# **SKY Perfect JSAT Corporation**





July 24, 2015 SKY Perfect JSAT Corporation JSAT MOBILE Communications Inc.

SKY Perfect JSAT Group to Provide Mobile Satellite Communications
For Kogakuin University Solar Car Project Team at World Solar Challenge 2015

Tokyo, July 24, 2013 - SKY Perfect JSAT Corporation has announced that its subsidiary JSAT MOBILE Communications Inc. ("JSAT MOBILE") will sponsor the Kogakuin University Solar Car Project Team in the World Solar Challenge 2015 ("WSC") to provide mobile satellite communications solutions in cooperation with the leading global mobile satellite communications service provider Inmarsat Plc (UK) and the leading wireless broadband products manufacturer Addvalue Technologies Ltd. (Singapore).

WSC is a world famous solar-powered car race held in Australia. The thirteenth biennial WSC event will take place between the 18<sup>th</sup> and 25<sup>th</sup> of October, 2015. WSC is a demanding race covering approximately 3,000km from Darwin in the Northern Territory through the heart of the Australian outback; a desert zone that lacks fundamental infrastructure such as electricity or mobile/terrestrial telecommunications. The race will finish in the City of Adelaide in South Australia.

JSAT MOBILE, a supporter since 2013, will provide the students of Kogakuin University with reliable, high quality Inmarsat satellite communications services via BGAN and IsatPhone Pro over the Inmarsat I4 geostationary satellite constellation throughout the entire race; enabling the team to maintain real time communications with the support personnel travelling in several dedicated vehicles. JSAT MOBILE will also provide necessary equipment for communication such as BGAN Safari and IsatPhone 2. The terminals will be used to exchange real time telemetry data, road condition and weather forecast information as well as dynamic information about the changing race environment. The mobile satellite communications solution will also allow the team members to give their supporters, families and media in Japan frequent updates on the race progress.

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## About SKY Perfect JSAT Corporation

SKY Perfect JSAT Corporation is the only provider of multichannel pay TV broadcasting and satellite communications in Japan, and the largest in Asia and Oceania. The Company's operations are broadly divided into two segments. Our Multichannel Pay TV Business provides "SKY PerfecTV!", Japan's largest multichannel pay TV broadcasting service. In our Space & Satellite Business, we operate the backbone on which "SKY PerfecTV!", Asia's largest fleet of communication satellites, 16 in all.

### About JSAT MOBILE Communications

JSAT MOBILE Communications was formed as a joint venture by SKY Perfect JSAT Corporation, Inmarsat, Japan Radio Company and Furuno Electric to serve and expand the mobile satellite communications needs of the Japanese market. JSAT MOBILE's offers service for mobile satellite communications for the maritime and aviation market, emergency disaster responses for the enterprise market, and communications for media in digital divided areas.

#### About Inmarsat

Inmarsat is the world's leading provider of global satellite communication services – the industry pioneer with more than 30 years' experience. Inmarsat currently operates 10 Inmarsat satellites in orbit 36,000 km above the equator. These satellites provide a range of communications services to user terminals, including voice telephony, fax, telex, data transmission and packet transmission for automotive, maritime and aircraft-use.

### About Addvalue (www.addvaluetech.com)

Addvalue Communications Pte Ltd, a wholly-owned subsidiary of SGX Mainboard-listed Addvalue Technologies Ltd (A31), is a leading one-stop digital, wireless and broadband communications technology products innovator, which provides state-of-the-art satellite-based communication terminals and solutions for a variety of voice and IP based data applications.

Addvalue is presently a leading global developer and supplier of mobile satellite terminals supporting coverage provided by premier mobile satellite communication operators. These terminals are ideal choices for communications in areas around the world where terrestrial networks are non-existent, or ineffective. This is particularly so for maritime communications, which rely almost entirely on satellite communication which Addvalue's marine products are well suited to address.

Addvalue will provide its Wideye SAFARI Land Vehicular BGAN Terminals to the Kogakuin Solar Car project.

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About Wideye SAFARI Land Vehicular BGAN Terminal



[Wideye SAFARI Land Vehicular BGAN Terminal Features]  □ Simultaneous voice (International Call) Fax, and high speed Background IP data  □ Background IP data up to 448/464kbps (send & receive) suitable for Internet connectivity  □ Streaming data speeds up to 128kbps (send/receive)  □ Stable and high quality mobile communication via Inmarsat geostationary satellites  □ One of the smallest compact land vehicular BGAN terminal on BGAN Satellite Network  □ Solid design for the use in most demanding environment  □ User friendly and easy installation for its terminal and built-in magnetic antenna  □ Easy internet access via wired interfaces and standard built-in Wi-Fi features.
[Wideye SAFARI Land Vehicular BGAN Terminal Technical Specification]
Weight: 1.6kg, Dimension: 340mm x 253mm x 61.5mm, Ingress Protection: IP44  □ Antenna Unit
Weight: 1.9kg, Dimension: 252mm (Dia) X 119mm, Ingress Protection: IP56
□ Primary Handset
Telephone - One telephone handset with two telephone ports
LAN – Two wired LAN ports and one Wireless LAN port

### About IsatPhone 2

### [IsatPhone 2 Handset Features]

- ☐ Latest satellite phone with higher call quality, robust handset (IP65,
- IK04 compatible) and all-new safety confirmation features. □ Reliable and excellent call quality only by geostationary satellite
- □ Incoming call alerts with antenna stowed.
- □ Voice (international call) and international SMS
- ☐ Large-capacity battery with standard talk time of 8 hours and standby time of 160 hours
- ☐ Compact size, light weight and low-priced mobile device
- □ Inexpensive calling rates.

# [IsatPhone 2 Technical Specification]

- ☐ Weight: 318 g
- ☐ Dimensions: 75mm x 169mm x 36mm
- □ Operating time: Talk Time 8 hours, Standby 160 hours
- ☐ Features: Voice (international call),

Voicemail, SMS (international SMS, E-mail compatible), GPS deployment, Multi language support including Assistance button: sends GPS location data and text to

pre-set emergency number

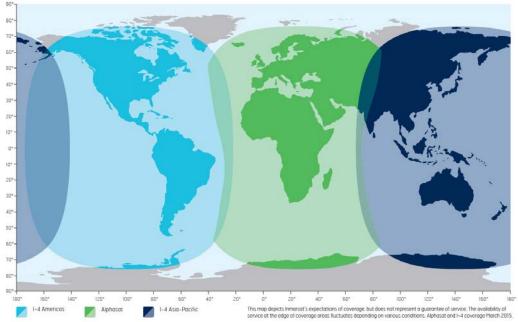
Full color display

Japanese, Easy to dial large keypad

☐ Ingress Protection: Dust, splash and shock resistant (IP65, IK04)

# About Inmarsat Service Coverage





# About The Solar Car Project of Kogakuin University

The Solar Car Project is formed by a group of engineering students from Kogakuin University as a part of student creativity activities supported by the university and private companies to compete in the prestigious World Solar Challenge solar car race.

http://www.kogakuin.ac.jp/english/

