



GE Astro Space

***Capability without
Boundary***

GE Astro Space

Locations in USA



Approximate distances from U.S. arrival points.

- New York City – 50 miles (80 Km)
- Newark – 40 miles (64 Km)
- Philadelphia – 45 miles (72 Km)
- Washington D.C. – 178 miles (286 Km)



Nuestra tradición de comprobada excelencia en la industria espacial - con más de 160 misiones exitosas - cubre las áreas de comunicaciones, navegación, investigación, ciencia y observación terrestre. Respaldando este gran desempeño se encuentra un vigoroso y experto grupo de profesionales preparados para tornar sus planes de negocios y aspiraciones de descubrimiento en realidades concretas.

Forme con nosotros un exitoso equipo internacional.

Notre héritage à ce jour - plus de 160 satellites lancés avec succès - couvre les domaines des communications, de la navigation, de la recherche scientifique et de l'observation de la terre.

Notre succès, nous le devons à nos équipes, expertes et légitimement fières, qui sont capables aujourd'hui de changer en réalité vos objectifs et rêves de découverte.

Rejoignez-nous et devenez membre d'une équipe internationale de gagnateurs.

La nostra comprovata esperienza nel campo spaziale - oltre 160 satelliti lanciati con successo - abbraccia il campo delle comunicazioni e della navigazione, quello scientifico come quello della valutazione a distanza delle caratteristiche del pianeta Terra. A questi risultati concorrono l'impegno e l'esperienza dei nostri uomini, pronti a realizzare i vostri obiettivi di lavoro e i vostri sogni di scoperta.

Con noi farete parte di una squadra internazionale vincente.

Die Reihe bewiesener Leistungen im Weltraum - mehr als 160 erfolgreich gestartete Satelliten - schließt Bereiche wie Kommunikation, Navigation, wissenschaftliche Anwendungen und Erderkundung ein. Hinter dieser Leistung steht eine stolze und erfahrene Belegschaft bereit, auch Ihre kommerziellen Ziele und Entdeckungsträume in die Wirklichkeit umzusetzen.

Schließen Sie sich uns an und werden Sie Partner eines internationalen, erfolgreichen Teams!

160개 이상의 인공위성을 성공적으로 궤도에 진입시킨 우리의 실적과 전문은 통신위성, 항해위성, 과학실험위성, 지구탐사위성 등 모든 인공위성 분야를 망라하고 있습니다.

우리는 이와같은 실적을 바탕으로 자랑스러운 우리의 전문가들은 귀사의 사업목적과 탐험의 꿈을 실현시켜 드릴 것입니다.

우리와 손을 잡고 국제적인 승리자가 됩시다.

我們在太空領域上獲取成功是有傳統的：我們已經發射了一百六十多枚的人造衛星。這些成就包括通訊、航導、科學研究、地球遙測等用途。這些成就歸功於一群充滿信心、技術專門的工作人員。他們隨時準備把您的企業目標及發覺的美夢轉變為現實。

讓我們來進行合作而成為一個國際優勝隊。

GEアストロ社の衛星はこれまで160個以上打ち上げられており、通信、航行、科学、地球観測等の多種多様なミッションに従事しております。これは、GEアストロ社の優秀な技術を裏付けるものであり、この様な実績に基づき、皆様方のいかなる御要望にもお答えすべくお待ちいたしております。

تاريخنا الحافل بالاداء الفعال في مجال الفضاء - من خلال تصنيع وإطلاق أكثر من ١٦٠ قمراً صناعياً بنجاح تام - يغطي مجالات الاتصالات، الملاحة الجوية، العلوم والاستشعار عن بعد. يقف خلف هذا الاداء المميز فريق عمل مؤهل وقخور بانجازاته ومستعد لتحويل أهدافكم ومتطلباتكم من مجرد أفكار الى حقيقة فعلية.

انضم إلينا وأصبح عضواً في فريق دولي ناجح.



Dr. L.R. Greenwood

From the beginning of the space industry, the GE Astro Space mission has been to provide the international space community with the highest quality yet lowest cost space systems. We've developed a progressive systems approach to spacecraft design which successfully supports this mission by offering customers the continuous improvement of proven designs.

Our heritage of demonstrated excellence in space—over 160 successfully launched satellites—spans the communications, navigation, scientific, and remote sensing fields. Behind this performance stands a proud and expert workforce ready to turn your business objectives and dreams of discovery into reality.

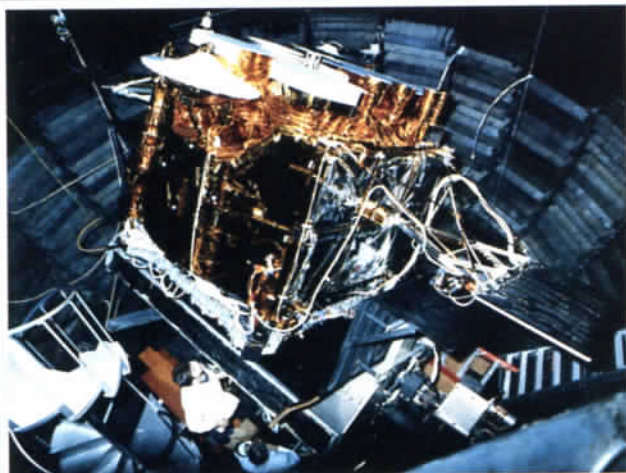
As your prime contractor, co-contractor, or subcontractor, Astro Space achieves cost, schedule, and technical objectives.

Join us and become part of an international winning team.

Vice President and General Manager
GE Astro-Space Division



World-Class Organization



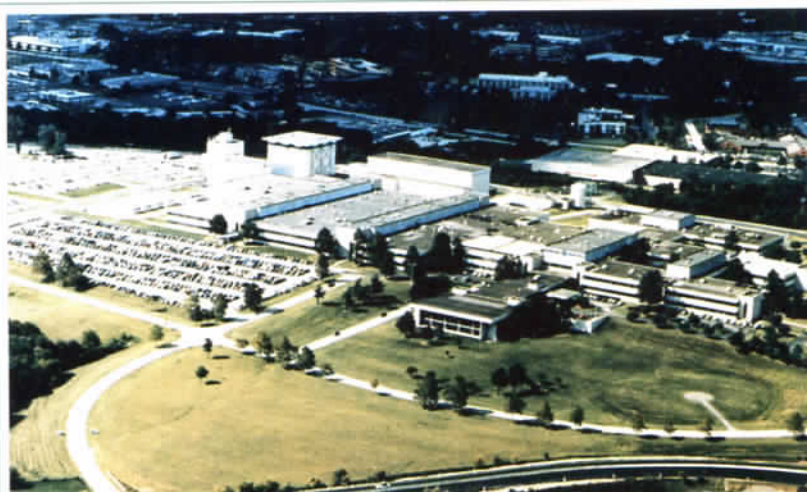
Thermal vacuum, solar simulation chamber.



Parabolic antenna test range.



Tracking station in Carpentersville, New Jersey.



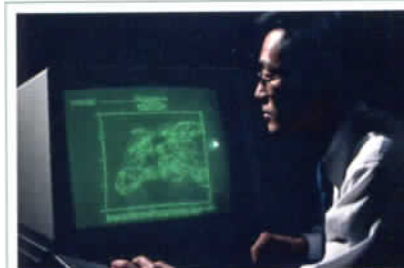
GE Astro Space complex in King of Prussia, Pennsylvania.



Microelectronics laboratory.



Spin balance test facility.



Antenna pattern analysis.



Manufacturing clean room.



11-meter diameter thermal-vacuum chamber.

*Strong leadership,
first-class design
and production
facilities, and an
expert workforce
stand behind our
success.*

169 successfully launched spacecraft

3 locations (East Windsor, New Jersey; King of Prussia, Pennsylvania; and San Jose, California) covering over 2 million square feet

5,300 employees and growing



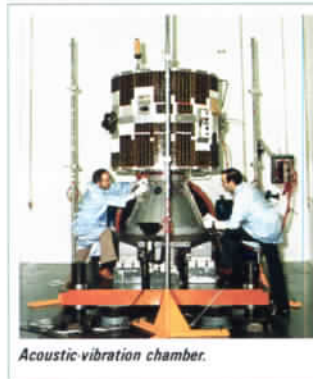
GE Astro Space complex in East Windsor, New Jersey.



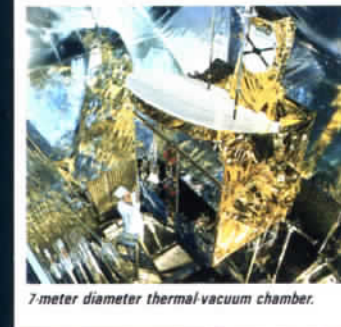
Antenna test range.



Computer-aided design.



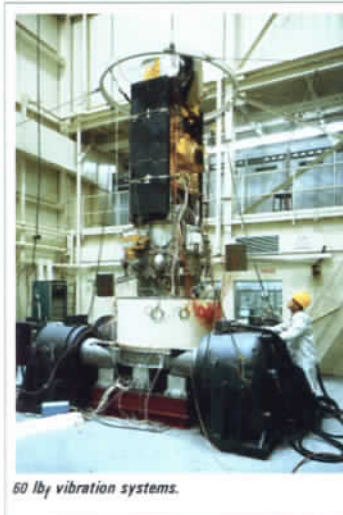
Acoustic-vibration chamber.



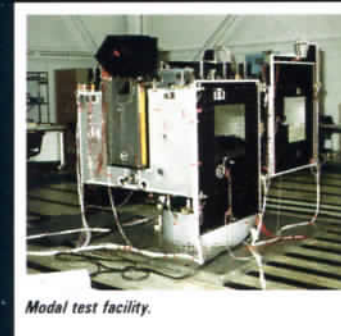
7-meter diameter thermal-vacuum chamber.



In-house satellite operations control center.

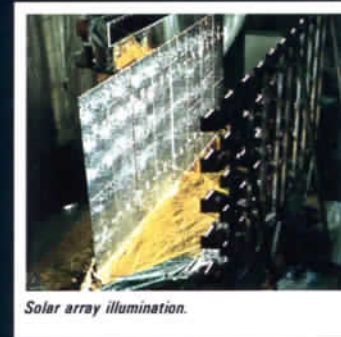


60 lb vibration systems.



Modal test facility.

One of ten Class 10,000 integration clean rooms.



Solar array illumination.

Operational Systems

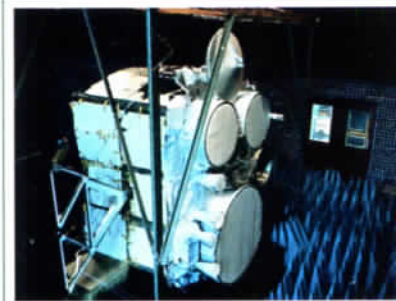
Meeting the demands of multi-satellite programs for navigation, meteorological, communications, and earth observation missions.



Design of the GPS Block IIR navigation satellite is underway.



DSCS III, secure, anti-jam communications for the U.S. Air Force.



DSCS III EMI testing.



TIROS weather satellites have provided uninterrupted service since 1960.



Astro has delivered 26 satellites in the Defense Meteorological Satellite Program.



Final inspection of a DMSP Block 5D2.



Fourteen small navigation satellites were built in the NAVSAT program.



Landsat 6 in its operational configuration.



TIROS satellites in production.

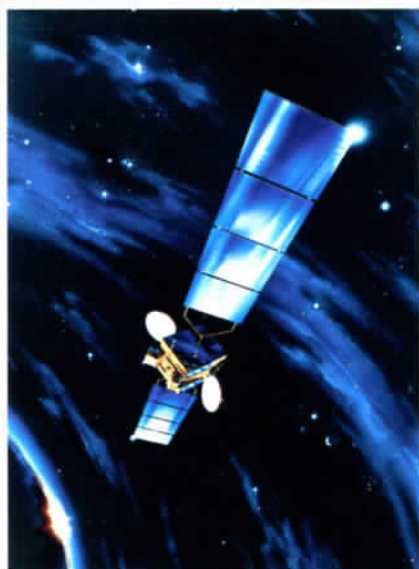
Commercial Systems



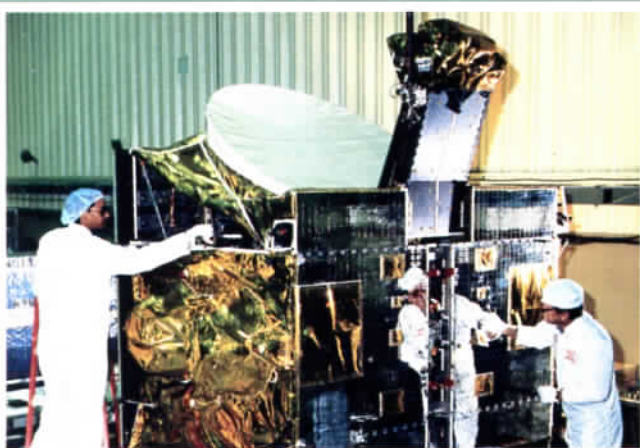
The INMARSAT-3 space segment will utilize the Series 4000 design.



Communications satellite production.



The Series 7000 platform provides resources with margin for AT&T's Telstar 4 system.



Astra 1A is broadcasting pay TV to homes throughout Western Europe.



Under a subcontract to NEC, GE has provided two Series 4000 platforms.



The Anik E platform, was built by Astro under a subcontract to Spar Aerospace of Canada.



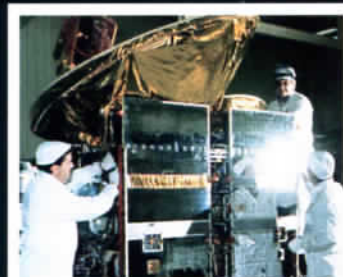
This direct broadcast satellite carries three 200-watt transponders.



The Series 3000 platform accommodates a range of payloads for U.S. owners/operators.



A Series 5000 will carry a C and Ku band payload for INTELSAT.



PAS-1 opened a new era of international satellite communications.

A series of space platform designs and progressive payload technology provide profitable returns to communications satellite owners around the world.

Research Systems

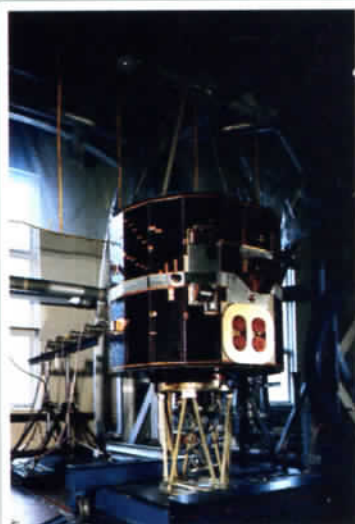
Resourceful platforms and systems integration expertise provide the maximum of data return for the world's scientists.



The POLAR laboratory will measure Earth's inner magnetosphere and auroral regions.



Radioisotope thermoelectric generators power the science aboard Voyager.



The Dynamics Explorer spacecraft investigated Earth's atmospheric properties.



The Mars Observer will remotely study Martian surface and atmosphere.



The Upper Atmosphere Research Satellite (UARS) will carry 10 complex instruments into orbit in 1991.



The first Earth Observing System platform will accommodate multiple instruments to measure Earth's surface and lower atmosphere.

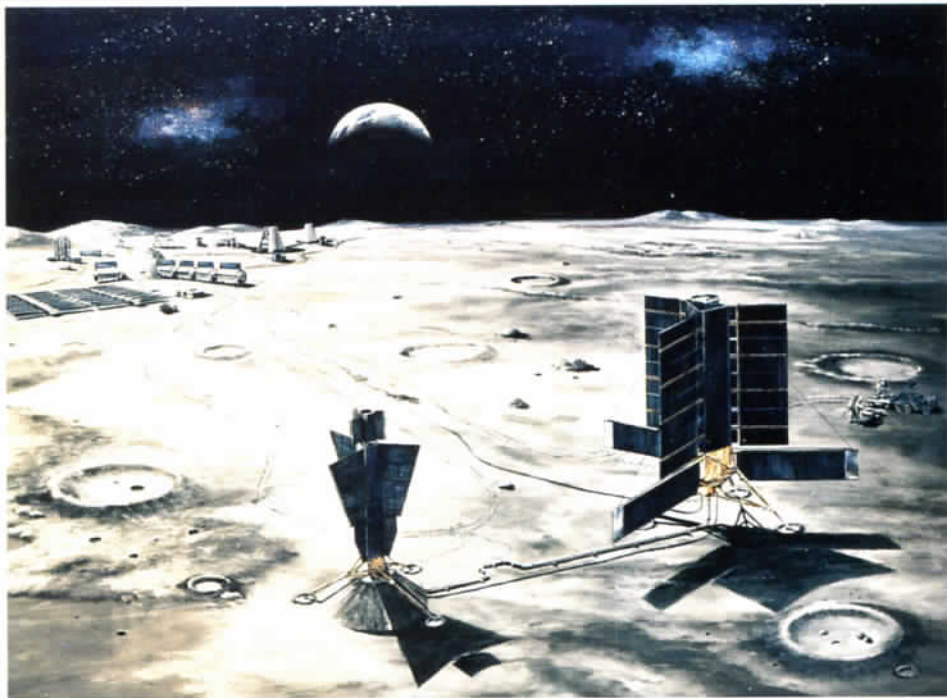


The Advanced Communications Technology Satellite will act as a testbed for new technologies.

UARS will gain definitive information about changes in the upper atmosphere.



Future Systems



Nuclear energy power sources for robotic and manned planetary expeditions.

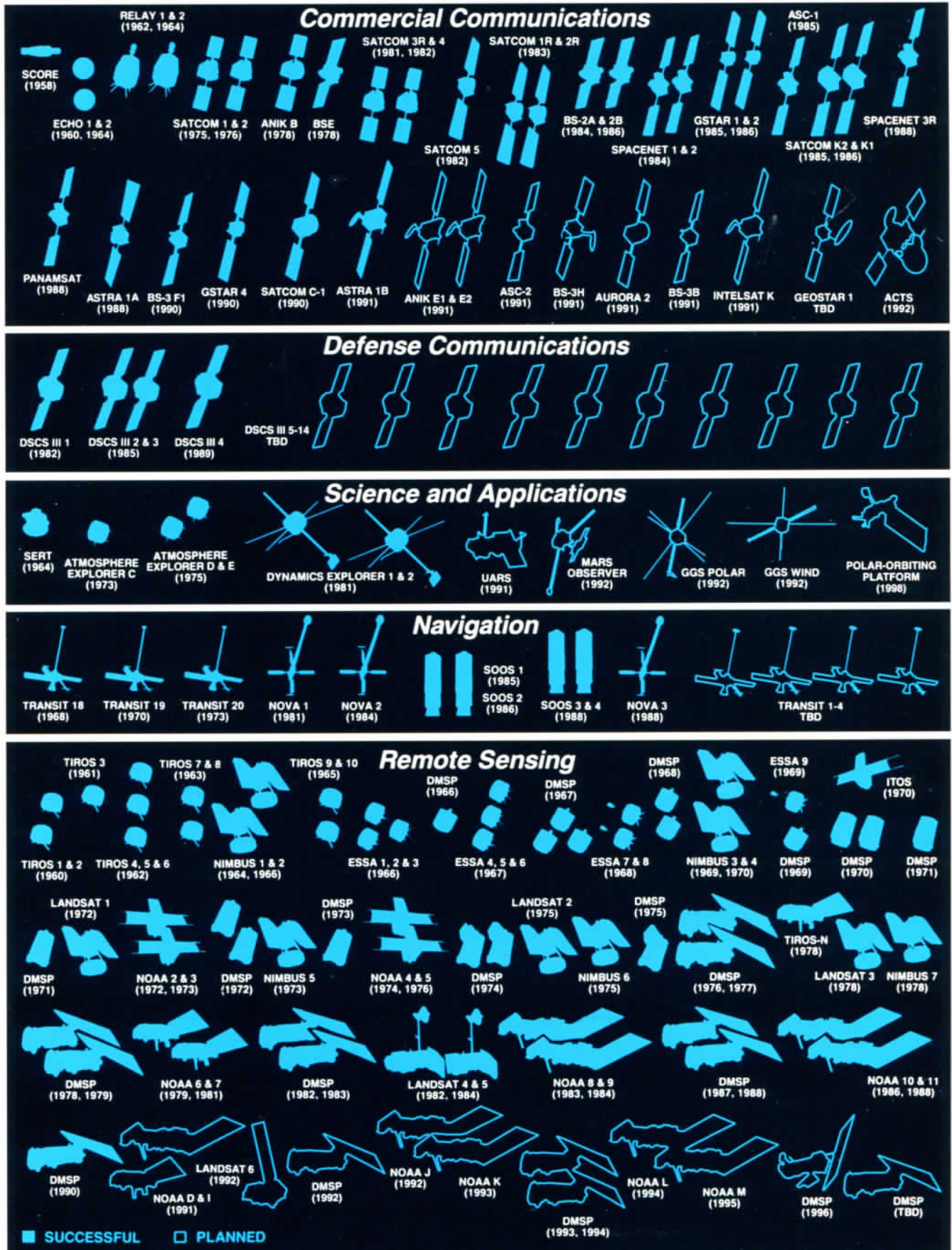


Low-cost Mars and lunar-bound reconnaissance satellites.

Small space platforms for a variety of mission applications.



...A Heritage of Proven Performance in all Space Applications...



...Become Part of an International Team.

*Forme con nosotros un exitoso equipo
internacional.*

*Rejoignez-nous et devenez membre d'une équipe
internationale de gagneurs.*

*Uniti siamo una squadra internazionale
vincente.*

Werden Sie Partner eines internationalen Teams!

成为國際優勝隊的一員。

成爲國際優勝隊的一員。

皆様と共に世界の衛星事業の発展に貢献出来れば幸
です。

كن عضواً في فريق دولي.





GE Astro Space

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