SCANLINE®

USER'S GUIDE

April 28, 2021

Contents

Search Box
(Type in one of the following : Project Manager, Linename, or Job#) (Search results automatically appear based on entry)

My Projects
(Stores user-created projects)

Create Projects
(Allows users to create their own projects)

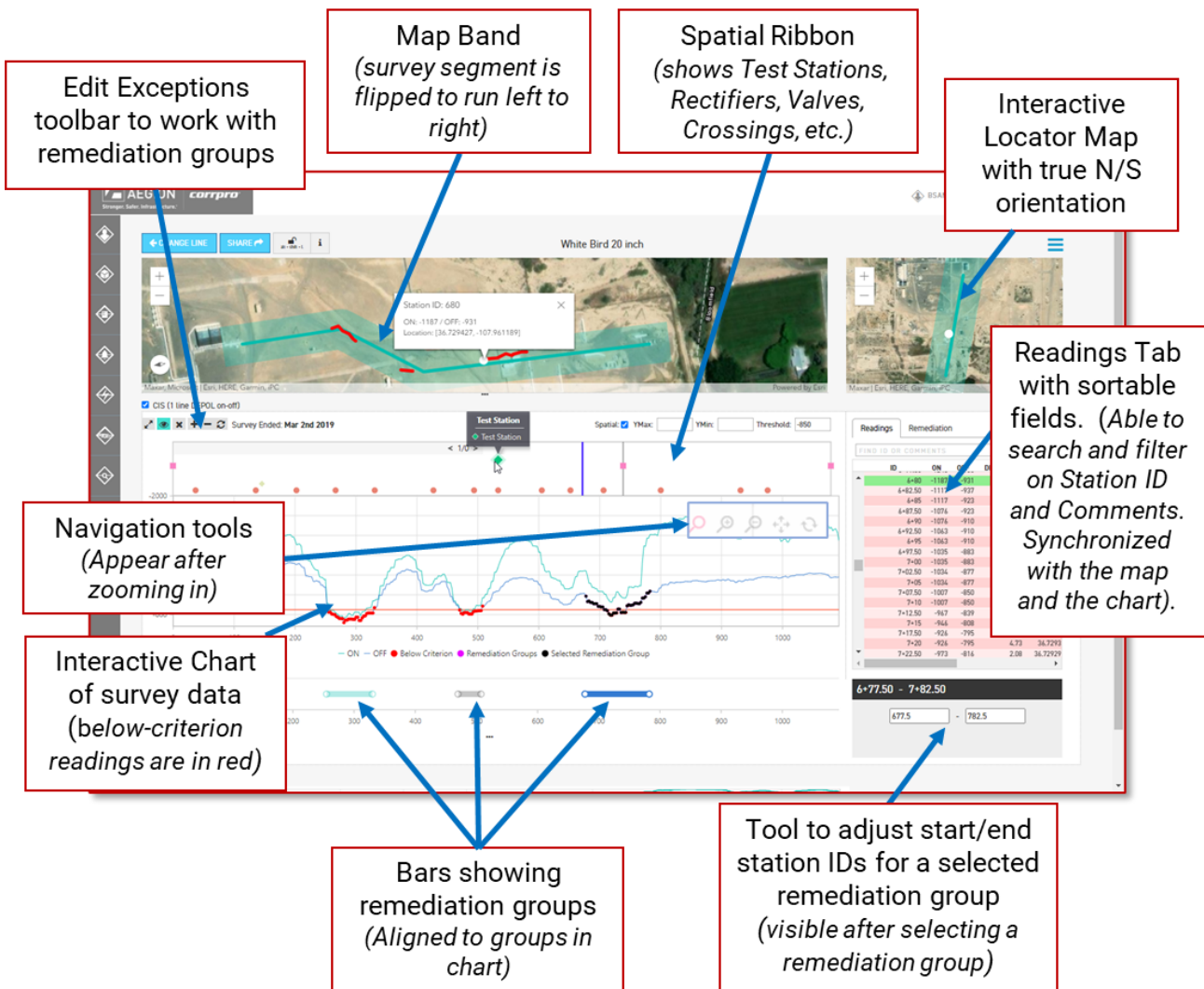**User Assigned Tags** for adding searchable information to a line survey

Line Cards showing survey type, status, and completion date
(Represent a Corrpro-conducted survey)

Page Control
(Allows paging through available line surveys)

All Lines   My Projects

Create Project

white b

line:Redtail to Buckingham (Whiting NGL)
line:**White** Bird 20 inch
line:Line Bayou Sorrel to White Castle - 18 mi
line:East White Point - North Meter Bank 12IN

6500030000 Arminto - Lost Cabin — 2-2-1 surveys & jobs
Tallgrass
Most Recent Survey   0 tags
DEPOL
NEW
04/26/2021 - 04/26/2021
* ON_OFF, DEPOL

DEPOL
NEW
04/25/2021 - 04/25/2021
* ON_OFF, DEPOL

1-1-1 surveys & jobs
Morgan
Most Recent Survey   0 tags
ON_OFF
NEW
04/20/2021 - 04/24/2021

6500040201 Grasslands Terminal to Buckingham — 1-1-1 surveys & jobs
Tallgrass
Most Recent Survey   0 tags
ON_OFF
COMPLETE
07/07/2019 - 04/24/2021

KM - Texas Pipeline - Rancho Pipeline — 1-1-1 surveys & jobs
Kinder Morgan
Most Recent Survey   0 tags
ON_OFF
NEW
04/20/2021 - 04/24/2021

Line 1204 — 1-3-2 surveys & jobs
Kinder Morgan
Most Recent Survey   0 tags
ON_OFF
NEW
04/19/2021 - 04/24/2021
* ON_OFF, DEPOL

https://aip.aegion.com/SCANLINE#   1 2 3 4 5

Things to Know

- Type in at least 3 characters to activate search.
- Search returns the top 10 items based on the characters entered.
- Data shown on the Line Card page is from the repository and is typically pre-aligned.
- Tags are free-form, user defined labels assigned to a selected Line Card and are searchable. (Common use is to assign a region or division to a line card)
- User created projects can user survey data from the repository or from external files. These projects are private to the user who created them unless shared.

Key Features of ScanLine®

Map Band
(survey segment is flipped to run left to right)

Spatial Ribbon
(shows Test Stations, Rectifiers, Valves, Crossings, etc.)

Edit Exceptions toolbar to work with remediation groups

Interactive Locator Map with true N/S orientation

Readings Tab with sortable fields. *(Able to search and filter on Station ID and Comments. Synchronized with the map and the chart).*

Navigation tools
(Appear after zooming in)

Interactive Chart of survey data
(below-criterion readings are in red)

Bars showing remediation groups
(Aligned to groups in chart)

Tool to adjust start/end station IDs for a selected remediation group
(visible after selecting a remediation group)

Things to Know

- The Map Band, Interactive Chart, Readings Tab and Spatial ribbon are synchronized
- Below criterion readings are marked in red on Map Band, Interactive Chart, and Readings Tab
- Remediation groups are automatically created for adjacent below-criterion readings
- Use left-mouse-click and drag and drop on Interactive Chart to zoom in
- Navigation tools appear on chart only after zooming in
- Searching on comments is a powerful tool for finding items such as Test Stations and Rectifiers
- Survey data collected by Corrpro can be easily selected and loaded into ScanLine®

Getting Help from Online Chat

1

Click on the **Chat** button in the upper right-hand corner of the app to launch chat window.

2

Hit the **Start Chat** button to notify an agent

3

Start chatting with an agent.

Things to Know

- We support chat during normal business hours only (Mon-Fri 8:00 am-5:00 pm CST)
- If agents are too busy to field your chat, you will automatically be rolled into an email queue for follow-up

Getting Help from ScanLine® Wiki

1

Click on the **Wiki** button ('**?**') in the upper right-hand corner of the app to open Wiki page.

2

Browse through tutorials

3

Take a look at the downloadable documents

Things to Know

- Pages are updated frequently so check back often
- New feature documentation will be available soon

Loading Data from CIS Repository

In the SEARCH box on the Line Card page:
Type in one of the following : **Project Manager, Linename, or Job#**

1 →

All Lines   My Projects

white b|

line:Redtail to Buckingham (Whiting NGL)
line:**White B**ird 20 inch
line:Line - Bayou Sorrel to White Castle - 18 mi
line:East White Point - North Meter Bank 12IN

Most Recent Survey
ON_OFF
NEW
07/07/2019 - 04/24/2021

0
tags

KM -
Kinder

2 Select one of the search results to show the Line Card.

All Lines   My Projects

white b

line:Redtail to Buckingham (Whiting NGL)
line:**White B**ird 20 inch
line:Line - Bayou Sorrel to White Castle - 18 mi
line:East White Point - North Meter Bank 12IN

All Lines   My Projects

SEARCH

X | line:White Bird 20 inch

White Bird 20 inch
BNS Midstream

0-1-1
surveys & jobs

Most Recent Survey
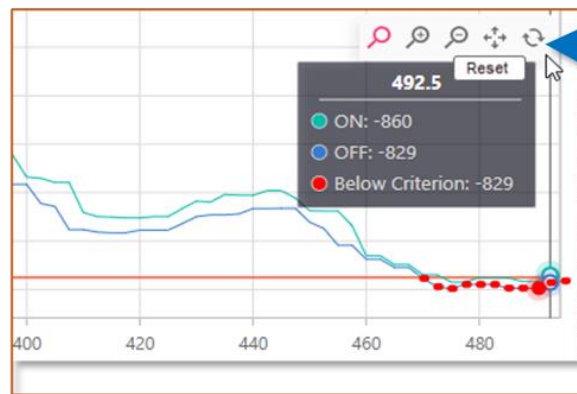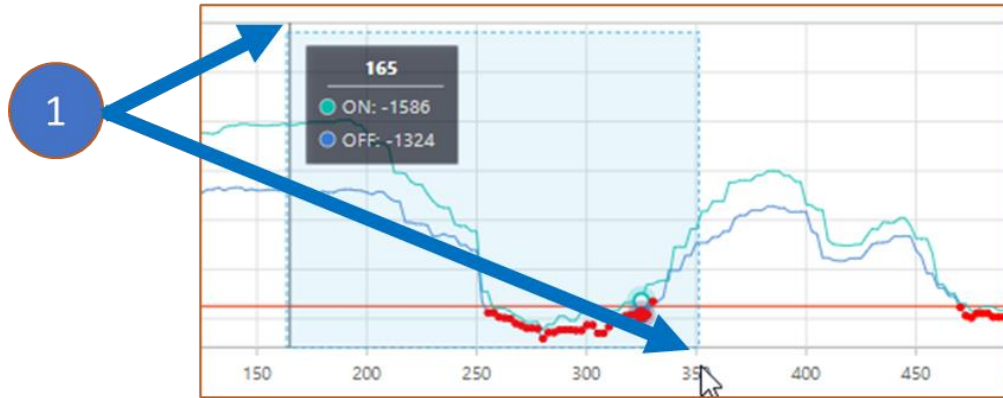ON_OFF
COMPLETE
03/02/2019 - 03/02/2019

0
tags

3 Click on the Line Card to load the survey. →

Things to Know

- Type in at least 3 characters to activate search.
- Search returns the top 10 items based on the characters entered.
    - If you don't see what you are looking for, keep typing more characters!
- Data from the repository is typically pre-aligned.
- Data from the repository is enriched (Comments and spatial markers)
- Automatic creation of Depth of Cover chart (if depths were recorded in survey)
- Automatic creation of DCVG chart (if DCVG data was collected with CIS survey)
- Typically, DEPOL surveys from the repository will load in the same chart as the associated CIS survey

Navigating on the Chart

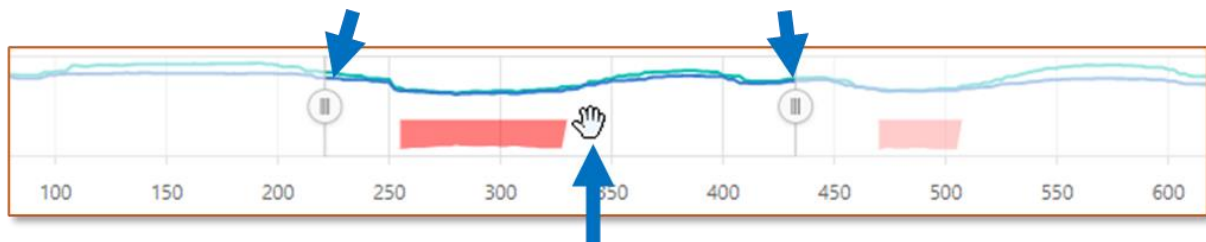**To Zoom In**: Click, drag, and drop a box around the chart area to zoom into.

1

2

To Zoom Out to the Full Extent: Click on Reset tool. Other tools allow zooming or panning.

3

Zoom or pan using navigator pane:
Drag the start/end brushes on the navigator pane to adjust view extent

Click in the middle and drag to pan on chart

Things to Know

- Navigation tools in upper right-hand corner of chart only appear after you have zoomed in

Loading External Data

Click on the "Stacked Plates" (blue) menu in the upper right corner of the app to open <u>Manage Surveys</u> Dialog
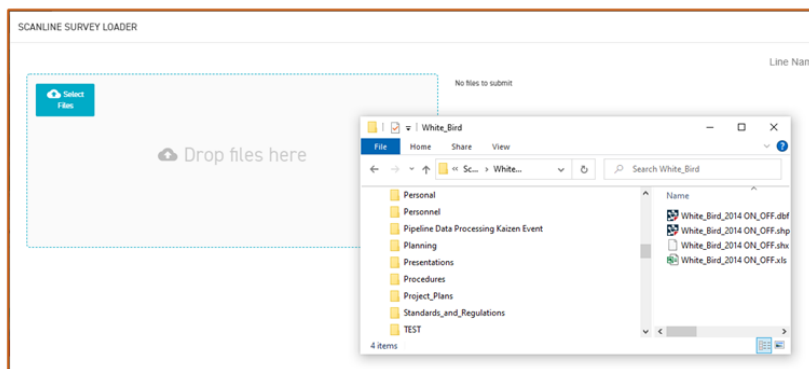
①

②

Select **Upload Surveys**

③

Select (or drag and drop) files to the loader

④

Select Survey Type and Click **Submit**

Things to Know

- You must load or create a project before you can load data from an external file.

- Survey types include: CIS, DEPOL, NATIVE, DCVG, ACCA, and ILI.

- Ignore the Error warning (this is used by Data Processing).

- Select **UNKNOWN** survey type when loading ILI data.

- Data loaded from external files must follow published formats. (see Wiki page)

- Data loaded from external files are not guaranteed to be aligned to other surveys.

- Currently, a DEPOL survey loaded from an external file will load into a separate chart from its associated CIS survey.

Creating a Remediation Group

Click on **Edit Exceptions** tool to begin creating remediation groups.

(1)

(2) Drag and drop box around readings you want to group.

(3) Click '**+**' sign to create group

(4) Select group in Remediation tab.

Adjust start/end station id's for group.

Things to Know

- Groups are automatically created for any adjacent, below-criterion readings
  - These groups cannot be removed but can be combined with other groups
- User-created remediation groups can contain both below and above-criterion readings
- Groups persist between ScanLine® sessions
- Remember to turn off the toolbar when finished!

Assigning Tasks to a Remediation Group

1 Click on the **Edit** button in the Remediation tab to bring up the Remediation form.

Enter remediation tasks as needed

2

3 Copy Lat/Long coordinates for segment start/end and paste in a remediation task if needed.

Hit Save button to preserve changes.

4

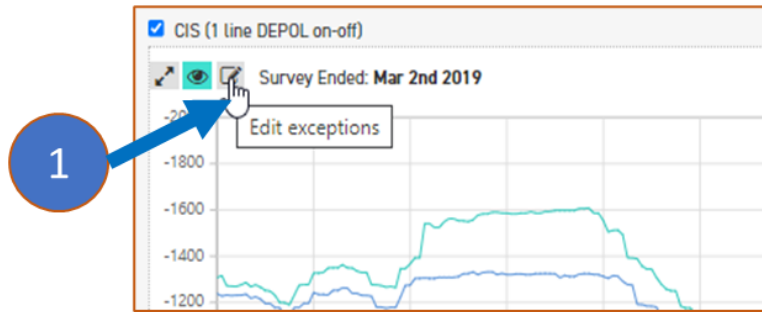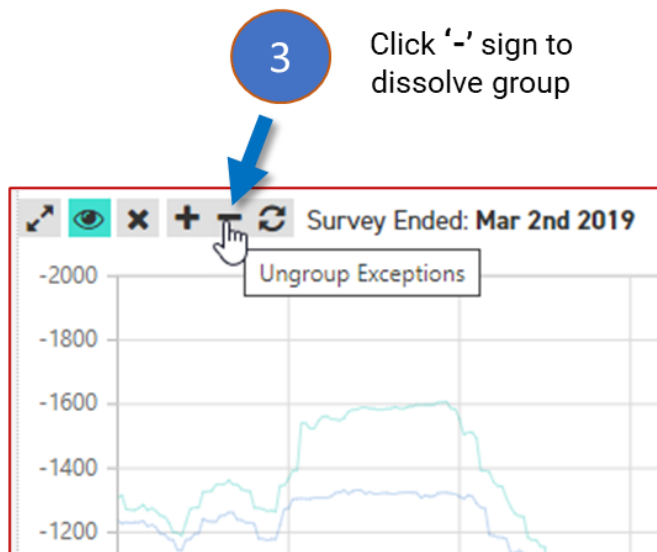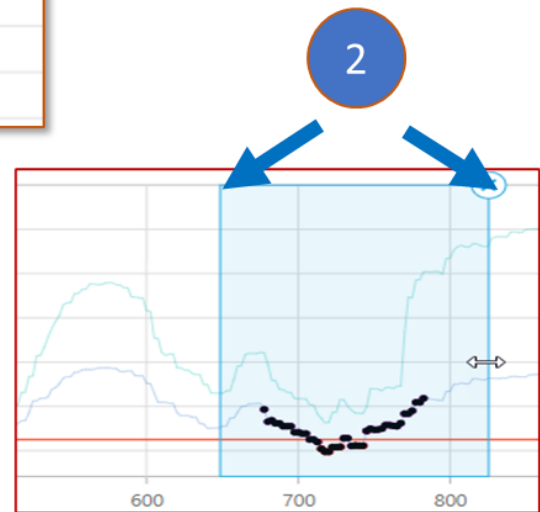
Things to Know

- Remediation tasks are automatically published to the Action Plan
- Remediation assignments persist between sessions
- Deleting a remediation group will remove any remediation assignments made
- Remember, adjacent below-criterion readings are automatically placed in a group.
  - These groups cannot be removed
  - Instead, assign a remediation action of "No remediation necessary" to any below-criterion group for which you do not want to assign a remediation action

Removing a Remediation Group

Click on **Edit Exceptions** tool to open toolbar.

1 CIS (1 line DEPOL on-off)
Survey Ended: **Mar 2nd 2019**
Edit exceptions

Drag and drop box around readings you want to ungroup.

2

3 Click '**-**' sign to dissolve group

Survey Ended: **Mar 2nd 2019**
Ungroup Exceptions

Things to Know

- You cannot remove groups created automatically from below-criterion readings.
  - Instead, assign a remediation action of "No remediation necessary" to any below-criterion group for which you do not want to assign a remediation action
- Automatically created groups can be a part of larger, user-created groups and can be dissolved with these steps
- You cannot undo a Remove Group operation
- Remember to turn off the toolbar when finished!