9/28/21

# Operational Data Standard

## Streamlining transit operations through a common data language

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# Operational Data Standard (ODS): Streamlined transit operations

## ODS goals

**1** Create common standard for transit operational data

**2** Improve efficiency in dispatching, planning, scheduling, driver shift management, and other back-end transit operations

**3** Reduce the burden of generating transit operational data for FTA reporting

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# Agenda

## What we hope to cover today

- Working Group status
  - What have we done so far?
  - What's happened since meeting 2?
- Discussion: Drivers/Rostering
  - Comments
  - Open Questions
- Next Steps

# Working Group Status

**Group work to-date**

- Kicked off effort to release ODS v1 covering operational scheduling
- Scoped effort to include standard for drivers/rostering, yards/facilities, and runcutting/pull-in/pull-out
- Selected GTFS as framework for standardizing this data

# Working Group Status

## Since last meeting

- Proposal for GTFS Driver/Rostering released for comment
- First draft was open for comments between September 13 and September 24, 2021
- Cal-ITP has been responding to comments and proposing changes to draft in response

# Discussion

## Drivers/Rostering

- Drivers/Rostering is first of three planned additions for ODS
- Includes information about personnel to establish operator schedules in subsequent modules

# Discussion

## Feedback to First Draft

- Don't back-add info to existing files
- "Drivers" too limited
- Desire for clarity around use cases for employee data in proposal
- Add employee name to file
- Change seniority to be more flexible

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# Discussion

## Open Questions

- How to represent employees?
- Support for creating a new file
- Opposition to adding employee info through reference to existing files

# Discussion

## Open Questions

- How to re-designate drivers.txt?
  - "Roster," "Drivers," "Operators" all have limitations and/or overloaded meanings
- Suggested replacements:
  - personnel.txt
  - employees.txt

# Discussion

## Open Questions

- Should employee names be in file?
- Support for including name of employee in GTFS extensions
- Requires decision(s) about preserving security of personally identifying information

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# Discussion

## Open Questions

- Do we limit employees to drivers?
- Support for broadening category to include other on-board employees

# Discussion

## Open Questions

- How to distinguish between on-board employees?
- Proposals:
  - 1: String, agency decides how to identify individual employees
  - 2: Enum
    - a: binary (0, driver; 1, non-driver)
    - b: select from list (0, driver; 1, conductor; 2,...)

# Next Steps

## GTFS Drivers/Rostering 2nd Draft

- Comments fully incorporated based on today's meeting
- Second draft will be open for comment October 4

# Next Steps

## Meeting 4

- Scheduled for **October 19**
- We will be focusing on adding **yard/assets data**
- On October 4, we will distribute a GTFS extension proposal for yards, maintenance facilities and other assets
- Initial Comment period October 4 through October 15

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# ODS Working Group

Cal-ITP is convening mobility data stakeholders to develop a prototype ODS v1

**Join us!**

Contact: scott@compiler.la
Working Group FAQ: Click Here
Next meeting: October 19, 2021