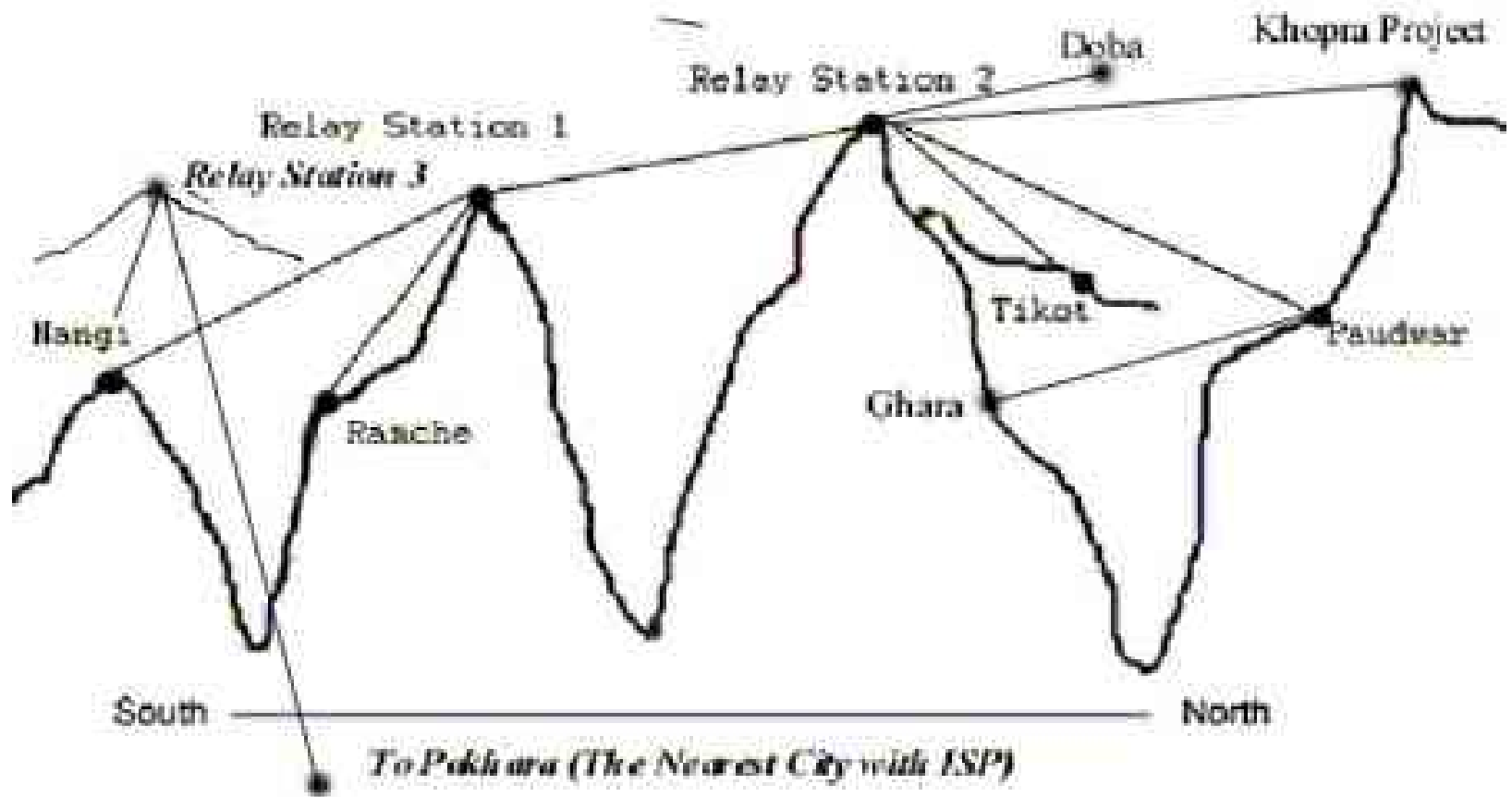


# The First Plan - 2001

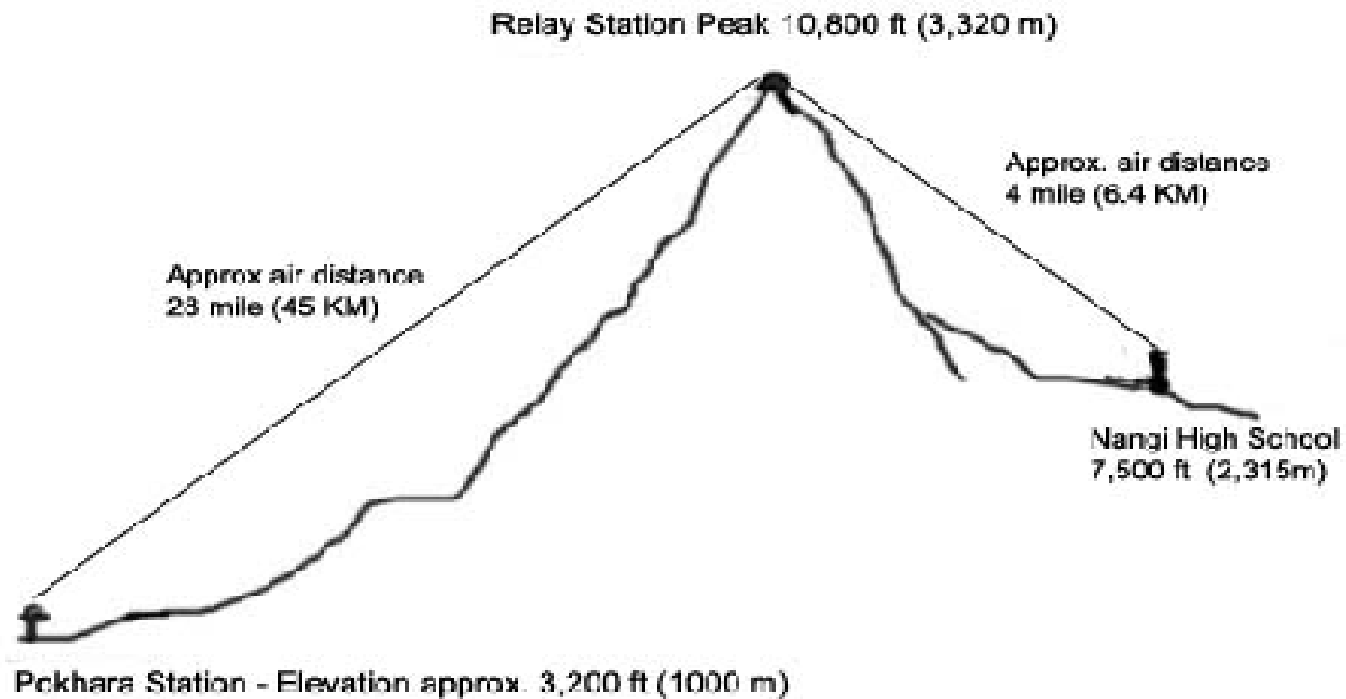


# Nepalwireless

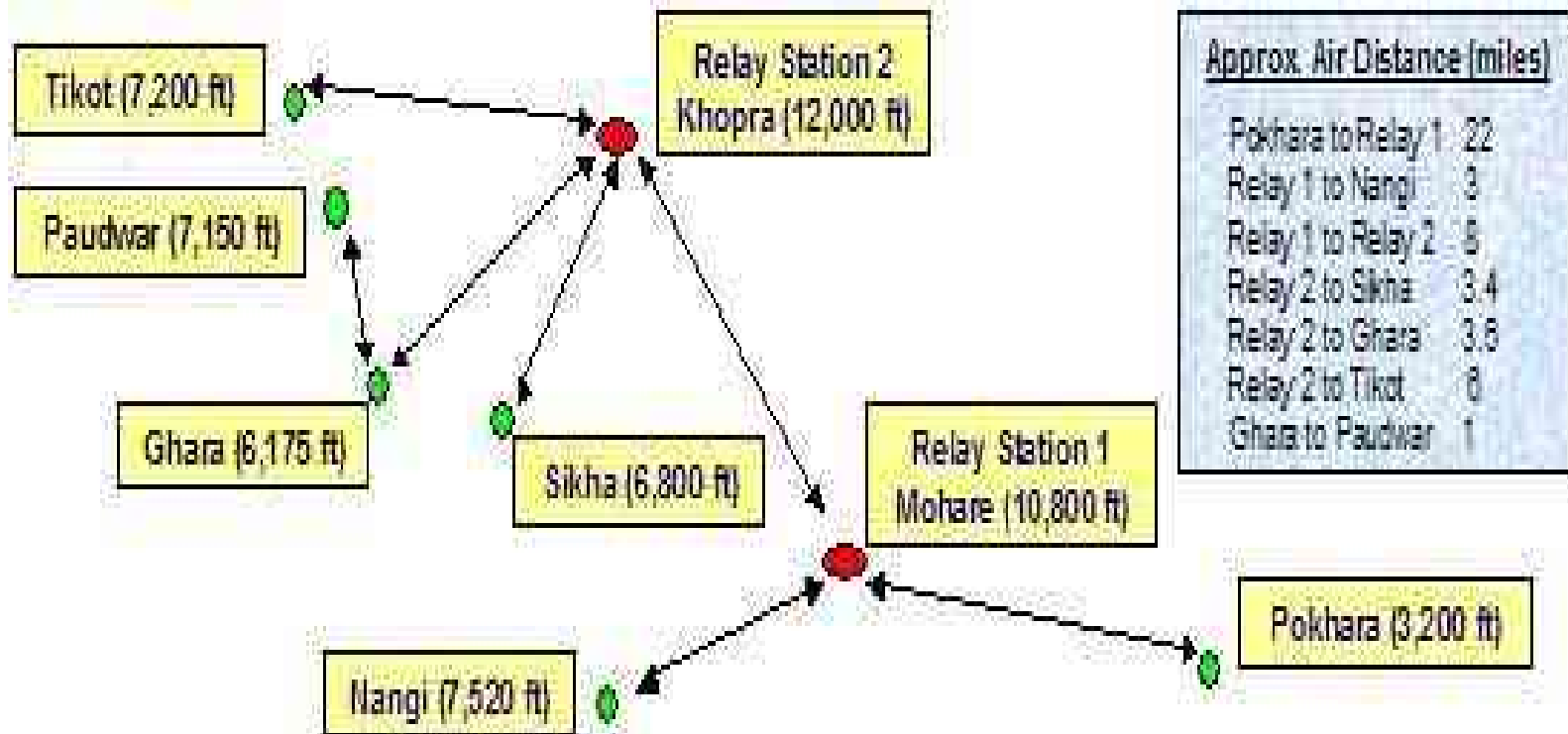
Mahabir Pun

Presentation at SANOG IV, Kathmandu, Nepal

# Pokhara to Nangi Connection (Sketch)



# The Final Plan



# The First Testing

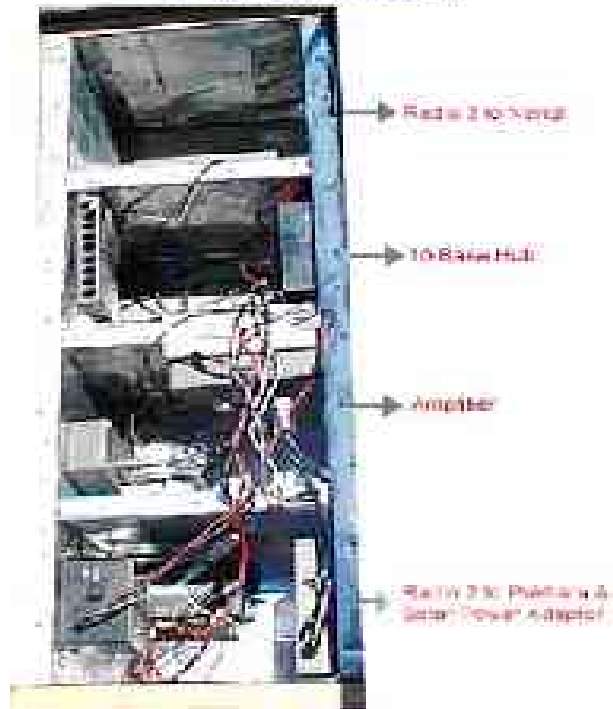
From the Ground at Relay Station 1



# The First Relay Box

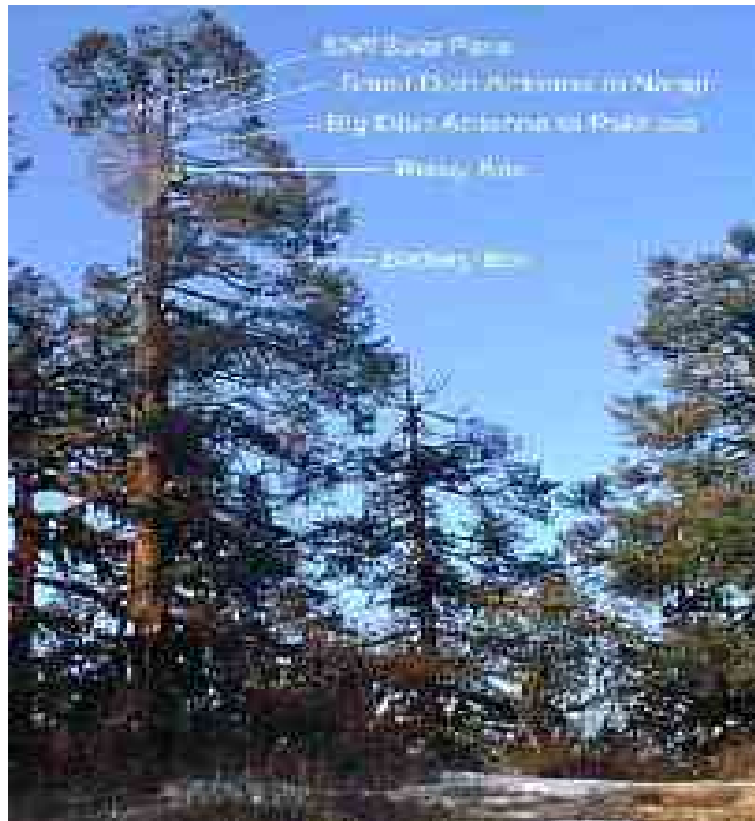
## At Relay Station 1

Relay Box at Michale for the Wireless Hydrophone (in Viper)  
(Elevation: 2,200m) - (1,000 ft)



# The First Relay Tree Setup

## At Relay Station 1 – 10,800 ft



# Small Dish Antenna in Nangi

(with measuring liter can as feed)





# Relay Trees Now

At Relay Station 1 –10,800 ft



# Wind Generator

## At Relay Station 1



# Nangi School



# Khopra Ridge 12,000 ft



# Paudwar Village



# Sikha Village



# Ghara Village



# Histan Village





# Bhakta Sing Pun, 87 Years Old

## Pokhara Proxy Server “In charge”



# Tarasing Tilija

## Relay Station 1 “In charge”



# Bire Garbuja

## Relay Station 2 “In Charge”



# Yak Farm at Khopra Ridge

12,000 ft high



# Our Plan

- Education – Distance teaching/learning
- Tele-medicine program between the villages and Pokhara
- Local e-commerce – Selling/Buying things on local network. On-line s <http://www.himalayanhandicraft.org>
- For communication – email (107 people have account), telephone etc.

# Challenges with Our Wireless Networking Project

1. Shortage of power at Relay Stations
2. Danger fro lightning
3. Unreliable power source at the vilages

# How Can you Support?

- Donating used computer parts
- Donating used wireless networking equipment
- Providing technical support
- Providing discount price for the broadband Internet connection

# Wireless Networking Site

<http://www.nepalwireless.net>