



**Joint: Data Reporting & Evaluation Committee
and DPI Metrics Committee Meeting
Monday, April 15 – Colorado Springs, CO
8:30 a.m.-10:50 a.m. (Mountain)**

DR&EC COMMITTEE PURPOSE: Collect, analyze and share damage and near miss data to inform decisions that impact damage prevention activities and policies.

DPI METRICS COMMITTEE PURPOSE: The Damage Prevention Institute (DPI) Metrics Committee makes policy recommendations to the DPI Advisory Committee regarding DPI participant accreditation, performance measurement, and peer reviews.

MEETING OBJECTIVES:

- Programs updates.
- Consider locator metrics for approval.
- Brainstorm and rate potential metrics enhancements.

DPI METRICS CO-CHAIRS:

- Being finalized

DR&EC CO-CHAIRS:

- Andrea Stainback, Stake Center Locating
- Louis Panzer, North Carolina 811

AGENDA:

1. Welcome and Introductions (Co-Chairs)

- Committees Goals and Objectives: Appendix A
- Antitrust compliance statement
 - Approximate attendance_88, with about 1/3 first-time attendees
 - Stakeholder primaries have been identified for several stakeholder groups, including telecommunications, excavators, gas distribution, electric, locator and 811 centers.

2. Committee Overview, Purpose, and Meeting Objectives (Co-Chairs)

- Co-chairs provided introductions, committee overviews and purpose.

3. Programs Updates (Staff) – (see Session presentation)

- Damage Prevention Institute
 - DPI by the numbers
 - Peer review pilot program
 - Facility owner/operator metrics roll out – current DPI accredited organizations
- Data Reporting & Evaluation
 - 2023 DIRT Reporting by the numbers:
 - Steven Blaney provided update on preliminary 2023 DIRT reports including damage/near-miss totals, report sources, facilities affected, and root cause groups.
 - A survey of 811 Centers and state regulators on “mandatory reporting” was completed in February/March 2024. The goal is to include this information on the 811 Center dashboard.
 - DIRT 2.0 Update:
 - Single sign-on complete, next planned release is online entry of individual reports.
 - General discussion:
 - Slido surveys indicated that 80% of session participants share DIRT report within their respective organizations, 90% analyze data internally. Louis discussed the importance of digging into available data.

4. Data Reporting & Evaluation Updates (Staff)

- 2023 DIRT Report highlights
 - Topics for potential inclusion include establishing baseline year for 50-in-5, case studies of how data is used, late locate update, the importance of root cause, DPI.
- CGA Index progress update:
 - The Index will support benchmarking for the 50-in-5 initiative. First review on target for June.
- Locator Paper progress update: Three case studies to be included in report –
 - NC 811 (impact of improper ticket screening)
 - MA DPU (alternatives to fines for locating violations)
 - Google Fiber (large project coordination and ticket management)
- Root Cause flow chart and discussion:
 - The root cause flowchart is intended to be used as a tool when needed – not mandatory. It is intended to address most common scenarios and may not address every imaginable circumstance.
 - There are differences of opinion on how to cover situations where marks are present, but there is no “valid” ticket (ex: expired or using old marks from another excavator).

- Slido Survey regarding the draft flowchart – results indicated that a large majority of participants find the tool helpful and useful.
- **Committee Action Item:** Review the root cause flowchart included in the handouts and provide feedback to Trish Schoof (tschoof@commongroundalliance.com) by Friday, May 31.
- Upcoming Task Team opportunities:
 - Data Integrity and Quality TT (currently focused on root cause flowchart) and Index TT – both teams need members. Contact Steven Blaney if you can support either of these.

5. Additional DPI Metrics for Consideration for Stakeholders (Staff)

- Brooke conducted an interactive discussion regarding additional metrics, DIRT fields and profile information that could be considered for future DPI collection/analysis. Suggestions included, but are not limited to –
 - Excavation surface area
 - Scale-able/controllable damages/1000 tickets
 - Ticket density (#assets/ticket)
 - Use of leading indicators
 - Plain language
 - Market relationships
 - 811 boundaries
 - # of reports of near-misses by area
- **Staff Action Item:** Brooke will summarize all feedback from exercise and create a survey for prioritization.

6. Locator Metrics (Staff) – (See attachment)

- Reviewed the final draft. Comments:
 - Consider adding two additional fields for next generation of locator metrics – documentation and marking procedures.
 - Other suggestions for consideration included ticket volume, breakdown of reasons for tickets not marked, weather events.
- **Committee Action Item:** Locator metrics approved and submitted to DPI Advisory Committee for concurrence.

7. Review of Action Items and Next Steps (Staff)

8. Additional Open Discussion and Announcements (All):

- Discussion during the meeting regarding facility owners' responsibilities in hiring contractors for locating and/or excavating, the roles of communities where work is (or will be) happening, and the importance of understanding each other's challenges.

- Workforce/experience gaps are issues that the industry needs to face together.
- QC procedures for locators – in some cases, the only QC is excavator photos of work site – should this concept be pursued?
- Cross-bore field in DIRT, and the extent to which latent cross bores can be tracked through DIRT. Several state PSC's have asked regulated natural gas companies to NOT report those as damages. It was noted that latent cross bores may be reported as near-misses.

9. Upcoming Meetings & Events:

- the joint DIRT/DPI Metrics will meet as part of the CGA Summer and Fall Committee Summits. Details forthcoming.
 - Wednesday, July 24th in Nashville, TN
 - Tuesday October 29th in Las Vegas, NV

10. Meeting Adjourn

Appendix A

2024 DPI Metrics Committee Goals and Objectives

- **Goal:** Define how locator performance is measured.
 - **Objective:** Finalize and create a plan to roll out locator metrics.
- **Goal:** Enhance stakeholder metrics for each accreditation group.
 - **Objective:** Identify new metrics to layer into existing stakeholder metrics.
- **Goal:** Refine peer review outputs and process.
 - **Objectives:** Identify opportunities to showcase peer review learnings and confirm the plan to scale appropriately.

2024 Data Reporting & Evaluation Committee Goal and Objectives

- **Goal:** Drive data informed decision-making through the analysis and publication of data that effectively targets critical challenges and top root causes.
 - **Objective:** Collect, analyze, and publish data that directly targets critical challenges and top root causes.
 - **Objective:** Work with DPI Metrics Committee to identify opportunities and report on findings from DPI metrics analysis.
 - **Objective:** Publish paper / additional analysis on excavator-specific top root causes including failure to pothole and maintain clearance.
 - **Objective:** Publish paper on locating practices (top root causes) by end of Q1.
 - **Other 2024 objective ideas:**
 - Examine rush/insufficient notice tickets.
 - Work with OSCI to revisit late locates at 811 Center level.
 - Increase DIRT reporting from underrepresented stakeholders like water, sewer, electric.
 - Better define Telecom, CATV, fiber as facility affected and type of work.



Antitrust Compliance Statement

As a general matter, the antitrust laws prohibit competitors from any agreement, formal or informal, that may restrain trade unreasonably. This includes, but is not limited to, agreements on the prices they will charge, the customers they will serve, the markets or territories in which they will compete, or refusals to deal with business partners or competitors.

CGA members and meeting participants may compete with one another. Accordingly, at all meetings or gatherings of CGA members or participants, and at meetings of the CGA board, CGA, its board, its members and its meeting participants should refresh themselves with this antitrust compliance statement and abide by all laws, including antitrust laws.

At meetings, conferences, or other gatherings of CGA members and participants, whether in-person or electronically, there should be no discussion or disclosure of information with respect to the following:

- (a) competitor prices, costs, profits, premiums, surcharges, or discounts;
- (b) allocation of customers among competitors;
- (c) allocation of geographic or product markets among competitors;
- (e) any refusal to deal with a competitor, customer or supplier;
- (f) responses to the market behavior of a competitor by a competitor, or
- (g) any other discussion that could be the basis for an agreement to restrain competition or a topic involving a potentially anticompetitive practice.

It is not only your duty to follow this policy, but also to affirmatively stop any conversations on impermissible subjects and inform CGA staff.

Committee Meeting Sponsored By:



Damage Prevention Institute Locator Metrics (DRAFT)

Reporting Guidance

Monthly reports of damages and metrics data are due by the end of the following month (example: May reports are due at the end of June). Metrics should be submitted by state and by facility type.

Metrics

$$\frac{\text{On-Time Tickets}}{\text{Total Number of Tickets}}$$

Numerator:

Total number of locate tickets marked or cleared on time, by utility type, per state.

Denominator:

Number of locate tickets received in the month by utility type, per state (see definition of *locate ticket* below).

$$\frac{\text{Damages with Root Cause Related to Locating Issue}}{1,000 \text{ Locate Tickets Received}}$$

Numerator:

Damages with locator root cause attributable to:

Locating issue

Facility not marked due to:

- Locator Error*
- No response from operator/contract locator*

Facility marked inaccurately due to:

- Locator Error*

Denominator:

Number of locate tickets (see definition of *locate ticket* below) received in the month, divided by 1,000.

Information Reported by Locators Monthly by State and Utility Type

1. Total number of locate tickets marked or cleared on time, by utility type per state. For single tickets that include requirements for marking more than one underground facility, please count each facility separately.
2. Total number of locate tickets received, by utility type, per state: for single tickets that include requirements for marking more than one underground facility, please count each facility separately. This figure should include all locates whether worked in the field or cleared from the office.

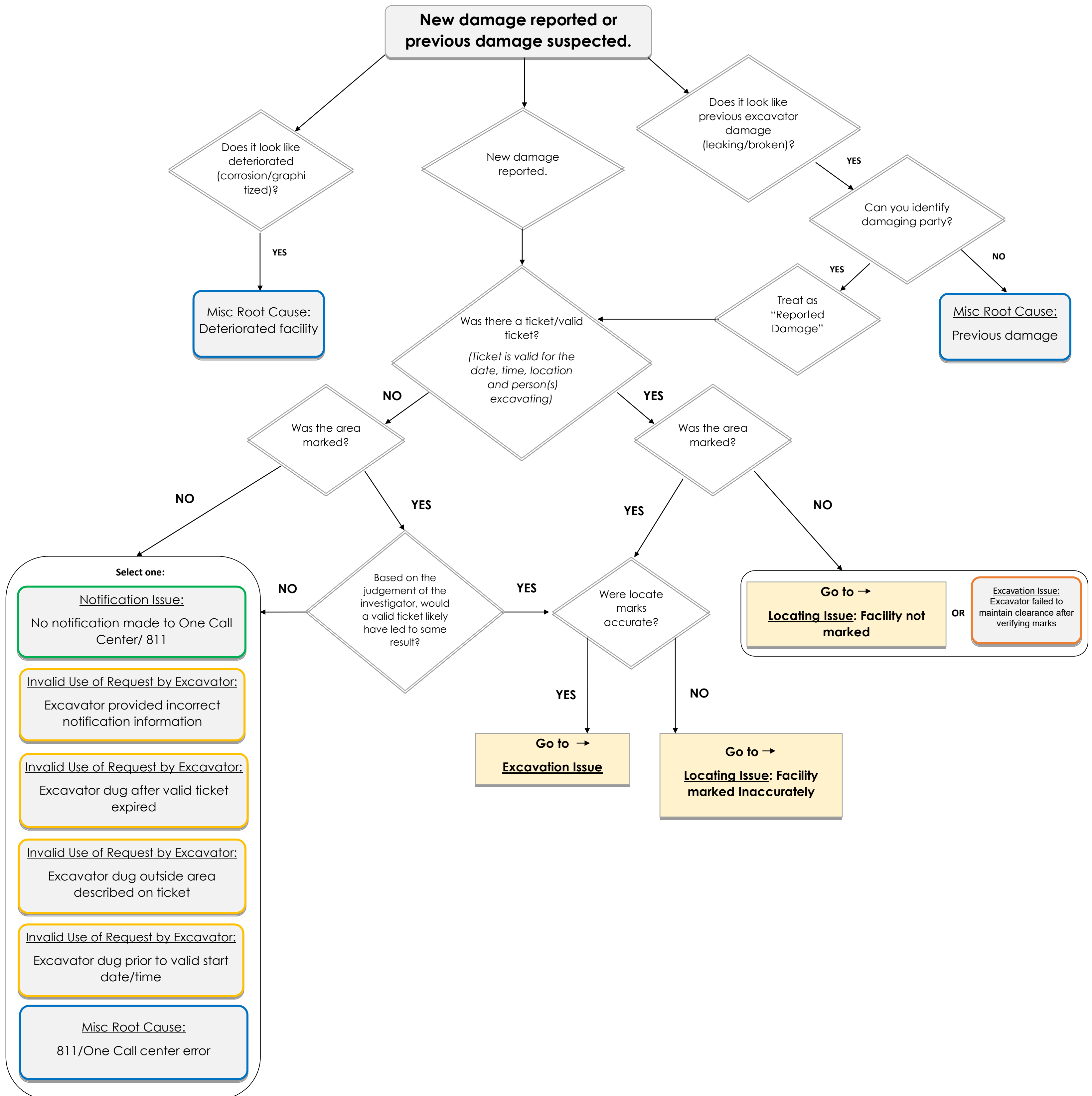
Definitions

Locate ticket: Each locate request issued by the 811 center with a unique identifier, excluding damage tickets, design tickets, or tickets that do not require a mark-out or clear. These include refresh/renewal tickets, even if the original ticket number does not change. For example, tickets #12345 and #12345-rev1 are counted separately. For single-locate tickets that require marking more than one underground facility type, count each facility type separately.

On-time locates: Those considered in compliance with the corresponding state law and/or regulatory requirements.

***DRAFT* DIRT Reporting Tool Part I - Root Cause Determination Flow Chart**

Root Cause: The predominant reason that the event occurred. (Best Practices) For purposes of the DIRT, the point where a change in behavior would reasonably be expected to lead to a change in the outcome, i.e. avoidance of the event.



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