Ferry Opal Assignment Model

1   Data Structure

Field Name	Data Type	Field Description
RUN_DATE	Date	The date of the trip (Ignore the timestamp)
ROUTE_DESC	String	Route name of the trip
DIRECTION	String	Direction in relation to the CBD Possible values: Outbound, Inbound
RUN_NUMBER	String	Identifier for Run (Trip identifier)
STOP_SEQ	Number	Stop sequence. 1 indicates the initial stop (starting stop)
TSN	Number	Transit Stop Number. A unique number identifying a stop or group of stops on the TfNSW network. It is made up of the post code of the suburb in which the transit stop is located and the next available sequential number. Note: 99999 is being used as the TSN for Circular Quay Wharf in this dataset.
LOCATION	String	Name of the wharf
LAT	Number	Latitude of the wharf
LON	Number	Longitude of the wharf
ROUTE_VARIANT_SCHEDULED	String	Route variant
ARRV_ACTUAL	Datetime	Actual arrival time
ARRV_SCHEDULED	Datetime	Scheduled arrival time
DEPRT_ACTUAL	Datetime	Actual departure time
DEPRT_SCHEDULED	Datetime	Scheduled departure time

Field Name	Data Type	Field Description
VESSEL_NAME	String	Name of the vessel
CAPACITY	Number	Total capacity of the vessel
OCCUPANCY_RANGE	String	Occupancy numbers grouped into range of 20. This is based on arrivals at the stop.

2   Notes

1. If the file has no data for the day, it may take up to 5 days for the data to be populated.

2. The legacy Ferry Opal Allocation Model (FOAM) will be replaced with a new Near Real Time (NRT) LOAM from the 26 August 2024.

   No structural changes have been made to the new NRT FOAM data feed. However, overall occupancy numbers (ranges) will vary from previous feeds due to the new allocation model, which will provide more accurate figures.