VantagePoint 2022

# VantagePoint

*Geotechnical Data Platform*

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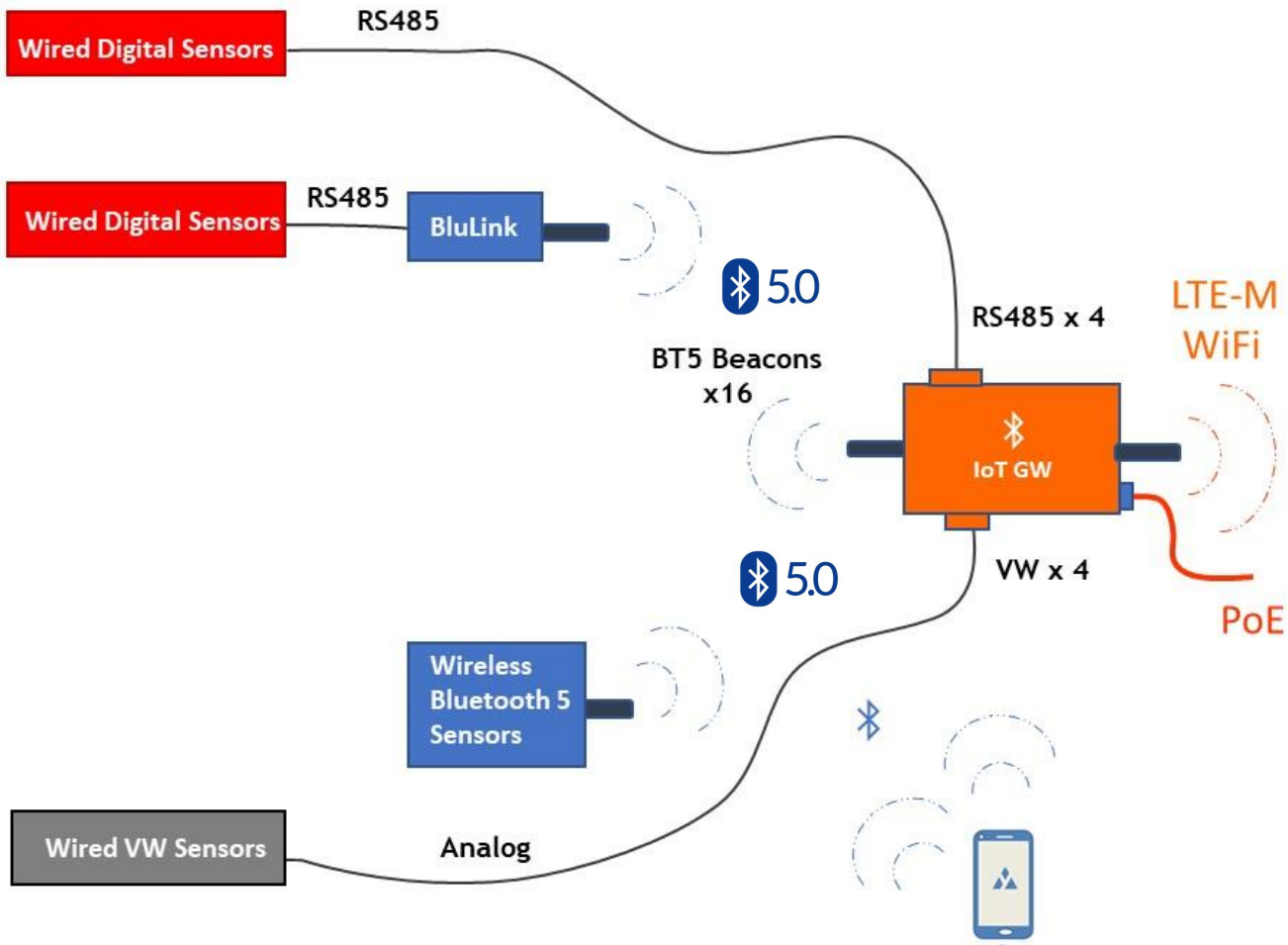
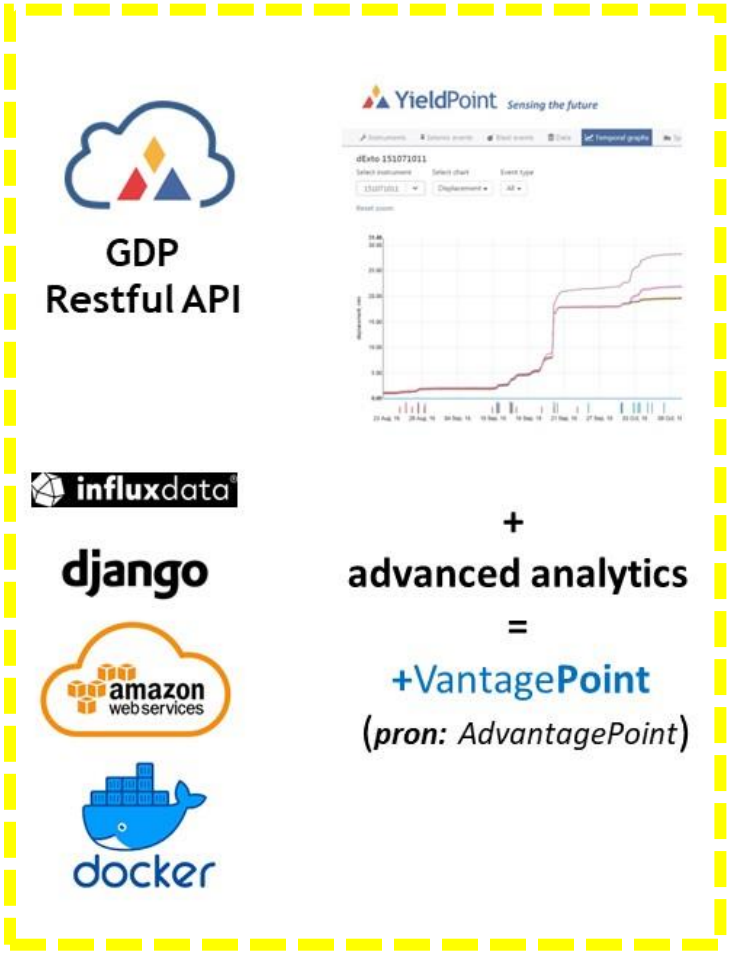
YieldPoint *Sensing the future*

VantagePoint

VantagePoint 2022




ViewPoint
*Manual readout*

LogPoint
*Datalogging*

AccessPoint
*LTE-M backhaul to cloud*

VantagePoint
*Browser based visualization*

YieldPoint *Sensing the future*

# The YieldPoint EcoSystem

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Instruments | Seismic events | Blast events | Data | Temporal graphs | Spatial graphs | Settings

## Instruments

Quick search

What? Search

Rows 20

« ... 3 4 5 6 7 8 9 ... »

| Instrument ID | Type | Level | Project | Location | + New |
|---|---|---|---|---|---|
| 171171101 | dExto | | | | |
| 171171102 | dExto | | | | |
| 171171103 | dExto | | | | |
| 171171104 | dExto | | | | |
| 171171105 | dExto | | | | |
| 171171106 | dExto | | | | |
| 171171107 | dExto | | | | |
| 171171108 | dExto | | | | |
| 171171109 | dExto | | | | |
| 171171110 | dExto | | | | |
| 171171111 | dExto | | Misr | | |
| 171171112 | dExto | | | | |
| 171171113 | dExto | | | | |

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Automatic real time plotting of all data

VantagePoint 2022

# Instruments

Quick search

160371010 Search

Rows

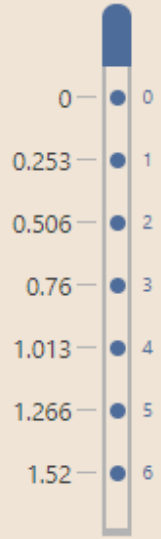
20

| Instrument ID | Type | Level | Project | Location | + New |
|---|---|---|---|---|---|
| 160371010 | dExto | 5 | C | C | |

**Instrument ID:** 160371010
**Instrument type:** dExto
**Channels:** 7
**Zero timestamp:**
**Project:** C
**Location:** C
**Coordinates:** east:, north:, depth:
**Level:** 5
**Borehole:**
**Install date:**
**Installed by:**
**Purpose:**
**Notes:**

**Head at:** toe

**Anchors:**

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Individual instrument parameters

## dExto 160371010

Select instrument: 160371010 | Rows: 20

1 2 3 4 ... »

Export data | Import data

| Date | 0 | 0.253 | 0.506 | 0.76 | 1.013 | 1.266 | 1.52 | Temperature | + New |
|---|---|---|---|---|---|---|---|---|---|
| 2016-05-19 10:00:44 | 0.00 | 20.63 | 20.95 | 21.07 | 20.87 | 20.57 | 20.56 | 34.9 | |
| 2016-05-19 11:00:43 | 0.00 | 20.64 | 20.94 | 21.05 | 20.86 | 20.57 | 20.54 | 35 | |
| 2016-05-19 12:00:43 | 0.00 | 20.64 | 20.95 | 21.07 | 20.87 | 20.57 | 20.55 | 35 | |
| 2016-05-19 13:00:43 | 0.00 | 20.64 | 20.94 | 21.05 | 20.86 | 20.56 | 20.54 | 35 | |
| 2016-05-19 14:00:43 | 0.00 | 20.63 | 20.94 | 21.06 | 20.87 | 20.56 | 20.54 | 35 | |
| 2016-05-19 15:00:43 | 0.00 | 20.63 | 20.94 | 21.05 | 20.86 | 20.57 | 20.54 | 35 | |
| 2016-05-19 16:00:43 | 0.00 | 20.62 | 20.93 | 21.07 | 20.87 | 20.57 | 20.55 | 35 | |
| 2016-05-19 17:00:42 | 0.00 | 20.63 | 20.94 | 21.05 | 20.85 | 20.56 | 20.54 | 35 | |

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Data strings for selected instrument

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dExto 151071011

C / C / 5

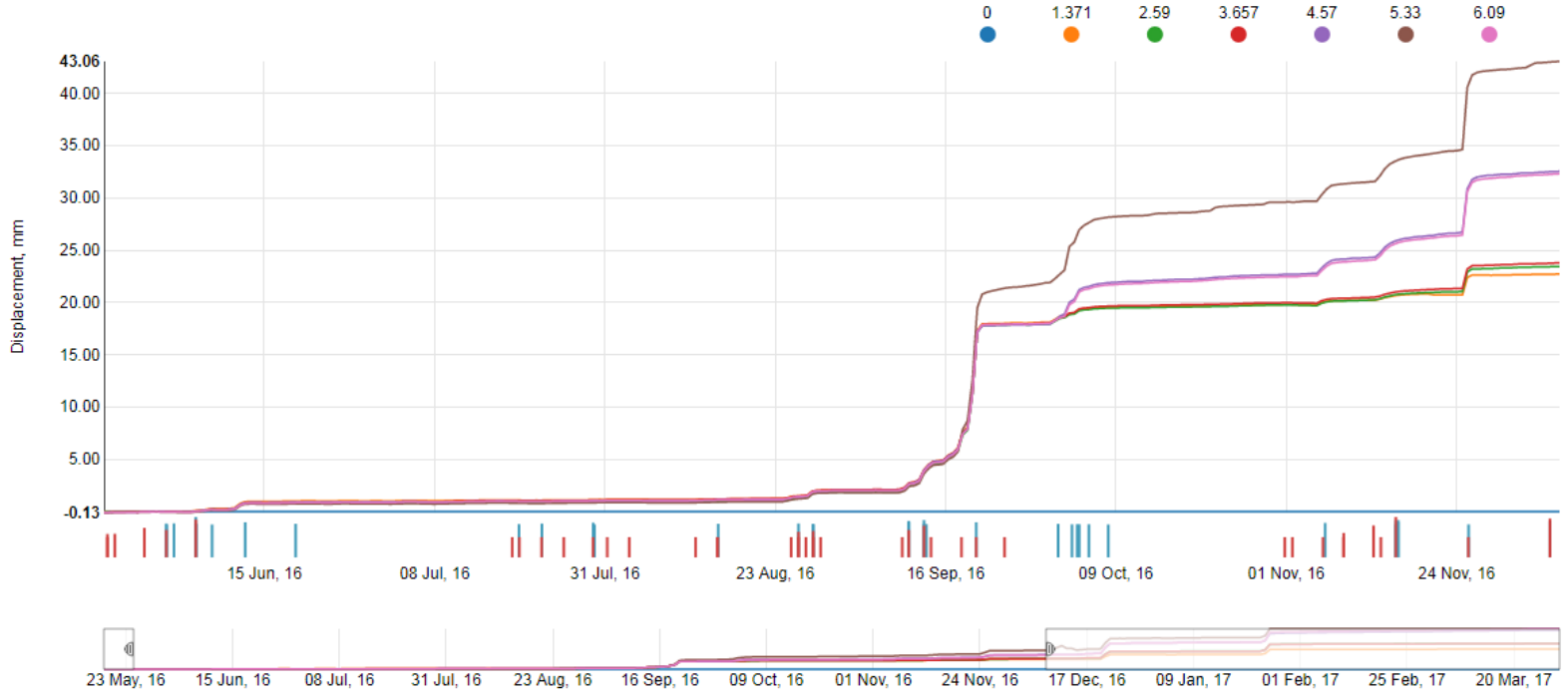
Select instrument: 151071011 | Select chart: Displacement | Event type: All

Time Ref

Select reference anchor: - 0 - | - 1 - | - 2 - | - 3 - | - 4 - | - 5 - | - 6 -

Flip signs

Reset zoom

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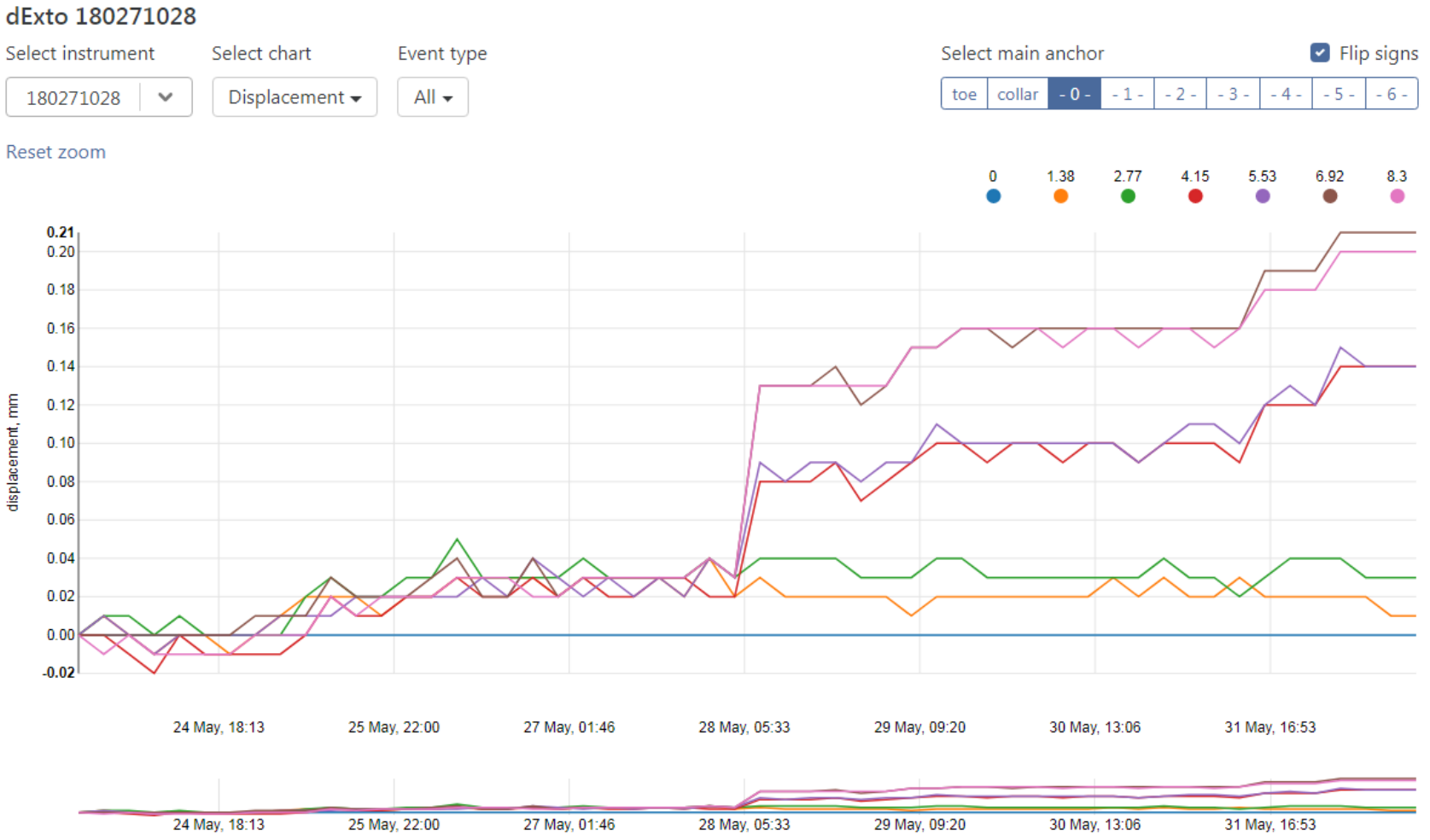
# Temporal Plot: Displacement over Time

VantagePoint 2022

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# Temporal Plot: High resolution

VantagePoint 2022

dExto 151071011

C / C / 5

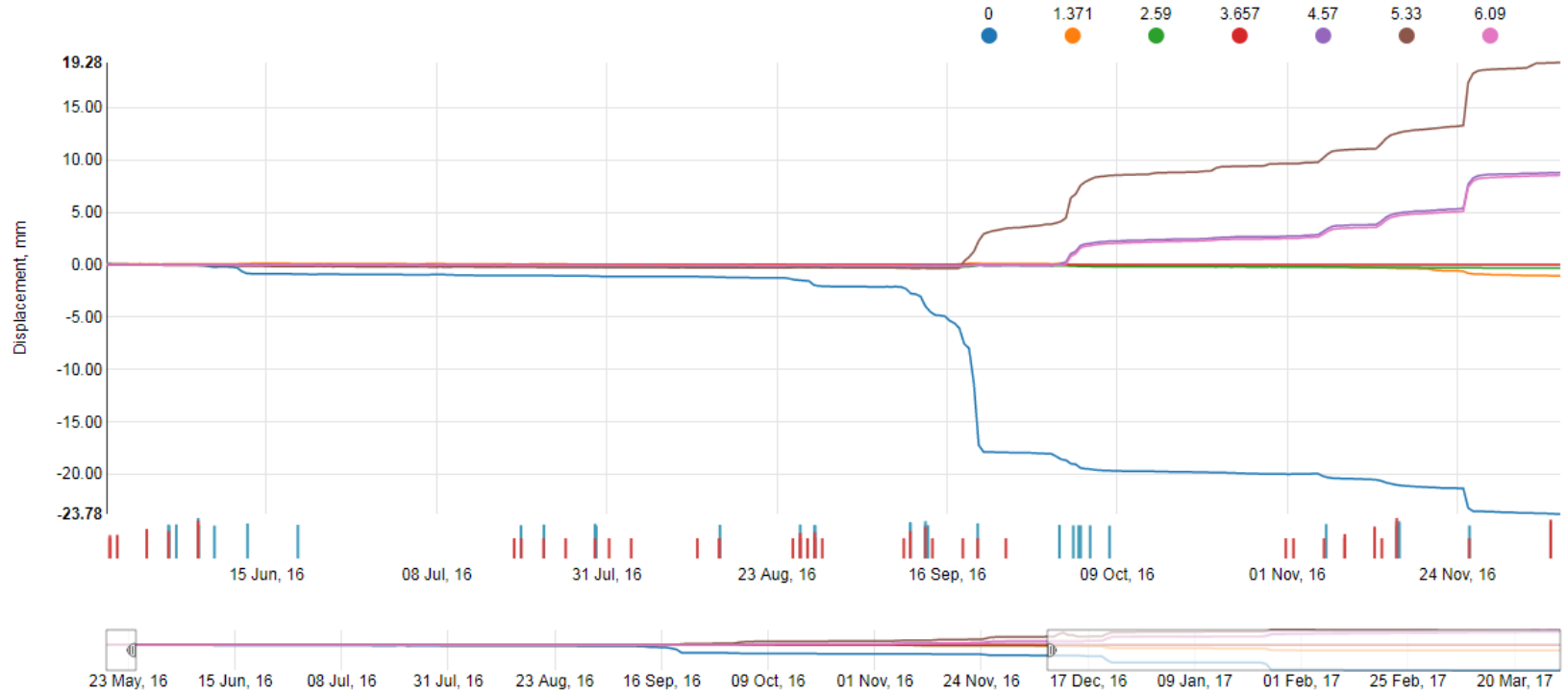
Select instrument: 151071011 | Select chart: Displacement | Event type: All

Time Ref

Select reference anchor: - 0 - | - 1 - | - 2 - | - 3 - | - 4 - | - 5 - | - 6 -

Flip signs

Reset zoom

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# Temporal Plot: Reference to Pillar center

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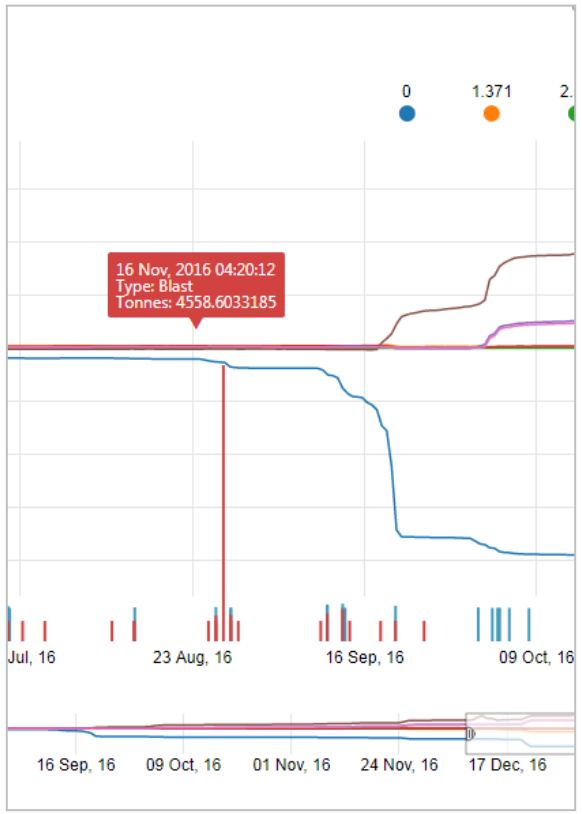
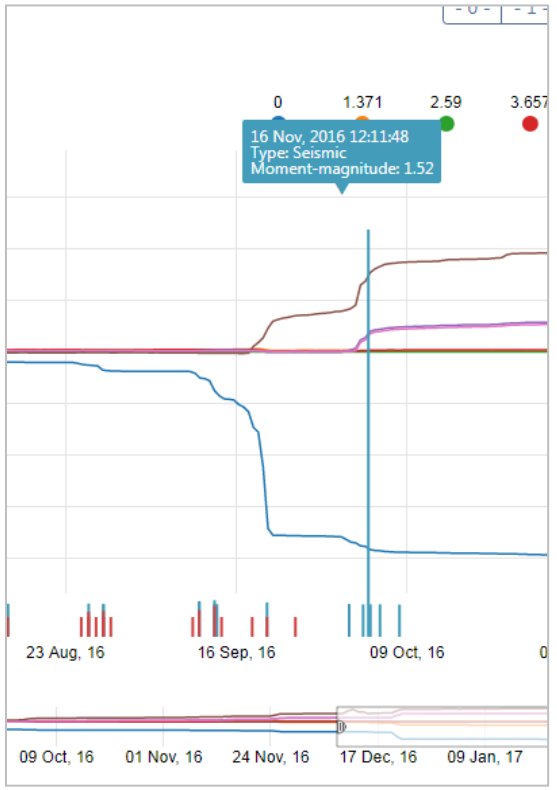
# Events: Seismic and Blasting events

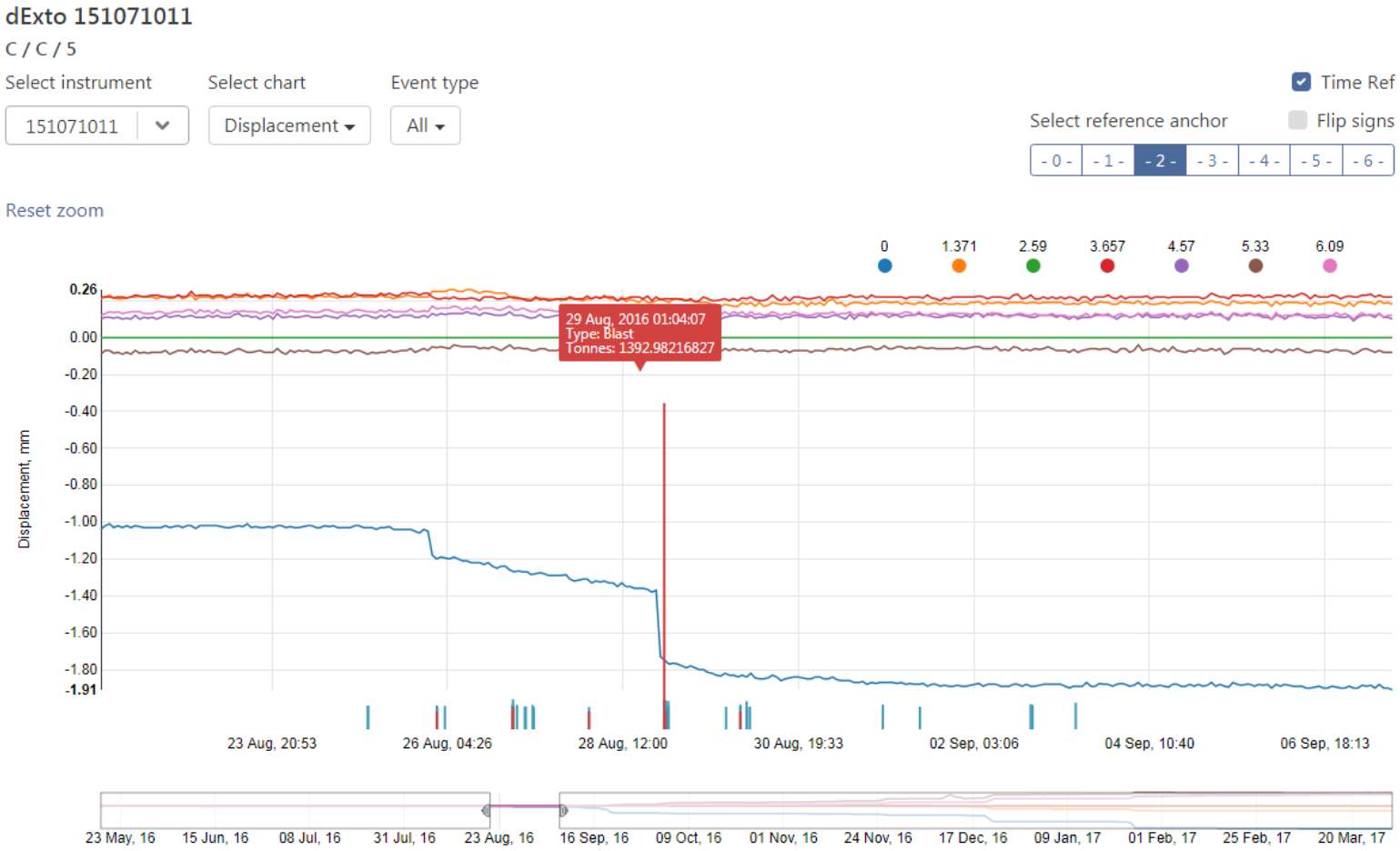
## Blasting event




## Seismic event



VantagePoint 2022

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# Zooming in on events

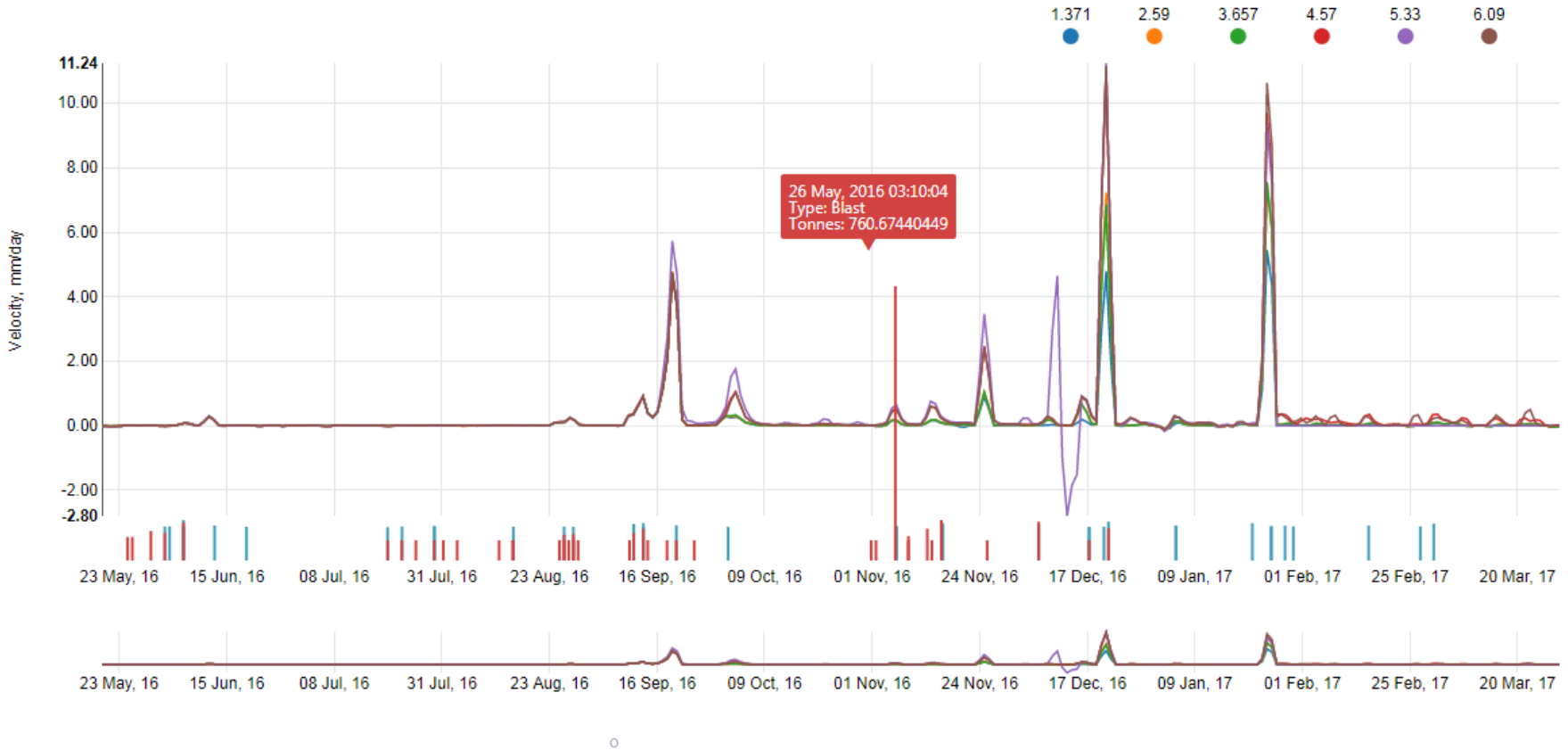
VantagePoint 2022

dExto 151071011

C / C / 5

Select instrument: 151071011 | Select chart: Velocity | Event type: All

Reset zoom

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# Velocity and Acceleration

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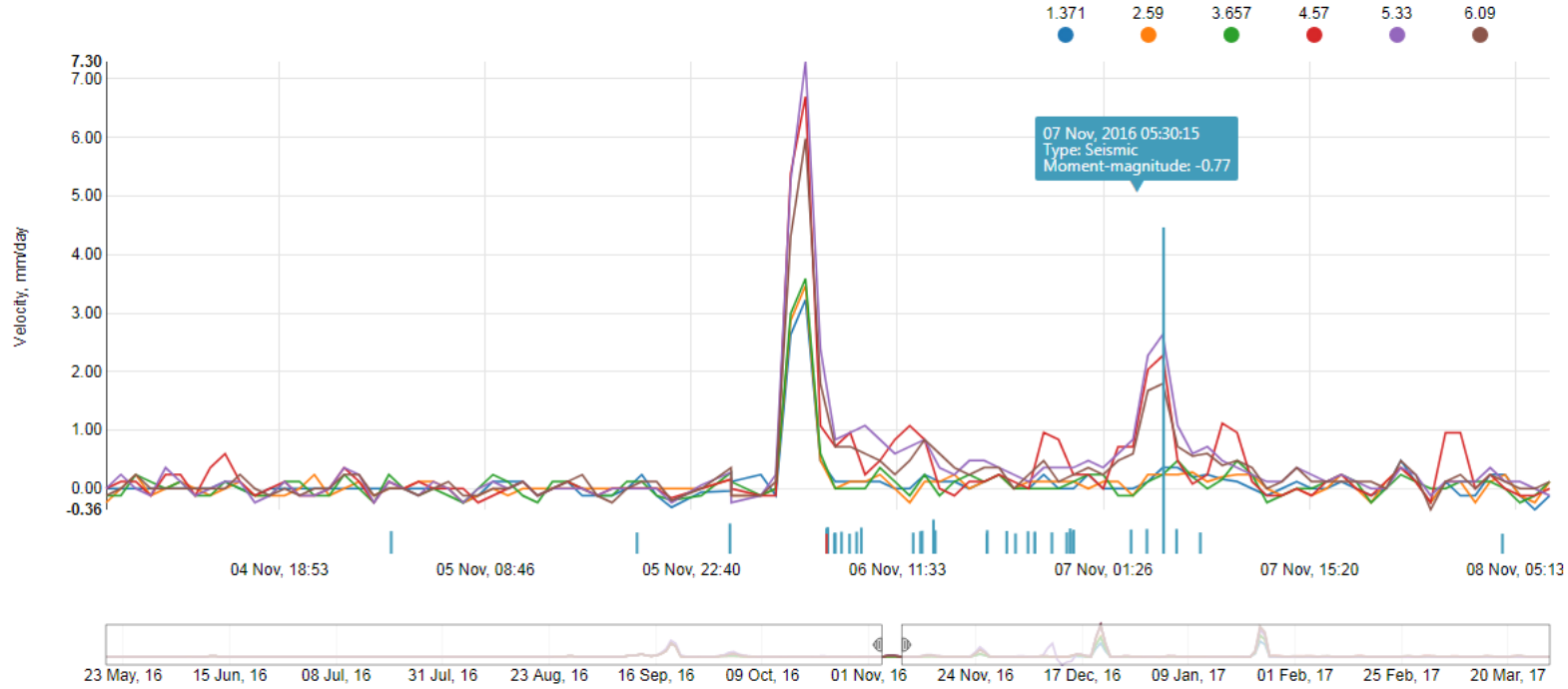
# Zoom in Seismic events

dExto 151071011

C / C / 5

Select instrument: 151071011 | Select chart: Velocity | Event type: All

Reset zoom

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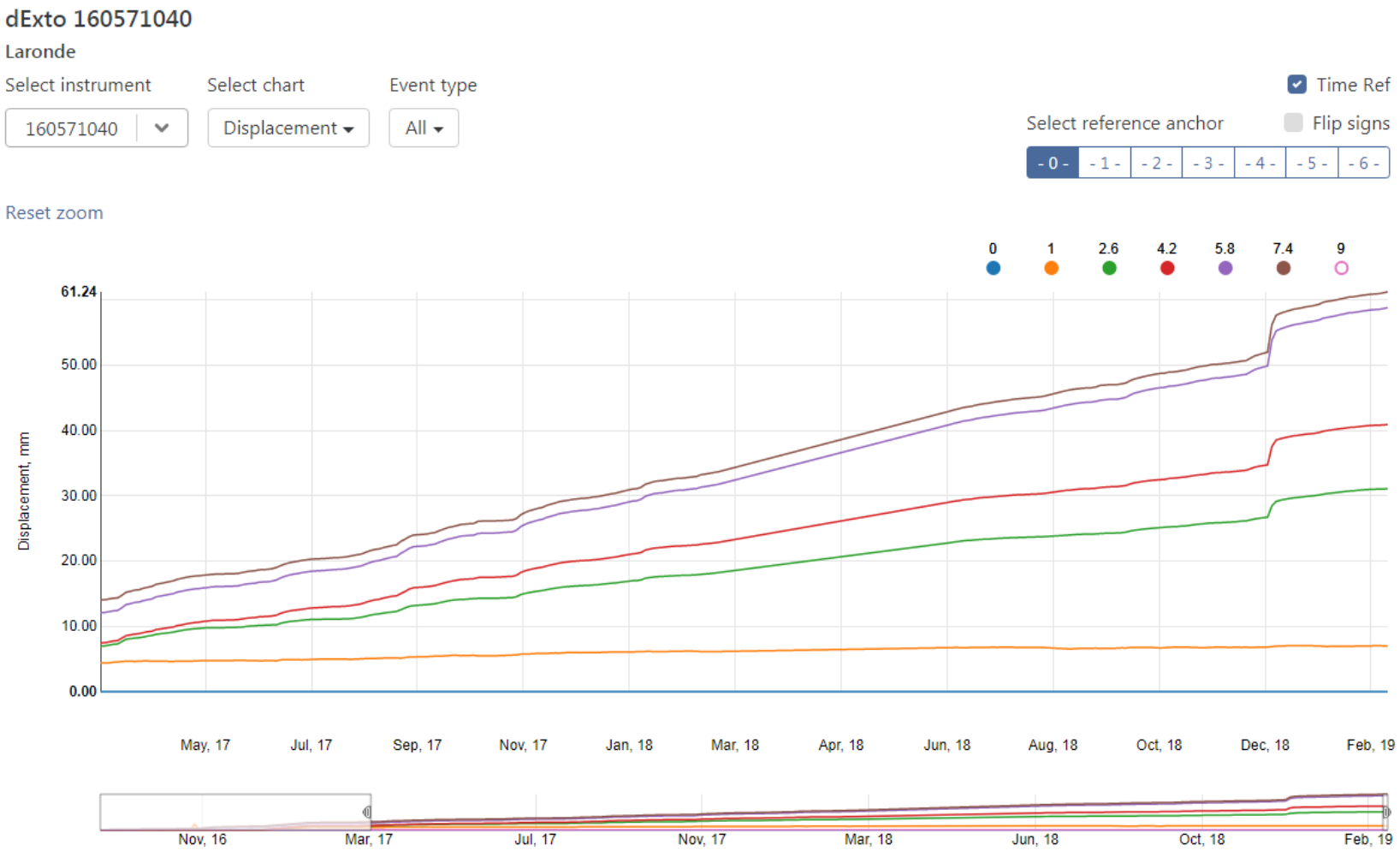
Zoom into Seismic events

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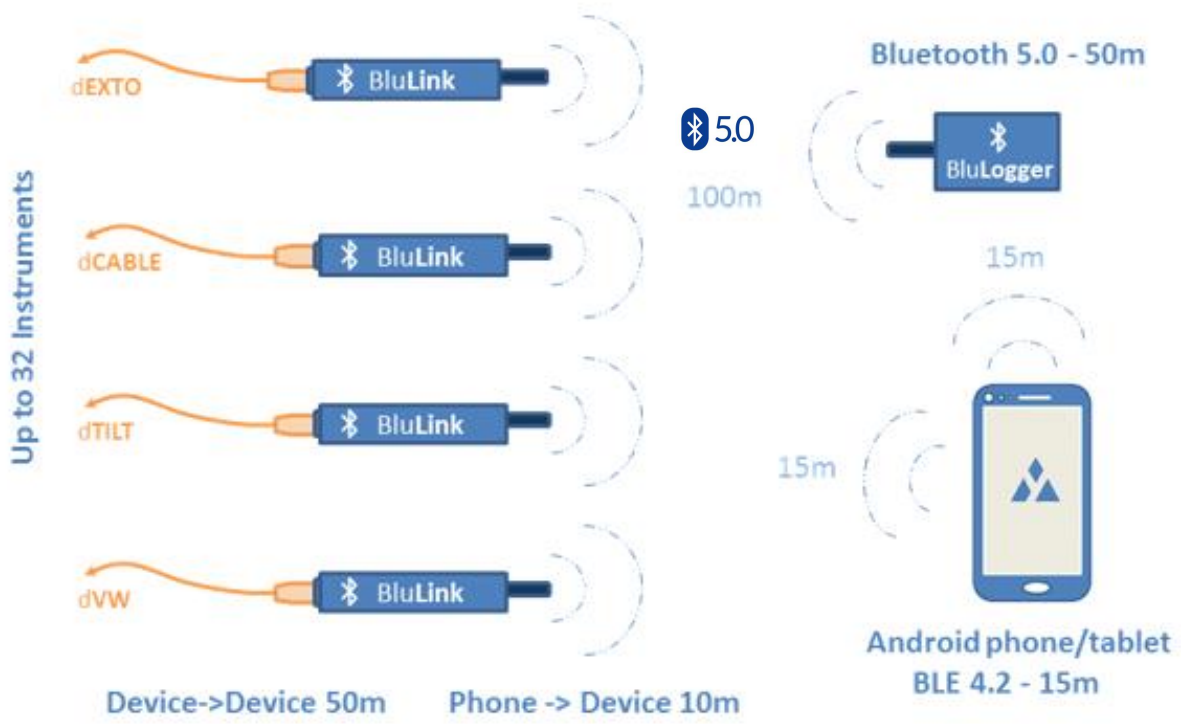
# Squeezing ground and Time dependency




BluLink loggers turn any YieldPoint instrument into a data logger with Bluetooth BLE5 capability. 30,000 readings saved, 50 to 200m transmission range, adjustable frequency. BluPoint Android application. Sends data to BluGateway for networking.

The BluLink-S is fully encapsulated and will operate indefinitely underwater.

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# BluLink-S (sealed)

1for1 Radio

Ethernet Gateway

Ethernet gateways are used to push data to the VantagePoint GDP either via our 1for1 borehole radios or directly with lead wires.

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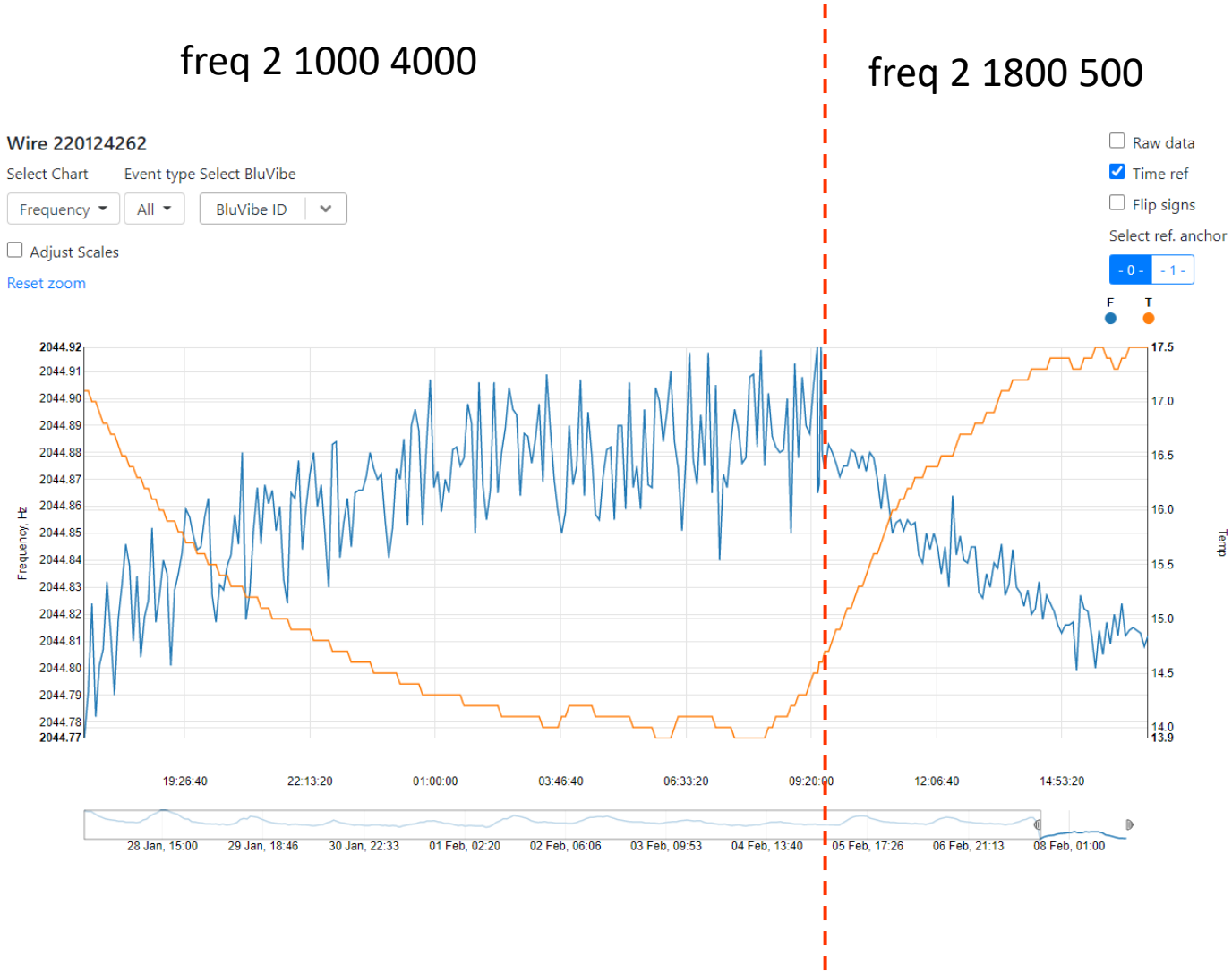
dMESH 1 for 1 radio

# Freq Ch# Start Span

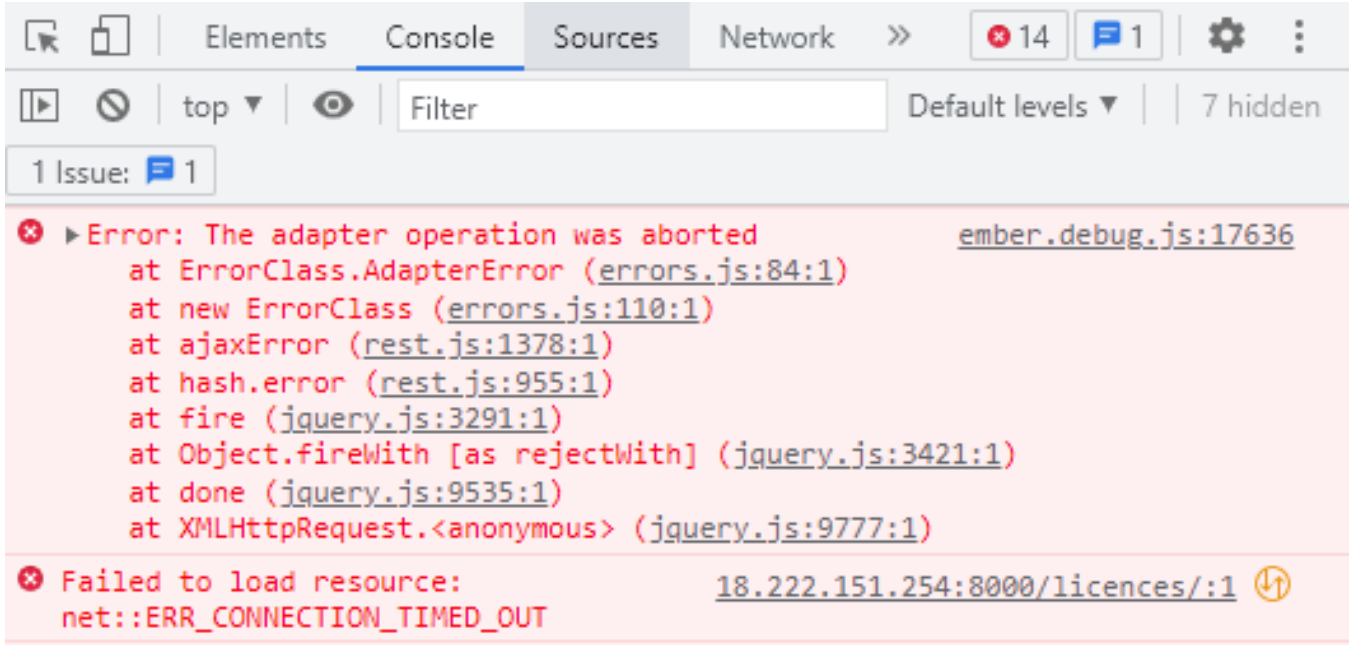


If you experience difficulties logging into VantagePoint you will see the triangular YieldPoint logo pulsing in the middle of the screen.

STEP 1: Do SHIFT F5. If this doesn't solve a cache problem, then go to the next step.

STEP 2: Do F12. A window will open to the right of the screen. Go to "Console" at the center top. Some messages in RED will be displayed. Please do a screen capture of this and send to sales@yieldpoint.com.

A ERR_CONNECTION_TIMED_OUT tells us that you can no longer access Port 8000 (the API) while you can still access Port 80 (the web site). Something might have been done at IT level to suddenly make it impossible to reach Port 80. Contact IT.

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# Access troubleshooting