SKY Perfect JSAT
Satellites and Services

By Yutaka Nagai
Director of the Board,
Sr. EVP, Corporate planning & strategy group
SKY Perfect JSAT Corporation
History of the SKY Perfect JSAT Group

1985
Japan Communications Satellite Company, Inc established

1985
Satellite Japan Corp. established

1985
Space Communications Corp. (SCC) established

1993
Merger

1994
DMC Planning Inc. established

1996
Japan Sky Broadcasting Co., Ltd established

1998
Merger

2000
Migration of DIRECTV Japan's subscribers

2004
Merger with Plat One Corp., Ltd.

2007
Business Integration

2008
SCC became a subsidiary through share acquisition

2007
Business Integration

October, 2008
Merger of three group companies

2008
SCC became a subsidiary through share acquisition

(Holding Company)

SKY Perfect JSAT Holdings Inc.

(Operating Company)

SKY Perfect JSAT Corporation

1985
Satellite Japan Corp. established

1994
DMC Planning Inc. established

2000
Received NTT Group's ownership interest in N-STARa and N-STARb.

2004
Merger with Plat One Corp., Ltd.
Our Business Domain

Multi-channel PayTV Business
- SKY PerfecTV!, Japanese largest payTV platform
- DTH & IPTV
- More than 4 million subscribers

Satellite Business
- Global coverage with 12 satellites
- Capacity leasing and Value-added services
- Varied users; Government agencies, Private enterprises, Broadcasters, Electric power & Gas Industry, etc…

Group Companies

■ JSAT International Inc.
  - U.S. subsidiary of SKY Perfect JSAT Corp., working with the joint-venture partner, Intelsat, to market capacity on satellites in North America. (Horizons-1,2)

■ JSAT Mobile Communications Inc.
  - Immarsat service provider, working with the joint-venture partner, Stratos Global Corp.

■ Satellite Network Inc.
  - Uplink service provider owns and operates 8 SNG trucks including HDTV capable one.
Satellite Fleet - Present and Future
Planning to launch 3 satellites by the end of 2011

Current Satellite Fleet

Future Launches

■ FY2009
- Intelsat-15
  Partial ownership of the satellite launched by Intelsat, Ltd.
- JCSAT-12
  A successor satellite to JCSAT-R, a backup satellite.

■ FY2011
- JCSAT-110R
  A satellite jointly owned with Broadcasting Satellite System Corp.
  Loaded with the back-up satellite system of the N-SAT-110, providing SKY PerfectTV! E2 service.
**Satellite Footprints - Global Coverage**

- **Ku-band Japan beam (All JCSAT/Superbird Series Satellites)**
  - Serving for all major TV networks’ SNG systems in Japan

- **C-band beam (JCSAT-2A, JCSAT-5A, JCSAT-3)**
  - Covering entire Asia-pacific region

- **Ku-band Steerable spot beam (Superbird-B2, Superbird-C2)**
  - High G/T enables a HDTV contribution with a small flyaway antenna from any desired location

- **North America Ku-band beam (Horizons-1, Horizons-2)**
  - One-stop US-Asia service by the combination with Hawaii turnaround and JCSAT’s C-band beam
Ground Facilities

SPW (Yamaguchi)
- Satellite control/monitoring (Back-up)

YSCC (Yokohama)
- Satellite control/monitoring (Main)
- Teleport
- Technical Test & Research Facility

SPE (Ibaraki)
- Satellite control/monitoring (Back-up)
- Teleport
- Downlink facility for SOFTBANK TELECOM Corp. (IS-5,8 Asiasat-2, Chinasat-6B, Superbird-B2,C2)

Toyocho Broadcast Center (Tokyo)
- Broadcasting Playout/Uplink for SKY PerfecTV!

Fiber Connection

SoftBank Telecom
Tokyo Multimedia Center
- Video HUB/MCR

To SOFTBANK TELECOM’s Global Fiber Network
New service - Portalink

- Equipments are developed and distributed by SKY Perfect JSAT Corp. and Japan Radio Corporation.
- Services are provided by SKY Perfect JSAT Corp.
- Portable, small, lightweight terminal (Less than 20Kg)
- Only 5 minutes to set up antenna and point to the satellite
- HDTV Capable, Maximum 6Mbps transmission
  Maximum 9Mbps with new high-power model terminal (will be released in 2009)
- Terminals are remote-controlled from our Ibaraki Operation center. No need of certified, skilled operators on site.
- Versatile IP communication with Ethernet connection
Thank you