Income and Available Separate Consolidated Net Income reflects amortization of purchase accounting adjustments arising from GM's acquisition of Hughes in 1985 of \$21.0 million in 1998, 1997 and 1996. Also, \$427 million and \$448 million, respectively, of related unamortized intangible assets are included in the December 31, 1998 and 1997 balance sheet. GM's Restated Certificate of Incorporation, as amended, provides that, in calculating the amount available for payment of dividends on GM Class H common stock (which amount is also used to calculate the earnings attributable to GM Class H common stock on a per share basis), amortization of the excess purchase price for the acquisition of Hughes will not be charged against the earnings of Hughes. For purposes of calculating the amounts available for payment of dividends on GM Class H common stock and on the GM \$1 ²/₃ par value common stock, amortization of such purchase accounting adjustments is charged against the amounts available for the payment of dividends on GM's \$1 ²/₃ par value common stock, not the GM Class H common stock. This annual report also provides supplemental data that enables readers to review the financial performance of Hughes, excluding amortization of GM purchase accounting adjustments related to Hughes.

*Not a part of the Notes to financial statements.

Board of Directors

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Vice Chairman
Hughes Electronics Corporation

Thomas E. Everhart
President Emeritus
California Institute of Technology
Chairman, Audit Committee

J. Michael Losh
Executive Vice President and
Chief Financial Officer
General Motors Corporation
Audit Committee

Charles H. Noski
President and
Chief Operating Officer
Hughes Electronics Corporation

Harry J. Pearce
Vice Chairman
General Motors Corporation
Executive Compensation Committee

Eckhard Pfeiffer
President and
Chief Executive Officer
Compaq Computer Corporation
Chairman, Executive Compensation
Committee

John G. Smale
Retired Chairman and
Chief Executive Officer
The Procter and Gamble Company
Audit Committee
Executive Compensation Committee

John F. Smith, Jr.
Chairman and
Chief Executive Officer
General Motors Corporation

Michael T. Smith
Chairman and
Chief Executive Officer
Hughes Electronics Corporation

Officers

Michael T. Smith
Chairman and
Chief Executive Officer

Charles H. Noski
President and
Chief Operating Officer

Steven D. Dorfman
Vice Chairman

Jack A. Shaw
Executive Vice President**

Roxanne S. Austin
Senior Vice President and
Chief Financial Officer

Sandra L. Harrison
Senior Vice President

Eddy W. Hartenstein
Senior Vice President**

Pradman P. Kaul
Senior Vice President**

Tig H. Krekel*
Senior Vice President

Larry D. Hunter
Vice President

Mark A. McEachen
Vice President and Treasurer

Roderick M. Sherwood, III
Vice President

* Effective January 18, 1999

** Effective January 25, 1999

GM Class H Common Stockholder Information

Market prices of General Motors Class H common stock ranged from \$30.38 to \$57.88 during the calendar year 1998. The number of holders of record of GM Class H common stock as of December 31, 1998, was 205,893.

Transfer Agent and GM Class H Stock Registrar

BankBoston c/o Equiserve
General Motors Shareholder Services
P.O. Box 8036
Boston, Massachusetts
02266-8036
(800) 331-9922
<http://www.equiserve.com>
Phone outside continental U.S. and Canada (781) 575-3990
TTD for the deaf, hard of hearing or speech impaired
(800) 994-4755

Independent Auditors

Deloitte & Touche LLP
1000 Wilshire Boulevard
Los Angeles, California
90017-2472

Investor Relations GM Class H Stock

Hughes Electronics Corporation
P.O. Box 956
200 N. Sepulveda Blvd.
El Segundo, California
90245-0956
(310) 662-9688

Media Relations Department

Hughes Electronics Corporation
P.O. Box 956
200 N. Sepulveda Blvd.
El Segundo, California
90245-0956
(310) 662-9670

Stock Data

Ticker Symbol: GMH
Listed on the New York Stock
Exchange

Marcy J.K. Tiffany
Vice President and
General Counsel

Michael J. Gaines
Controller

Jan L. Williamson
Secretary

Internet

View this Annual Report and other Hughes Electronics information on our World Wide Web site at <http://www.hughes.com>