

## **Federal Communication Commission Notice**

FCC Identifier: QY9-SBRANGER

### **USE CONDITIONS:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two Conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **IMPORTANT NOTE :**

#### **EXPOSURE TO RADIO FREQUENCY RADIATION**

This Device complies with FCC & IC radiation exposure limits set forth for an uncontrolled environment. The Antenna used for this transmitter must be installed to provide a separation distance of atleast 100cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter

**FCC CAUTION :** Any Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by FCC , to operate this satellite terminal  
**SABRE RANGER**

## **Industry Canada Statement:**

IC Identifier : 5023A-SBRANGER

This device complies with Radio standard specification RSS –210 & RSS –170 of Industry Canada Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE :

## **Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This antenna used for this transmitter must be installed to provide a separation distance of at least 100cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

## **RSS-210 Warning**

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult safety code 6, obtainable from health Canada's website [www.hc-sc.gc.ca/rpb](http://www.hc-sc.gc.ca/rpb)

## **Declaration of Conformity:**

Addvalue Communications Pte Ltd, 190 Changi Road , #02-02 MDIS Building ,Singapore-419974 declares under our sole responsibility that the Product, brand name as Wideye and model : SABRE RANGER (Satellite Broadband Communicator) a BGAN Terminal to which this declaration relates, is in conformity with the following standards and/or other normative documents:

ETSI EN 301 681 , ETSI EN 301 489-1,ETSI EN 301 489-17,ETSI EN 301 489-20, ETSI EN 300 328, EN 50385 , EN 50371 , IEC 60950-1 AND EN 60950-1, ITU-R M.1480

We hereby declare that all essential radio test suite have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The Conformity Assessment procedure referred to Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with involvement of the following notified body(ies):

TIMCO ENGINEERING,INC. , P.O BOX 370,NEW BERRY ,FLORIDA 32669.

Identification mark: **1177** (Notified Body number)

The technical documentation relevant to the above equipment will be held at :

- Addvalue Communications Pte Ltd, 190 Changi road,#02-02 MDIS Building, Singapore-419974.

- Signed by Tan Khaipang ( Chief Technology Officer, March 27, 2007) and Prabakar Kuttaniseeri ( Assistant Manager-Quality Engineering, March 27, 2007).

## Safety Summary

The following general safety precautions must be observed during all phases of operation, service and repair of this equipment.

Failure to comply with these precautions or with specific warnings elsewhere in this manual violates safety standards of design, manufacture and intended use of the equipment.

Addvalue assume no liability for the customer's failure to comply with these requirements.

### **Keep Away from Live Circuits**

Operating personnel must not remove equipment covers. Component replacement and internal adjustment must be made by qualified maintenance personnel. Do not replace components with the power cable connected. Under certain conditions, dangerous voltages may exist even with the power cable removed. To avoid injuries, always disconnect power and discharge circuits before touching them

### **Do Not Service Alone**

Do not attempt internal service or adjustments unless another person, capable of rendering first aid resuscitation, is present.

### **Do Not Substitute Parts or Modify Equipment**

Because of the danger of introducing additional hazards, do not substitute parts or perform any unauthorized modification to the equipment.

### **Keep Away from Active Antenna Front**

This device emits radio frequency energy when in transmit mode. To avoid injury, keep a minimum safety distance of 1 meter from the antenna front. See also the below section **Antenna Safety Instructions**.



# Antenna Safety Instructions

## Antenna Minimum Safe Distance: 100 cm



### Radiation Warning

High levels of radio frequency radiation are considered health hazardous. Although no single value of “ safe radiation level “ has been agreed upon by all countries ,the American National Standards Institute ( ANSI/IEEE C 95.1-1992) recommends that people should not exposed to radiation stronger than 1 milliwatt per square centimeterat the frequencies used in the Addvalue’s Wideye SABRE RANGER terminal. Accordingly ,the operator of the terminal should ensure that the area extending 1meter from the Front of the antenna be kept clear of personnel when the terminal is transmitting.

The antenna is built-in within SABRE RANGER . You, as the qualified end-user of this radio device must control the exposure conditions of bystanders to ensure the minimum separation distance (above) is maintained between the antenna and nearby persons for satisfying RF Exposure compliance. The operation of this transmitter must satisfy the requirements of Occupational/Controlled Exposure Environment, for work-related use. Transmit only when person(s) are at least the minimum distance from the front face of the antenna.

**WARNING!** Maintain a separation distance from the antenna to a person(s) of at least 100 cm.

### OBTAINING LICENSING FOR INMARSAT TERMINALS

Under rights given under ITU Radio Regulations, local telecommunications administrations establish and enforce national rules and regulations governing types of emissions, power levels, and other parameters that affect the purity of signal, which may be radiated in the various frequency bands of the radio spectrum.

To legally operate an Inmarsat terminal , it is necessary to obtain permission from the local telecommunications regulatory authorities of the country you are oerating ith in. using your terminal in any country without permission causes you to run the risk of confiscation of the terminal or legal authorities. Normal proactice for taking telecommunications into another country is to apply for a license before travel.If a license has not been obtained before travel, the equipment may be put in to storage by local authorities until such time license is obtained.

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