

DYNAMO Project

Maldives Site Survey Trip Report

February 2011

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Getting to the Maldives



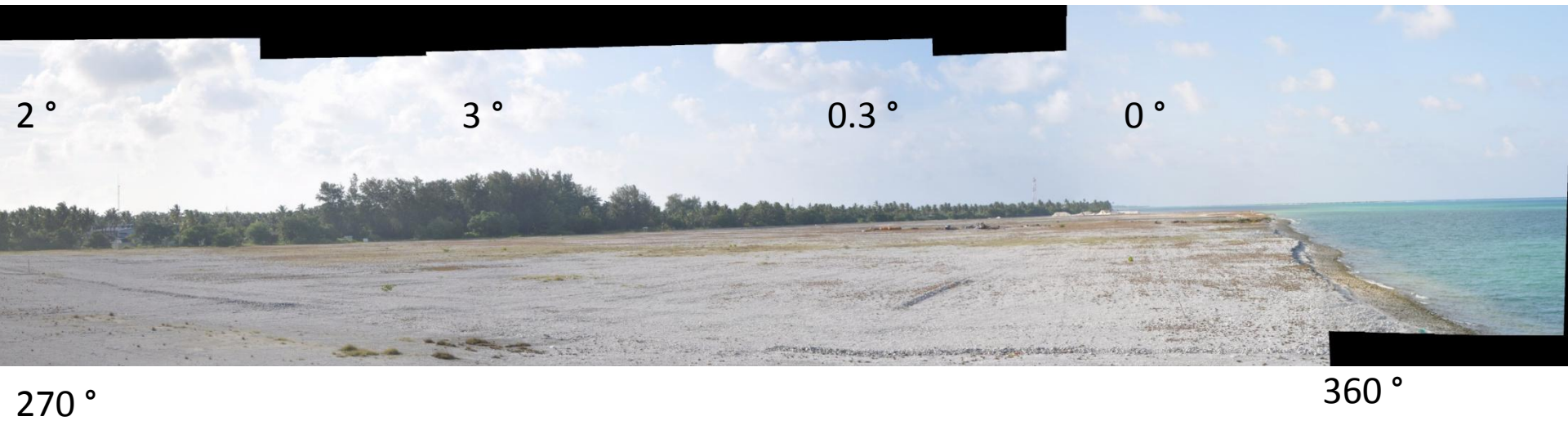
Via Seattle, Japan and Singapore; via Bangkok, Japan and San Francisco; via San Francisco and Munich; via Houston and Qatar; via Wash D.C and Dubai

Male, Maldives





Locations of radar sites on Addu Atoll





1.5 °

0.5 °

90°

180°



360°

90°

Aerial View of Wharf Site, Addu Atoll, Maldives

Proposed S-PolKa site

X

Proposed ARM Ka/W-band
SACR radar site

X

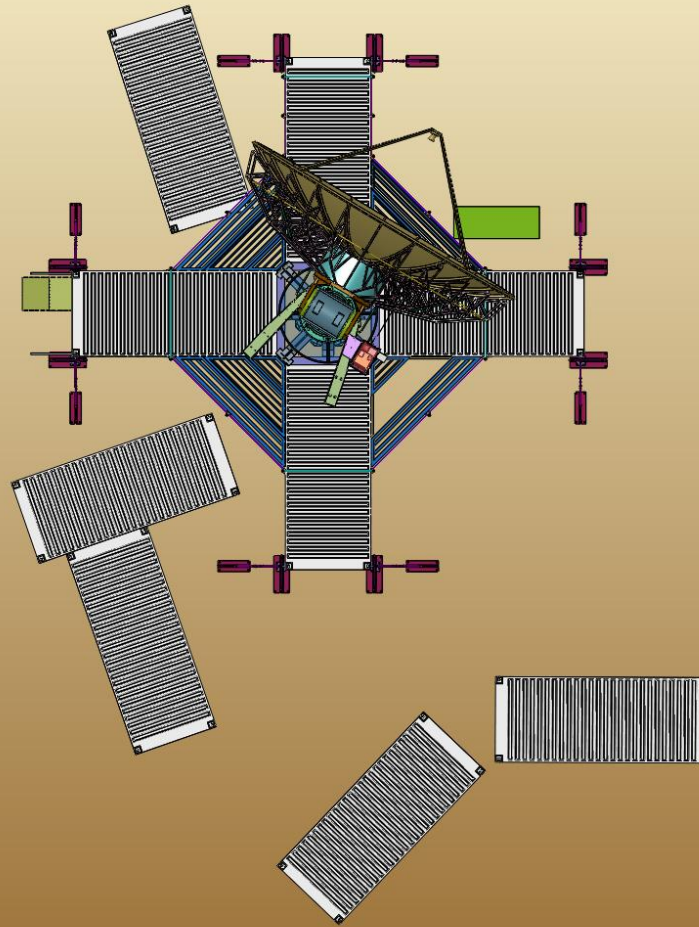
Addu Port



ARM Radar site at Wharf site



S-PolKa Site layout For Wharf Site



SMART-R Spit Site



Gan MMS Office, Observing Site (Potential ARM site on right)



Panorama of Gan MMS location (Selected ARM Site for Meteorology, Soundings, Radiation)

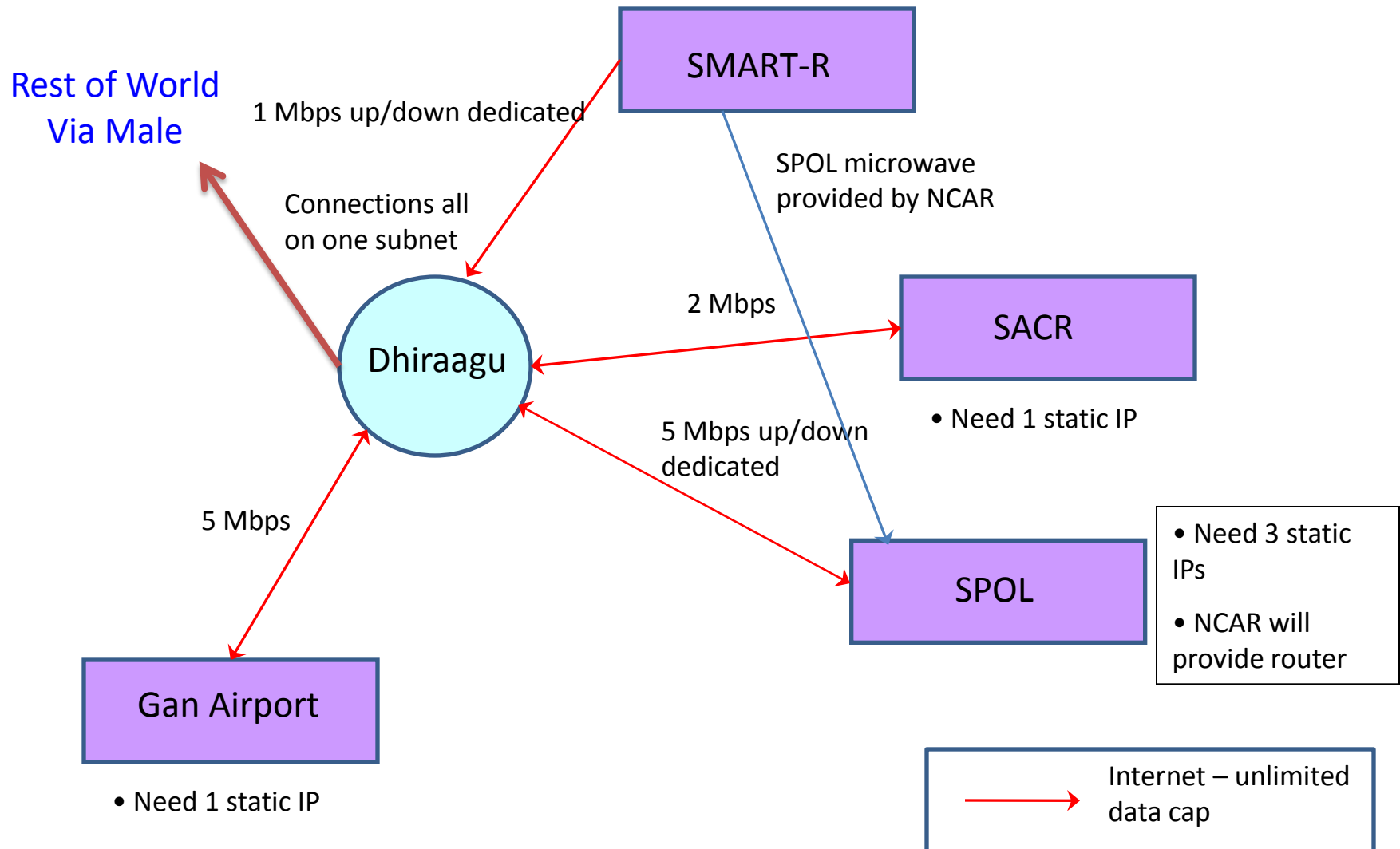


Hithadhoo Restaurant



Addu Atoll Super Site Communications

Proposed Internet Setup-2 for DYNAMO



Addu Atoll Logistics

- Hotel Accommodations
- Alternate Housing
- Medical
- Banking
- Food/Supplies
- Fuel
- Security
- Banking
- Laundry



Grocery and Hardware

Post Office

Hospital

Fish Market

Petrol station

Bank of Maldives

Jamal House

SMART-R Site

Hithadhoo

Dhiraagu

Maldives

Hithadhoo

DOE ARM

S-Pol Site

Maradhoo Clinic

Maradhoo

Maradhoofeydhoo

Feydhoo

Dhoogas

Equator Village

Gan

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO

0°38'41.76" S 73°07'27.20" E elev -10 ft

Imagery Dates: Jan 28, 2005 - Mar 5, 2005

© 2010 Google

Eye alt 42698 ft

Grocery and Hardware

Ziyaara Vmagu



Post Office



Hospital



Stage Road

Khanukheeramegu

Fish Market

Petrol station



Bank of Maldives



SMART-R Site



Lily Magu

Hithadhoo

Jamal House



Ghazee Magu

Maldives

Dhiraagu

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0°36'21.41" S 73°05'21.16" E elev 17 ft

© 2010

Eye alt 7594 ft

Imagery Date: Mar 5, 2005

2207 ft

Grocery and Hardware

Post Office

Hospital

Fish Market

Petrol station

Bank of Maldives

SMART-R Site

Jamal House

Hithadhoo

Dhiraagu

Maldives

Hithadhoo

DOE ARM

S-Pol Site

Image NASA

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO

0°36'52.06" S 73°05'40.91" E elev 11 ft

Imagery Date: Mar 5, 2005

©2010 Google

Eye alt 15373 ft

Alternate Housing near Spit



Much Maligned Dhoogas Inn



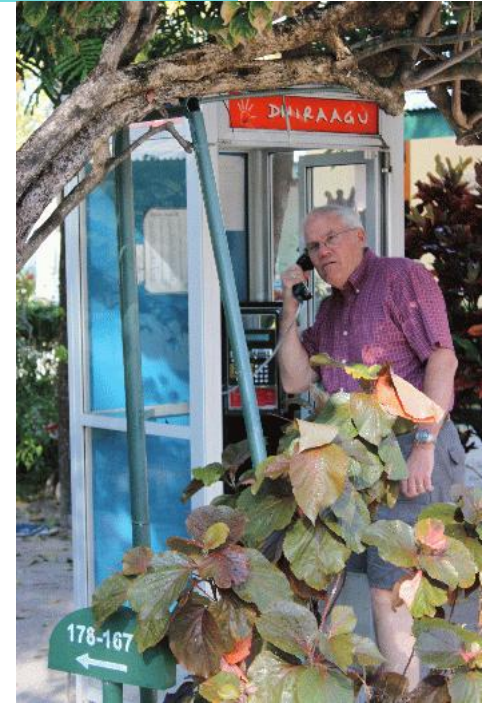
Dhoogas Hotel Operations Center



Escape to Herathera



Equator Village Hotel



Health Services on Addu Atoll



Safety First



Next Steps

- National Planning Commission Report Submitted
- Develop MOU between DYNAMO and MMS
- Letter of Support from US Embassy -- Sri Lanka
- Frequency allocation request submitted
- Maldives shipping arrangements in progress
- Hotel reservation– challenging schedules
- Wharf site (S-PolKa) building site
- Internet networking arrangements