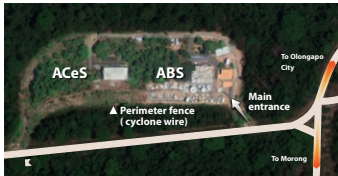


ABS PLUS Teleports - Subic Bay

Subic Bay Teleport

This is an all-in-one world-class teleport facility which supports broadcasters, telcos, enterprises, government and military, cloud services and ICT solution providers to provide telecommunication services to meet the growth of digital information. **ABSPlus Teleports** deliver a complete and integrated suite of services and connectivity with efficiency, quality and reliability. Our workforce is composed of engineers and technicians operating the earth station around the clock to deliver operational excellence and support.



Geographical Location	14.76°N 120.28°E
Location	Subic Bay Freeport Zone
Area	Land space 10,121m ² , building floor 1,370m ²



Accessible Beams

ABS-2 satellite	C-band Global and East Hemi beams, Ku-band Southern beam
ABS-2A satellite	Ku-band Southeast Asia beam
ABS-6 satellite	C-band A & B beams and Ku-band Southern beam

Key Antenna Systems



SBC05
Vertex 11m C-Band
ABS-6 A & B Beams



SBC06
Vertex 7.2m Ku-Band
ABS-2A SEA



SBC07
Vertex 7.3m C-Band
Backup for SBC05
ABS-6 A & B Beams



SBC09
Vertex 9m Ku-Band
ABS-6 Southern



SBC10
Vertex 8.1m C-Band
ABS-2 EH & GB



SBC11
Vertex 8.1m C-Band
Backup for SBC10
ABS-2 EH & GB



SBC17
Vertex 9.3m C-Band
Backup for SBC01
ABS-2 PTTC

Our antenna systems are designed with safety measures with the best fit components and architecture to meet your needs. Each antenna system is equipped with RF redundancy which enables automatic fall over to maintain operations. The systems are configured to forecast demand and usage growth to allow you to optimize your services.

Service Summary

Hosting Services

- VSAT hubs and related equipment
- Network gateways for GEO satellites
- "Horizon-to-horizon" antennas for constellations
- Beam monitoring

Managed Services

- RF Uplink and / or downlink
- Primary & backup TT&C
- IP transit provisioning
- Remote site monitoring

Data Services

- VSAT Network
- Cellular Backhaul
- SCPC Link
- VNO – iDirect

Video Services

- MCPC
- Playout
- Turn-around
- Encryption

Viewable Satellite Arc

With our geographical location close to the equator and in between Asia and Australia, the teleport has a viewable satellite arc from 60°E to 180°E. This allows us to see a large number of commercial satellites with footprints that cover the most populated regions in the world. This strategic location helps to connect your content and data to the largest numbers of viewers and users.



Hosting

ABS offers scalable colocation services to host your antenna, gateway, hub, monitoring system, network equipment and related facilities, setting you free from massive investments in antenna farm and IT infrastructure.

- Access to multiple satellites from the Pacific Ocean to the Middle East
- Schedule services such as antenna re-targeting, peaking and commissioning test
- Highly experienced satellite and IP engineers to perform 24x7x365 monitoring
- Three 120KVA uninterruptible power supply (> 30minutes backup time)
- Two diesel-power generators with 1.9MVA total
- Reserve tank with over 20,000 liters of capacity (1 month's fuel)



Video Broadcasting

The teleport delivers video content through its Master Control Room (MCR) center. Services include contribution, distribution, multimedia encoding, direct to home (DTH), multi-channels per carrier (MCPC) and over the top (OTT) platforms.

IP Connectivity

We offer high-performance, low-latency internet connectivity through a diversified backhaul infrastructure via land fiber and subsea cable to the internet. All our backbone links are well-protected with a resilient design.

- Two totally diverse fiber routes with two separate fiber entry points
- Dedicated bandwidth allocation up to gigabit throughput
- Peering with Tier-1 internet provider and subsea cable operator
- Supporting full BGP routing for both IPv4 and IPv6 protocols
- Both local loop fiber and ISP peering are protected with full redundancy
- Core and edge devices are connected to service provider and customers have a full backup

Cyber Security

ABS has implemented cyber security standards in its network architecture and daily operations. A series of adaptive security appliance protocols are applied to proactively monitor and filter traffic pattern to prevent exposure to any cyber threats.

We also take a preventive approach to regularly assess any cyber risk level on ABS' platforms and offer consultation service for a full-scale assessment to combat external cyber attacks.

Physical Security

The teleport is located inside the forest reserve within the naval magazine area in Subic Bay. It is surrounded by military-grade cyclone perimeter fence. The facility is highly secured to meet the ITAR/EAR/MAC regulations and protected from fire with a full fire submission system.

Contact: For further inquiries about **ABSPlus Teleports**, email to: ABSPlus@absatellite.com

About ABS

ABS is a global satellite operator and offers a complete range of tailored solutions including broadcasting, data and telecommunication services to broadcasters, service providers, enterprises and government organizations.

ABS operates a fleet of satellites; ABS-2, ABS-2A, ABS-3A ABS-4/Mobisat-1 and ABS-6. The satellite fleet covers over 93% of the world's population across the Americas, Africa, Asia Pacific, Europe, the Middle East, CIS and Russia.

Headquartered in Bermuda, ABS has offices in the United States, UAE, South Africa and Asia. ABS is owned by Permira, a private equity firm based in Europe.