

Real-time remote phase identification of any energized conductor anywhere on the planet

Fast Phasing Made Possible by the G3 Field Probe

(100+ Locations a day)



Very small, use it anywhere



Snaps together, single button operation



Seldom need to exit vehicle



Phase all 3 lines with a single measurement



**Convert a 20
Minute Extend
Stick Phasing
Task on High
Overhead Lines
into a 20
Second Task
using the
Handheld**

69KV



Use on high Transmission Lines

- 345KV
- No extendo stick required
- Determine all 3 phases with a single measurement



Use in Cabinets

12.5KV Bushing



12.5KV test Point



G3 Field Probe in High Voltage Cabinets

Three phase Primary 13.8KV



Three phase Wye/Delta to 2.4KV



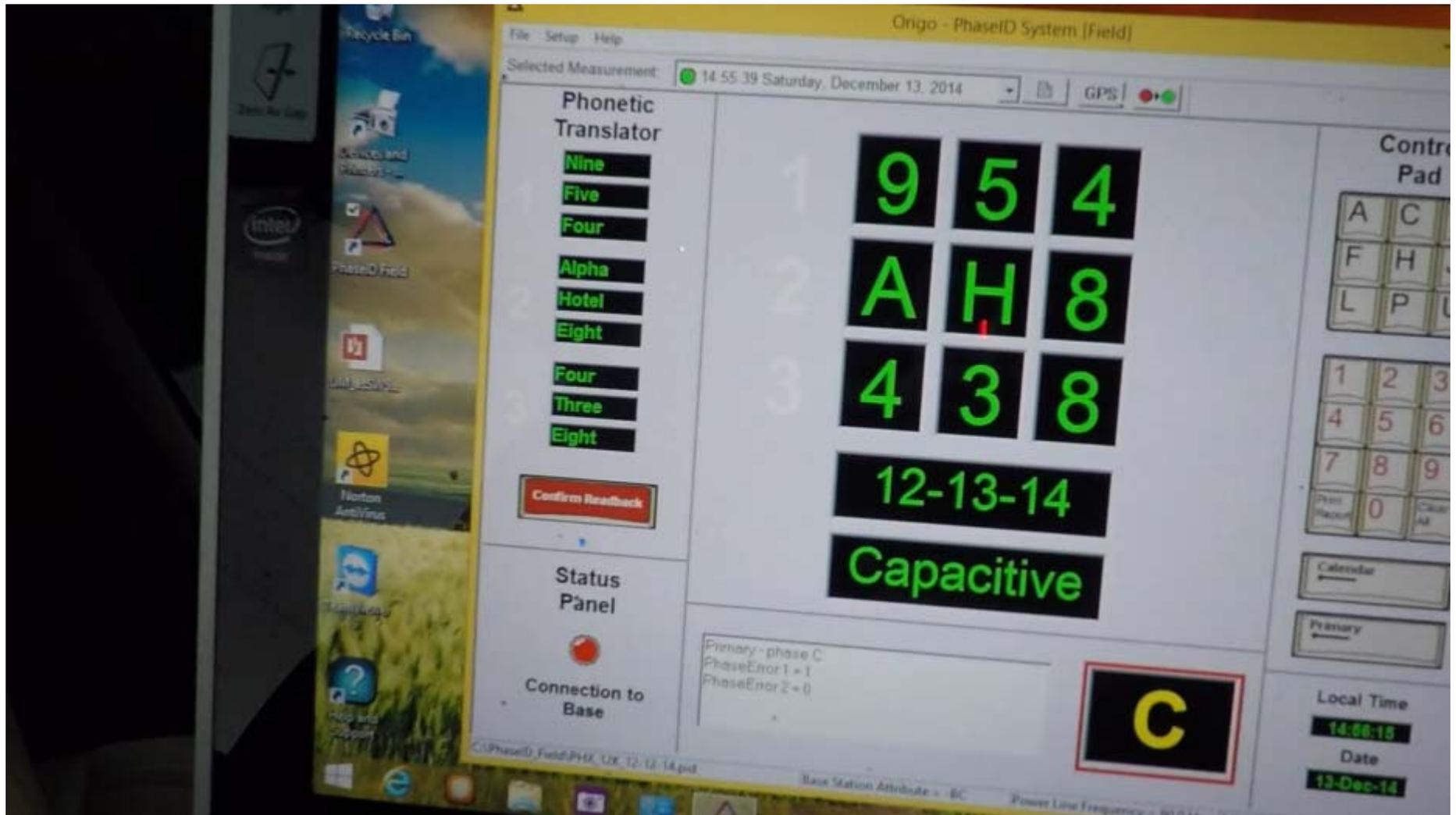
Single Phase Lateral



Probe indicates phase “C”



PC indicates phase "C"



Field PC records all measurement data including GPS Location and any user notes

Origo - PhaseID System [Field]

File Setup Help

Selected Measurement: 15:14:45 Tuesday, February 02, 2010

15:15:03 Tuesday, February 02, 2010

15:14:45 Tuesday, February 02, 2010

15:13:44 Tuesday, February 02, 2010

15:13:01 Tuesday, February 02, 2010

15:13:01 Tuesday, February 02, 2010

Phonetic Translator

1 Foxtrot
Four
Alpha

2 Three
Eight
Three

3 Nine
One
Lima

Confirm Readback

Status Panel

Connection to Base

Control Pad

A C E
F H J
L P U

1 2 3
4 5 6
7 8 9
Print Report 0 Clear All

Calendar
Secondary

Local Time
09:56:47
Date
03-Feb-10

02-02-10
Primary

Primary - phase B
PhaseError 1 = -1
PhaseError 2 = 1

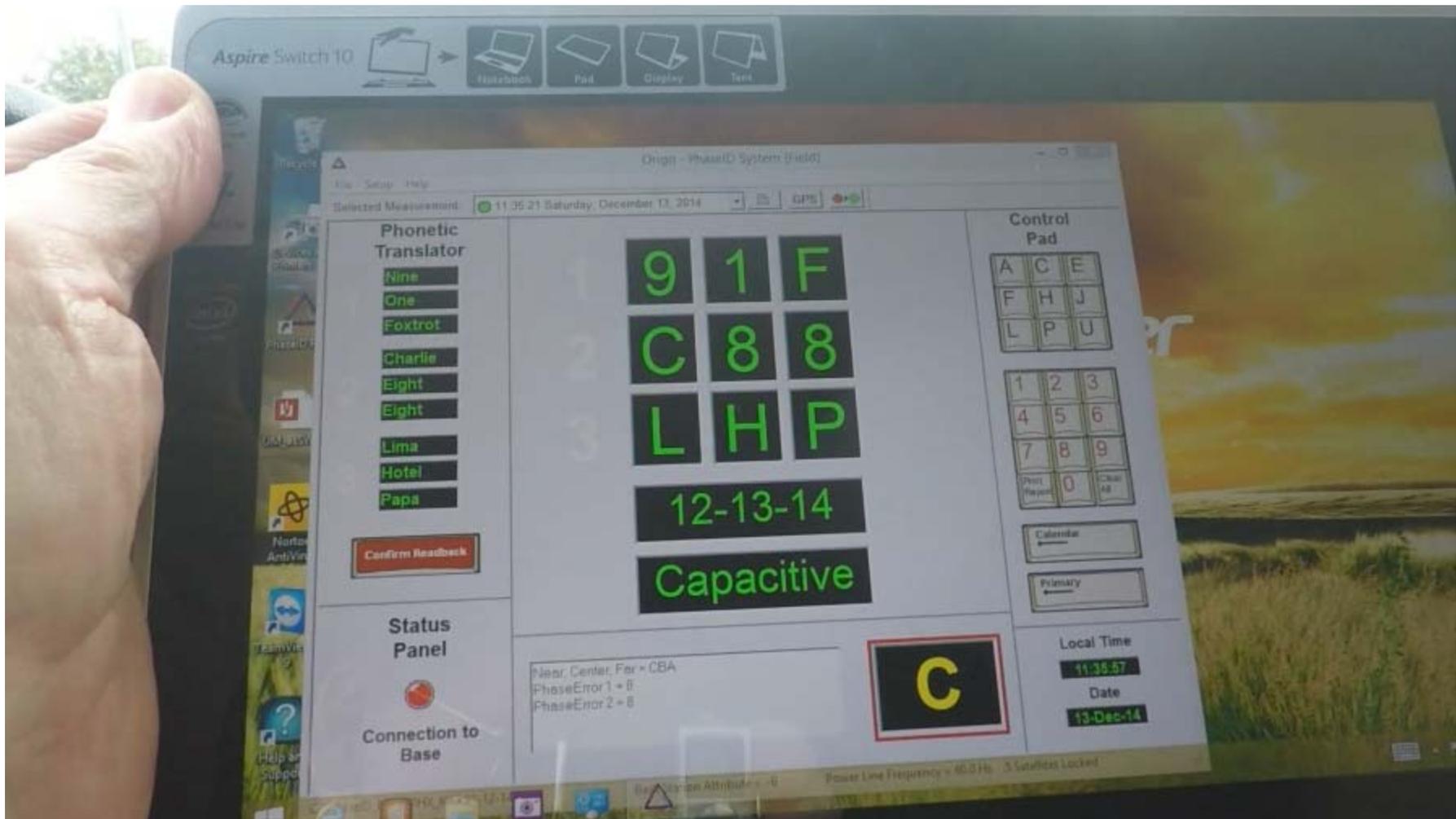
B

C:\PhaseID_Field\Home.pid Base Station Attribute = B Power Line Frequency = 0.0 Hz 0 - Satellites Locked

Stop next to 3-phase lines and take a single measurement



PC indicates nearest line is phase "C" and
Near, Center, Far lines are "C,B,A"



Don't waste time opening pad mounts



Instead, simply measure phase at the meter



Or, measure phase at a wall socket



You can even use it in the rain



**Simply put the probe in a clear plastic bag
and use it outside in the rain**



Attach the probe to an extendo stick in crowded circuit situations like underbuild



In substations



Or, if you need to measure a particular node among many wires



Small enough to carry on drones



To measure phase beyond reach of extendo sticks



Use with the Origo URD Probe to determine phase of URD cables



- Use inside buildings on wall sockets, switches, conductors, cabinets, machinery, equipment, etc.
- Once locked, ultra stable internal probe timing allows all day use without GPS signal.



The G3 Base Station plugs into any wall socket, sends data to any number of Base Station PCs (which can be anywhere in the world), and supports any number of Field Probes.



Connect to the base station using standard Internet via mobile hot-spot (such as the Verizon Jetpack, Iridium Axxess Point, PC built-in cellular, or any other available WiFi).

NO NON-STANDARD COMMUNICATION DEVICES REQUIRED



Principal Features

- **SAFE:** Operates by proximity – no need to touch a live conductor.
- Identify all three high overhead conductors from ground level without an extendo stick.
- Use on residential meters – no need to open padmounts.
- Stable internal time base – use **all day** in totally shielded enclosures.
- Logs phase, GPS location, and any user notes to a data file for all measurements.
- Low cost and simple to use - carry on every trouble truck.
- Integrate into your routine operations – eliminate waiting for the “phasing guy”.
- Fully supported – Our original 2003 models still in use.



- Visit our website for extensive technical information on all our products.
- Call or email if you have any questions.
- Request a phone demo using one of our remote base stations.

**Call Origo Corporation at 480.473.1995
for complete information on this labor saving tool**

www.origocorp.com