



**ISO TROPIC
NETWORKS, INC.**

SITE SURVEY

Customer Name _____ Date _____

Site Address _____

Contact _____ Phone Number _____

Latitude _____ Longitude _____

Will the antenna system be placed on the roof: Yes No

Where is the building/site location: Rural Urban

Is the antenna safe from unauthorized access: Yes No

Is sufficient roof/ground space available: Yes No
for 1.2m antenna NPM at least 3ft x 7ft

Is the roof/ground flat (maximum inclination 5°): Yes No

Roof/Soil composition: Concrete Membrane Pebbled Built up

Other: _____

Lightning protection available: Yes No

Building/site height: _____ Stories _____ Height

Method of transporting dish to roof: Elevator Crane Other _____

Roof access: Hatch Penthouse Size of roof access: _____ ft²

*Make sure antenna is properly grounded to avoid power surges and possible equipment failure as a result.

*If the antenna system is to be placed on rooftop using a standard non-penetrating mount, pay special attention to rooftop load capacity and rooftop composition. The total weights of a standard 1.2m antenna system including a non penetrating mount and ballast is about 450 lbs. This weight is spread over approximately 21 square feet.

*If the antenna is to be placed on ground level using either a standard non-penetrating mount or a pole mount, pay special attention to trench and/or conduit requirements.

*Any drawings and photographs will be helpful in confirming the integrity of the potential site.

Line of sight towards the satellite: Restricted/obstructed Free

As seen from the position of the antenna

If Restricted, please explain: _____

Interference by RF transmitters (Radio, TV, microwave): Yes No

If yes, indicate frequency and level _____

Interference by high voltage lines: Yes No

Other possible sources for interference (fans, elevators, etc.): Yes No

This section is of vital importance to the performance of the future link. Pay the highest possible attention to obstructing elements anticipating future building construction, cranes, air traffic, growing trees, etc. Keep an adequate margin for azimuth and elevation angles to assure a clear view to the satellite.



SITE SURVEY Continued,

Total length of cable run from the antenna to the indoor equipment: _____ Feet

Trench and/or conduit required: Yes No

Has the building an existing cable entrance: Yes No

Do wall and floor penetrations have to be made: Yes No

Size of cable: RG-6 RG-11 Other _____

Cable: New Existing

Give a brief description of the proposed location of the indoor equipment:

Computer room Office Other, explain _____

Is the IDU location safe from unauthorized access: Yes No

Is power available for equipment: 110v 220v

Is there back up power available: UPS Generator Other _____

Give a brief description of the environmental conditions of the IDU location:

Normal temperature Properly ventilated Air conditioned

Any special requirements for access to building/site: Yes No

Approval obtained for placing the antenna on the roof/floor: Yes No

Is any local permit or license required: Yes No

If YES, do you have it: Yes No

Recommended items for completion of a site survey:

Camera

Map

GPS receiver

Compass

Inclinometer

Tape Measure

Architects Tape

Road distance wheel

Screw drivers (flat and cross head)

Clipboard, form and pencil