



Testimonials, Upgrades and Special Services





Connectivity is our Business

Date : 10 October 2016

William Anton
CEO Alpha Satcom

Sub : Letter of commendation

Ref : Myanmar 7.3 Meter C Band System

Dear Bill,

This letter is to inform you of how satisfied we are with not only the performance of your C band 7.3 meter antenna installed on a rooftop in a remote location Myanmar under very severe weather conditions but also the performance of your company and installation people on site.

The project was delivered to site on a very tight schedule and erected on time. Excellent antenna patterns were achieved with little subreflector adjustment, the hub space was large enough to easily accommodate the HPA subsystem with plenty of space to allow maintenance.

I want to thank you for helping make our project a success and I can highly recommend Alpha Satcom products based upon our experience.

Thank you and your crew for a job well done.

A handwritten signature in blue ink that reads "D Hersberg".

David Hersberg
CEO STS Global



30 June 2015

— **Subject: Letter of Support**

To Whom It May Concern,

— Please be advised that we know, and have worked with, the staff of Alpha Satcom in a project in Africa. We are comfortable with their capabilities and product. We believe that you will find Alpha Satcom to be a professional and trusted supplier of products into your network.

— Yours sincerely,



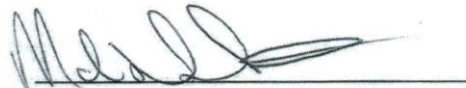
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Registration Number
30146277

Technical and Professional Capacity Statement

We, Maritime Telecommunications Network an EMC Company, purchased a 9 Meter, 4 Port Tx/Rx Ku-Band, Low PIM, antenna system including full reflector deicing from Alpha Satcom, Inc. that was installed at our Holmdel, New Jersey site. The installation began on April 24, 2016 and was completed on July 6, 2016. Six people were involved in the installation and testing of the antenna.



Mark Desantis, Director Teleport Operations

8-1-16

Date

I have been involved in allot of installations throughout my 30 years in the industry and this crew was the most professional and qualified team I have ever seen. They provided me all the documentation I needed and communicated every step of the installation so I knew my completion date. I would use them again on my next antenna installation.

Dear Eric,

Herewith I confirm that your earthstation

CHN-TIA-001
7.3 m Ku-Band,
"Alpha Satcom TianJin Factory"
Tianjin, CHINA
manufactured by Alpha Satcom, LLC

is approved for operation on SES' satellites.

On-axis cross-pol isolation	:	31 dB
G/T measurement	:	not possible via Y-factor measurement
Rx Gain	:	58.1 dBi
Rx patterns	:	compliant with 29 - 25 log (theta) within +/- 4 degrees
Tx Gain	:	59.3 dBi
Tx patterns	:	compliant with 29 - 25 log (theta)

Please let me know if you wish to obtain an SES Earth Station Approval Letter with a signature.

With kind regards,
Anja
Anja Ellerbrock
Sales Engineering

SES[▲]
your satellite company

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US Electrodynamics Brewster, WA - 2016

- **Vertex 6-Mtr Antenna**
- Replaced old ACU with a Radeus RL 8200 ACU

EMC - New Jersey : 2016

- Replaced failed elevation jack on Vertex 11-mtr Antenna

EMC Hawaii: 2017

- Replaced two GD 7200 Controllers and one ASC controller with Radeus RL-8200 ACU's with embedded Tracking Receiver.
- Removed and replaced original motors with new units.

EMC New Jersey: 2017

- Relocated existing Vertex 6-Mtr manual antenna
- Replaced original Ku-band Feed with an Extended Ku-band Feed
- Added Tx Integration from hub to pedestal mounted amplifiers
- Installed Gear-Motors
- Added a Radeus RL 8200 Control System and Beacon Tracking Receiver
- Installed new Walton Gas Fired Heaters

EMC New Jersey: 2017

- ASC 9M C-Band, Vertex 11M Ku-Band, and 13M C-Band Antennas
- Replaced Motors
- Control Systems
- Tracking Receivers
- Provided Tx Integration to IFL interface

SysElectron Mexico: 2017

- Installed and aligned previously owned Vertex 9M Ku-band antenna and a new GD 11Ku-Band Antenna

SES Hawaii: 2017

- Vertex 11-Mtr Antenna
- Replaced corroded structural members and all new panel hardware, balanced and focused -

SES: 2017

■ 6.0-Meter Antennas

- Integration of cabling for routers and servers to M&C system to enable remote control.
- Laredo, Texas
- Cedar Hill, Texas
- Spokane, Washington

Loxley/CAT - Thailand 2018

- **8.0-Meter Vertex Communication Antenna**
- Replaced outdated 7200 OPT controller with a new 'Legacy' Radeus RL 8200 ACU.
- Integrated Beacon Receiver.
- Fabricated and installed new encoder bracketry.
- Fabricated and installed new Limit Switch bracketry.

- Note: Legacy 8200 is a 'Drop In' replacement for the 7200 OPT.