

Route Risk Assessment

Service N113 Haymarket to Ormiston East Coast Garage

Provide details of any identified problems/issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required			Summarise details & locations that justify the response	Likely impact of non-competent performance	Summary Controls operating for all services	Location specific awareness information/training provided to all drivers	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/OD/Drivers engaged in monitoring/improvement	(Task performed competently)			Other info / controls/ information or actions - please detail	Resultant route risk level		
Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable
Driver has sufficient visibility at any road junctions and/or roundabouts?	✓		Ormiston Main Street (right turn into Limeylands Road, Left turn into Limeylands Crescent, Left turn into Meadowbank), RH Turn into Willowbrae Road - fencing to n/s	Wrong route driven, contact with stationary objects, contact with other road users and pedestrians.	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, depot awareness poster & LB Roads Hotspots	YES	YES	YES	YES	2	1	3				3
The route is free from overhanging branches or (or potential) on the route?		✓	Meadowbank (overhanging trees) , Tranent jet garage (overhanging branches) terminal point Pencaitland	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, Driver reporting procedure for on route hazards, traffic circulars developed and information posted in garages, route driven by qualified PCV drivers, risk awareness incl LB Roads	YES	YES	YES	YES	2	1	3				3
Bus lanes bus / bus stops / roads appropriately defined & marked - Free from indiscriminate parking?		✓	St Andrews House Bus Stop (Road Markings), Abbeyhill Bus Stop (Indiscriminate Parking), Ormiston (Duration indiscriminate Parking), Jocks Lodge - euro bins may encroach onto roadway	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness, LB Roads	YES	YES	YES	YES	2	1	3				3
Road restrictions or traffic speed/control measures visible and can be traversed safely (e.g. road humps)?	✓		All measures clearly visible throughout the route.	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness LB Roads	YES	YES	YES	YES	2	1	3				3
Timings reflect any congestion issues	✓		Night service, timings may be impacted by city events (Edinburgh festival)	Driver speeding, vehicle damage, uncomfortable journey for passengers, Drivers not operating to schedules,	Qualified PCV drivers, risk aware, customer engagement awareness, trained to understand/read timeboards, Operating ahead of schedule, Lead Driver support at garage	YES	YES	YES	YES	2	1	3				3
Route (incl off service routes & normal diversions) suitable for all bus types?		✓	The route is suitable for all vehicle types, but has not been assessed for Tri-Axle (see below)	Wrong route driven, contact with stationary objects, contact with other road users,	Published service timetable, drivers have time board and AVL system within cab to inform when operating early/late, Qualified drivers, risk aware	YES	YES	YES	YES	2	1	3				3
Height restrictions (i.e. low bridges) etc on or close to the route?	✓		Service does not pass under any low bridges, however there are a number of low bridges near the service which may represent a danger if off route. These include: Restalrig Road South 3.6m - 11'-9"; Baileyfield Road 4.2m - 13'-9"; this is not an exhaustive list, Full details are contained on LB Roads and Low Bridge awareness materials.	Wrong route driven, contact with stationary objects, contact with other road users,	Route risk assessment, Low bridge awareness campaign, Driver route training also includes off service routes, Management awareness of low bridges on or close to route, LB Roads details all low bridges.	YES	YES	YES	YES	3	1	4	Route information held within control room and schedules. Control room have 'Live' visibility of all vehicles being used on all routes to minimise risk of vehicles colliding with a Low Bridge & INEO system being installed across full operational fleet to alert when off route - any/all incidents or near misses to be fully investigated and reported to Head of Operations/Head of Risk			4

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Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable
Bus stops, BSI and other fixed infrastructure far enough from kerb edges to allow safe entry / exit at bus stops?		✓	Abbeyhill bus stop (euro bins, bins), Eastfield bus stop (blocking junction), Musselburgh Police Station (Kassel Kerb, Bin), Tranent Police Station (bollards, lamppost),	Drivers not adhering to designated bus stops	Drivers trained in stopping patterns during route learning	YES	YES	YES	YES	2	1	3				3
Kerbs heights along route do not cause access problems for passengers? / vehicles or restrict vehicles that may be used		✓	Kassel kerbs at various stops throughout this route	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2				2
All roads used a public highways? (Access to private land must be with the permission of the landowner. Consideration to a site specific risk assessment should be given when appropriate eg site accessible by controlled access / driver changeover or breaks taken on site / reversing of vehicles is required (with or without banksman)	✓		All roads are public highways	Drivers make contact with Barrier, vehicle damage, Property Damage, company Reputation.	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3				3
There is no requirement for reversing of vehicles on the route?		✓	No reversing required in normal operation. If driver is required for unforeseen reasons to reverse, Control should be contacted to provide advice	Wrong route driven, contact with stationary objects, contact with other road users, driver reverses bus without banksman	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	2	3				3
Excessively high numbers of school children use this route?		✓	Night service operating between 00.00 - 04.30	Wrong route taken, contact with stationary objects, contact with other road users, customer complaints, company reputations. Low Bridge strike	Drivers must contact control when wrong route taken, Drivers should not be reversing buses on street, risk awareness	YES	YES	YES	YES	1	1	2				2
Any expected higher than normal volumes of pedestrians at particular times or days?		✓	Night service operating between 00.00 - 04.30	Wrong route taken, failure to pick up customers, customer complaints, company reputations. Increase in pedestrian accidents	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, road markings, signage, speed restrictions (20 mph)	YES	YES	YES	YES	1	1	2				2
Evidence of assaults / vandalism occurring on services in areas served		✓	No Evidence of assaults/vandalism . Night service may have revellers who may have consumed alcohol / drugs impacting their behaviour	Driver confronts youths, escalates the problem, passengers/driver at risk. Delayed service, Customer Complaints	Driven by qualified PCV drivers, risk awareness, Driver training, control room procedures, record and report to Police liaison officer, Bus assault alarm.	YES	YES	YES	YES	2	2	4	Vehicle design features include: Driver safety screen, radio and emergency alarms on all vehicles - additional measures - H&S Dept, Police liaison officer to monitor assault and vandalism data, increased levels of vandalism since 2022 & during school Hols. Control monitor, alert, respond, attend & divert services as necessary			2
Layover and WC facilities suitable and sufficient	✓		Facilities include Eastcoast Depot. Reduced availability at some locations due to time of operation	Driver unable to access toilet facilities	Driver issued a key to access toilets on route, agreement in place with council buildings for drivers to use facilities, Route Learning, LB Roads lists all WC Sites, Control will offer support if reqd.	YES	YES	YES	YES	2	1	3				2
Evidence to indicate high numbers of passengers with special needs / vulnerability and/or disabilities use this route?		✓	Night service tends to have low numbers of vulnerable passengers, although revellers may have consumed alcohol / drugs	Harsh braking events, rise in customer complaints, injuries and compensation claims	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, CPC continuous training	YES	YES	YES	YES	1	1	2				2
Bus lanes suitably marked, signed & wide enough for vehicles to use?	✓		All bus lanes marked and suitable for use	Drivers make contact with kerb stationary or other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, Report to Control.	YES	YES	YES	YES	2	1	3				3

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Route reviewed in dark and street and/or vehicle lighting levels considered suitable		✓	Route reviewed during daylight hours	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	Incidents & Driver reports monitored by Insurance and Garage management if there is an increased accident rate for services driving during darkness hours an assessment may be required	3		
All drivers have received both route and vehicle familiarisation training for this route and been advised of special arrangements for hazards identified?	✓		Full route training provided. New drivers will be supported by Lead Drivers. Video route is available on Lothian training "YouTube" channel. Vehicle training during initial training, on step up to DD & when new vehicle type introduced to garage	Wrong route driven, contact with stationary objects, contact with other road users, low bridge strike	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2		2		
Manual handling training given (ramp operation) Tick as appropriate	✓		Training given to all drivers on how to use manual ramp	Unable to serve disabled customers needs	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	All new drivers employed will be given vehicle familiarisation and ramp operation as part of their training	2		
Potential impact of adverse weather and access to gritting plans appropriately considered with outcomes communicated.	✓		Potential for route to be subject to ice / snow. All drivers trained & experienced in area with radios. Existing Control Room response procedures will apply. Gritting plans held within Control room	Driver operates vehicle in unsafe conditions	Services operate on main roads that are gritted any roads that are not cleared or driveable services will be curtailed or stopped	YES	YES	YES	YES	2	1	3	Control monitor weather & respond accordingly to conditions. Gritting plans retained within control.	3		
Is the route approved for rear door operation and Tri-axle vehicles and suitable? Tick as appropriate		✓	Tri-Axle bus has not been assessed and should not be used until full assessment is completed	Wrong route driven, contact with stationary objects, contact with other road users,	Route risk assessment, Low bridge awareness campaign, CPC courses, Driver route training also includes off service routes	YES	YES	YES	YES	3	2	5	Vehicle specific RRA required prior to use of Tri- Axle on this service to ensure vehicle can safely traverse route & mid doors can be deployed at all bus stops.	5		
All other route specific risks identified and controlled?	✓		All risks identified and controlled throughout the route.	Staff, customers put at risk, company property damaged(buses), company reputation	H&S dept. company risk assessments, route risk assessments	YES	YES	YES	YES	1	1	2		2		
Assessors: Pat Toner										Date: 3rd September 2024						
Approved by: Walter Herring, Murdo McKinnon										Date: 3rd September 2024						

Note - For risk levels that are Undesireable or Intolerable additional control measures or action should be taken/considered to reduce the risk to Tolerable so far as reasonably practicable