

Tectonics-IMS website portal

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| ech Tectonics IMS 📄 Andes Stations Index 🛛 🔀 | | | | | | | | | |
| des Stations Index | | | | | | | | | |
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| ow/hide Station labels Reset map | Sitevisit | s Inventory | | | | | | | |
| | | > Sitevisits > Inventory | | | | | | | |
| | km Z View asso | ciated regional stations | | | | | | | |
| CBRO | Carlos and a second | tation to view its info | rmation page | | | | | | |
| | Station | Sitename | Latitude | Longitude | Elevation | Date Install | | | |
| PCOL Tacna | ATJN | Atajana | -19.3008007 | -70,1367381 | 1603.0 | 2005 Oct 26 | | | |
| | СВАА | Cordon Barros Arana | -22.74639444 | -68,44819722 | 3481.0 | 2006 Oct 01 | | | |
| | CBRO | Cerro Bronze | -16,99628 | -71.79016 | 1072.0 | 2007 Oct 15 | | | |
| | CDLC | Cerro de la Cruz | -22.19 | -69.76 | 1937.0 | 2006 Oct 05 | | | |
| o set set and | CHMZ | Chusmiza | -19.668575 | -69,194134 | 3749.0 | 2007 Jul 16 | | | |
| ATIN | CJNT | Chajnantor | -23.0275007 | -67,7605657 | 5076.0 | 2005 Oct 31 | | | |
| CHMZ | CRSC | Cerro Carasco Cerro Tolar | -20.91768 | -70,07976 -70,096824 | 1489.0 2244.0 | 2005 Nov 08 | | | |
| Iquique | JRGN | | -21.964205 -23.2889076 | -70.5749016 | 331,0 | 2007 Jul 13 2005 Nov 05 | | | |
| | LYAR | Jorgino La Yarada | -18.134395 | -70,568644 | 271.0 | 2005 Nov 05 2007 Oct 24 | | | |
| | MCLA | Michilla | -18.134395 -22.7458355 | -70,2475018 | 1035.0 | 2007 Oct 24 2005 Nov 03 | | | |
| CRSC | PCCL | Poconchile | -18.4576598 | -70,2475018 | 1035.0 | 2005 Nov 03 2005 Oct 20 | | | |
| | PCOL | Poconchile Punta Coles | -18.4576598 | -71.37042 | 68,0 | 2005 Oct 20 2007 Oct 18 | | | |
| | PTRE | Putte | -18.1945 | -69.5745 | 3560,0 | 2007 Oct 18 2005 Oct 23 | | | |
| | SRGD | Sierra Gorda | -18.1945 | -69.35 | 1848.0 | 2005 Oct 25 2006 Sep 29 | | | |
| CTLRO | VLZL | Valenzuela | -23.12 | -69.96 | 1536.0 | 2006 Sep 29 | | | |
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| | 00 km Select a | station to view its inf | | | | | | | |
| | 00 km Select a Station | station to view its inf Sitename | Latitude | Longitude | Elevation | Date Install | | | |
| ch Tectonics IMS SuGAr Stations Index Characteria IMS SuGAr Stations Index Characteria IMS Stations Index Ar Stations Index | 00 km Select a Station ABGS | station to view its inf Sitename Air Bangis | Latitude 0.22082 | Longitude 99.38749 | Elevation 253.0 | Date Install 2004 Sep 03 | | | |
| C C C C C C C C C C C C C C C C C C C | 00 km Select a Station ABGS BITI | station to view its inf Sitename Air Bangis Biouti, Nias | Latitude 0.22082 1.07862 | Longitude 99.38749 97.81137 | Elevation 253.0 8.0 | Date Install 2004 Sep 03 2005 Aug 22 | | | |
| | 00 km Select a Station ABGS BITI BSAT | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat | Latitude 0.22082 1.07862 -3.07671 | Longitude 99.38749 97.81137 100.28461 | Elevation 253.0 8.0 24.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 | | | |
| | 00 km Select a Station ABGS BITI BSAT BSIM | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue | Latitude 0.22082 1.07862 -3.07671 2.40924 | Longitude 99.38749 97.81137 100.28461 96.32616 | Elevation 253.0 8.0 24.0 5.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 | | | |
| C C C C C C C C C C C C C C C C C C C | 00 km Select a Station ABGS BITI BSAT BSIM BTET | station to view its inf Sitename Air Bangis Biouti, Miaș Bulasat Bandara Simeulue Betaet | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 | Longitude 99,38749 97,81137 100,28461 96,32616 98,64391 | Elevation 253.0 8.0 24.0 5.0 47.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 | | | |
| | 00 km C Select a Station ABGS BITI BSAT BSIM BTET BTHL | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 | Longitude 99.38749 97.81137 100.28461 96.32616 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 | | | |
| Image: Supervised and Supervised an | 00 km Station ABGS BITI BSAT BSIM BTET BTHL JMBI | station to view its inf Sitename Air Bangis Biouti, Miaș Bulasat Bandara Simeulue Betaet | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 | Longitude 99,38749 97,81137 100,28461 96,32616 98,64391 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 | | | |
| C C C C C C C C C C C C C C C C C C C | 00 km C Select a Station ABGS BITI BSAT BSIM BTET BTHL | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 | | | |
| C C C C C C C C C C C C C C C C C C C | 00 km Station ABGS BITI BSAT BSIM BTET BTHL JMBI | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 | | | |
| C C C C C C C C C C C C C C C C C C C | 20 km 30 km 30 km 5 Select a Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Bétaet Botohilithano Jambi University Lais, Bengkulu | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 | Elevation 253,0 8,0 24,0 5,0 47,0 85,0 70,0 49,0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 | | | |
| Image: Station labels Reset map Ide Station labels Reset map | 20 km 30 km 30 km 4BGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 04 | | | |
| Contraction in the section of the se | 20 km 30 km 30 km 3 Select a Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK LHWA | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 97.17194 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 04 2005 Feb 04 | | | |
| | 20 km 30 km 30 km 3 Select a Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK LHWA LNNG | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa Lunang | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 -2.28531 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 97.17194 101.15646 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 40.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 14 2005 Feb 14 2004 Aug 22 | | | |
| Contractions Index ide Station labels Reset map Res | 20 km 30 km 30 km 3 Select a Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK LHWA LNNG MKMK | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa Lahewa Lunang Muko Muko Airport | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 -2.28531 -2.54264 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 97.17194 101.15646 101.0914 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 40.0 50.0 14.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 14 2005 Feb 14 2004 Aug 22 2004 Aug 22 | | | |
| C C C C C C C C C C C C C C C C C C C | 20 km 10 | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa Lahewa Lunang Muko Muko Airport Malakoni | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 -2.28531 -2.54264 -5.35267 | Longitude 99,38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102,03383 95.80408 97.17194 101,15646 101,0914 102,27653 | Elevation 253,0 8,0 24,0 5,0 47,0 85,0 70,0 49,0 40,0 40,0 50,0 14,0 28,0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 04 2005 Feb 14 2004 Aug 22 2004 Aug 22 2004 Aug 23 2005 Aug 02 | | | |
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| C C C C C C C C C C C C C C C C C C C | 20 km D0 km Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK LHWA LNNG MKMK MLKN MNNA MSAI | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Betaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa Lunang Muko Muko Airport Malakoni Manna, Bengkulu Muara Saibi | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 -2.28531 -2.54264 -5.35267 -4.45033 -1.32639 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 97.17194 101.15646 101.0914 102.27653 102.89026 99.08952 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 40.0 50.0 14.0 28.0 35.0 35.0 50.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 09 2005 Aug 15 2004 Aug 26 2004 Aug 26 2005 Feb 14 2005 Aug 02 2005 Aug 02 2005 Aug 02 2005 Aug 02 2005 Feb 14 2005 Aug 02 2005 Aug 02 2005 Aug 02 2005 Feb 14 2005 Aug 02 2005 | | | |
| Image: Supervision of the sector of the s | 20 km Do km Station ABGS BITI BSAT BSIM BTET BTHL JMBI LAIS LEWK LHWA LNNG MKMK MNNA MSAI NGNG | station to view its inf Sitename Air Bangis Biouti, Nias Bulasat Bandara Simeulue Bétaet Botohilithano Jambi University Lais, Bengkulu Lewak Lahewa Lunang Muko Muko Airport Malakoni Mana, Bengkulu Muara Saibi Nyang Nyang Pulau Bais | Latitude 0.22082 1.07862 -3.07671 2.40924 -1.28158 0.5692 -1.61564 -3.52913 2.92359 1.39688 -2.28531 -2.54264 -5.35267 -4.45033 -1.32639 -1.79959 -0.03164 | Longitude 99.38749 97.81137 100.28461 96.32616 98.64391 97.7107 103.52033 102.03383 95.80408 97.17194 101.15646 101.0914 102.27653 102.89026 99.08952 99.26829 98.52622 | Elevation 253.0 8.0 24.0 5.0 47.0 85.0 70.0 49.0 40.0 40.0 50.0 14.0 28.0 35.0 50.0 73.0 | Date Install 2004 Sep 03 2005 Aug 22 2002 Sep 21 2005 Feb 01 2005 Aug 09 2005 Aug 15 2004 Aug 26 2006 Feb 04 2005 Feb 04 2005 Feb 14 2004 Aug 22 2004 Aug 22 2004 Aug 23 2005 Aug 02 2005 Aug 02 2006 Feb 28 2002 Aug 08 2004 Aug 14 2002 Aug 13 | | | |
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Figure 1. The Caltech Tectonics-IMS website portal for inventory and maintenance documentation. Top-left: Andean array; top-right: Nepal array. Bottom-left: Sumatran array; bottom-right: Taiwan array. Each station links to its own information page. In all 4 images, the Google map shows the station locations.

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| <u>E</u> dit <u>V</u> iew | MS Maintenance Overview - Iceweasel <u>E</u> dit View Hi <u>s</u> tory <u>B</u> ookmarks <u>T</u> ools <u>H</u> elp | | | | × | | Hi <u>s</u> tory <u>B</u> ookmarks <u>T</u> ools <u>H</u> elp | | | | |
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| | SuGAr Home > SuG | and the second se | and the second second second second second | | | Caltech | Tectonics Observat | ory IMS | | | |
| 1.0 | College Collins | Carto et. | | | | T.O Network | s • Stations Index • Inventory ind | lex | | | |
| ation | Maintenanc | e Overviev | N | | | | | | | | |
| | | | | | | Station | Inventory | | | | |
| te Visits | M-Fee Payme | ents Action | Items Site E | vents <u>Personnel</u> | | | | | | | |
| ck on an e | entry link to view | its detail | and the second | the state of the second s | | Current In | stallations | | | | and the second second |
| ation | Last Visit | # Action Items | Next MFee | Technical Status | | Station | GPS Receiver | GPS Antenna | Power | Telemetry | Co-located |
| is | Aug 29 2007 | 1 | Mar 2008 | Operation normal | | ATJN | Trimble NetRS 4532254609 | TRM29659.00 220368136 | Battery 104AH 12V | M100 146,83,103,216 | |
| I | Dec 01 2006 | 1 | Jan 2008 | Operation normal | | | | SCIGN D3 adapter 745 | Battery 104AH 12V | Freewave FRG 921-9685 | |
| AT | Sep 22 2007 | 1 | Jan 2008 | Operation normal. | | | | SCIGN SCIT radome 1238 | Solar 80W | Contraction of a strength of the | |
| M | Dec 01 2006 | 1 | Jul 2007 | Units run normal. | | | | | Solar 80W | | |
| T | Dec 01 2006 | | Jan 2008 | Operation normal | | | | | | | |
| ΗL | Nov 01 2006 | 1 | Jan 2008 | Operation normal | | CBAA | Trimble NetRS 4552261618 | TRM29659.00 220382722 | Battery 104AH 12V | Freewave FRG 917-6632 | |
| BI | Sep 22 2006 | 1 | Jul 2007 | Ok. But runs on non-deep cycle batteries (Global) | | CDAA | MILLINE NECKS 4332201010 | | | HEEMAVE ING 31/-0032 | |
| S | Sep 22 2007 | 1 | - | Operation normal | | | | SCIGN D3 adapter 1512 | Battery 104AH 12V | | |
| VK | Apr 01 2007 | 1 | Jul 2007 | Testing data transmission after telemetry repair | | | | SCIGN SCIT radome 1275 | | | |
| WA | Jul 21 2007 | 1 | Jan 2008 | Down since Jun 30 due to telemetry problem. | | | | | | | |
| NG | Jul 16 2005 | 1 | Aug 2007 | Operation normal | | CBRO | Trimble NetRS 4702127027 | TRM29659.00 4624A17023 | | | |
| (MK | Sep 02 2007 | 1 | Jul 2007 | Vandalism - solar panel stolen from site. | | | | SCIGN D3 adapter 2202 | | | |
| KN | Mar 02 2006 | 1 | Jul 2007 | Operation normal | | | | SCIGN SCIT radome 2487 | | | |
| NA AI | Nov 01 2006 Sep 27 2007 | | Apr 2008 Jan 2008 | Operation normal Operating on one battery, one solar panel. | | | | | | | |
| NG | Sep 28 2007 | | Jan 2008 | All units run hormal after battery swap in Mar2007. | | CDLC | Trimble NetRS 4552261614 | TRM29659.00 220373041 | Battery 104AH 12V | Freewave FRG 923-6314 | |
| AI | Dec 01 2006 | | Jul 2006 | Vandalism | | | | SCIGN D3 adapter 1510 | Battery 104AH 12V | | |
| O | Mar 15 2007 | | Jan 2008 | Data transmission normal after FR-190G replacement. | | | | SCIGN SCIT radome 1289 | | | |
| LI | Dec 02 2006 | | Jul 2008 | Operation normal | | | | | | | |
| RT | Sep 29 2007 | | | None | | - | | | B | | |
| СИ | Sep 29 2007 | | Jan 2007 | Operation normal | | CHMZ | Trimble NetRS 4552261599 | TRM29659.00 220375581 | Battery 104AH 12V | Freewave FRG 917-6691 | |
| <b< td=""><td>Mar 21 2007</td><td>2</td><td>Jan 2008</td><td>Data transmission normal.</td><td></td><td></td><td></td><td>SCIGN SCIT radome 1244</td><td>Battery 104AH 12V</td><td></td><td></td></b<> | Mar 21 2007 | 2 | Jan 2008 | Data transmission normal. | | | | SCIGN SCIT radome 1244 | Battery 104AH 12V | | |
| KI | Oct 03 2007 | 1 | | Operation normal | | | | | | | |
| MK | Dec 06 2006 | | Jan 2008 | Operation normal | | CJNT | Trimble NetRS 4532254580 | TRM29659.00 220368133 | Battery 104AH 12V | | |
| LO | Apr 03 2007 | 2 | Jan 2008 | PTLO is back online after new telemetry installation. | | | | SCIGN D3 adapter 1224 | Battery 104AH 12V | | |
| 3U ! | Oct 01 2007 | 3 | Jan 2008 | Trimble NetRS installed. Running on single secondhand battery. | × () | Done | | | | | |
| | tory <u>B</u> ookmarks <u>T</u> ools | | | | 6 | | | | | | |
| * • C 1 | A fraction | ics-ims.caltech.edu/im | s/net/1/sitevisit/ | | | Calt | ech Tectonics Obs | ervatory IMS | | | |
| tech Tectonic: | | 5 Sitevisit index | | | | T.O Ne | tworks • Stations Index • ATJ | N Information | | | |
| ltech T | ectonics Ob | servatory I | MS | | Log in | 1.5.000 | a | | | | |
| | Stations Index - Sit | and the second se | 1.1.1 | | Log m | ATJ | N : Atajana | | | | |
| echoliks? | rations muex + 510 | 5.910110 | | | | | | | | | |
| st Site | Visit summa | ry | | | | Log | into IMS | | | | |
| | | | | | | АТЛ | N | | | | |
| ct a statio | n to see its visits | Click on a visit-r | late to view its de | tail | | Contraction of the local division of the loc | ordinates: -19,30080, - | 70.13674 | | ↑ ATJN | |
| Select a station to see its visits. Click on a visit-date to view its detail. | | | | | Coordinates: -19,30080, -70.13674 ← ↔ → ATJN ▲ Elevation: 1603.0 m ✓ Atajana Latitude: -19,300801 | | | | | | |
| Last station visit | | | | | | | | | Latitude | : -70.136738 | |
| Station 🕆 🕴 Last Visit 🏦 Visit Log | | | | stalled: Oct 26 2005 | | | + Elevation | n: 1603 m | | | |
| | PSKI 03 Oct 2007 Troubleshoot BGAN and download NetRS data; find K2 in power-off state and unable to revive, | | | > S | ite Identification detail | | | | | | |
| SKI | 03 Oct 2007 | | | | Tags: ACCESS-CONTROLLED 1SEC_HIGHRATE | | | | | | |
| | 03 Oct 2007 01 Oct 2007 | Visit by John, Im | am and Pardono to d | ownload K2, download NetRS; site is surrounded by refugees. | | Та | gs: ACCESS-CONTROLLER | D 1SEC_HIGHRATE | | E Meridian (| Alto |
| | | Visit by John, Im Discovered brok | am and Pardono to d en radome, discovere | A CALE AND THE STATE AND A DESCRIPTION OF A | ng, | | gs: ACCESS-CONTROLLEI | D 1SEC_HIGHRATE | | | Alto |

PPNJ 29 Sep 2007 Visit by Imam, Mr Black, Pardono and John, things looking fine, landowner maintaining site well. TLLU 28 Sep 2007 Visit to finalize installation of enclosure, extract one battery, download data. Install BGAN, replace MicroZ with NetRS and upgrade the aerial target and battery bank from 2 to 4 batteries. NGNG 28 Sep 2007 lked to landowner to ask the neighbor to cut nearby clove and pinang palm trees; site looking great, but owners house is getting larger. Troubleshoot power problem; one of the two 75W solar panels is bad. MSAI 27 Sep 2007 Station now operates on one panel and one battery. LAIS 22 Sep 2007 Visit by New Zealand tsunami expert, Jose Barreros, to fix corroded and broken ACeS antenna mount. 22 Sep 2007 Visit by surf charter captain, John McGroder, to fix corroded and broken ACeS antenna mount. BSAT 18 Sep 2007 Download data, trim vegetation and install aerial target; site not properly maintained by landowner. TIKU Visit with BAKO team to replace stolen solar panel with a broken, but functioning 75W Shell solar panel. МКМК 02 Sep 2007 Trim vegetation, reinstall Haze battery, GPS receiver and FR190G; repair fence. Download NetRS and Taurus data; discover Taurus in power-off state and unable to revive; ABGS 29 Aug 2007 Taurus extracted and sent back to Caltech. LHWA 21 Jul 2007 Down since June 30th. Fr190G not responding - spotbeam # wasn't right (#39). He changed spotbeam to #31 as suggested by Tio in Batam. Then it worked. But later, the spot beam seemed changing again to #39, and so, it didn't work again. Need to replace Fr190G. Other: Micro-Z status running well, Taurus looks good, batteries status good, Anly looks good.

PTLO 0.3 Apr 2007 Problem : FR190G was in a hung state (not responding).

Figure 2. The IMS website allows authorized users to record site visits as well as keep track of station inventory for each network. Top-left: The Maintenance Overview page gives a summary of the status for each station. Top-right :The Inventory page reports the current devices at each station. Bottom-left: The Site Visit Summary page shows site visit logs. Bottom-right :The Individual Station page displays properties of that station.

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CTO GPS Archiving Tools and Data Management Capabilities F.Chowdhury, J. Galetzka, J. Genrich, M.Simons, and R.Clayton

GPS data archiving and managment tools are being developed to facilitate the tasks of:

1. Downloading data from stations

2. Serving data to authorized users

3. Documenting site metadata and field visits.



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Data Collection:

For online stations, raw data files are automatically downloaded and converted to RINEX format. For offline stations, a site visit is made to manually download and push the data to the Caltech server. The data availability catalogue is stored in a PostgreSQL database for each geodetic array.

Serving Data: Access to the RINEX files is restricted by IP address. Authorized users may download the data via wget provided they have registered IP addresses.

Documenting site metadata and field visits: The Tectonics-IMS website is a database-driven application for the documentation of field maintenance and station inventory. Each geodetic network has its own portal and field documentation site. Users authorized for a particular network can create new stations in the database, and record their field activities. Please visit http://tectonics-ims.caltech.edu/ims/ for more information.

Projects under development: A web application is being developed to allow users to record GPS time series metadata (e.g., hardware jump events) in a central database.



Figure 3. Daily email reports of the automated RINEX data collection and archiving of Japan and New Zealand.





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