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Soggetti	Electrical engineering Electronics Microelectronics Transportation engineering Traffic engineering Computer networks Law of the sea International law Communications Engineering, Networks Electronics and Microelectronics, Instrumentation Transportation Technology and Traffic Engineering Computer Communication Networks Law of the Sea, Air and Outer Space
Lingua di pubblicazione	Inglese
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Nota di contenuto	Inmarsat GEO GMSC System -- Non-GEO GMSC Systems -- Global Broadcasting Satellite System -- Cospas-Srasat LEO and GEO GMSC System -- Global Mobile Satellite Distress Systems (GMSDS) -- Global Satellite Augmentation Systems -- Stratospheric Platform Systems.
Sommario/riassunto	This book discusses global mobile satellite communications (GMSC) for maritime, land (road and rail), and aeronautical applications. It covers how these enable connections between moving objects such as ships, road and rail vehicles and aircrafts on one hand, and ground telecommunications subscribers through the medium of

communications satellites, ground earth stations, Terrestrial Telecommunication Networks (TTN), Internet Service Providers (ISP) and other wireless and landline telecommunications providers. The new edition covers new developments and initiatives that have resulted in land and aeronautical applications and the introduction of new satellite constellations in non-geostationary orbits and projects of new hybrid satellite constellations. The book presents current GMSC trends, mobile system concepts and network architecture using a simple mode of style with understandable technical information, characteristics, graphics, illustrations and mathematics equations. It represents telecommunications technique and technology, which can be useful for all technical staff on vessels at sea and rivers, on all types of land vehicles, on planes, on off shore constructions and for everyone possessing satellite communications handset phones. The first edition of Global Mobile Satellite Communications (Springer, 2005) was split into two books for the second edition – one on applications and one on theory. This book presents global mobile satellite communications applications.

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