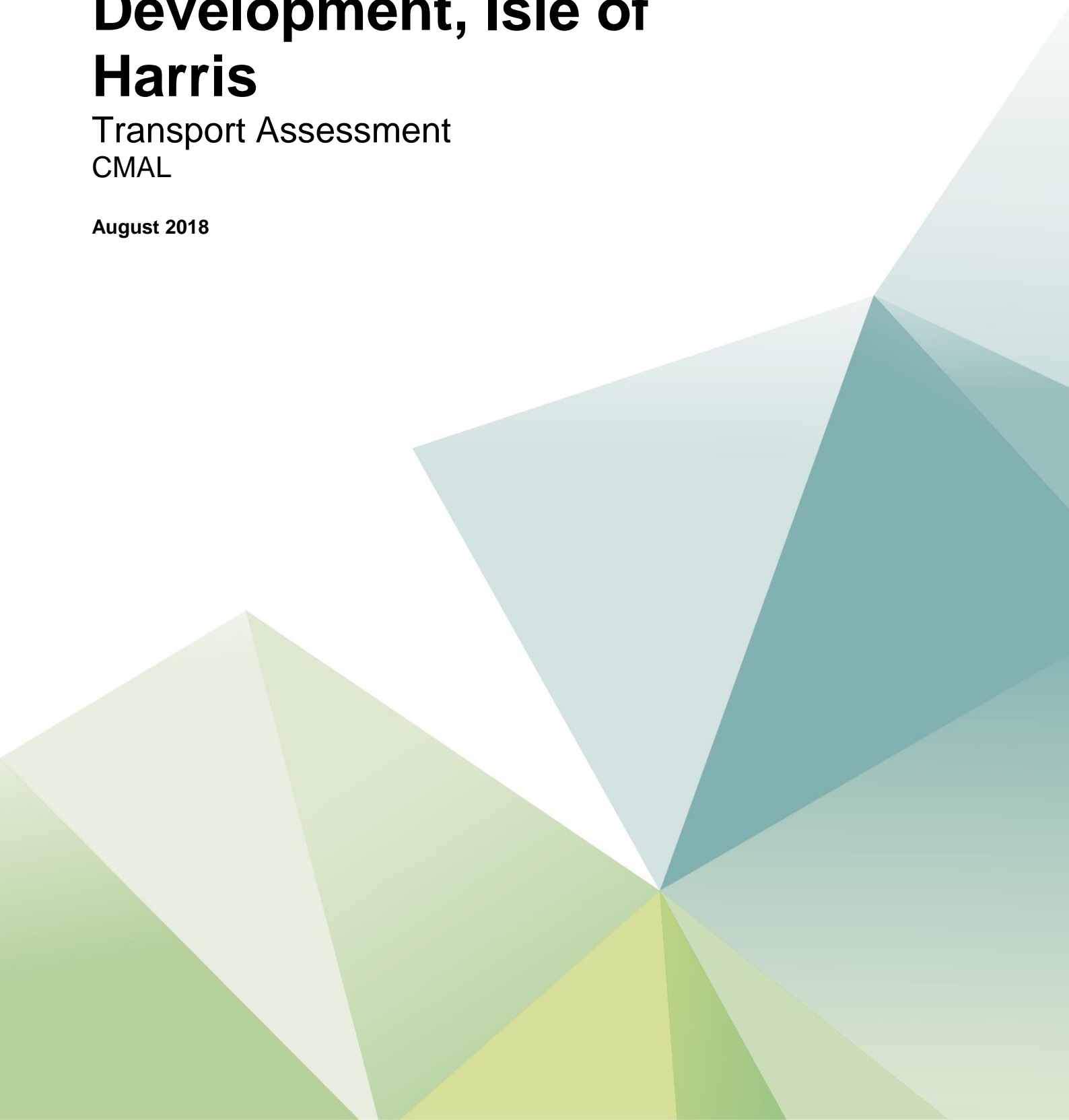


Tarbert Ferry Terminal Development, Isle of Harris

Transport Assessment
CMAL

August 2018



Notice

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Executive summary

Introduction

Atkins has been commissioned by Caledonian Maritime Assets Ltd (CMAL) to undertake a Transportation Assessment to support a proposed Harbour Revision Order (HRO) associated with the proposed Ferry terminal redevelopment and harbour extension at Tarbert Harbour, Isle of Harris.

Summary of development proposals

The proposed development will consist of the extension of the harbour to accommodate a larger dual fuel ferry which will be capable of carrying up to 135 vehicles and 1000 passengers. To facilitate the new dual fuel ferry, it is proposed to upgrade the existing harbour as follows;

- Pier reconstruction and extension;
- Terminal Building demolition and reconstruction;
- Pier fendering; and
- Marshalling and carpark extension by reclamation.

Summary of assessment methodology

This Transport Assessment (TA) has been prepared in line with current published guidance – “*Development Planning Management Transport Assessment Guidance 2012*” (Transport for Scotland, 2012). It also takes due cognisance of the Chartered Institute of Highways and Transportation (CIHT) document “*Traffic Impact Assessment*” (1994) as well as current Scottish transportation and planning policy documents.

Summary of key findings and recommendations

Key findings and recommendations from review of sustainable modes

The site benefits from a reasonable level of accessibility by non-car modes of transport with access to public transport, cycling and pedestrian networks available as follows:

- Footway connections to Tarbert;
- Good Public Transport (Bus);
- Good Cycling Linkages (NCN 780); and
- Ferry (Tarbert to Uig, Tarbert to Lochmaddy)

Key Findings from Traffic Impact Analyses

The proposed redevelopment is predicted to result in a marginal increase in vehicle movements on the surrounding road network for the majority of the year with a slight increase anticipated in the summer months which coincides with the busy tourist period. Whilst an increase in traffic is forecast, the roads considered in the study area currently operate significantly below their respective theoretical design capacity and therefore are predicted to operate satisfactorily.

The existing site operates a Traffic Management Plan (TMP) which has been updated to reflect the redevelopment proposals. Staff on-site actively monitor any queueing associated with the loading of vehicles for sailings to ensure that there is no blocking back along the Marshalling Access Road. To further improve vehicle throughput the redevelopment proposals consist of:

- A new roundabout access junction to facilitate all movements;
- A new two-sided kiosk situated 40m into the Marshalling Area to improve queueing capacity and vehicle loading throughput; and
- An increase in the capacity of the Marshalling Area by circa 75%.

1. Introduction

Background

- 1.1. Atkins has been commissioned by Caledonian Maritime Assets Ltd (CMAL) to undertake a Transportation Assessment in relation to a proposed Harbour Revision Order (HRO) associated with the expansion of the Tarbert Harbour on the Isle of Harris. (See **Figure 1-1**). The Lewis and Harris Isles have a population of approximately 20,500 people with approximately 12,000 residing in the main town of Stornoway. During the summer months, the isles experience a relatively high number of tourists.

Figure 1-1 Site Location



- 1.2. The redevelopment consists of an upgrade to the existing harbour to enable it to support a new dual fuel ferry. The purpose of the new ferry is to provide increased vehicle and passenger transport capacity to access the island.
- 1.3. Tarbert Ferry Terminal is located on the Isle of Harris and is shown in **Figure 1-2** (Appendix A). Tarbert is the main community on the island of Harris with the ferries utilising the terminal to provide the shortest link between Harris and Uig on Skye which provides onward road linkages to the Scottish Mainland. The Ferry service operates a triangle route between Tarbert – Uig – Lochmaddy. The existing ferry is capable of carrying 98 vehicles and 612 passengers.

Figure 1-2 Tarbert Harbour



Description of Re-Development Proposals

- 1.4. The proposed redevelopment consists of extending the harbour to accommodate a larger dual fuel ferry which will be capable of carrying up to 135 vehicles and 1000 passengers. To facilitate the new dual fuel ferry it is proposed to upgrade the existing harbour as follows:

- Pier reconstruction and extension;
- Terminal Building demolition and reconstruction;
- Pier fendering; and
- Marshalling and carpark extension by reclamation.

Scoping Background

- 1.5. Atkins held Transport Assessment Scoping discussions with Comhairle nan Eilean Siar (CnES)) on the 13th December 2017. Scoping Note is provided at Appendix B. The following key points were agreed/discussed;

- The proposed study area network was agreed to consist of the following;
 - Marshalling Access Road;
 - Main Street;
 - A859; and
 - Pier Road.
- Consideration of the peak season should be included.
- There are no committed developments to be included within the TA.
- The TA should consider the interaction between the proposals and the existing accesses with the Distillery, Harris Tweed Shop and the marina, which are located to the west of the site off the Marshalling Access Road;
- Consideration of queuing activity at loading and disembarking times should be presented;

- The TA should provide clarification on the Traffic Management of the Marshalling area;
- Consideration should be given to the operation of the proposed roundabout especially during loading and disembarking from the ferry. Consideration of any potential impacts should ferry traffic not be able to access the marshalling area when arriving for bookings;
- The TA should also consider the Pick-up/ drop-off area on Pier Road, and how pedestrian and vehicles interact in this area;
- Consideration should also consider the impact of any displaced parking and the interaction of pick up / drop-off at the new terminal;
- The TA should consider the Scottish Governments 'A long Term Vision for Active Travel in Scotland 2030' and how these could be potentially be incorporated into the design of the site; and
- The TA should also consider the impact of construction traffic whilst maintaining an operational port at Peak Times (May to August). This should take account of Main St, Pier Road and the Sir E Scott Primary/secondary school on the A859 (with assessing whether construction traffic movements require restrictions during school arrival and departure times).

Structure of this document

- 1.6. This TA has been produced in line with the Transport Assessment Guidance set out by Transport Scotland in 2012.
- 1.7. Following this introductory Section this TA is structured as follows:
- **Section 2** provides an outline of the transport and planning policy context for the development proposals;
 - **Section 3** summarises the existing traffic ferry operations;
 - **Section 4** summarises the existing Ferry traffic activity;
 - **Section 5** summarises the baseline traffic conditions on the road network;
 - **Section 6** summarises the sustainable transport modes;
 - **Section 7** details the development proposals and the proposed ferry activity;
 - **Section 8** Provides an Impact assessment of the proposed development;
 - **Section 8** Outlines the existing Road Safety Conditions;
 - **Section 9** summarises the Construction Traffic Management Plan; and
 - **Section 10** Summary and Conclusions.

2. Transport Planning Policy and Context

Introduction

- 2.1. As part of this TA, a review has been undertaken of the relevant transportation and land use planning policies. This review has been undertaken to ensure that the development proposals are in line with, and support, the objectives of relevant policies.

Transportation Policy Context

- 2.2. Cognisance will be taken of the current published transport policy and the general guidance notes currently applicable for such assessments. These include:
- National Transport Strategy;
 - Regional Transport Strategy;
 - The Transport Strategy for the Highlands and Islands 2008 – 2021;
 - HITRANS Regional Transport Strategy, Draft May 2017;
 - SPP17 Planning for Transport, 2010;
 - PAN 75: Planning for Transport 2005; and
 - Development Planning Management Transport Assessment Guidance 2012.
- 2.3. Whilst we note that the HITRANS Regional Transport Strategy is still in draft, we propose to take cognisance of the general principles outlined in this strategy document.

National Transport Strategy

- 2.4. The National Transport Strategy (NTS)¹ was published in 2006 with five high level objectives to:
1. Promote economic growth;
 2. Promote social inclusion;
 3. Protect our environment and improve our health;
 4. Improve safety of journeys; and
 5. Improve integration by making journey time planning and ticketing easier.
- 2.5. The NTS is currently under review and a finalised NTS is due to be released in the summer of 2019.

National Roads Development Guide

- 2.6. The National Roads Development Guide has been produced for the Chief Officers of Transport in Scotland. It is designed to accommodate Local Authority variances, such as parking standards or road details. These local departures are intended to be easily identified and accessed.
- 2.7. This guide provides details on:

¹ <https://www.transport.gov.scot/our-approach/strategy/national-transport-strategy/>

- Public Transport for new Developments;
- Pedestrian Provision;
- Cycling Provision;
- Development Layout and Design; and
- Parking standards.

Regional Transport Strategy

- 2.8. The Regional Transport Strategy (RTS) 'A Catalyst for Change' 2008-2021² sets out the Strathclyde Partnership for Transport (SPT) vision including the transport goals, objectives and priorities. The RTS sets the scope to work towards four key aims:
1. Improved Connectivity;
 2. Access for all;
 3. Reduced emissions; and
 4. Attractive, Seamless, Reliable travel.
- 2.9. The SPT gives particular priority to the following objectives:
- Plan and provide a 'step change' for bus services, standards and infrastructure;
 - Revitalise the subway network;
 - Improve cross city and cross region links on strategic corridors; and
 - Improve sustainable connectivity for business and freight.
- 2.10. A significant priority of the RTS to this TA is to encourage modal shift to sustainable modes and to promote 'smarter choices' travel planning and active travel. These priorities will help to develop the economy, promote social inclusion and improve general health.

The Transport Strategy for the Highlands and Islands 2008 – 2021

- 2.11. HITRANS³ was established as one of the seven Scottish Regional Transport Partnerships in December 2005 as part of The Transport Scotland Act 2005. This requires Transport Strategies to enhance economic well being; promote safety, social inclusion and equal opportunity; plan for a sustainable transport system; and integrate across boundaries with other Partnerships.
- 2.12. The strategy and objectives are set out in **Figure 2-1**.

² http://www.spt.co.uk/wmslib/Documents/RTS/catalyst_for_change.pdf

³ https://hitrans.org.uk/Documents/Regional_Transport_Strategy.pdf

Figure 2-1 Strategy Vision and Objectives



HITRANS Regional Transport Strategy Draft 2017

- 2.13. The HITRANS RTS is still in draft form however, it seeks to build upon the 'The Transport Strategy for the Highlands and Islands 2008 – 2021'. The RTS vision is *"To deliver connectivity across the Highlands and Islands which enables sustainable economic growth and helps communities to actively participate in economic and social activities"*.
- 2.14. The main objectives of the Strategy are to:
- Support sustainable economic growth across the region; and
 - Reduce barriers to participation in employment, learning, social, leisure, health and cultural activities.
- 2.15. It aims to achieve these aims through:
1. Improving/maintaining the safety of transport and travel;
 2. Tackling capacity constraints across the network; and
 3. Improving the quality, accessibility, affordability and integration of travel.
- 2.16. Whilst we note that the HITRANS Regional Transport Strategy is still in draft, we propose to take cognisance of the general principles outlined in this strategy document.

Scottish Planning Policy: SPP17 Planning for Transport, 2010

- 2.17. This Scottish Planning Policy (SPP) replaces NPPG9 The Provision of Roadside Facilities on Motorways and Other Trunk Roads in Scotland, NPPG17 Transport and Planning, and SPP17 Transport and Planning Maximum Parking Standards Addendum to NPPG17. The policy focusses on the interaction of accessibility, transport and the development strategy in the planning process. The policy highlights that land allocations should take account of transport opportunities and impacts alongside consideration of;
- economic competitiveness;
 - social justice;

- environmental quality; and
- design objectives.

PAN 75: Planning for Transport 2005

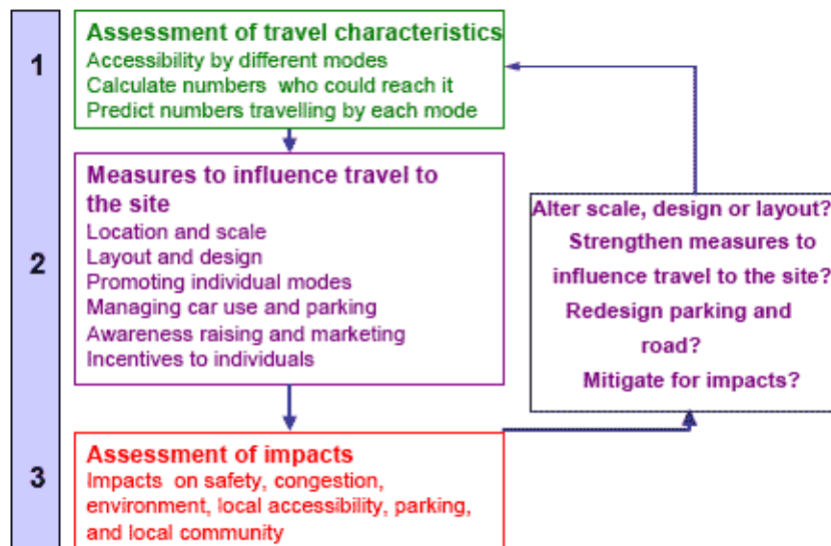
- 2.18. This Planning Advice Note 75 (PAN 75) accompanies SPP17 Planning for Transport. The PAN provides good practice guidance which planning authorities, developers and others should carry out in their policy development, proposal assessment and project delivery. The document aims to create greater awareness of how linkages between planning and transport can be managed.
- 2.19. PAN 75 sets out in accordance with SPP17 what is required as part of a transport assessment which producing significant travel generating developments. Transport Assessment is a tool that enables delivery of policy aiming to integrate transport and land use planning.

Development Planning Management Transport Assessment Guidance 2012

- 2.20. Transport Scotland released updated Transport Assessment (TA) Guidance⁴ in 2012 for development proposals in Scotland in line with the above policy documents. The TA guidance document sets out requirements according to the scale of the development and provides the key areas where details of the development need to be assessed which include:
- Existing Conditions including the road network, existing traffic flows and sustainable transport facilities;
 - Accessibility to and from the site by various modes;
 - Details on how to promote access on foot and bike;
 - How the developments transport requirements will integrate with existing transport networks; and
 - The level of parking being provided for the site.
- 2.21. Key stages of a Transport Assessment are detailed in **Figure 2-2**:

Figure 2-2 Key Elements of a Transport Assessment

⁴ https://www.transport.gov.scot/media/4589/planning_reform_-_dpmtag_-_development_management_dpmtag_ref_17_-_transport_assessment_guidance_final_-_june_2012.pdf



- 2.22. Although the scale of development does not require a full Transport Assessment (TA). The TA has been used as a mechanism to explain the change in development characteristics.

Summary

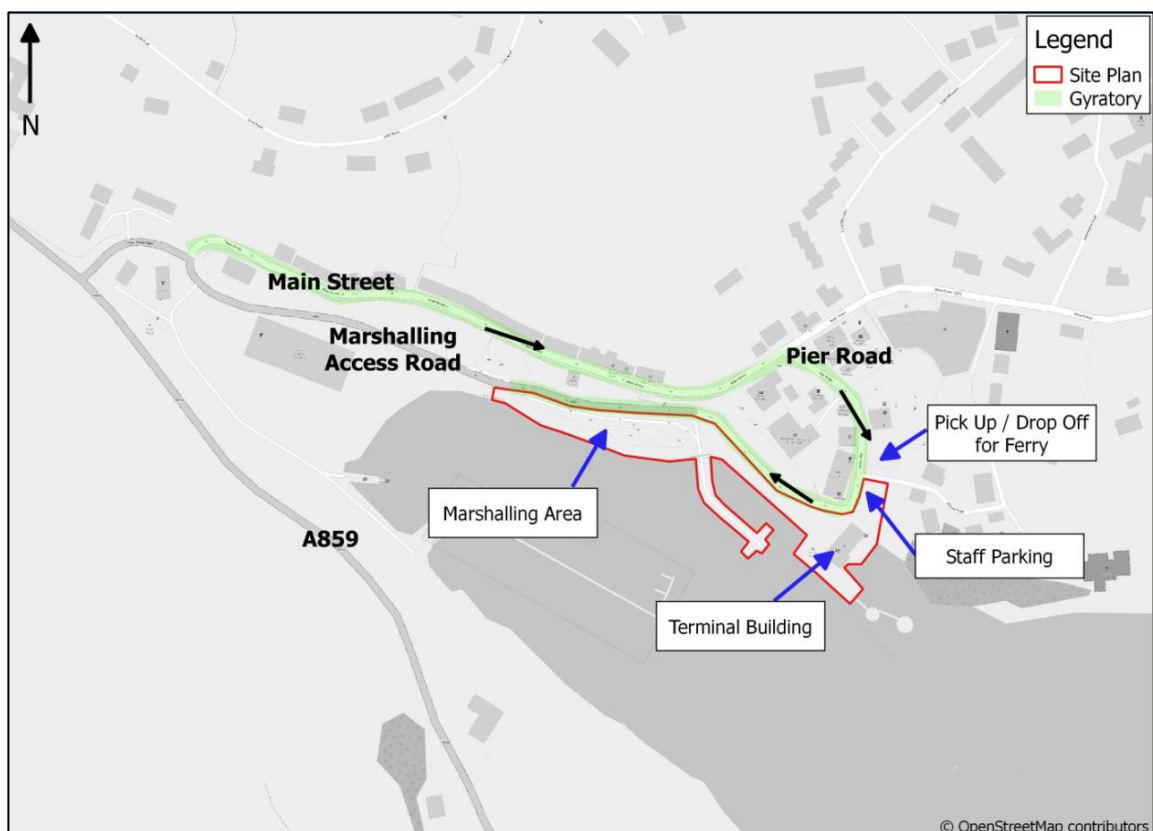
- 2.23. This TA has been prepared taking cognisance of the above policies and guidance notes.

3. Existing Ferry Operations

Overview

- 3.1. Tarbert Ferry Terminal is located on the Isle of Harris. Tarbert is the main community on the island of Harris with the ferries utilising the terminal to provide the shortest link between Harris and Uig on Skye which provides road linkages to the Scottish Mainland. The Ferry also provides a further link to Lochmaddy. The existing ferry is capable of carrying approximately 98 vehicles and 612 passengers.
- 3.2. **Figure 3-1** illustrates how the ferry terminal is accessed via the Marshalling Access Road, situated off the A859 which acts as the main road between Harris and Lewis. The town has a one-way system along Main Street which forms a clockwise gyratory with Pier Road to the Ferry terminal.

Figure 3-1 Site Plan



- 3.3. Parking is currently provided adjacent to the existing ferry terminal along Pier Road as follows:
- Staff Parking (3 no. spaces);
 - Public car park owned by CnES, which can be used as Pick up and drop off for the ferry which consists of 53 car parking spaces;
 - Disabled Parking (approx. 5 no. spaces); and
 - 6 coach parking spaces as shown in **Figure 3-2**.

Figure 3-2 Pier Road



Access

- 3.4. The Marshalling Access Road provides direct access to the Marshalling Area as shown in **Figure 3-3 and 3-4**. This road is a two-way road and bypasses the centre of the village for traffic arriving from the A859. At the entrance to the marshalling area vehicles must give-way to traffic using the one-way system.

Figure 3-3 Marshalling Access Road



Figure 3-4 Marshalling Area Access



- 3.5. At present all vehicles arriving at the marshalling area do so via the Marshalling Access Road. Vehicles are not permitted to go through the village via the one-way system and access the marshalling area via a left turn – a ‘no left turn’ sign is place (**Figure 3-5**). Despite the presence of the ‘no left turn’ sign a small number of vehicles have been observed as making this movement. Should vehicles arrive from the east along Pier Road they either have to make a three point turn on the Marshalling Access Road or turn at one of the nearby car parks. The proposed access roundabout (discussed later in this report) will facilitate the left turn in from Pier Road and thereby improve traffic flow and progression.

Figure 3-5 Marshalling Area ‘No Left Turn’



- 3.6. The Ferry loading ramp is located 100m to the West, which provides access to the Ferry via the marshalling area. The existing Marshalling Area can accommodate approximately 100 vehicles which are separated into designated lanes by Ferry/Marshalling staff according to vehicle type/size.
- 3.7. The operation of the ferry terminal is undertaken in accordance with the Traffic Management Plan (TMP) and are summarised as follows;
- The Marshalling Area gate will open at least 2 hours before the departure of the ferry.
 - Check in normally opens 2 hours before scheduled sailings and closes 45 minutes before scheduled sailings so the majority of traffic arrive within a 1 hour 15 minute period. In the summer months, which coincides with the peak travel season, the marshalling area for the 11:50 sailing opens 3 hours before the sailing to enable the processing of the higher demand during this period;
 - Vehicles queue along the Marshalling Access Road to gain access to the marshalling area;
 - Staff actively monitoring any queueing along the Marshalling Access Road and will open the gate early if required;
 - Staff advise drivers which lane to park in (1-7) depending on vehicle type;
 - Loading passes are reviewed,
 - Vehicles wait for the ferry; and
 - The disembarking vehicles leave the ferry and travel along the one-way marshalling road towards the A859.
- 3.8. The existing Traffic Management Plan is provided at Appendix C.
- 3.9. Through discussions with terminal operational staff, it was confirmed that traffic activity associated with the ferry is actively monitored through the principles and procedures contained in the TMP which includes monitoring queueing levels at the marshalling gate. Staff advised that they were unaware of any significant or excessive queueing even during the busy summer tourist period. They confirmed that should a scenario such as this exist, they open the gate earlier and commence check in early. This is similar to the procedure currently in place for the 11:50 summer crossing which has been identified as requiring the gate to be opened three hours in advance as opposed to the standard two hours.

Signage and Road Markings

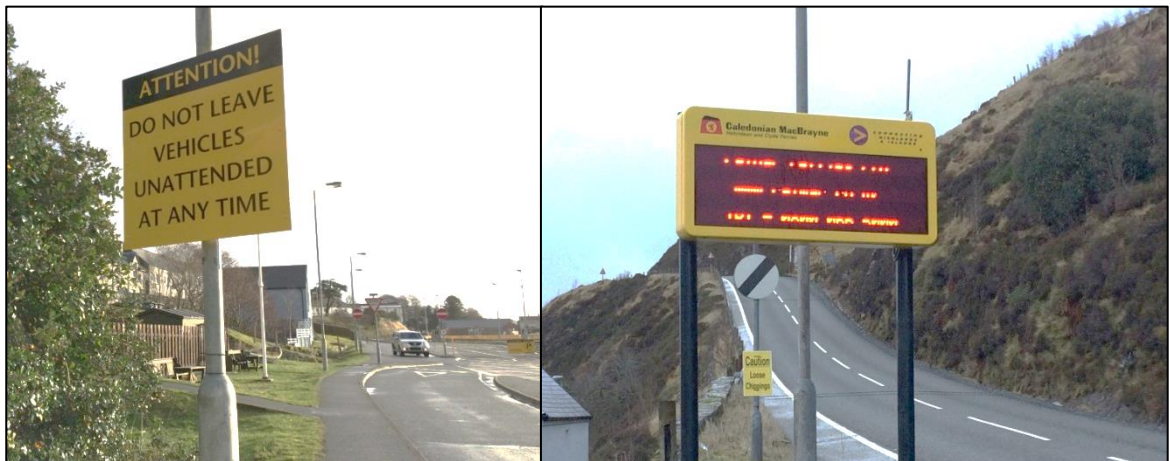
- 3.10. The routes into Tarbert are sign posted and give clear direction to passengers arriving to load the ferry. Signage is also provided for vehicles departing the ferry. At the Main Street / A859 junction, the road into the village directs ferry related traffic to the Marshalling Access Road via white lining as shown in **Figure 3-6**. Information is also provided via the CalMac website (www.calmac.co.uk).

Figure 3-6 Signage and Lane markings



- 3.11. Signage is also provided on the A859 and along the Marshalling Access Road as shown in **Figure 3-7**.

Figure 3-7 Signage



4. Existing Ferry Activity

Introduction

4.1. This section provides a summary of the existing ferry activity and has been informed from the following datasets:

- CMAL Ferry Historical Data 2016 & 2017;
- New Traffic Survey data 2018 collected in February 2018.

CMAL Ferry Historical Data 2016 & 2017

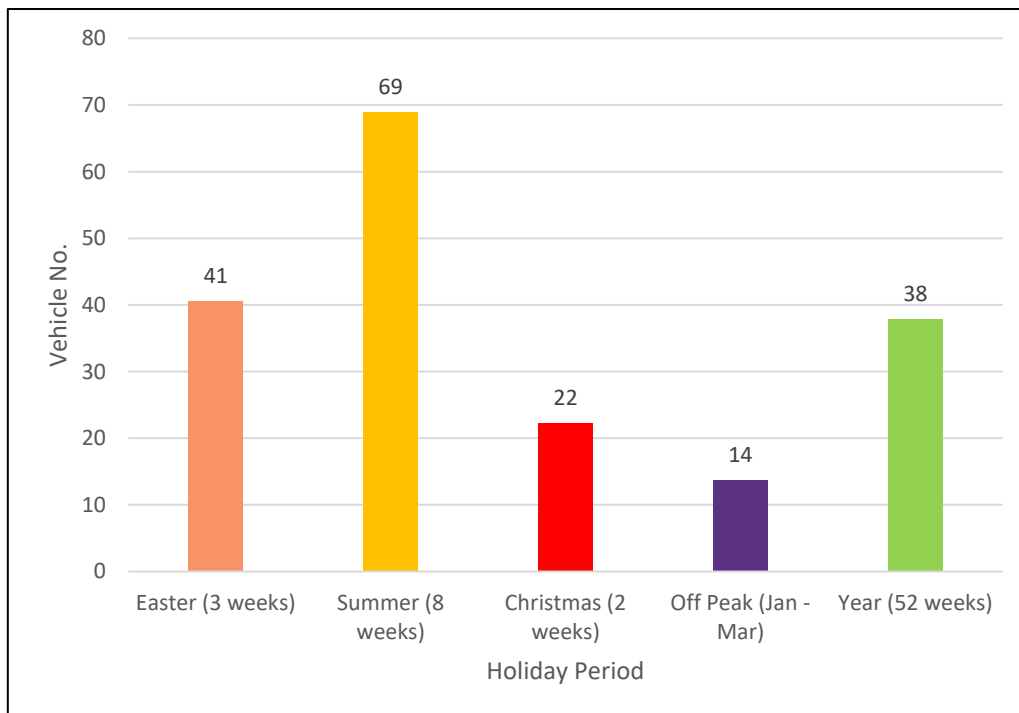
4.2. CMAL provided loading data, for 2016 and 2017, to provide an understanding of the existing ferry operations. As previously outlined, Tarbert and the associated ferry operations are subject to seasonal variations which are largely driven by tourist activity. To better understand these local characteristics the historical data was classified into the following time periods:

- Easter 3 weeks
- Summer 8 weeks
- Christmas 2 weeks
- Off-peak 13 weeks

Seasonal Fluctuations

4.3. **Figure 4-1** presents the average recorded vehicle loadings using the ferry for each sailing throughout the above seasonal periods year.

Figure 4-1 Average vehicle loadings per sailing by season



4.4. **Figure 4-1** shows;

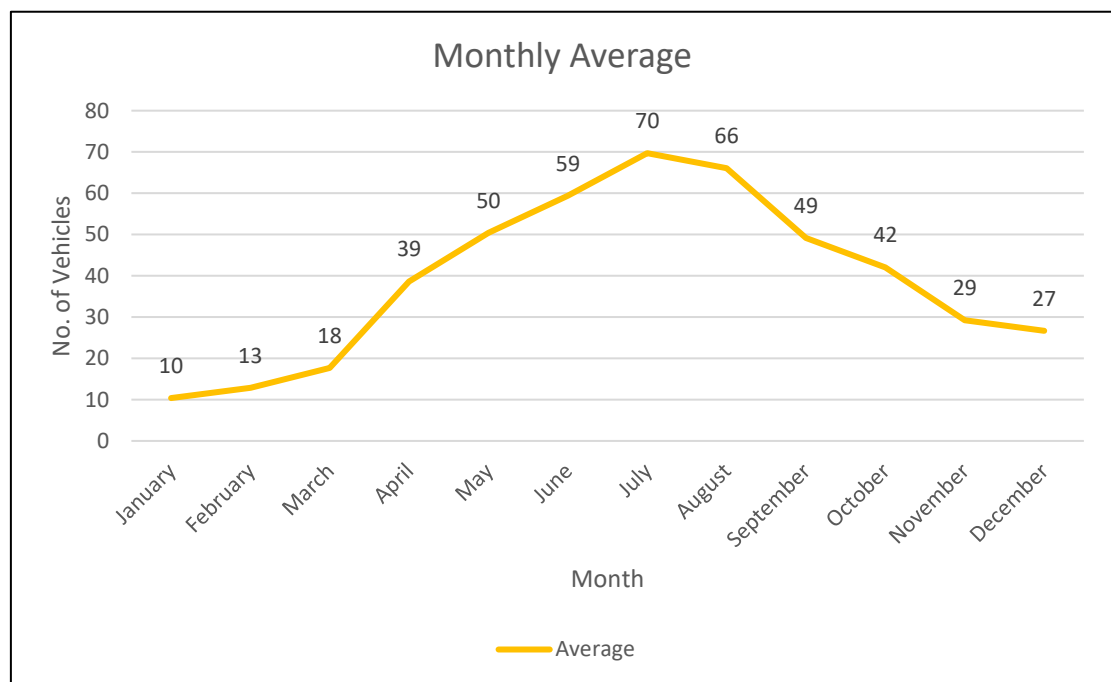
- Analysis of the data has shown that the ferry operations fluctuate between the seasons.
- Summertime (July to August) was 31 vehicles higher than the yearly average;
- Christmas was on average 16 vehicles less than the yearly average; and
- Off peak was on average 24 vehicles less than the yearly average.

Monthly Fluctuations

4.5. As previously outlined, the traffic surveys were undertaken during January and February which is consistent with the off-peak season. Analysis of the historical data was therefore undertaken of the ferry loadings on a month by month basis to gain an understanding as to how the traffic survey period compared with the rest of the year.

4.6. Figure 4-2 highlights the average ferry loadings per sailing across the period of a year.

Figure 4-2 Average Ferry Loadings per Sailing by Month



4.7. **Figure 4-2** shows;

- The summertime has on average 60 more vehicles than January (Survey dates);
- The highest average number of vehicles recorded on the crossings was in July (70 vehicles) with the lowest crossing recorded in January (10 vehicles).

Recorded Mode Split by Season

4.8. The CMAL Ferry Historical Data was further integrated to gain an understanding of the vehicle mode types which currently use the ferry. **Table 4-1** presents the average modal split of the sailings by Season.

Table 4-1 Ferry Traffic Modal Split

Season	Total No. of vehicles by mode				% Modal Split			
	Car	Com Veh	Coach	Total	Car	Com Veh	Coach	Total
Easter (3 weeks)	5,077	77	10	5,164	98.3%	1.5%	0.2%	100%
Summer (8 weeks)	26,206	208	179	26,593	98.5%	0.8%	0.7%	100%
Christmas (2 weeks)	1,413	31	1	1,445	97.8%	2.1%	0.1%	100%
Off Peak (Jan - Mar)	6,957	335	9	7,301	95.3%	4.6%	0.1%	100%
Year (52 weeks)	85,645	1,529	507	87,681	97.7%	1.7%	0.6%	100%
Average	25,060	436	141	25,637	97.7%	1.7%	0.6%	100.0%

4.9. **Table 4-1** shows:

- During the summer months there is an increase in the portion of cars using the ferry with 98.5% using this mode compared with the yearly average of 97.7%; and
- The yearly average shows that 97.7% of traffic is private cars with 1.7% of vehicle commercial vehicles.
- The results show that the modal split changes throughout the seasons with an increase in commercial vehicles in the off – peak season. This is to be expected with the decrease in the number of tourists.

2018 Traffic Survey

4.10. Surveys of the ferry loading and disembarking were undertaken at the same time as the traffic surveys. The results of the surveys are summarised in **Table 4-2**, raw survey data is provided at Appendix D;

Table 4-2 Ferry Operations

Surveyed Sailing (Tarbert to Uig)							
	Tues 30 th Jan PM	Wed 31 st Jan AM	Wed 31 st Jan PM	Fri 9 th Feb AM	Fri 9 th Feb AM	Sat 10 th Feb AM	Sat 10 th Feb PM
No. of Vehicles Landings	12	0	17	0	24	19	31
No. of Vehicles Loading	0	22	13	19	10	21	0

4.11. **Table 4-2** shows that;

- The busiest sailing was the Saturday PM sailing with 31 vehicles disembarking (approximately 32% occupied); and
- The sailing with least vehicles on load was the Wednesday PM sailing with 13 vehicles loading (Approximately 13% occupied).

- 4.12. We noted that the surveyed loading and landings compared well with the 2016 and 2017 historic data provided by CMAL.
- 4.13. The maximum queueing activity recorded along the Marshalling Access Road was on Friday PM with 6 vehicles recorded waiting on the marshalling area gate. The vehicles generally starting queueing in front of the gate from approximately 1 hour before the gate opening time. Once the gate was opened the queue quickly clears. A full breakdown of the vehicle queues are provided at Appendix D.
- 4.14. Observations from the surveys recorded that it takes approximately 20-30 seconds for each vehicle to enter the Marshalling Area and park in the designated lane.
- 4.15. A limited number of Vehicles were also observed preforming a U-turn manoeuvre at the gate to the ferry while the gate was closed and parking in nearby car parking.

5. Baseline Traffic Conditions

Introduction

- 5.1. This section provides an overview of the existing transport conditions in the vicinity of the harbour, which will represent the 'baseline' for the TA. Information on the existing conditions in relation to non-car modes i.e. walking, cycling and public transport can be found in section 6 of this document.

Background Traffic Surveys

- 5.2. A new traffic data collection exercise was undertaken to inform the analysis within this transport assessment. The surveys were undertaken between 9th & 10th February 2018 by Streetwise Data Collection Services (an independent traffic survey specialist) supplemented with surveys undertaken by Atkins staff during the site visit. Raw data is provided at Appendix D.
- 5.3. The following datasets were collected with the locations highlighted in **Figure 5.1**:

Automatic traffic counts (29th Jan – 11th Feb):

1. A859 (N);
2. A859 (S);
3. Main Street;
4. Pier Road;

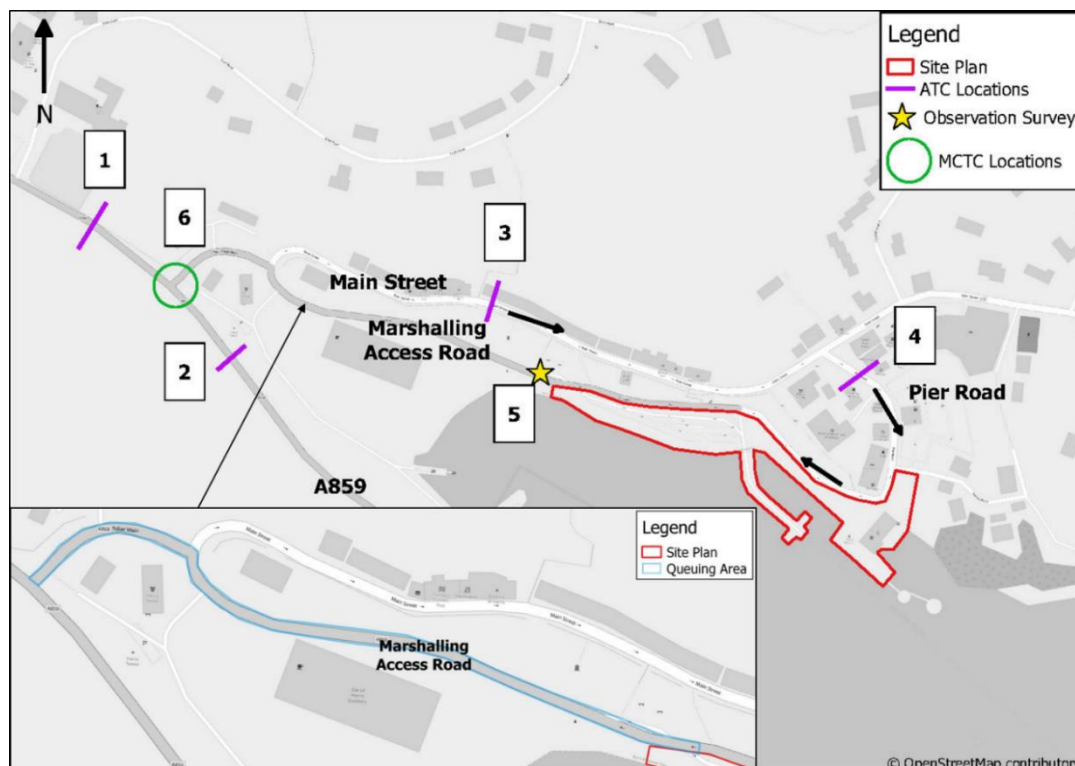
Landing and Shipping Observational Surveys (30th & 31st Jan, 9th & 10th Feb):

5. Marshalling Access Road (Observational Survey);

Manual Classified Turning Count Surveys (9th & 10th Feb):

6. A859 / Main Street (Manual Classified Turning Count).

Figure 5-1 Survey Locations



5.4. **Figure 5-2** presents a summary of the average daily traffic flow and for comparison the busiest single hour at each of the surveys locations.

Figure 5-2 Two- Way traffic flows (January/ February 2018)

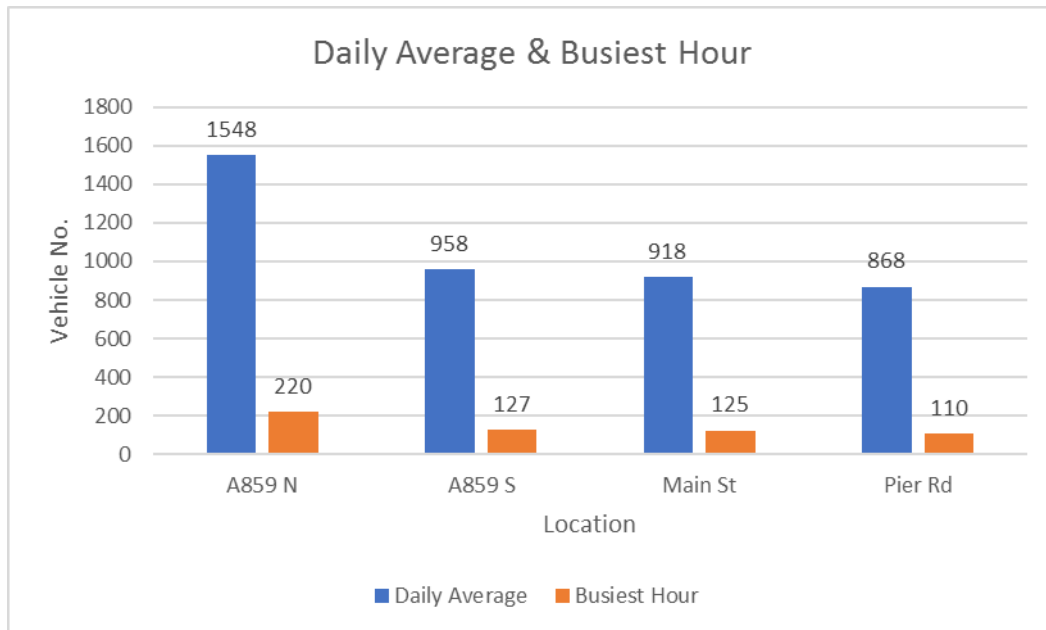


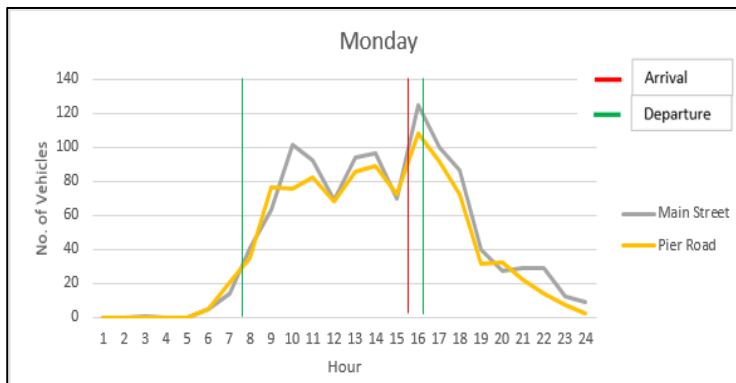
Figure 5-2 shows that;

- The single busiest hour traffic flow through Tarbert was under 130 vehicles per hour recorded on Main Street (16:00 – 17:00) and Pier Road (17:00 – 18:00);
- The flow on the A859 North of Tarbert is 61% greater than the flow on the A859 to the South of Tarbert.

5.5. Site 1 (A859N) and 2 (A859 S) are located on the A859 on the outskirts of Tarbert. Therefore, to understand the effect of the ferry on Tarbert, the hourly traffic flows per day at Site 3 (Main Street) and Site 4 (Pier Road) were compared against the ferry arrivals and departures.

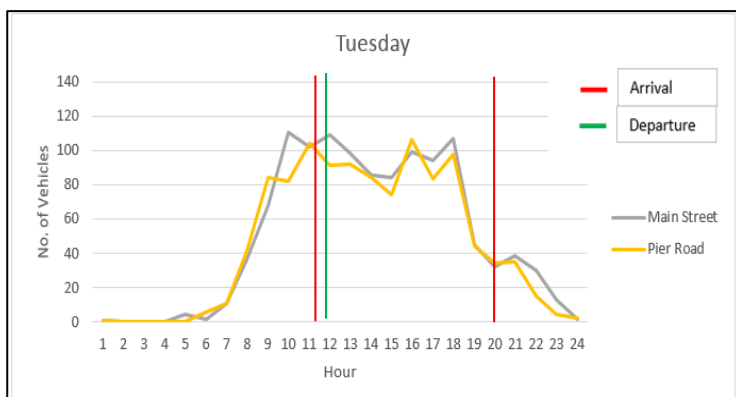
5.6. **Figure 5-3** shows the average week flows against the arrival and departure times of the ferry.

Figure 5-3 Average Tarbert Village two-way flows with ferry arrivals and departures times overlaid (February 2018)



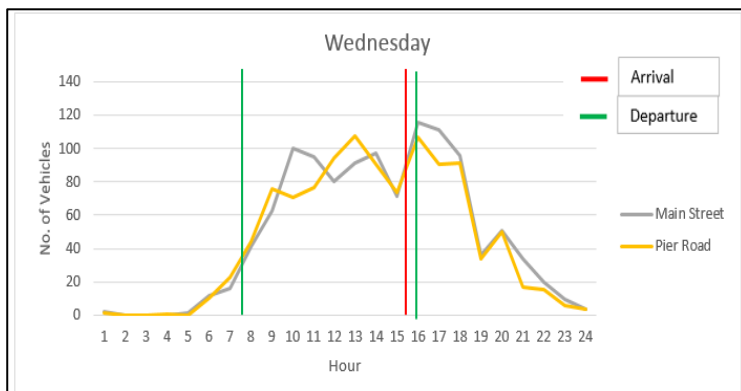
Monday

- Morning Arrival
 - minimal traffic observed going through Main Street.
- PM Arrival/ Departure
 - 20% increase in traffic activity associated Ferry Sailing



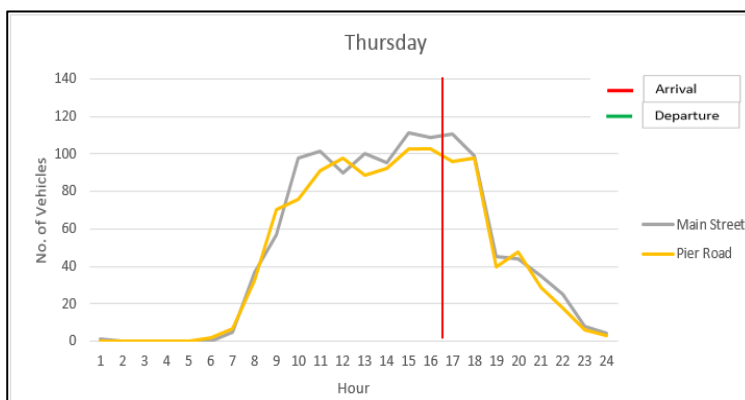
Tuesday

- Morning Arrival/ Departure
 - Traffic flow consistent with volumes observed between 16:00-19:00.
- PM Arrival/ Departure
 - minimal traffic observed going through Main Street



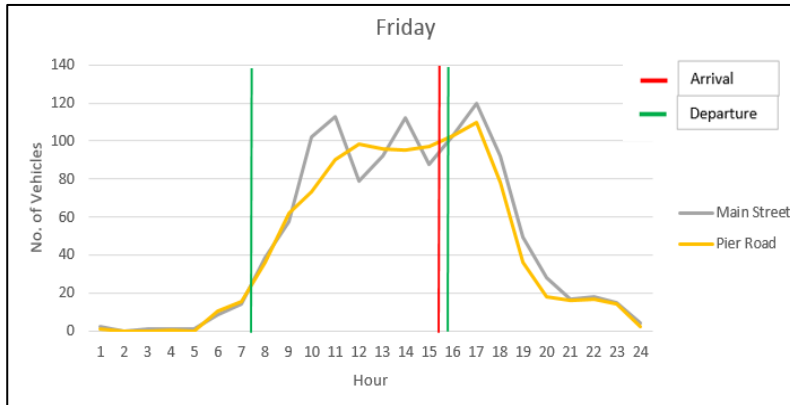
Wednesday

- Morning Arrival
 - minimal traffic observed going through Main Street.
- PM Arrival/ Departure
 - 18% increase in traffic activity associated Ferry Sailing



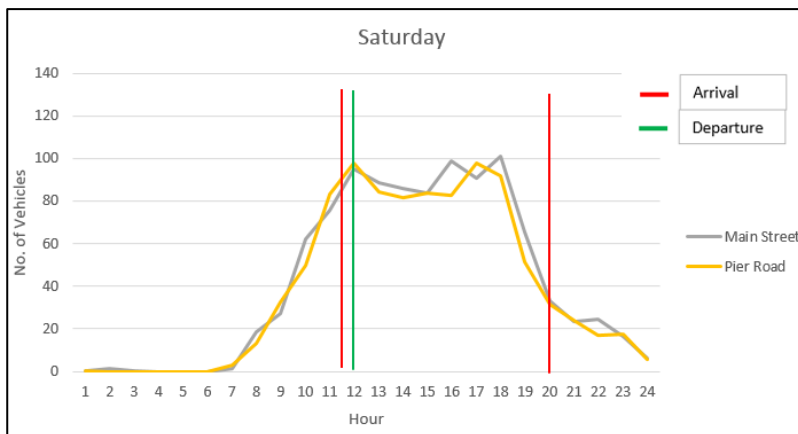
Thursday

- No Morning Ferry
- PM Arrival
 - 15% increase in traffic activity associated Ferry Sailing



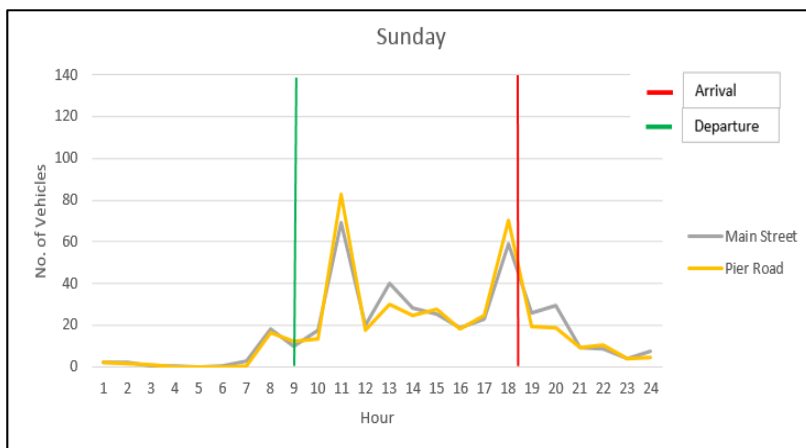
Friday

- Morning Arrival
 - minimal traffic observed going through Main Street.
- PM Arrival/ Departure
 - 20% increase in traffic activity associated Ferry Sailing



Saturday

- Morning Arrival/ Departure
 - Traffic flow consistent with volumes observed between 16:00-18:00.
- PM Arrival/ Departure
 - minimal traffic observed going through Main Street



Sunday

- Morning Departure
 - minimal traffic observed going through Main Street.
- PM Arrival
 - 50% increase in traffic activity associated Ferry Sailing. Consistent with 10:00-12:00.

Parking Provision

5.7. Parking is provided at a number of locations throughout Tarbert as follows:

- 2 no. public car park locations;
 - Pier Road Car park– consisting of 53 parking spaces, 1 disabled bay and 6 no. bus / coach parking bays; and
 - Marshalling Road Car Park – consists of 7 car parking bays.
- On-Street parking available along Pier Road (approx. 7 no. spaces), Marshalling Access Road (3 no. Disabled Spaces and bus parking) and Main Street (Approx. 45 no. spaces);
- Electric Parking space located at the ferry terminal; and
- Harris Distillery has a large car park which can accommodate up to 75 vehicles. The car park signage advises no over-night parking

6. Access by Sustainable Modes

Introduction

- 6.1. This section presents a review of the accessibility to the development site by non-car modes i.e. walking, cycling and public transport. The review of sustainable modes is in line with TA best practice guidelines and underlying transportation (and land use) policy which stipulates that new development must offer a realistic choice of access by walking, cycling and public transport.

Access for Pedestrians

Overview

- 6.2. The proposed development is located in Tarbert, off Marshalling Access Road (A868). The development is in close proximity to Main Street and A859. The site benefits from a relatively good level of existing pedestrian infrastructure. This section provides an overview of existing and proposed pedestrian facilities in and around the site.

Pedestrian Catchment Area

- 6.3. The catchment area for walking – the place where pedestrians can reach from the development in a set time has been established by identifying a distance of 1 km (a journey time of approximately 12 minutes) in each direction from the site access as set out in the Transport Assessment Guidelines. **Figure 6-1** shows the catchment area for walking from the development site

Figure 6-1 Walking Catchment Area



6.4. The walking catchments presented in **Figure 6-1** have been taken to the extent of the existing footway network. The existing footways provide connections to a number of main pedestrian attractors within a 1km walking distance as recommended by CIHT guidelines. These include:

- Sir E. Scott Primary School;
- Newsagents;
- Local stores;
- Hotel Hebrides;
- Harris Hotel;
- Isle of Harris Distillery;
- Harris Tweed and Knitwear; and
- Hotel Hebrides

Existing Pedestrian Facilities

- 6.5. Atkins undertook a site visit on 30th January – 1st February to review existing travel characteristics. Pedestrian access to the development site was reviewed at this time and an audit of the existing facilities was undertaken. The audit has been restricted to the main pedestrian walking routes.
- 6.6. Pedestrian infrastructure and facilities are generally good with dropped kerbs located at crossing points to ensure safe crossing. There is a pedestrian access from the Marshalling Access Road which connects to Pier Road and Main Street. The pavements around Tarbert are generally in good condition with dropped kerbs at crossing points and are typically 2m in width as shown in **Figure 6-2**.
- 6.7. High quality street lighting is also present along all streets within the vicinity of the site.

Figure 6-2 Pedestrian Footways



Proposed Pedestrian Facilities

- 6.8. The development site will provide pedestrian footways along the Northern Section of the Marshalling Area, adjacent to the Marshalling Access Road. This which will provide direct access to the terminal building. The footway will be provided to DMRB standard.

Access for Cyclists

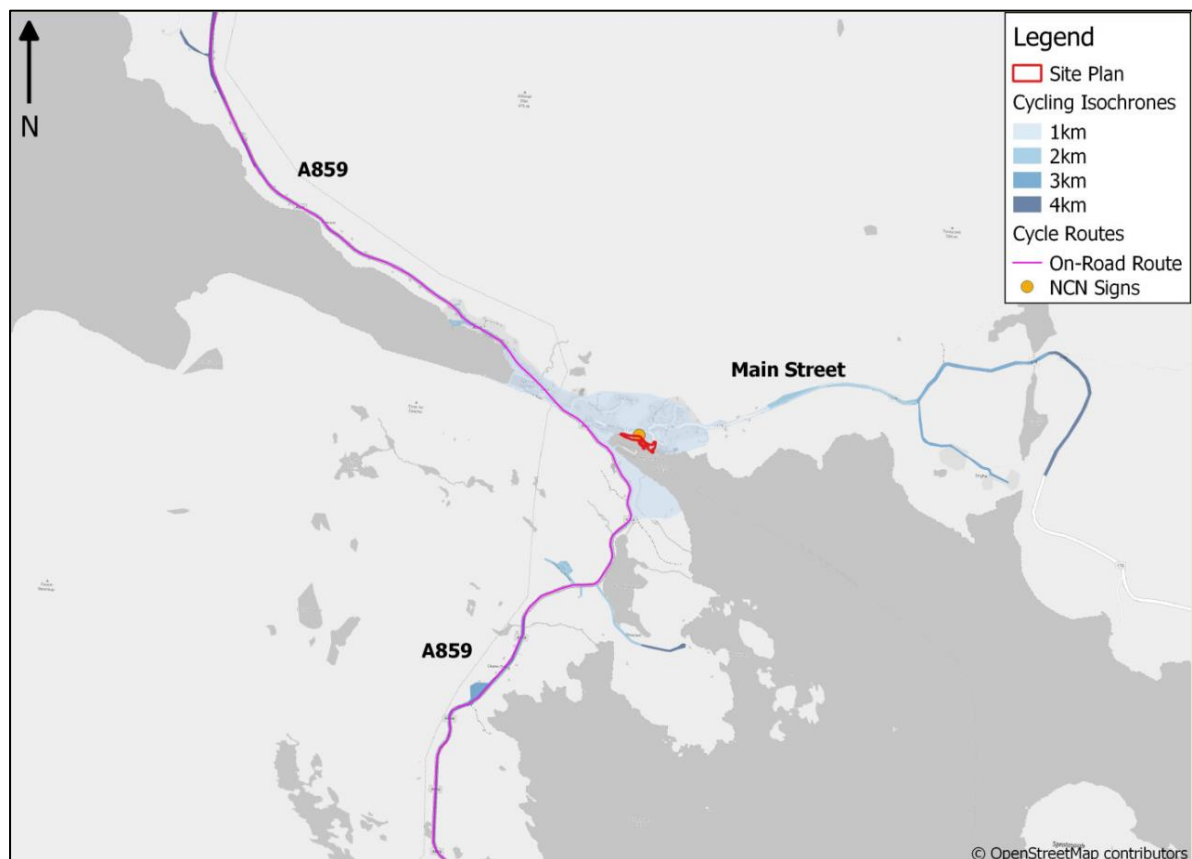
Overview

- 6.9. Cycling is an effective mode of transport for short trips and this section provides an outline of existing and proposed cycling facilities in the vicinity of the development.

Cycling Catchment Area

- 6.10. The catchment area for cycling (the place from which cyclists could reach the development within a set time) was established by identifying a distance of 4km (a cycling journey of approximately 20 minutes) in each direction from the main access of the proposed development.
- 6.11. **Figure 6-3** illustrates the catchment area for cycling to/from the redevelopment site.

Figure 6-3 Cycling Catchment Area



- 6.12. The 4km cycling catchment area includes access to a number of local facilities including Tarbert village centre.
- 6.13. **Figure 6-3** also shows the National Cycling Network (NCN) 780 (Vatersay – the Butt of Lewis) is within close proximity to the site.

Existing Cycling Facilities

- 6.14. There are no formal cycle facilities such as cycle lanes and cycling parking in the area surrounding the development although Tarbert is frequented by cyclists using the ferry and it benefits from low vehicle speeds (Average observed speed of 27.5mph (Feb 2018)) and traffic volumes which facilitates a more cycle friendly environment. Signage on the Marshalling Access Road shows that it is identified as part of the Hebridean Way 780 cycling route. This route travels through the islands of the Outer Hebrides from the Island of Vatersay to the northernmost point in Lewis. Passing the ferry terminal provides access to the Scottish mainland.

Proposed Cycling Facilities

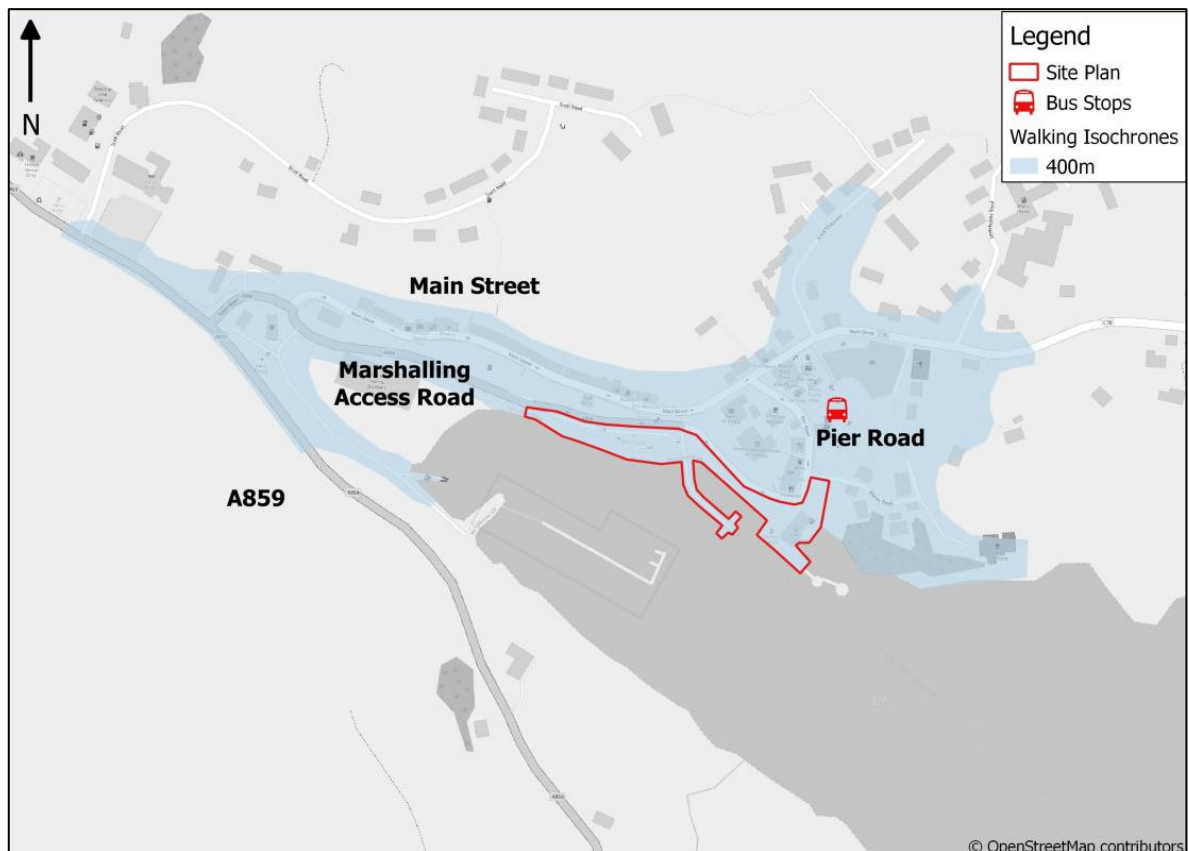
- 6.15. Cycle parking will be provided at the ferry terminal, as well as separate cycling loading area within the marshalling area.

Access by Public Transport

Existing Bus Routes and Stops

- 6.16. The CIHT publication 'Planning for Public Transport in Development' states that *"the maximum walking distance to a bus stop should not exceed 400m. These distances are quoted for guidance, and should not be followed slavishly if that would lead to complex or indirect bus routes."*
- 6.17. The closest bus stop to the terminal is on Pier Road approximately 50m from the site **Figure 6-4** shows;

Figure 6-4 Bus Facilities



- 6.18. The remainder of this section provides further information in relation to existing public transport facilities identified in the site audit and a desktop review which has also been undertaken of the services that currently serve the surrounding area.

Existing Bus Services

- 6.19. **Table 6-1** summarises 5 services that operate within the 400m walk catchment. Additional Service information is provided at Appendix E.

Table 6-1 Summary of Bus Services

Season	Route	Service	Daily Frequency
Winter (23 rd October 2017 – 29 th March 2018)	Rodel - Leverburgh - Tarbert - Balallan - Stornoway	W10	Approx. every 2 hours
	Stornoway - Tarbert - Maaruig - Rhenigidale	W11	Approx. 2 per day
Summer (30 th March 2018 – 22 nd October 2018)	Tarbert - Clasmol - Amhuinnsuidhe - Hushinish	W12	Approx. 3 per day
	Leverburgh - Rodel - Stockinish - Tarbert	W13	Approx. every 2 hours
	Scalpay - Tarbert - Stornoway	W14	Approx. every 2 hours
	Borrisdale/Strond - Leverburgh - Tarbert/Stornoway	W15	Approx. 2 per day

- 6.20. **Figure 6-5** presents the bus stop situated within the car park located on Pier Road.

Figure 6-5 Bus Stop Location



Existing Ferry Services

Table 6-2 summarises the services operated by Caledonian MacBrayne Hebridean and Clyde Ferries between Uig and Lochmaddy

Table 6-2 Summary of Ferry Services

Service	Frequency	Summary of Route
Uig - Tarbert	1-2 services per day	Uig – Tarbert / Tarbert - Uig.
Uig - Lochmaddy	1-2 services per day	Uig – Lochmaddy / Lochmaddy - Uig.

Access for Persons with Restricted Access or Mobility Impairments

- 6.21. Facilities for persons with mobility impairment will be incorporated into the development proposals. These facilities include dropped kerbs and tactile paving at all crossing points within the development.

Summary

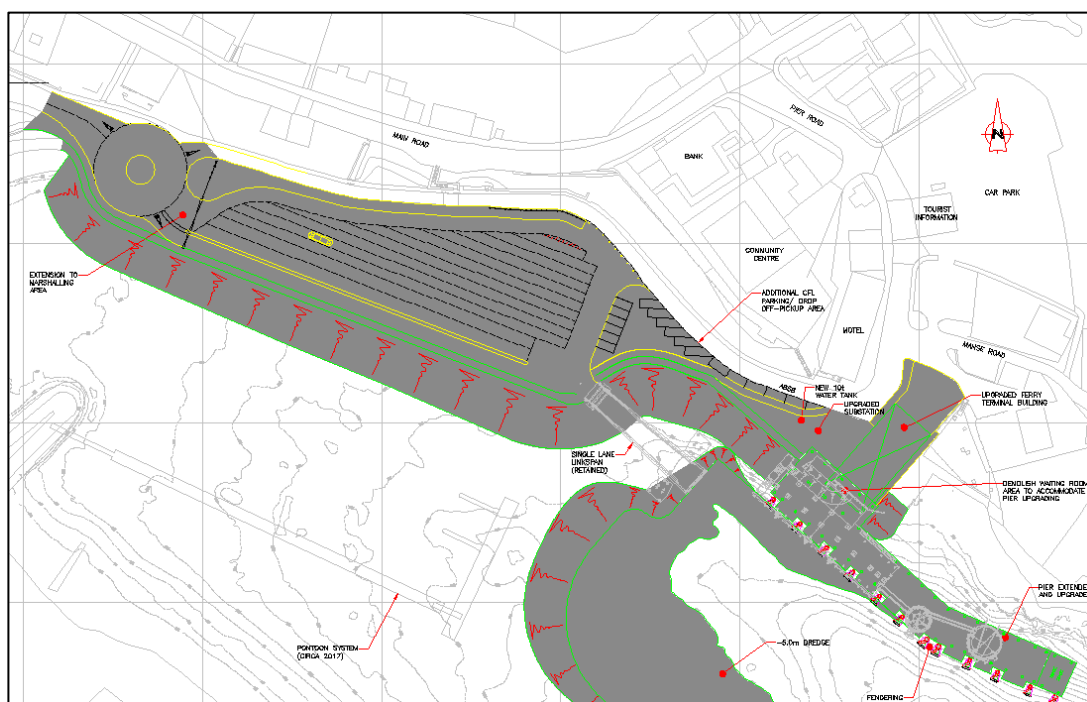
- 6.22. A summary of the site's accessibility is set out below:
- The existing pedestrian facilities in the local area are of a good standard with dropped kerbs and street lighting present;
 - Cycle provision in the surrounding area is considered to be of a good standard and there is a NCN Route (780) which are located close to the proposed development;
 - There are 5 bus services that operate within 400m walk catchment of the site;
 - As part of the re-development proposals, a footway along the Marshalling Access Road will be provided direct access to the terminal building; and
 - Cycling parking facilities will be provided at the terminal building.

7. Development Proposals

Overview

- 7.1. The development proposal consists of the extension of the harbour to accommodate a larger dual fuel ferry which will be capable of carrying approximately 135 vehicles and 1000 passengers. To facilitate the new dual fuel ferry, it is proposed to upgrade the existing harbour as follows (detailed at Appendix F);
- Pier reconstruction and extension;
 - Terminal building demolition and reconstruction;
 - Pier fendering; and
 - Marshalling and carpark extension by reclamation.
- 7.2. The proposed extension of the marshalling area will tie in to the existing marshalling area and linkspan which will be able to accommodate 197 vehicles.
- 7.3. A proposed roundabout will also be constructed at the entrance to the marshalling area along the Marshalling Access Road as shown in **Figure 7-1**.

Figure 7-1 Proposed Site Plan



- 7.4. The revised parking will accommodate 6 no. additional spaces for drop/off pick up located along the Marshalling Access Road. This area will be linked to the terminal by a footway. Pick up and drop off will be maintained from the existing public car park, with signage and routing showing access along the footways to the terminal building.
- 7.5. The staff car parking is currently situated beside the terminal building and provides 6 spaces for the 6 staff which are generally present on a daily basis. Following a review of operations these spaces will be retained as part of the redevelopment of the terminal building, with 6 staff parking spaces located to the West of the terminal building.
- 7.6. The layout of the marshalling area will be improved to allow for better organisation of loading vehicles. The proposals will also provide a benefit to vehicles disembarking the ferry with the

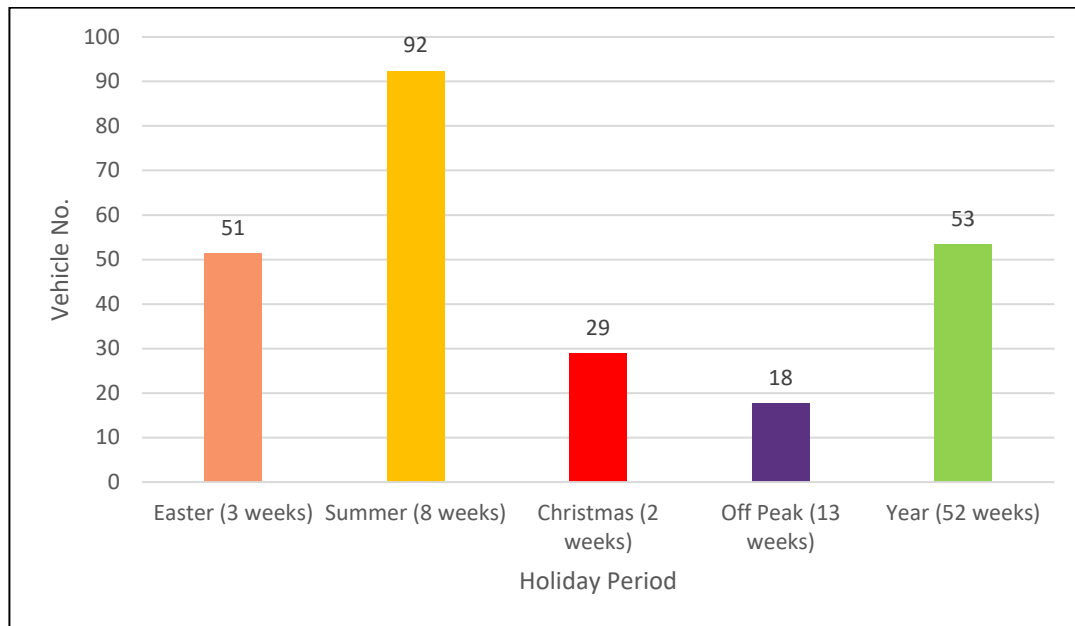
provision of a straight exit lane from the linkspan which will ease the movement of larger vehicles onto the Marshalling Access Road.

- 7.7. The proposed marshalling area has circa 75% greater vehicle capacity than the current marshalling area and 46% greater capacity than the new Dual Fuel Ferry capacity. This means that under normal operation (i.e. for all seasonal periods with the exception of the peak sailings experienced during the summer months), the marshalling area will never be full. The rationale for the additional capacity is twofold:
- Principally to cope with any potential service disruption when vehicles might wait in the marshalling area for the next service;
 - To provide an element of future proofing.
- 7.8. The Marshalling Area will operate in line with the arrangements set out in the existing Traffic Management Plan (which has been updated to reflect the development proposals and is provided at Appendix G). The updated TMP sets out that the marshalling area will open approximately 2 hours before the ferry sailing to allow vehicles to enter the marshalling area for loading of the ferry. There is also approximately 185 metres between the marshalling area access and the entrance to the Harris Distillery, therefore, the Marshalling Access Road can accommodate approximately 30 vehicles (6m) before causing disruption to local facilities such as the Harris Distillery.
- 7.9. The check in kiosk will also be relocated so that it sits 40m from the proposed roundabout. The kiosk will be double-sided to increase the storage capacity for waiting vehicles. This provides internal queueing capacity for a further 10-12 vehicles to queue back to the proposed roundabout giving an overall queueing capacity of 40-42 vehicles back to the Harris Distillery access.
- 7.10. Staff will monitor the entrance to ensure no vehicles are blocking the access and monitor the level of queuing along the Marshalling Access Road. The existing signage advises that no vehicles should park along the Marshalling Access Road.
- 7.11. From a review of the vehicle volumes using the existing ferry, it is clear that this will only occur on a limited number of times a year when the ferry is at maximum capacity. Therefore, staff will be able to open the marshalling area before the 2 hour window in order to alleviate any observed queueing.

Proposed Ferry Activity

- 7.12. The proposed ferry will operate the same schedule as the existing ferry. Therefore, to understand the trip generation of the proposed ferry, CMAL have provided anticipated forecast figures for the number vehicles over the next 5 years. These are as follows;
- Cars +27%;
 - Commercial Vehicles +7%; and
 - Coaches +17%.
- 7.13. To forecast the future ferry activity, the existing ferry activity as outlined in section 4, has been factored by the above growth rates. **Figure 7-2** shows the average forecast vehicle numbers by seasonal holidays.

Figure 7-2 Forecast Ferry Vehicle Numbers by Seasonal Holidays

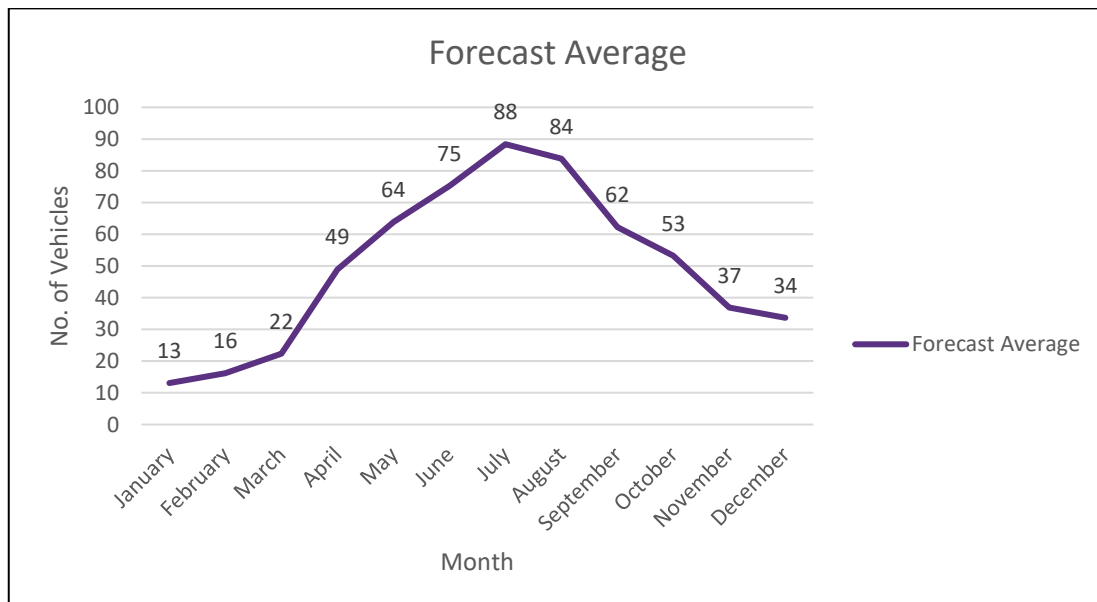


7.14. **Figure 7-2** shows;

- Summertime (July to August) will have on average 92 vehicles;
- The yearly average of vehicles forecast to using the ferry will be 53; and
- The off-peak number of vehicles will average at 18.

7.15. Further forecasting of each month has been undertaken to show the potential traffic volumes throughout the year. **Figure 7-3** highlights the forecast traffic volumes across each of the months.

Figure 7-3 Forecast Ferry Vehicle Numbers by Months



7.16. **Figure 7-3** shows;

- The summertime is forecast to have an average of 88 vehicles on the ferry.
- The highest no. of vehicles on the crossings is forecasted in July with 88 and the lowest forecast of 13 vehicles in January.

Net Change in Ferry Activity

7.17. **Figure 4-2** detailed the vehicle trip generation associated with the existing ferry service (Capacity 98 vehicles), which will be replaced by the new dual fuel ferry (capacity 135 vehicles). **Figure 7-3** shows the forecasted vehicles using the proposed ferry. From this information, it has been possible to calculate the net difference in vehicle trips, summarised in **Table 7-1**.

Table 7-1 Net Change in Ferry Activity

Month	Average Vehicle no. using existing ferry	Forecast Average Vehicle no. using new ferry	Net Change in average vehicle no.
January	10	13	3
February	13	16	3
March	18	22	5
April	39	49	10
May	50	64	13
June	59	75	16
July	70	88	19
August	66	84	18
September	49	62	13
October	42	53	11
November	29	37	8
December	27	34	7

7.18. **Table 7-1** shows;

- In July there will be an average of 19 additional vehicles per sailing, and
- The lowest increase in vehicles is January with an additional 3 vehicles per sailing.

8. Impact Assessment

Introduction

- 8.1. This section outlines the methodology and analysis undertaken to determine the 'percentage impacts' of the proposed development on the road network in the vicinity of the site.

Methodology

- 8.2. The Development Planning Management Transport Assessment Guidance 2012 (paragraph 5.58) provides guidance on the assessment of traffic impacts of new developments and states the following:

“Transport Assessments must identify both the volume and distribution of vehicle trips related to the development and set this within the context of existing traffic movements in the locality. The following should be noted:

- Extent of the Transport Assessment should be sufficient to identify significant traffic effects. These impacts may be some distance from the development.*
- The significance of a traffic impact depends not only on the percentage increase of traffic but the available capacity. A 10% increase on a lightly trafficked road may not be significant, whereas a 1% increase on a congested motorway will be.”*

- 8.3. As set out in the scoping note, the percentage impact of the development will be assessed on the following road links:

- A859 N;
- A859 S;
- Main St; and
- Pier Road

Traffic Growth

- 8.4. The proposed opening year for the development proposals is anticipated to be 2021 and to ensure a robust analysis it is assumed that the development is fully operational in the opening year. In line with current guidance, the baseline traffic flows have been factored up to this opening year using TEMPro and National Road Traffic Forecasts (NRTF) Central Growth factors. The growth factors used are set out in **Table 8-1**.

Table 8-1 TEMPro NRTF Traffic Growth

Period	Description	Weekday	Sat	Sun
2018 - 2021	Factor for 2018 surveys to 2021	1.030	1.030	1.030

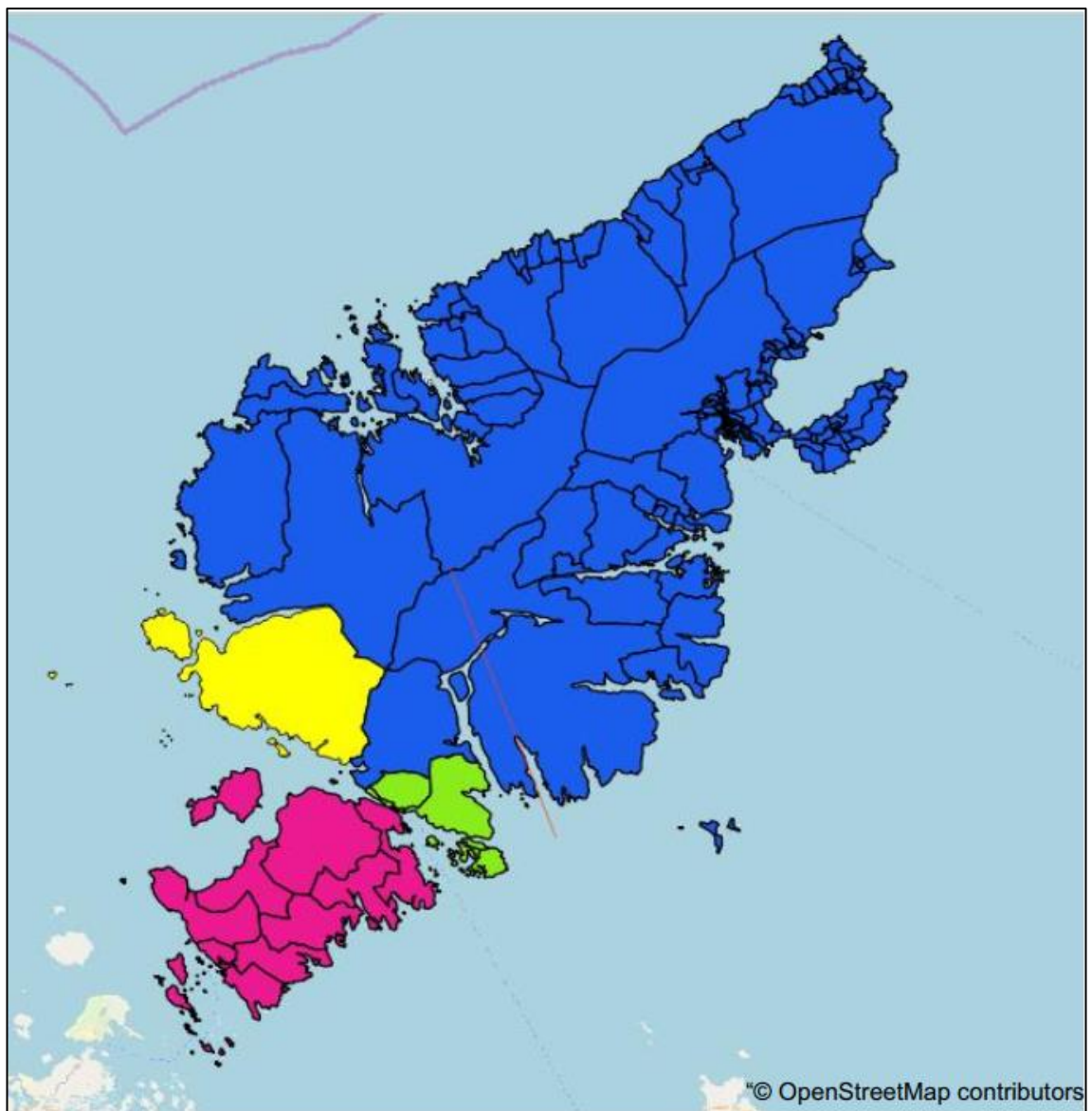
Traffic Distribution

- 8.5. In order to assign the development-related traffic onto the road network, it is first necessary to make a number of assumptions regarding the distribution of the traffic and the routes on which traffic will approach or disperse from the development site onto the wider road network
- 8.6. For the distribution of traffic generated by the ferry, a 'gravity model' based on ward populations has been used.

Gravity Model





- 8.7. In order to provide an indication of trip distribution, a gravity model approach was used. This methodology illustrates the main routes which provide access to and from the ferry (from the wider road network) and the population served by those main routes. Detailed outputs are provided at Appendix H.
- 8.8. In order to apportion the origin / destination of the additional development-related trips (calculated previously in Section 7) to a particular population area, a 'distribution factor' is derived from the gravity model.
- 8.9. The distribution factor is derived from dividing the total population (taken from the 2011 Census) by each electoral ward on the Isle of Lewis and Harris, and then subsequently summed for each direction / approach road to/from the development site. The gravity model derived for the development site is shown in **Figure 8-1**.

Figure 8-1 Gravity Model



- 8.10. The main routes providing access to and from the development site (from the wider road network) are summarised in **Table 8-2** along with the associated proportion of development related trips for each route as calculated by the gravity model.

Table 8-2 Gravity Model - % Distribution

Route/Direction	Direction	Population	% of Total	Colour
A859	North & West	19,827	92%	
A859	South	936	4%	
Main Street	East	811	4%	
Pier Road	East	811	4%	

Traffic Assignment

- 8.11. The total traffic generated by the proposed development, calculated in Section 7 previously, has been manually assigned to the highway network using the distribution assumptions derived in Section 8.

Traffic Impact

- 8.12. To understand the traffic impacts associated with the redevelopment proposals the following scenarios were assessed:

- Scenario 1 – February Traffic Impact (as this was consistent with the data collection programme)
- Scenario 2 – July Traffic Impact (as this was identified as the busiest time of year)

- 8.13. The traffic flows for each scenario were derived as follows:

- Scenario 1 – February Traffic Impact
 - Observed traffic survey data from February 2018.
 - 2018 to 2021 traffic growth rates applied.
 - Proposed February nett increase in ferry traffic.
- Scenario 2 – July Traffic Impact
 - Observed traffic survey data from February 2018.
 - 2018 to 2021 traffic growth rates applied.
 - Existing July ferry traffic added (i.e. nett increase over and above existing February Ferry traffic).
 - July nett increase in ferry traffic.

Scenario 1 – February Traffic Impact

- 8.14. **Table 8-3** outlines the percentage impact in traffic flows on the road network as a result of the proposed development, during the ferry arrival and departure times in February (Survey dates).

Table 8-3 Percentage Impact of Ferry (Two Way Flows) Winter (Scenario 1)

Weekday	Time (Hour Ending)	Sailing Time	Adjusted Traffic Volumes 2021 (Base)				Forecast increase in Vehicles (Feb)				% Impact Assessment			
			A859 N	A859 S	Main St	Pier Rd	A859 N	A859 S	Main St	Pier Rd	A859 N	A859 S	Main St	Pier Rd
Monday	8	07:30	73	54	42	36	2	1	0	0	3%	2%	0%	0%
	15	15:40	134	76	72	75	2	1	0	0	2%	1%	0%	0%
	16	16:00	226	125	129	111	2	1	0	0	1%	1%	0%	0%
Tuesday	11	11:20	200	130	105	108	2	1	0	0	1%	1%	0%	0%
	12	11:50	163	81	113	94	2	1	0	0	2%	1%	0%	0%
	20	19:55	64	32	33	36	2	1	0	0	4%	3%	0%	0%
Wednesday	8	07:30	84	52	42	46	2	1	0	0	3%	2%	0%	0%
	15	15:40	149	82	74	76	2	1	0	0	2%	1%	0%	0%
	16	16:00	213	128	119	110	2	1	0	0	1%	1%	0%	0%
Thursday	16	16:40	187	116	112	106	2	1	0	0	1%	1%	0%	0%
Friday	8	07:30	80	55	40	38	2	1	0	0	3%	2%	0%	0%
	15	15:40	177	99	90	100	2	1	0	0	1%	1%	0%	0%
	16	16:00	196	113	106	106	2	1	0	0	1%	1%	0%	0%
Saturday	11	11:20	102	79	78	86	2	1	0	0	2%	1%	0%	0%
	12	11:50	110	88	98	101	2	1	0	0	2%	1%	0%	0%
	20	19:55	35	29	34	32	2	1	0	0	7%	3%	0%	0%
Sunday	9	09:00	31	19	10	13	2	1	0	0	8%	5%	1%	1%
	19	18:20	45	27	27	20	2	1	0	0	6%	4%	0%	1%

8.15. **Table 8-3** shows that;

- The A859 (N) will have the highest percentage impact at 8% experienced on a Sunday; and
- The Pier Road will have the lowest percentage impact at 1% on a range of days.

8.16. The analysis shows that although there is predicted to be an increase in the development trips, the existing ambient traffic levels are low and as such there will be a barely perceptible impact on the local road network.

Scenario 2 – July Traffic Impact

8.17. **Table 8-4** outlines the percentage impact in traffic flows on the road network as a result of the proposed development, during the ferry arrival and departure times during sailings in July using the average increase as set out in **Table 7-1**.

Table 8-4 Percentage Impact of Ferry (Two Way Flows) Summer (Scenario 2)

Weekday	Time (Hour Ending)	Sailing Time	Adjusted Traffic Volumes 2021 (Base)				Forecast increase in Vehicles (Feb)				% Impact Assessment			
			A859 N	A859 S	Main St	Pier Rd	A859 N	A859 S	Main St	Pier Rd	A859 N	A859 S	Main St	Pier Rd
Monday	8	07:30	127	56	44	38	16	1	1	1	13%	1%	2%	2%
	15	15:40	188	79	74	77	16	1	1	1	9%	1%	1%	1%
	16	16:00	281	128	131	114	16	1	1	1	6%	1%	1%	1%
Tuesday	11	11:20	255	133	107	110	16	1	1	1	6%	1%	1%	1%
	12	11:50	217	84	115	97	16	1	1	1	7%	1%	1%	1%
	20	19:55	119	35	35	38	16	1	1	1	13%	2%	2%	2%
Wednesday	8	07:30	139	54	44	48	16	1	1	1	12%	1%	2%	1%
	15	15:40	204	85	76	78	16	1	1	1	8%	1%	1%	1%
	16	16:00	267	130	121	112	16	1	1	1	6%	1%	1%	1%
Thursday	16	16:40	241	118	114	108	16	1	1	1	7%	1%	1%	1%
Friday	8	07:30	134	57	42	40	16	1	1	1	12%	1%	2%	2%
	15	15:40	231	102	92	102	16	1	1	1	7%	1%	1%	1%
	16	16:00	250	115	108	108	16	1	1	1	6%	1%	1%	1%
Saturday	11	11:20	156	81	80	88	16	1	1	1	10%	1%	1%	1%
	12	11:50	164	91	100	103	16	1	1	1	10%	1%	1%	1%
	20	19:55	89	31	36	35	16	1	1	1	18%	3%	2%	2%
Sunday	9	09:00	85	21	13	15	16	1	1	1	19%	4%	6%	5%
	19	18:20	99	30	29	22	16	1	1	1	16%	3%	2%	3%

8.18. **Table 8-4** shows that;

- The A859 (N) will have the highest percentage impacts with an impact above 10% recorded on half of sailings;
- The percentage impact on Pier Road and Main Street will be minimal with the highest impact of 6% recorded on a Sunday.

8.19. The analysis again shows that although there is predicted to be an increase in the development trips, the existing ambient traffic levels are low and as such there will be a barely perceptible impact on the local road network.

Highway Link Capacities

8.20. In order to provide further evidence that the highway links are within their design capacity, analysis has been undertaken with due regard to DMRB TA 79/99 entitled "Traffic Capacity of Urban Roads".

8.21. For the purpose of this analysis it is assumed that the local road network is representative of road type UAP4 as they have the following attributes as outlined in DMRB TA/99:

- General Description - Busy high street carrying predominantly local traffic with frontage activity including loading and unloading;
- Speed Limit – 30mph;
- Side Roads – more than 2 per km;
- Access to roadside development – unlimited access to houses, shops and businesses;
- Parking and loading – unrestricted;
- Pedestrian crossings – unrestricted; and
- Bus Stops – at kerbside.

8.22. **Table 8-5** presents the link capacity assessment for each of the roads within the study area.

Table 8-5 Link Capacity Assessment

Link	Road Type	Carriageway (Single / Dual)	Carriageway Width	Capacity per hour*	2018 Survey Max per hour	2021 B+D (Winter) Max per hour	2021 B+D (Summer) Max per hour
A859	UAP4	Single	6.1m	1500	220	229	297
Main St	UAP4	Single	6.1m	1500	125	129	132
Pier Rd	UAP4	Single	6.1m	1500	110	111	114

**Capacity multiplied by 2 for two-way flows*

8.23. **Table 8-5** shows that;

- The design capacity for the highway links are 1500 vehicles per hour
- The predicted B+D summertime two-way flows are;
 - A859: 297
 - Main Street: 132
 - Pier Road; 114

8.24. Comparing the predicted flows with the calculated design capacity for each link indicates that there is significant reserve capacity and therefore there is no requirement for mitigation of the highway links based on the two-way link volumes.

9. Road Safety

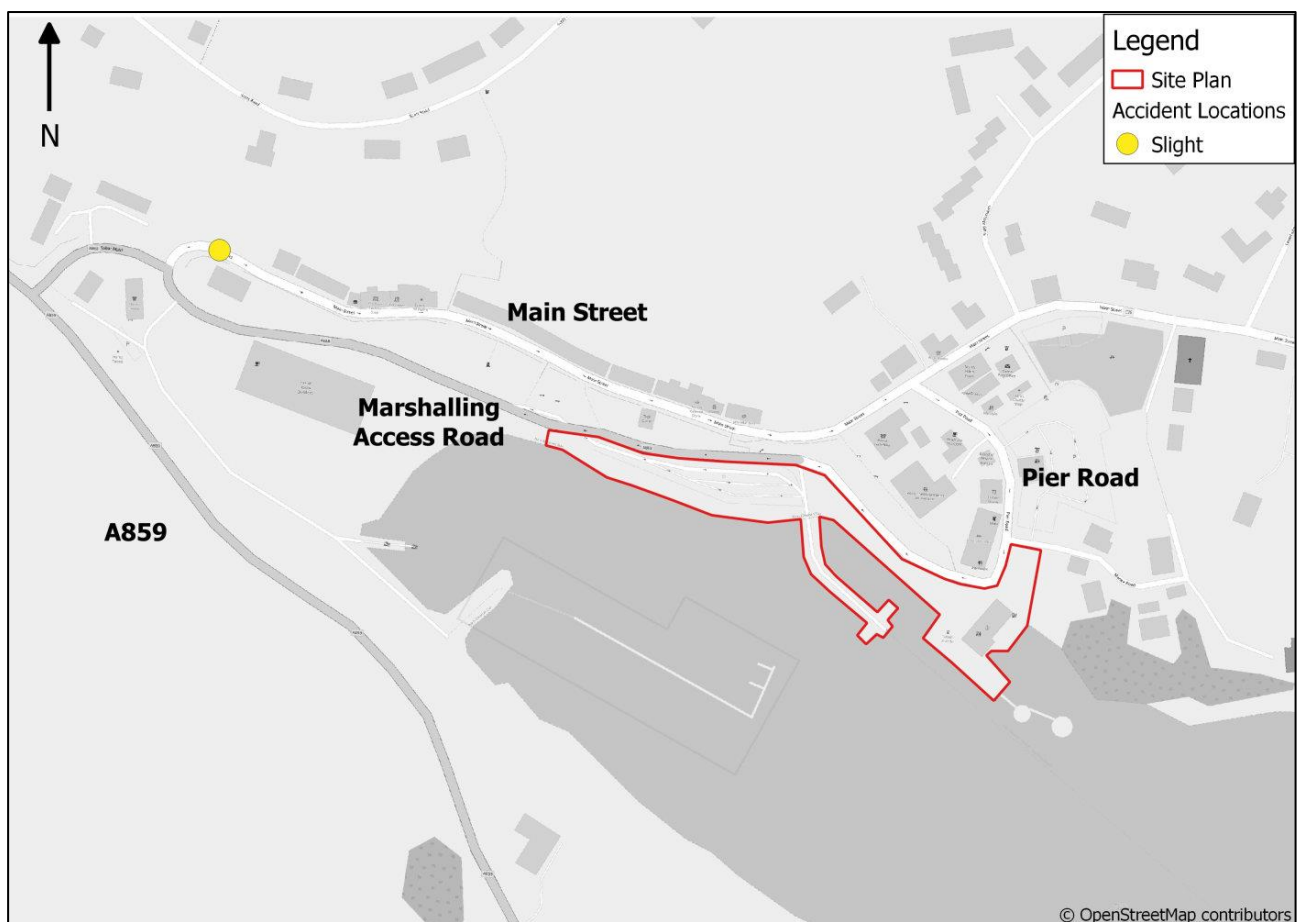
Introduction

- 9.1. This section provides a review of current road safety conditions in the vicinity of the proposed development. Due to the limited information available, this is restricted to a review of the accident history of the local road network.

Review

- 9.2. Personal Injury Accident (PIA) data was obtained from CRASHMAP for the period between 1st January 2013 and 31st December 2017. An extract from CRASHMAP has been provided at Appendix I of this report. **Figure 9-1** illustrates the location of PIAs in the study area shown.

Figure 9-1 Location of PIAs surrounding Development Site 2013-2017



- 9.3. **Table 9-1** shows a summary of PIAs at key links and junctions.

Table 9-1 Summary of PIAs 2013-2017

Location	Number of Accidents				No. of Injuries
	Slight	Serious	Fatal	Total	
Main Street	1	0	0	1	2
Total	1	0	0	1	2

- 9.4. The Crash Map interrogation shows that 0 fatal, 0 serious and 1 slight collision has occurred over a 4 year period resulting in a total of 2 injuries.
- 9.5. No information has been provided on the nature of these incidents and so Atkins are unable to determine the causality.
- 9.6. The redevelopment site will endeavour to limit the potential impacts on road safety by ensuring that:
- the site will operate in accordance with the updated Traffic Management Plan;
 - the marshalling area has increased in capacity which will reduce the potential for blocking back onto the local road network; and
 - A new roundabout access junction is proposed which will facilitate left turn in from Pier Road which improves access for those arriving from the east and also provide a facility for those erroneous vehicles that currently U-turn along the Marshalling Access Road.

Summary

- 9.7. This analysis indicates that there has been one slight collision (two injuries) in the vicinity of the development and no recorded fatal collisions. The proposals have however been developed to minimise the impact on road safety both internal to the development site as well as on the local road network.

10. Construction Traffic

Introduction

- 10.1. This section sets out how construction traffic will operate throughout the construction phases. A separate Construction Management Plan will be developed by the appointed contractor as the detailed construction phases are further developed.

Construction Process

- 10.2. The Appointed Contractor will be required to produce a detailed construction programme that identifies activity dates and durations, dependencies, constraints, float and critical path for pre-construction and construction phases. The bullet points below provide an indicative construction programme of the main works that formed the basis of assessment for the Environmental Statement (ES) and summarises the activities. The ES was prepared on the basis of a construction period of 24 months, however the phases will not be discrete and there will be a degree of overlapping required in order to meet the proposed overall 24 month programme.
- 10.3. The Main Phases include Plans shown at Appendix J;
- Phase 1 (Jan 2019 – Dec 2019):
 - Infill of proposed Marshalling Area;
 - Terminal demolition/ construction of temporary terminal; and
 - Pier reconstruction and extension.
 - Phase 2 (Jan 2020 – Dec 2020):
 - Completion of Marshalling Area;
 - Terminal reconstruction; and
 - Removal of temporary building.

Proposed Working Hours

- 10.4. The typical construction working hours will be
- 07-00 to 19-00 Monday to Friday;
 - 07-30 to 16-30 Saturday; and
 - No Sunday working.
- 10.5. In order to minimise disruption to local traffic, some exceptional deliveries may be made outside these hours, but these will be kept to a minimum and discussions will take place with local residents and businesses to ensure that they remain fully informed and that arrangements are suitable.
- 10.6. During the winter months access lighting will be required in the mornings and late afternoons to ensure that operatives on site have safe passage to and from the work areas. Lighting will be positioned and angled in such a manner to minimise light pollution.

Construction staff estimates and working patterns

- 10.7. There will be normal construction traffic throughout the working day, with peak traffic at the start and end of the working day as operations and construction workers arrive and depart the site.
- 10.8. Whilst the construction activities will be temporary in nature the appointed contractor will seek to minimise the impacts of generating additional traffic on the local highway network and parking near the port by:
- Encouraging staff who are locally based to travel by public transport wherever possible;
 - Encouraging staff to car share where possible; and
 - Wherever possible accommodate works vans on-site;
- 10.9. It is envisaged that construction workers will car share by use of private cars and vans. An example of the likely construction traffic generations would be as follows:
- Typically 40 workers and staff during peak construction period;
 - 10 workers using private car on their own (10 cars);
 - 6 workers with 2 workers sharing per private car (3 private cars);
 - 20 workers in squad vans with approximately 4 workers per van (5 squad vans); and
 - 4 workers using public transport.
- 10.10. The assumptions indicate that during the peak construction period there is likely to be:
- 13 private cars;
 - 5 squad vans; and
 - Giving a total of 36 two-way typical daily vehicles movements at the site.

HGV Vehicles Estimates

- 10.11. There are two types of activities which will generate HGV activity at the site. These are disposal of excavation/ demolition materials and deliveries of materials for the construction of the new harbour.
- 10.12. **Table 10-1** sets out the anticipated quantities of material to be removed. A tipper lorry is assumed to carry 20 tonnes.

Table 10-1 Quantities of Waste materials

Activity	Quantity (Tonnes)	No. of Vehicle Movements One-Way)
Existing Pier	500	25
Terminal Building	100	5
Miscellaneous (Bitumen, spoil etc.)	200	10
Total Removed	800	40

- 10.13. **Table 10-2** sets out the anticipated quantities of material to be delivered. A tipper lorry is assumed to carry 20 tonnes.

Table 10-2 Quantities to be Delivered

Activity	Quantity (Tonnes)	Total No. of Vehicle Movements (One-Way)
Infill	80879.6	4044
Rock Armour	14460	723
Concrete	2169	108
Miscellaneous (Bitumen etc.)	2048.5	102
Total Delivered	99557.1	4978

10.14. Using the 'Totals' values from **Table 10-1 & 10-2** therefore is forecast to be 5018 Heavy Goods Vehicles during the entire construction programme. The peak activity of HGV movements will occur during the Infill period which will last approximately 6 months.

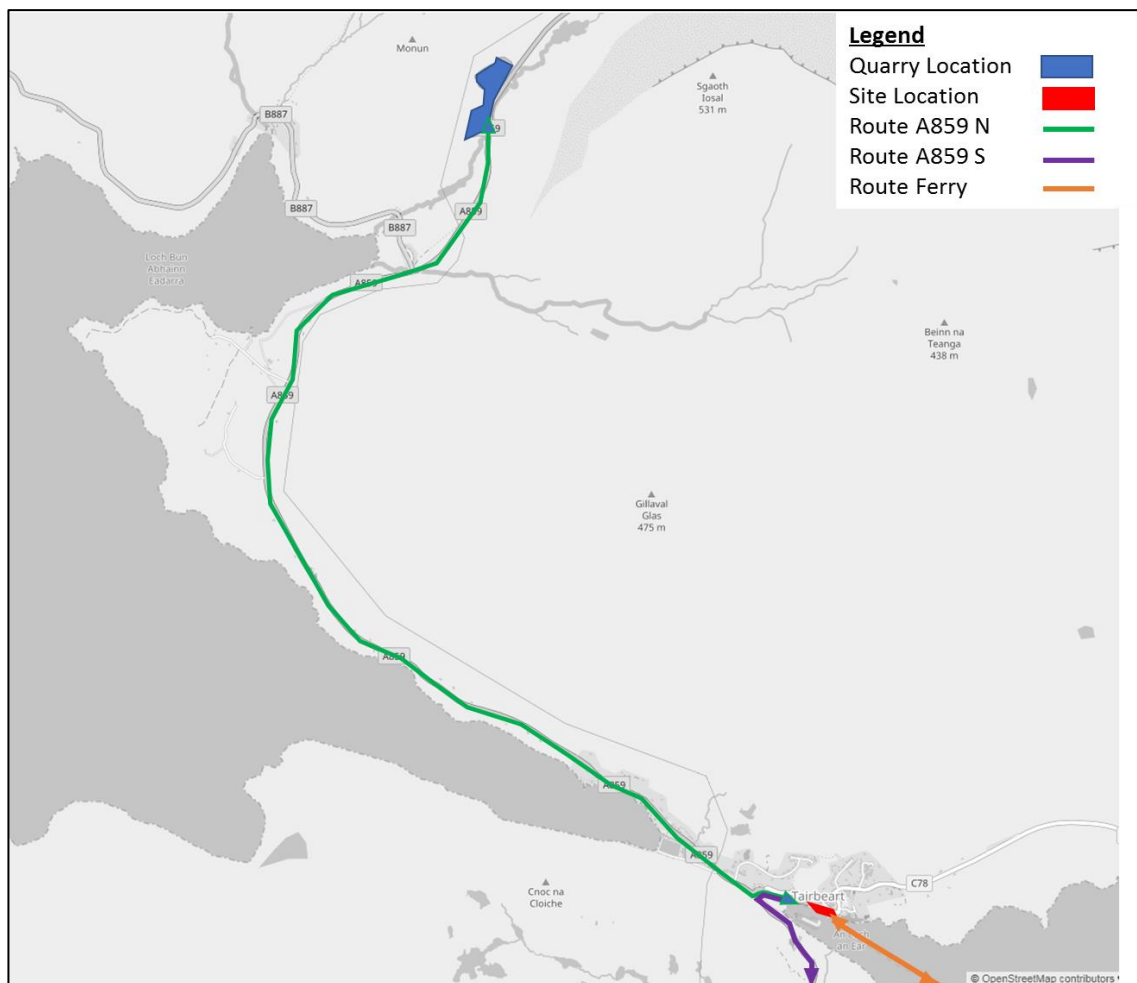
10.15. To provide an indication of daily and hourly flows during the most onerous construction period (i.e. the Infill period) the following assumptions have been applied:

- 24 week peak programme;
 - 5 weekdays;
 - 12 hours per weekday (to reflect 07:00 – 19:00);
 - 1 Saturday; and
 - 9.5 hours per Saturday;
- = 4044 Total Goods Vehicle (one-way) over 24 week programme;
- = 168 Goods Vehicles per week;
- = 4 Goods Vehicles per hour (or 8 two way good vehicle movements per hour).

Construction Routing

- 10.16. Construction traffic will arrive / depart via three main routes:
- A859 N;
 - A859 S; and
 - Ferry.
- 10.17. Figure 10-1 illustrates the proposed construction routes. The construction for the most onerous period, Infill of Marshalling Area, will generally use a local quarry and for this assessment we have assumed this to be the site at Ardhasaig, which is situated 4 miles from Tarbert.

Figure 10-1 Potential Construction Route



Impact Assessment

- 10.18. For the purpose of this assessment the most onerous period of construction (Infill) has been assessed in order to gain an understanding of the impact on the local roads (Green Route). The HGV estimates have been developed taking cognisance of the need to minimise the level of impact on the local road during ferry arrival times.
- 10.19. **Table 10-3** presents analysis of this activity to show the change in traffic volumes and heavy vehicle content whilst these works are being undertaken.

Table 10-3 Construction Traffic Infill Percentage Impact

Route	Daily Flow (2018)	Daily Construction Traffic (HGV+Staff) (two way)	% Impact
A859 N	1548	92	6%

- 10.20. Table 10-3 shows that that there will be an 6% increase in daily traffic flows during the most onerous stage of the construction programme which is less than the 10% threshold which would trigger the need for further detailed analysis.

Site Access

- 10.21. The construction traffic will mainly use A859 via the Marshalling Access Road to access the site. There will be occasions when the vehicles will be required to use the Tarbert one-way system, accessing the site via Main St and Pier Road, however, this will be kept to a minimum. Construction vehicles will also use the ferry to Tarbert to access the site.

Construction Plant Machinery

- 10.22. The anticipated level of onsite resources required during the construction period have been outlined. The main plant envisaged for each of the phases will include, but is not limited to (excluding task specific safety equipment/ measures, general hand tools or survey equipment):
- Dozer, tracked excavators and rollers for reclaim areas;
 - Wheeled excavators;
 - Cranes;
 - Piling rig;
 - Dumpers;
 - Loadall / forklifts; and
 - Various small plant.

Abnormal Loads

- 10.23. Any abnormal loads will use the ferry to Tarbert to access the site.

Existing Ferry Operations during Construction Phase

- 10.24. The Ferry will operate with no change to the timetable during the construction phase. The work will be planned to maintain the ferry service. During the early phase the capacity of the marshalling area may be reduced for construction operations. The details will be outlined by the appointed contractor in the Construction Management Plan.

11. Summary and Conclusions

Introduction

- 11.1. Atkins has been commissioned by Caledonian Maritime Assets Ltd (CMAL) to undertake a Transportation Assessment to support a proposed Harbour Revision Order associated with the proposed ferry terminal redevelopment and harbour extension at Tarbert Harbour, Isle of Harris.
- 11.2. The development will accommodate a new dual fuel ferry, which will have an increased capacity from 98 vehicles and 600 passengers to 135 vehicles and 1000 passengers. To facilitate the larger ferry a new pier, terminal building and marshalling area will be constructed within the existing site boundary and will require the reclamation of land.
- 11.3. The development proposals have been assessed in accordance with current transport and land-use planning policies and guidance and represent best practice in terms of promoting more sustainable travel patterns. The scope of the technical assessment has also been agreed in advance with the local roads officer from Comhairle nan Eilean Siar.
- 11.4. The TA has assessed the impact of the development proposals in terms of the following:
- Accessibility to the site (and local area) by non-car modes, such as public transport, walking and cycling, as well as access for those with mobility impairments; and
 - Accessibility to the site by private vehicles and the impact of additional traffic (generated by the development proposals) the surrounding road network.

Summary

Key Findings from Review of Sustainable Travel

- 11.5. The site has good accessibility with bus stops and ferry routes available within walking distance of the site, which provide access across the Isle of Harris and Lewis as well as connections to the Isle of Skye and the Scottish Mainland.
- 11.6. Pedestrian and cycle facilities can be described as good with footways linking the whole of Tarbert, providing access to shops, hotels, Harris Distillery and the local school. There is also signage to the National Cycle route which traverses along the A859 adjacent Tarbert. The surrounding pedestrian facilities are of a good quality with street lighting, dropped kerbs at crossing points and traffic calming measures along the Main Street.

Key Findings from Traffic Impact Analyses

- 11.7. The proposed development is predicted to result in a marginal increase in vehicle movements on the surrounding road network each month throughout the year. The increase in vehicle movements range from +3 vehicles on average to +19 vehicles during the peak of the summer months.
- 11.8. The forecast increase in development traffic was assigned to the local road network in accordance with a population based gravity model to provide an indication of the origins and destinations of ferry users. A traffic impact analysis was undertaken for two seasonal scenarios (February and July) to understand the scale of predicted traffic impacts. The results showed that during the most onerous assessment period in July the redevelopment traffic resulted in increases above 10%. However, given the relatively low ambient traffic levels, no perceptible decrease on traffic conditions was forecast.
- 11.9. A Link Capacity Assessment was also undertaken to assess whether the additional traffic was predicted to have a material impact on the local road network. The results of this demonstrated that local roads were currently operating significantly below their design capacity and when

development traffic was added this remained the conclusion. No further assessment or mitigation is therefore proposed to facilitate the redevelopment proposals.

- 11.10. The existing Ferry Terminal operates a Traffic Management Plan (TMP) which sets out how the site is accessed. Included within this Transport Assessment the TMP has been updated to reflect the redevelopment proposals.
- 11.11. Staff at the existing terminal confirmed that queueing activity along the Marshalling Access Road was monitored regularly to ensure that there was no blocking back towards the junction of A868/ Main Street. Should traffic queues start to build up on the Marshalling Access Road then the gates to the marshalling area are opened earlier to commence the checking in process and alleviate any potential local congestion.
- 11.12. As part of the redevelopment proposals the following improvements will be made:
- New access roundabout;
 - New double-sided kiosk; and
 - New kiosk will be situated 40m into the marshalling area.
- 11.13. The above enhancements will result in:
- Increased check in times;
 - Increased queueing capacity; and
 - Facilities left turn in from Pier Road and provides erroneous drivers with the ability to make a safe u-turn.
- 11.14. The Construction Stage of the development was also assessed. It was derived that there will be some temporary localised disruption during the construction phases of the marshalling area and terminal building with approximately 92 two-way vehicle movements per day including 56 HGV's during the most onerous period (Infill stage). These vehicle movements will be mitigated through a construction management plan which will:
- Restrict typical construction working hours to:
 - 07-00 to 19-00 Monday to Friday;
 - 07-30 to 16-30 Saturday; and
 - No working on a Sundays.
 - Encourage Staff to Car/vehicle share; and
 - Vehicles will use the designated routes.

Conclusions

- 11.15. This Transport Assessment has considered the potential transport impacts associated with the Tarbert Ferry redevelopment and demonstrated that:
- The site benefits from good levels of accessibility by sustainable modes taking into consideration its rural nature; and
 - The local road network can accommodate the forecast increase in traffic volumes.

Appendices



Appendix A



Appendix B

Tarbert Ferry Terminal Development, Isle of Harris

TA Scoping Note
CMAL

December 2017



Notice

This document and its contents have been prepared and are intended solely for information and use in relation to support the planning application associated with the proposed development of Tarbert Ferry Terminal, Isle of Harris.

Atkins Transportation assumes no responsibility to any other party in respect of or arising out of or in connection with this document and/or its contents.

Document history

Job number: 5162902			Document ref: 5162902-SN-V3.0			
Revision	Purpose description	Originated	Checked	Reviewed	Authorised	Date
1.0	DRAFT for Discussion	Redacted				13/12/17
2.0	Draft for agreement					15/12/17
3.0	Final					21/12/17

Client signoff

Client	CMAL
Project	Tarbert Ferry Terminal Development, Isle of Harris
Document title	Transport Assessment Scoping Note
Job no.	5162902
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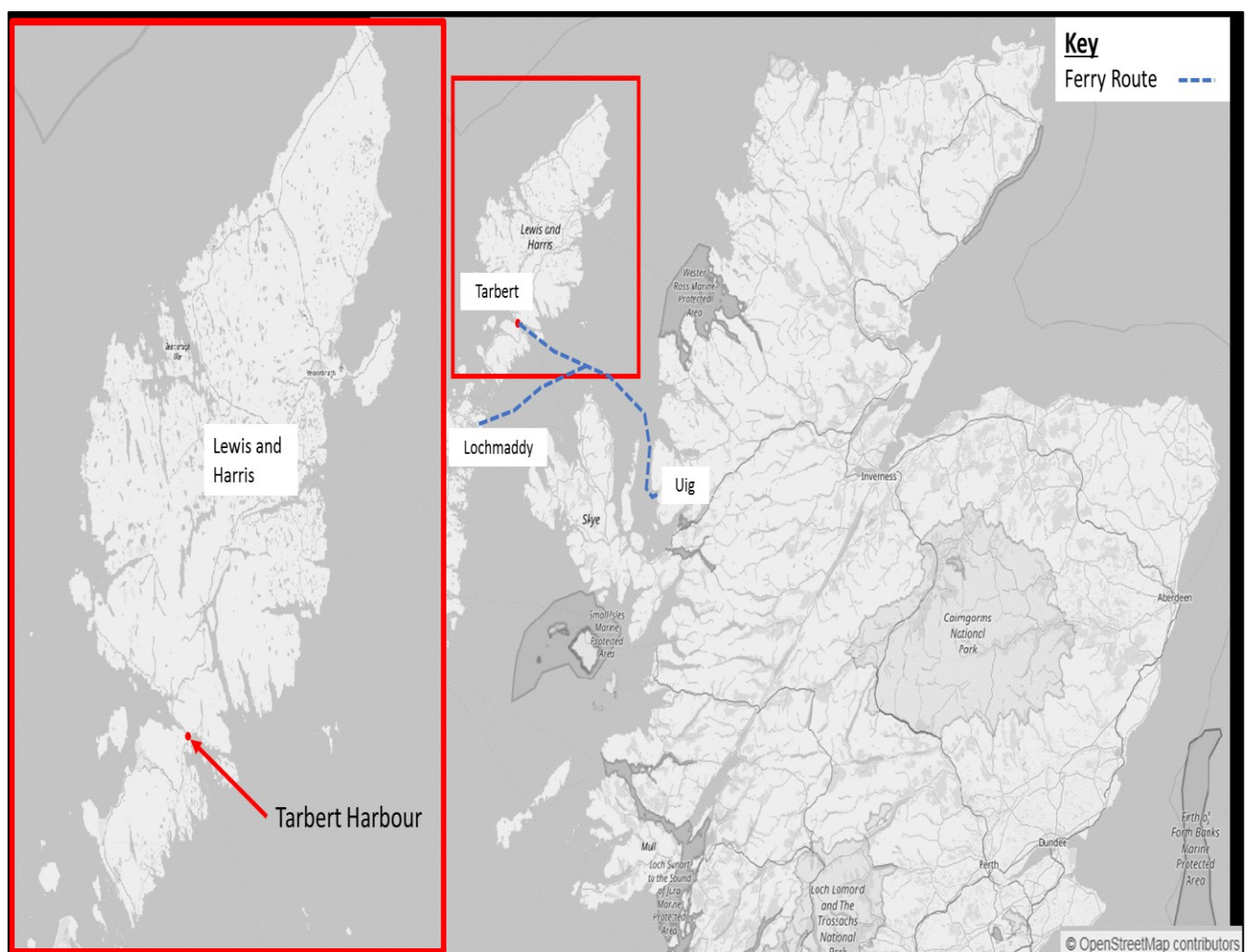
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1. Introduction

Background

- 1.1. Atkins has been commissioned by Caledonian Maritime Assets Ltd (CMAL) to undertake a Transportation Assessment Scoping Exercise in relation to a planning application associated with a proposed Ferry terminal development and harbour extension at Tarbert Harbour, Isle of Harris. (See Figure 1-1). The Lewis and Harris Isles has a population of approximately 20,500 people with approximately 12,000 in the main town of Stornoway. During the summer months, the isles experience a relatively high number of tourists.
- 1.2. The development consists of an upgrade to the existing Harbour to enable it to support a new Dual Fuel Ferry. The purpose of the new ferry is to provide increased vehicle and passenger transport capacity to access the island
- 1.3. Tarbert Ferry Terminal is located on the Isle of Harris as shown in Figure 1-1. Tarbert is the main community on the island of Harris with the ferries utilising the terminal to provide the shortest link between Harris and Uig on Skye which provides road linkages to the Scottish Mainland. The Ferry also provides a further link to Lochmaddy. The existing ferry is capable of carrying 98 vehicles and 612 passengers.

Figure 1-1 Site Location

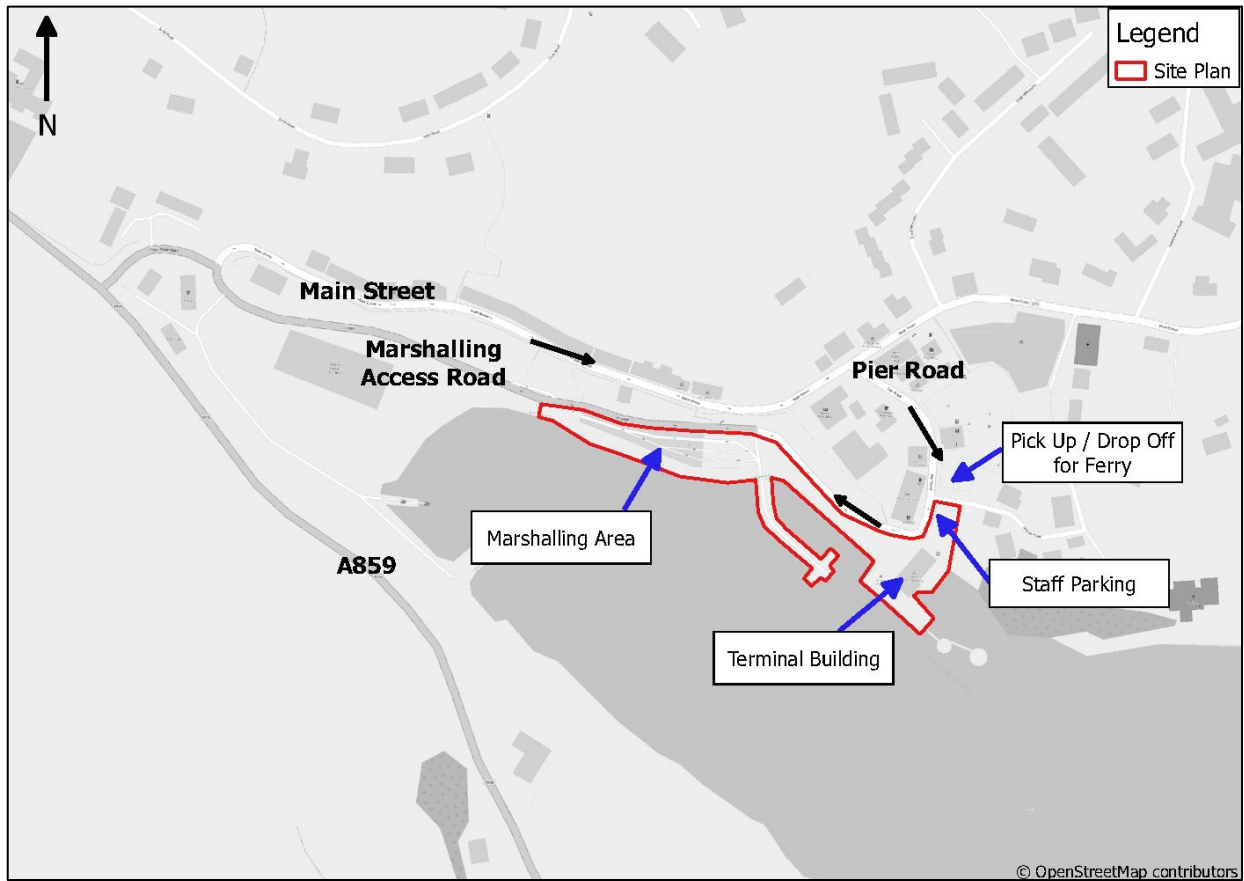


- 1.4. Figure 1-2 illustrates how the ferry terminal is accessed via the Marshalling Access Road, situated off the A859 which acts as the main road between Harris and Lewis. The town has a one-way system along Main Street which forms a clockwise gyratory with Pier Road to the Ferry terminal. Pier Road currently contains staff and disabled parking located adjacent to the existing ferry terminal as well as a pick up and drop off car park for the ferry which consists of 50 car parking spaces and 8 coach parking spaces.
- 1.5. The Ferry boarding ramp is located 100m to the West, which provides access to the Ferry via the marshalling area. The existing Marshalling Area can accommodate approximately 100 vehicles which are separated into designated lanes according to Ferry/Marshalling staff.
- 1.6. The pier is currently not long enough for routine berthing of the new vessel and the existing pier structure has reached the end of its serviceable lifespan.
- 1.7. The Marshalling Area main access road avoids the centre of the village and stops to give-way to vehicles using the one-way system. During busy periods, vehicles have to wait on the access road (Marshalling Access Road) before accessing the marshalling area, this can lead to queueing back to the Main Street junction and preventing access to Tarbert.

Scoping Discussion

- 1.8. Atkins held Transport Assessment Scoping discussions with Comhairle nana Eilean Siar (CnES)) on the 13th December 2017. The following key points were agreed/discussed;
 - The proposed study area network was agreed, although further consideration should be given to the timings of the surveys to include peak traffic during May to August. The study area agreed includes;
 - Marshalling Access Road;
 - Main Street;
 - A859; and
 - Pier Road
 - There are no committed developments to be included within the TA (see Appendix A)
 - The TA should consider the interaction between the proposals and the existing accesses with the Distillery, Harris Tweed Shop and the marina, which are located to the west of the site off the Marshalling Access Road;
 - Consideration queuing activity at loading and disembarking times should presented;
 - The TA should provide clarification on the Traffic Management of the Marshalling area;
 - Consideration should be given to the operation of the proposed roundabout especially during boarding and disembarking from the ferry. We will also consider any potential impacts should ferry traffic not be able to access the marshalling area when arriving for bookings;
 - The TA should also consider the Pick-up/ drop-off area on Pier Road, and how pedestrian and vehicles interact in this area;
 - Consideration should also consider the impact of any displaced parking and the interaction of pick up / drop-off at the new terminal;
 - The TA should consider the Scottish Governments 'A long Term Vision for Active Travel in Scotland 2030' and how these could be potentially be incorporated into the design of the site; and
 - The TA should also consider the impact of construction traffic whilst maintaining an operational port at Peak Times (May to August). This should take account of Main St, Pier Road and the Sir E Scott Primary/secondary school on the A859 (with assessing whether construction traffic movements require restrictions during school arrival and departure times).

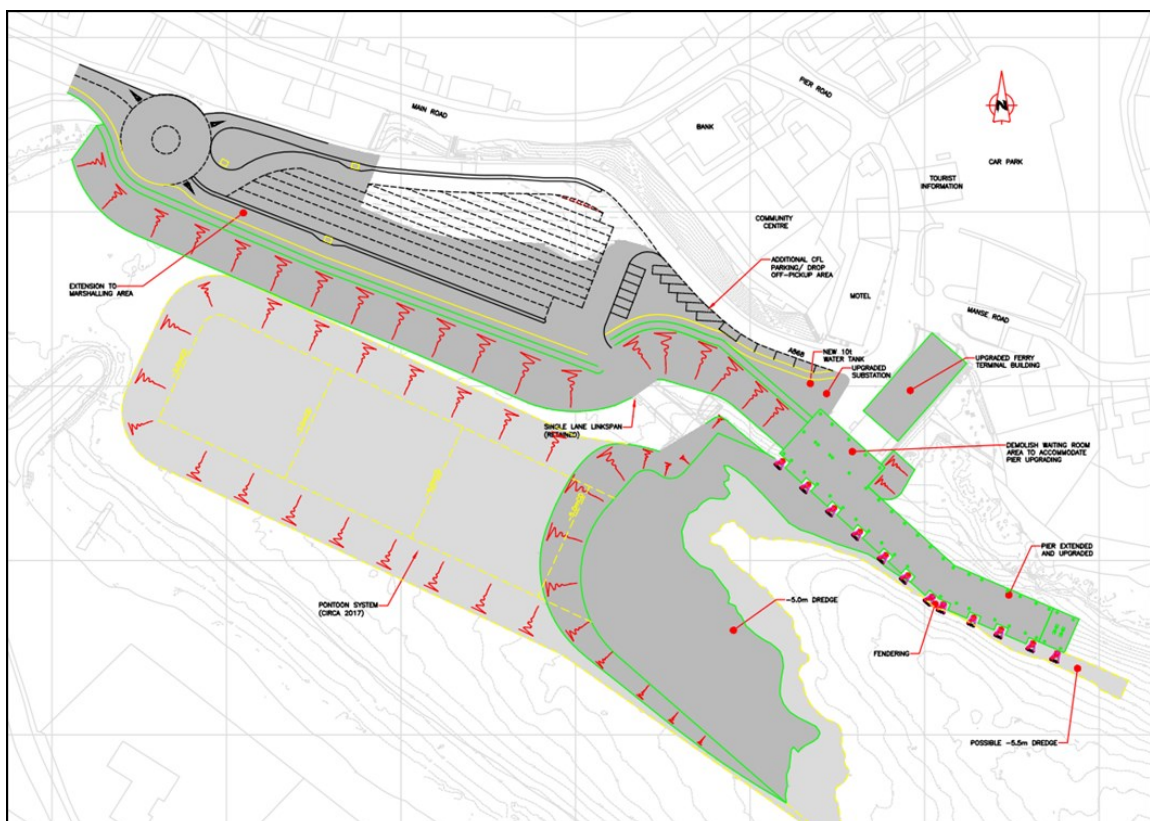
Figure 1-2 Site Location Plan



Development Proposals

- 1.9. The development proposal consists of the extension of the harbour to accommodate a larger dual fuel ferry which will be capable of carrying up to 135 vehicles and 1000 passengers. To facilitate the new dual fuel ferry it is proposed to upgrade the existing harbour as follows;
 - Pier reconstruction and extension;
 - Terminal Building demolition and reconstruction;
 - Pier fendering; and
 - Marshalling and carpark extension by reclamation.
- 1.10. The proposed extension of the marshalling area will tie in to the existing marshalling area and linkspan which will be able to accommodate 197 vehicles. A proposed roundabout will also be constructed at the entrance to the marshalling area along the Marshalling Access Road to allow for all turning manoeuvres as shown in Figure 1-3.
- 1.11. The layout of the marshalling area will be improved, including the provision of a straight exit lane from the linkspan which will ease the movement of larger vehicles onto the Marshalling Access Road.

Figure 1-3 Proposed Site Plan



Construction Traffic

- 1.12. The construction of the ferry terminal will result in additional traffic along the access roads during this phase. The construction traffic will be limited to those required to deliver materials and personnel.
- 1.13. Generally, construction works will be carried out between 7am to 7pm Monday to Friday, with Saturday work generally operating 7am until 1pm.
- 1.14. It is estimated that the daily average of vehicles accessing the site will be 35 vehicles consisting of 5 HGV's and 30 light vehicles. This will peak to approximately 60 vehicles per day consisting of 20 HGV's and 40 light vehicles, however this will only be required for a short period of time.

- 1.15. As Tarbert has a one-way system around the town, deliveries and shifts will be programmed to avoid ferry boarding and disembarking to avoid any additional congestion.
- 1.16. Construction traffic routing will be detailed within the Transport Assessment along with an indication of the anticipated construction programme.

Figure 1-4 Proposed Development Areas



Government Policy

- 1.17. Cognisance will be taken of the current published transport policy and the general guidance notes currently applicable for such assessments. These include:
- Transport Scotland Transport Assessment Guidance 2012
 - The Transport Strategy for the Highlands and Islands 2008 – 2021;
 - Regional Transport Strategy;
 - National Transport Strategy;
 - HITRANS Regional Transport Strategy, Draft May 2017; and
 - PAN 75: Planning for Transport 2005.
- 1.18. Whilst we note that the HITRANS Regional Transport Strategy is still in draft, we propose to take cognisance of the general principles outlined in this strategy document.

2. Proposed Methodology

- 2.1. This section sets out the proposed methodology for assessing the development proposals and sets out the background data which will be used to inform the assessment.

Survey Data

- 2.2. To inform the initial scoping discussions Atkins proposes to undertake a range of surveys as shown in Figure 1-5. These include:

Automatic Traffic Counter surveys will be conducted over a 14 day period on the following links;

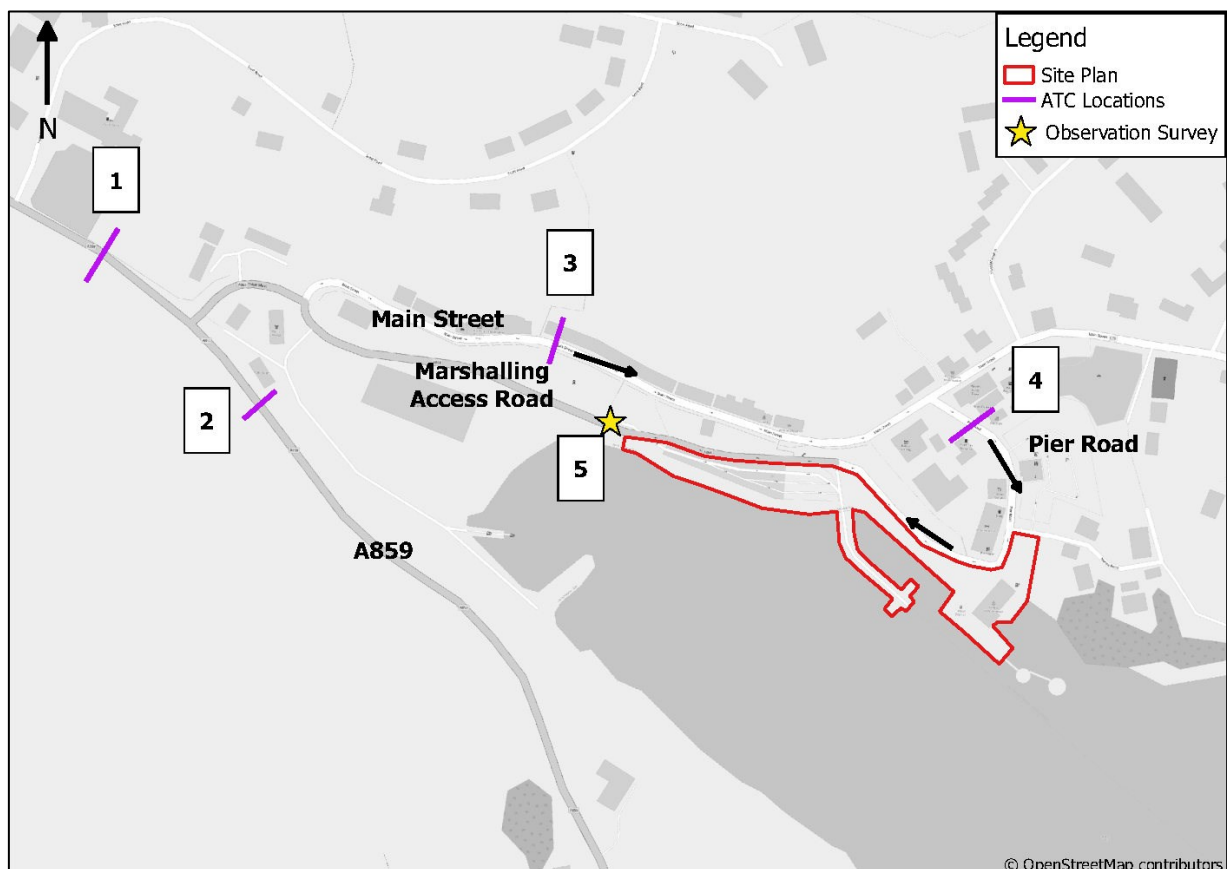
1. A859 North;
2. A859 South;
3. Main Street; and
4. Pier Road.

Observational survey's to capture the boarding and disembarking on the following link;

5. Marshalling Access Road (Entrance to Marshalling Area); This survey will also record occupancy of the vehicles and record any queuing along the Marshalling Access Road.

- 2.3. Survey time periods should take consideration of the existing timetable, proposed timetable and any potential seasonal variations in visitor demand.

Figure 2-5 Proposed Survey locations



- 2.4. The TA will include a basic walking, cycling and public transport audit of the local area. Commentary will be provided on the development's provision for pedestrians, cyclists and the mobility impaired. We will liaise with CnES to ascertain if there are any proposals for public transport/ cycling in the area.

Committed Developments

- 2.5. CnES advised there are no local committed development to be included in the assessment (see Appendix A).

Committed Highway Schemes

- 2.6. CnES advised there are no local committed highway schemes to be included in the assessment.

Traffic Growth

- 2.7. Traffic Growth will be applied using the National Road Traffic Forecasts (NRTF).
- 2.8. The Transport Assessment Guidance sets out in section 2.9 that '*No Future year transport growth will be applied beyond year of opening or first year assessment*'. We therefore propose that traffic growth will only be applied to the year of opening of the site (2019).

Trip Generation

- 2.9. We propose to derive traffic generation figures using the observational survey data and data held by CMAL.

Trip Distribution

- 2.10. We shall prepare an estimate of the trip distributions for the site using existing traffic proportions. Although we anticipate the majority of trips will seek access to/from the A859.

Trip Assignment

- 2.11. Generated trips will be manually assigned onto the highway network, based on the distribution method outlined above.

Assessment Period

- 2.12. We will undertake an assessment of the Traffic Management proposals during the boarding and disembarking of the ferry in relation to the ferry timetable and how this interacts with background traffic. Consideration will also be given to potential queuing activity in the area.

Assessment Years

- 2.13. Currently, it is anticipated that the year of opening of the development would be 2019.

Site Access

- 2.14. The site can be accessed at two locations; from the West along the Marshalling Access Road which provides access to the marshalling area and egress from the ferry, and from the North via Pier Road which provides access to the ferry terminal including staff parking and a pick-up and drop-off area and forms a one-way system with the Marshalling Access Road.
- 2.15. Pedestrian access will be from Pier Road via the ferry terminal.

Parking Provision and Layout

- 2.16. All assumptions with regard to the proposed level of parking will be provided within the TA.

Road Safety

- 2.17. CnES advised that there are no Road Traffic Incident clusters in the vicinity of the site and it was agreed that a review of CRASH Map will be undertaken of the local junctions providing a summary of the latest 3 year period.

Transport Assessment Report

- 2.18. The transport assessment report will highlight the findings with respect to the traffic impacts of the proposed development in regard to access arrangements and its impact on the surrounding road network. It will also provide a comprehensive assessment of the non-car modes providing access from this site.

Appendix A. Scoping Correspondence

From: Redacted
Sent: 14 December 2017 15:08
To: Redacted
Cc: Redacted
Subject: RE: Tarbert Ferry Terminal Development TA scoping

Redact

I can confirm that there are no committed developments (development that has received planning permission but yet to be constructed) and large enough in scale to require a Transport Assessment in or around Tarbert, Isle of Harris.

All the larger scale developments that have been consented in the last 7 years e.g. Sir E Scott School, Harris Distillery, New Harris House Care Home and Harris Health Hub have been built and are already operational:

Regards

Redacted | Manaidsear Dealbhaidh, (Rianadh Leasachaidh) | Roinn Leasachaidh | Comhairle nan Eilean Siar | Baile a' Mhanaich | Beinn na Faoghla | Benbecula | HS7 5LA Redacted

Redacted
Sent: 14 December 2017 13:11
Redacted
Redacted
Subject: FW: Tarbert Ferry Terminal Development TA scoping

Hi Red

We have been commissioned by Caledonian Maritime Assets Ltd (CMAL) to provide transport consultancy services for the proposed Tarbert Ferry Terminal Development on the Isle of Harris.

As part of the Transport Assessment Scoping we have been directed to you by Redacted (Head of Assets and Infrastructure) in relation to committed developments to be included as part of the future assessment. We would classify a committed development as a development that has received planning permission but is yet to be constructed and is of a large enough scale to require a Transport Assessment. See typical thresholds below:

Use	Thresholds above which a Detailed Transport Assessment may be required
Food retail	1,000m ² Gross Floor Area
Non-food retail	1,000m ² Gross Floor Area
Cinemas and conference facilities	1,000m ² Gross Floor Area
Leisure facilities	1,000m ² Gross Floor Area
Business	2,500m ² Gross Floor Area
Industry	5,000m ² Gross Floor Area
Distribution and warehousing	10,000m ² Gross Floor Area
Hospitals	2,500m ² Gross Floor Area
Higher and further education	2,500m ² Gross Floor Area
Stadia	1,500 seats
Housing	100 dwellings

Could you please advise if there are any committed developments in the locality of Tarbert which we need to consider. (Please see attached location Plan)

If you have any queries please don't hesitate to contact me.

Kind Regards,

Redacted
Transport Planner

ATKINS
71 Old Channel Road, Belfast, Northern Ireland, BT3 9DE

Redacted



Redacted
Sent: 14 December 2017 12:49



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Appendix C



Caledonian MacBrayne
Hebridean & Clyde Ferries

Traffic Management Plan

Tarbert (Harris)

TMP/TAR

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B	Late Draft	Redacted)	
Rev. No.	Description of Revision	Approved by	Authorised By

Form 2.1 Rev.1

Glossary	
CMAL	Caledonian Maritime Assets Limited
Cyclist	A person wishing to travel on the ferry boarding with their bicycle
DDA	Disability Discrimination Act (legislation to ensure access is provided for disabled persons)
Foot Passenger	A person wishing to travel on the ferry boarding the ferry by foot.
Gangway	A movable walkway linking a ship to the shore
HGV	Heavy Goods Vehicle
IMDG	International Maritime Dangerous Goods
LGV	Light Goods Vehicle
Linkspan	A hinged bridge which can be connected with a ramp on a vessel to allow loading or unloading.
Other Passenger	A person wishing to travel on the ferry via a private vehicle (driver or other occupant)
P&R	Park and Ride (parking vehicle at port and travelling on ferry as a foot passenger)
PAS	Passenger Access System
Special Waste	Any waste with hazardous properties which may render it harmful to human health or the environment
TMP	Traffic Management Plan

1. Introduction

1.1. Purpose of the Traffic Management Plan

This Traffic Management Plan has been produced for Tarbert Harbour and sets out the procedure for managing all CalMac traffic within the harbour including but not limited to pedestrian traffic, all vehicular traffic and deliveries. It also takes account of interfaces with other terminal users.

To assist in understanding the TMP the terminal layout can be seen in drawing TAR-TMP-001 in Appendix A. References within this TMP in the format ⓧ refer to a location in that drawing.

1.2. General Terminal Information

Tarbert Harbour is located on the Isle of Harris in the Outer Hebrides. Tarbert is in the Comhairle nan Eilean Siar local authority area. The harbour is accessed via the A868, which is a two lane single carriageway road up to a give way junction at the entrance to the marshalling area ⓐ(1). At this point the road becomes one way for traffic travelling westbound. There is a secondary access ⓐ(2) to the north east of the harbour which is used for access to the terminal building.

The harbour is manned with a terminal building Ⓛ and public toilets Ⓞ located to the southeast of the harbour. There is a P&R car park Ⓚ to the northeast of the harbour, which is owned by Comhairle nan Eilean Siar. It should be noted within the harbour there is no general parking; only a drop off facility and one disabled parking space.

2. Access to the Harbour

This section of the TMP details the terminal access arrangements.

Vehicular Access to the Marshalling Area

The A868 is accessed from the A859 via a priority junction. From this junction vehicles continue on the A868 until they reach a give way junction ⓧ. Vehicles then turn right to continue on the A868 to reach the harbour. At the harbour entrance ⓐ(1) entering traffic has to give way to exiting traffic.

Vehicular Access to Terminal Building and Car Parking

Because the road through the harbour is one way vehicles which wish to access the terminal building and car parking must turn left at junction ⓧ and travel along Main Street, which is one way eastbound until they reach a priority junction with Pier Road. Here vehicles turn right into Pier Road which is one way southbound and can either turn left to access the P&R car park Ⓚ, or continue to the harbour entrance ⓐ(2) and access the terminal building Ⓛ (with the adjacent disabled parking space) and drop off / pick up point ⓔ.

Pedestrian Access

Foot passengers can access the harbour from either ⓐ(1) or ⓐ(2) and use the footways to access the terminal building Ⓛ. Foot passengers can make any enquiries, purchase tickets and wait in the terminal building. Passengers arriving by bus alight at the bus stance ⓗ within the P&R car park.

Cyclist Access

Cyclists can access the harbour from either entrance but must use ⓐ(2) in the same manner as vehicles to access the terminal building Ⓛ.

Information

Outwith the harbour area there is an electronic message board ⓘ on the A859 on approach to the junction with the A868, which is updated remotely as required.

3. Vehicle & Cycle Movements (Sailing)

The procedure from arrival through marshalling to boarding the ferry will vary depending on the mode of transport used to access the ferry. This section of the TMP details the procedures to be followed by port users.

3.1. Marshalling

3.1.1. Vehicle Marshalling

There are 7 marshalling lanes ⑥(1) to the west of the linkspan which are designated by surface markings and have available lane space for approximately 90 vehicles. Vehicles are directed into the correct marshalling lane via signage. There are 4 further marshalling lanes (⑥(2) to the east of the linkspan) which are normally used for vehicles travelling on standby. These are also designated by surface markings and have available lane space for approximately 11 vehicles. Vehicles travelling on standby will approach from the terminal building where they have to purchase their ticket.

Emergency Vehicles

Emergency vehicles require access to the terminal / ferry for a number of different reasons. If, out with an emergency situation, they are making the sailing to Uig they will be marshalled as per standard procedure.

3.1.2. Cycle Marshalling

Cyclists marshal at the entrance to the linkspan ⑩.

3.2. Disembarking Traffic

The order in which traffic is disembarked from the ferry is directed by the ferry crew.

Vehicles exit the linkspan and continue until they reach a priority junction with the A868. Vehicles turn left onto the A868 until they reach priority junction ⑩ from where they can proceed to the A859 for onward travel to Stornoway and Leverburgh or join Main Street to enter the town.

Only once all traffic has been disembarked, can traffic waiting to board the ferry be instructed to board.

3.3. Boarding Traffic

Ferry Tickets

Tickets should be booked in advance for the ferry although they can be purchased in the terminal building ⑪ if there is space left for the crossing. Vehicles that arrive at the harbour without a ticket will be directed by a member of staff to purchase a ticket in the terminal building and marshal in the standby lanes ⑥(2).

Cyclists

Cyclists board the ferry in advance of vehicular traffic being boarded. Any cyclists waiting in the marshalling area will be instructed by harbour staff when to move forward and advance onto the linkspan.

Note: Cyclists must dismount before boarding the ferry.

Vehicles

Vehicles are normally boarded after cyclists. The order in which vehicles are boarded is determined by the ferry crew and is dependent on the size and weight of vehicles to be embarked. If vehicles are unoccupied at the time of boarding ferry crew should instruct vehicles in the marshalling drive around the parked vehicle to board. Once on board vehicles will position as instructed by ferry crew.

Dangerous Good (DG) Vehicles

Products which are covered by the International Maritime Dangerous Goods (IMDG) code must be declared to the port of departure at least 24 hours in advance of travel.

Vehicles that are carrying goods covered by the IMDG code should wait in queue and be aware that they may be required to move in order to permit necessary segregation or access. Embarkation of such vehicles will take place as instructed by vessel crew.

Other (farm vehicles/livestock)

The procedure for boarding vehicles such as livestock vehicles and farm tractors etc. is as per the procedure for HGVs.

4. Foot Passenger Movements

4.1. Marshalling

Foot passengers marshal in the waiting area within the terminal building ①.

4.2. Disembarking

Foot passengers exit the ferry from the gangway and exit the pier either through the gate or by entering the terminal building ① through the side access. Foot passengers can then exit the terminal building through the front access. Foot passengers who utilised the parking area ② for 'P&R' return to their vehicle and those to be collected continue to the drop off / pick up point ③. Those using public transport can access the bus stance ④.

4.3. Boarding

Ferry Tickets

Tickets for sailings can be booked in advance or purchased from the terminal building. Foot passenger tickets are checked at the top of the gangway by ticketing staff during the boarding process.

Foot Passengers

Foot passengers exit the terminal building via the side access and walk onto the ferry via the gangway.

5. Traffic Movements (Non Sailing Vehicles)

Staff Traffic

Staff arriving at the harbour by car access the harbour via Main Street and Pier Road ⑤(2). Staff car parking ⑥ is available to the north of the terminal building ①.

Park and Ride

There is a P&R area ⑦ that provides 50 spaces for passengers leaving their vehicles at the terminal. The P&R area is lined.

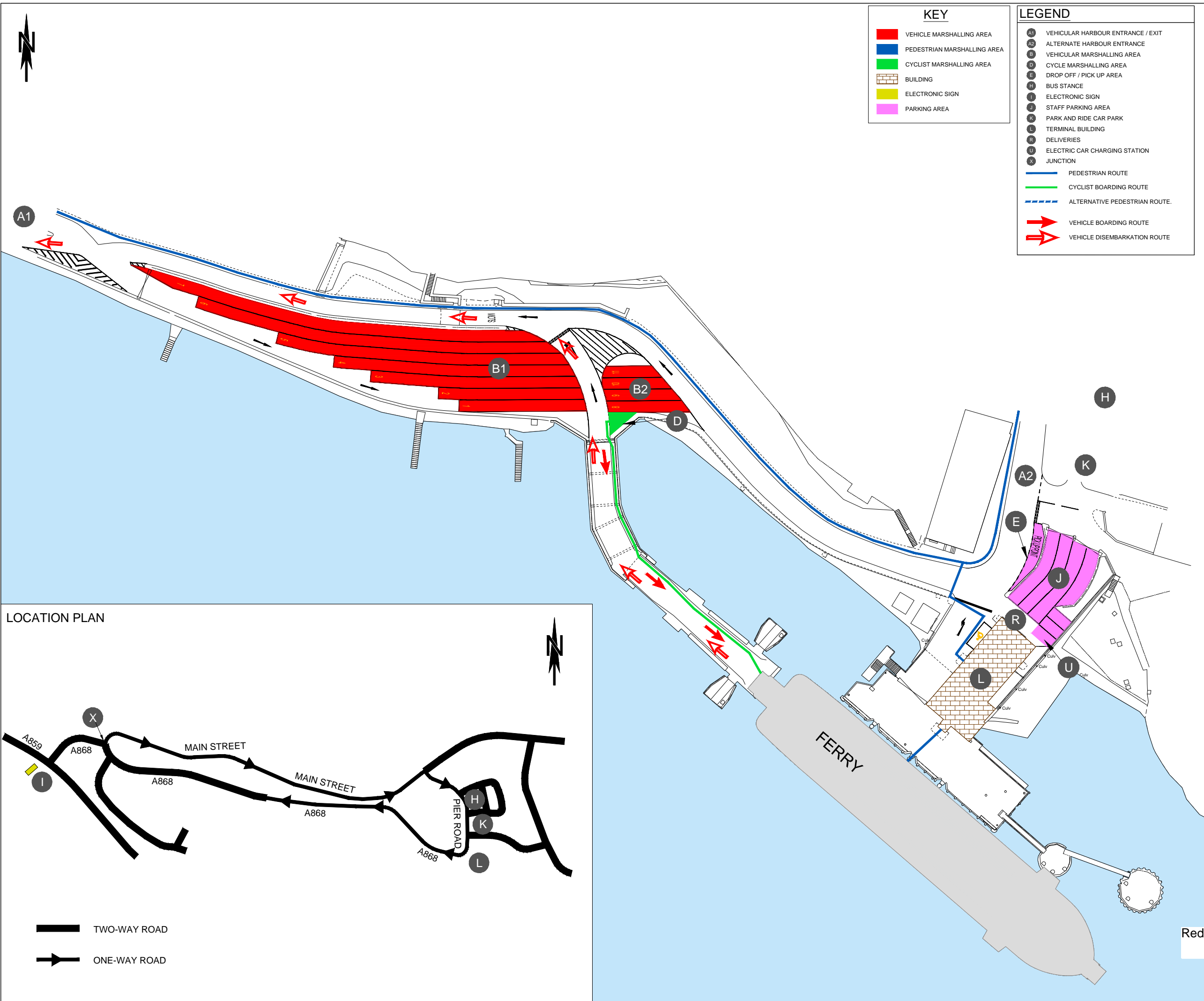
Harbour Deliveries / Collections

Vehicles making deliveries to the harbour enter the harbour as per ferry staff. Deliveries are then unloaded / loaded from area ⑧ between the staff parking and the terminal building. General waste is stored to the east of the staff parking area and is collected once a week or as required by the local authority. Special waste collections are carried out at Uig.

Appendix A.

Drawing: TAR-TMP-001

100
Millimetres
10
0
DO NOT SCALE
Plotted: Sep 12, 2014 - 12:37pm by: SHAW7120



KEY

- VEHICLE MARSHALLING AREA
- PEDESTRIAN MARSHALLING AREA
- CYCLIST MARSHALLING AREA
- BUILDING
- ELECTRONIC SIGN
- PARKING AREA

LEGEND

- A1 VEHICULAR HARBOUR ENTRANCE / EXIT
- A2 ALTERNATE HARBOUR ENTRANCE
- B VEHICULAR MARSHALLING AREA
- D CYCLE MARSHALLING AREA
- E DROP OFF / PICK UP AREA
- H BUS STANCE
- J STAFF PARKING AREA
- K PARK AND RIDE CAR PARK
- L TERMINAL BUILDING
- R DELIVERIES
- U ELECTRIC CAR CHARGING STATION
- X JUNCTION
- PEDESTRIAN ROUTE
- CYCLIST BOARDING ROUTE
- ALTERNATIVE PEDESTRIAN ROUTE.
- VEHICLE BOARDING ROUTE
- VEHICLE DISEMBARKATION ROUTE

NOTES

- DRAWING SHOULD BE READ IN CONJUNCTION WITH THE TARBERT (HARRIS) TRAFFIC MANAGEMENT PLAN.
- THIS DRAWING IS INDICATIVE ONLY. DO NOT SCALE.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

Rev	Drawn / Des	Checked	Approved	Date
P01.1				---

Description

Drawing Status	Suitability
Work in Progress	S0

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Caledonian MacBrayne
Hebridean & Clyde Ferries

Client

Project Title
Traffic Management & Berthing Plans

Drawing Title
TARBERT (HARRIS) TRAFFIC MANAGEMENTPLAN

Redacted

Original Size	Date	Date	Date	Date
A3	12/09/14	12/09/14	12/09/14	---

Drawing Number	Revision
TAR-TMP-001	P01.1



Caledonian MacBrayne

Hebridean & Clyde Ferries

This Traffic Management Plan has been produced by Atkins Limited.

Contact:

Redacted
Atkins
200 Broomielaw
Glasgow
G1 4RU

Redacted
Redacted

ATKINS

Appendix D



Tarbert, Isle of Harris: Queue Length Survey - Friday, 09 Februa

Produced by Streetwise Services Ltd.

Junction:

Survey Period	A - Access Road E	
	Lane 1	
	LIGHT	HEAVY
	Max	Max
05:30 - 05:35	0	0
05:35 - 05:40	0	0
05:40 - 05:45	0	0
05:45 - 05:50	0	0
05:50 - 05:55	0	0
05:55 - 06:00	0	0
06:00 - 06:05	0	0
06:05 - 06:10	0	0
06:10 - 06:15	0	0
06:15 - 06:20	0	0
06:20 - 06:25	2	0
06:25 - 06:30	2	0
06:30 - 06:35	0	0
06:35 - 06:40	1	0
06:40 - 06:45	1	0
06:45 - 06:50	0	0
06:50 - 06:55	0	0
06:55 - 07:00	0	0
07:00 - 07:05	0	0
07:05 - 07:10	0	0
07:10 - 07:15	0	0
07:15 - 07:20	0	0
07:20 - 07:25	0	0

07:25 - 07:30	0	0
07:30 - 07:35	0	0
07:35 - 07:40	0	0
07:40 - 07:45	0	0
07:45 - 07:50	0	0
07:50 - 07:55	0	0
07:55 - 08:00	0	0
08:00 - 08:05	0	0
08:05 - 08:10	0	0
08:10 - 08:15	0	0
08:15 - 08:20	0	0
08:20 - 08:25	0	0
08:25 - 08:30	0	0
13:40 - 13:45	0	0
13:45 - 13:50	0	0
13:50 - 13:55	0	0
13:55 - 14:00	0	0
14:00 - 14:05	0	0
14:05 - 14:10	0	0
14:10 - 14:15	0	0
14:15 - 14:20	0	0
14:20 - 14:25	1	0
14:25 - 14:30	1	0
14:30 - 14:35	3	0
14:35 - 14:40	4	0
14:40 - 14:45	5	0
14:45 - 14:50	5	0
14:50 - 14:55	6	0
14:55 - 15:00	6	0
15:00 - 15:05	0	0
15:05 - 15:10	0	0
15:10 - 15:15	0	0
15:15 - 15:20	0	0
15:20 - 15:25	0	0
15:25 - 15:30	0	0
15:30 - 15:35	0	0

15:35 - 15:40	0	0
15:40 - 15:45	0	0
15:45 - 15:50	0	0
15:50 - 15:55	0	0
15:55 - 16:00	0	0
16:00 - 16:05	0	0
16:05 - 16:10	0	0
16:10 - 16:15	0	0
16:15 - 16:20	0	0
16:20 - 16:25	0	0
16:25 - 16:30	0	0
16:30 - 16:35	0	0
16:35 - 16:40	0	0
16:40 - 16:45	0	0
16:45 - 16:50	0	0
16:50 - 16:55	0	0
16:55 - 17:00	0	0



Tarbert, Isle of Harris: Queue Length Survey - Saturday, 10 Febr

Produced by Streetwise Services Ltd.

Junction:

Survey Period	A - Access Road E	
	Lane 1	
	LIGHT	HEAVY
	Max	Max
06:00 - 06:05	0	0
06:05 - 06:10	0	0
06:10 - 06:15	0	0
06:15 - 06:20	0	0
06:20 - 06:25	0	0
06:25 - 06:30	0	0
06:30 - 06:35	0	0
06:35 - 06:40	0	0
06:40 - 06:45	0	0
06:45 - 06:50	0	0
06:50 - 06:55	0	0
06:55 - 07:00	0	0
07:00 - 07:05	0	0
07:05 - 07:10	0	0
07:10 - 07:15	0	0
07:15 - 07:20	0	0
07:20 - 07:25	0	0
07:25 - 07:30	0	0
07:30 - 07:35	0	0
07:35 - 07:40	0	0
07:40 - 07:45	0	0
07:45 - 07:50	0	0
07:50 - 07:55	0	0

07:55 - 08:00	0	0
08:00 - 08:05	0	0
08:05 - 08:10	0	0
08:10 - 08:15	0	0
08:15 - 08:20	0	0
08:20 - 08:25	0	0
08:25 - 08:30	0	0
08:30 - 08:35	0	0
08:35 - 08:40	0	0
08:40 - 08:45	0	0
08:45 - 08:50	0	0
08:50 - 08:55	0	0
08:55 - 09:00	0	0
09:00 - 09:05	0	0
09:05 - 09:10	0	0
09:10 - 09:15	0	0
09:15 - 09:20	0	0
09:20 - 09:25	0	0
09:25 - 09:30	0	0
09:30 - 09:35	1	0
09:35 - 09:40	1	0
09:40 - 09:45	1	0
09:45 - 09:50	1	0
09:50 - 09:55	2	0
09:55 - 10:00	3	0
10:00 - 10:05	3	0
10:05 - 10:10	3	0
10:10 - 10:15	3	0
10:15 - 10:20	0	0
10:20 - 10:25	0	0
10:25 - 10:30	0	0
10:30 - 10:35	0	0
10:35 - 10:40	1	0
10:40 - 10:45	1	0
10:45 - 10:50	0	0
10:50 - 10:55	0	0

10:55 - 11:00	0	0
11:00 - 11:05	0	0
11:05 - 11:10	0	0
11:10 - 11:15	0	0
11:15 - 11:20	0	0
11:20 - 11:25	1	0
11:25 - 11:30	0	0
11:30 - 11:35	0	0
11:35 - 11:40	0	0
11:40 - 11:45	0	0
11:45 - 11:50	0	0
11:50 - 11:55	0	0
11:55 - 12:00	0	0
12:00 - 12:05	1	0
12:05 - 12:10	0	0
12:10 - 12:15	0	0
12:15 - 12:20	0	0
12:20 - 12:25	0	0
12:25 - 12:30	0	0
12:30 - 12:35	0	0
12:35 - 12:40	0	0
12:40 - 12:45	0	0
12:45 - 12:50	0	0
12:50 - 12:55	0	0
12:55 - 13:00	0	0
13:00 - 13:05	0	0
13:05 - 13:10	0	0
13:10 - 13:15	0	0
13:15 - 13:20	0	0
13:20 - 13:25	0	0
13:25 - 13:30	0	0
13:30 - 13:35	0	0
13:35 - 13:40	0	0
13:40 - 13:45	0	0
13:45 - 13:50	0	0
13:50 - 13:55	0	0

13:55 - 14:00	0	0
14:00 - 14:05	0	0
14:05 - 14:10	0	0
14:10 - 14:15	0	0
14:15 - 14:20	0	0
14:20 - 14:25	0	0
14:25 - 14:30	0	0
14:30 - 14:35	0	0
14:35 - 14:40	0	0
14:40 - 14:45	0	0
14:45 - 14:50	0	0
14:50 - 14:55	0	0
14:55 - 15:00	0	0
15:00 - 15:05	0	0
15:05 - 15:10	0	0
15:10 - 15:15	0	0
15:15 - 15:20	0	0
15:20 - 15:25	0	0
15:25 - 15:30	0	0
15:30 - 15:35	0	0
15:35 - 15:40	0	0
15:40 - 15:45	0	0
15:45 - 15:50	0	0
15:50 - 15:55	0	0
15:55 - 16:00	0	0
16:00 - 16:05	0	0
16:05 - 16:10	0	0
16:10 - 16:15	0	0
16:15 - 16:20	0	0
16:20 - 16:25	0	0
16:25 - 16:30	0	0
16:30 - 16:35	0	0
16:35 - 16:40	0	0
16:40 - 16:45	0	0
16:45 - 16:50	0	0
16:50 - 16:55	0	0

16:55 - 17:00	0	0
17:00 - 17:05	0	0
17:05 - 17:10	0	0
17:10 - 17:15	0	0
17:15 - 17:20	0	0
17:20 - 17:25	0	0
17:25 - 17:30	0	0
17:30 - 17:35	0	0
17:35 - 17:40	0	0
17:40 - 17:45	0	0
17:45 - 17:50	0	0
17:50 - 17:55	0	0
17:55 - 18:00	0	0
18:00 - 18:05	0	0
18:05 - 18:10	0	0
18:10 - 18:15	0	0
18:15 - 18:20	0	0
18:20 - 18:25	0	0
18:25 - 18:30	0	0
18:30 - 18:35	0	0
18:35 - 18:40	0	0
18:40 - 18:45	0	0
18:45 - 18:50	0	0
18:50 - 18:55	0	0
18:55 - 19:00	0	0
19:00 - 19:05	0	0
19:05 - 19:10	0	0
19:10 - 19:15	0	0
19:15 - 19:20	0	0
19:20 - 19:25	0	0
19:25 - 19:30	0	0
19:30 - 19:35	0	0
19:35 - 19:40	0	0
19:40 - 19:45	0	0
19:45 - 19:50	0	0
19:50 - 19:55	0	0

19:55 - 20:00	0	0
20:00 - 20:05	0	0
20:05 - 20:10	0	0
20:10 - 20:15	0	0
20:15 - 20:20	0	0
20:20 - 20:25	0	0
20:25 - 20:30	0	0
20:30 - 20:35	0	0
20:35 - 20:40	0	0
20:40 - 20:45	0	0
20:45 - 20:50	0	0
20:50 - 20:55	0	0
20:55 - 21:00	0	0

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



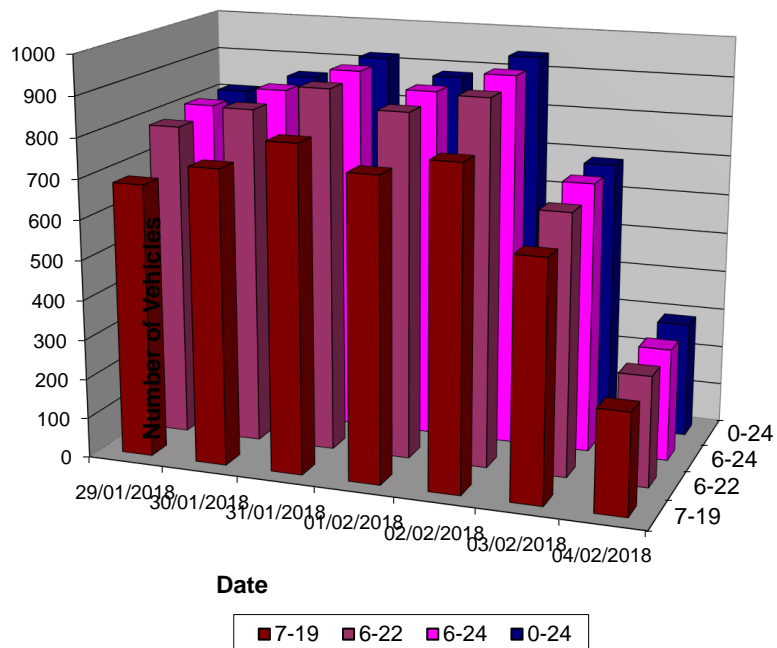
Channel 1 - Eastbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	0	2	1	1	0	1	1
2	0	0	0	0	1	1	1	0	0
3	1	0	0	0	1	0	3	0	1
4	0	0	0	0	1	1	2	0	1
5	1	0	1	1	3	1	0	1	1
6	2	0	1	0	7	1	1	2	2
7	19	5	7	6	50	2	2	17	13
8	24	22	33	26	29	11	10	27	22
9	69	58	71	74	74	19	14	69	54
10	72	85	78	92	85	43	9	82	66
11	49	70	56	64	70	55	39	62	58
12	46	61	66	50	46	50	14	54	48
13	68	62	56	67	64	63	29	63	58
14	55	51	84	37	94	63	26	64	59
15	56	68	67	85	72	72	36	70	65
16	59	69	84	69	74	50	14	71	60
17	92	68	93	80	81	69	22	83	72
18	66	87	85	73	67	56	32	76	67
19	28	37	40	36	41	44	9	36	34
20	23	35	30	38	20	21	9	29	25
21	37	35	35	36	18	15	7	32	26
22	25	31	22	30	25	20	5	27	23
23	12	12	8	13	16	21	4	12	12
24	7	2	3	3	4	5	2	4	4
7-19	684	738	813	753	797	595	254	757	662
6-22	788	844	907	863	910	653	277	862	749
6-24	807	858	918	879	930	679	283	878	765
0-24	811	859	920	882	944	684	290	883	770

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	28.0	-	38.0	28.0	38.0	-
2	-	-	-	-	43.0	23.0	23.0
3	33.0	-	-	-	28.0	-	41.3
4	-	-	-	-	55.5	28.0	33.0
5	43.0	-	38.0	38.0	45.5	48.0	-
6	23.0	-	23.0	-	34.4	28.0	28.0
7	26.7	28.0	25.1	33.8	28.1	35.5	25.5
8	29.9	31.4	31.1	32.0	30.4	32.5	26.0
9	29.2	28.6	27.3	28.0	28.1	31.7	30.5
10	26.1	26.3	27.4	28.2	28.4	28.6	24.1
11	26.5	25.7	26.5	27.8	28.8	26.4	24.9
12	26.9	24.7	26.1	27.3	27.8	26.1	32.3
13	26.5	25.9	25.4	27.5	26.9	27.7	30.7
14	27.9	27.0	25.7	26.6	26.9	26.6	31.1
15	26.1	26.2	26.5	25.1	25.8	26.9	28.7
16	26.8	26.3	24.0	27.2	27.7	27.1	25.5
17	28.2	27.3	26.2	26.6	27.5	26.3	31.0
18	28.5	27.9	27.1	27.1	27.6	25.7	25.8
19	27.6	28.3	29.0	27.7	28.5	28.3	28.0
20	26.9	28.3	27.3	28.3	29.5	26.1	25.2
21	28.9	26.9	28.1	27.3	31.1	28.3	29.4
22	30.2	30.4	28.0	27.0	29.4	29.0	25.0
23	26.8	32.8	27.4	29.5	29.2	27.0	24.2
24	25.9	33.0	28.0	28.0	26.8	29.0	25.5
10-12	26.7	25.3	26.3	27.6	28.4	26.2	26.9
14-16	26.5	26.2	25.1	26.1	26.8	27.0	27.8
0-24	27.6	27.1	26.7	27.5	28.0	27.3	28.2

7 Day Ave 27.5

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	28.5	-	43.5	28.4	38.2	-
2	-	-	-	-	43.4	23.1	23.1
3	33.7	-	-	-	28.3	-	48.6
4	-	-	-	-	55.6	28.1	33.2
5	43.5	-	38.1	38.9	55.7	48.3	-
6	28.6	-	23.8	-	49.0	28.1	28.9
7	28.3	38.3	28.3	48.3	33.1	38.0	28.1
8	38.3	38.6	38.0	38.8	38.4	43.5	33.4
9	38.8	38.6	33.3	38.4	33.4	43.7	38.3
10	33.0	33.3	33.4	33.3	33.5	38.5	33.9
11	33.8	33.3	33.3	33.9	33.2	33.8	33.8
12	33.8	28.8	33.9	33.6	33.5	28.1	43.3
13	33.7	28.8	29.0	33.6	33.3	33.2	38.7
14	33.0	33.6	28.4	33.4	33.6	33.7	38.3
15	33.4	34.0	33.3	33.1	33.5	33.5	38.1
16	28.9	33.9	28.2	33.6	33.2	33.4	33.0
17	33.8	33.2	33.2	33.7	33.9	28.1	38.3
18	33.4	33.7	33.6	33.9	33.7	28.7	28.8
19	34.0	34.0	33.4	33.8	33.5	33.9	38.3
20	33.9	33.2	33.4	33.0	33.4	28.5	28.2
21	33.1	33.5	33.7	33.5	38.1	38.1	33.5
22	38.9	38.1	33.3	33.9	38.8	33.8	33.3
23	33.4	44.0	28.6	38.4	33.5	33.4	28.3
24	33.5	38.7	33.2	43.7	33.8	43.5	28.0
10-12	33.8	33.0	33.2	33.5	33.6	33.5	38.5
14-16	33.1	33.6	28.6	33.5	33.8	33.2	33.2
0-24	33.6	33.1	33.1	33.5	33.0	33.3	33.9

7 Day Ave 33.4

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



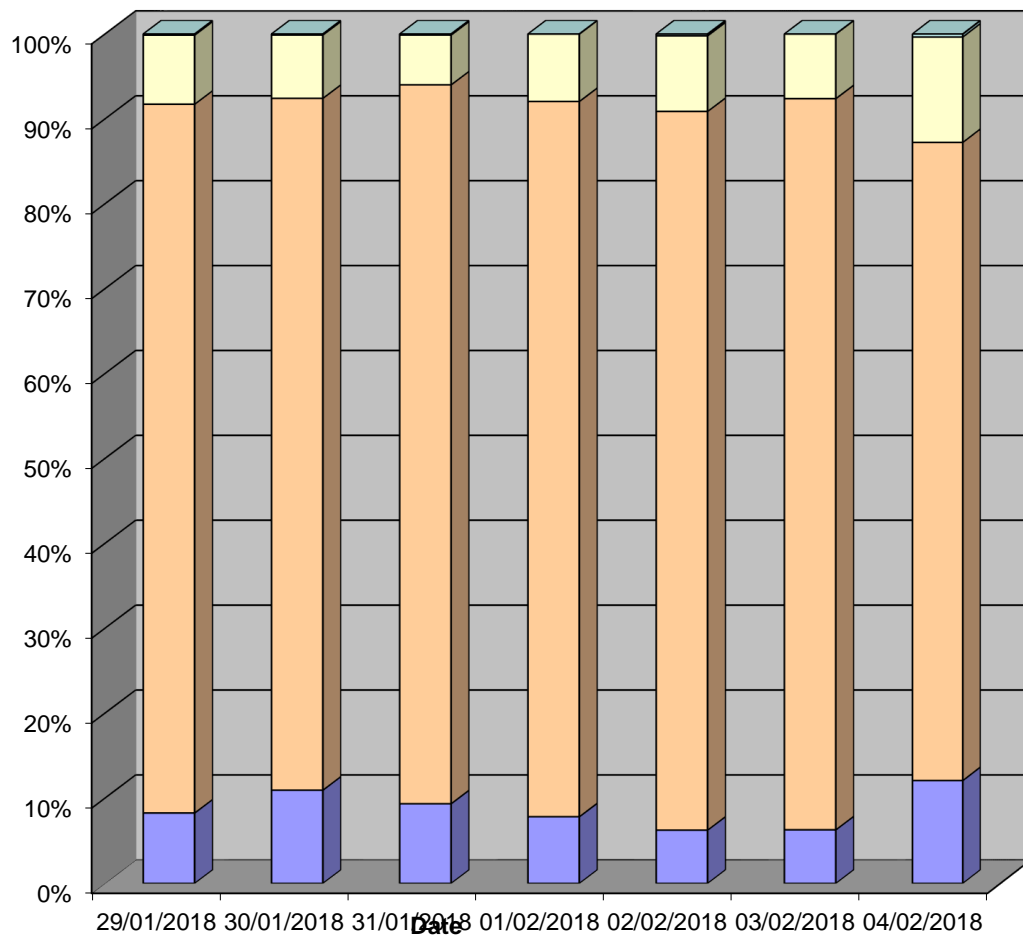
Channel 1 - Eastbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-20	67	94	86	69	59	43	35
21-35	677	700	779	743	799	589	218
36-50	66	64	54	70	84	52	36
51-100	1	1	1	0	2	0	1
TOTAL	811	859	920	882	944	684	290

Speed Summary (MPH)



0-20 21-35 36-50 51-100

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



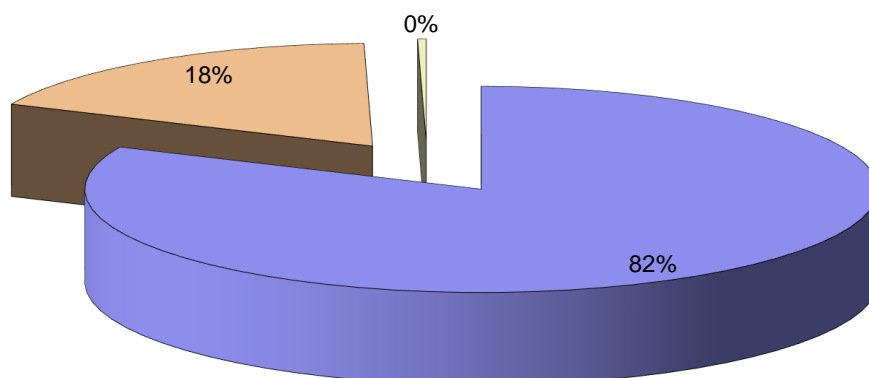
Channel 1 - Eastbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	552	129	3	684
6-22	643	141	4	788
6-24	658	145	4	807
0-24	662	145	4	811
30/01/2018				
7-19	579	158	1	738
6-22	671	172	1	844
6-24	682	175	1	858
0-24	683	175	1	859
31/01/2018				
7-19	657	153	3	813
6-22	743	161	3	907
6-24	753	162	3	918
0-24	754	163	3	920
01/02/2018				
7-19	590	161	2	753
6-22	689	172	2	863
6-24	704	173	2	879
0-24	707	173	2	882
02/02/2018				
7-19	627	165	5	797
6-22	710	195	5	910
6-24	729	196	5	930
0-24	740	199	5	944
03/02/2018				
7-19	523	70	2	595
6-22	573	78	2	653
6-24	596	80	3	679
0-24	600	81	3	684
04/02/2018				
7-19	223	30	1	254
6-22	245	31	1	277
6-24	251	31	1	283
0-24	258	31	1	290
Average				
7-19	536	124	2	662
6-22	611	136	3	749
6-24	625	137	3	765
0-24	629	138	3	770

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



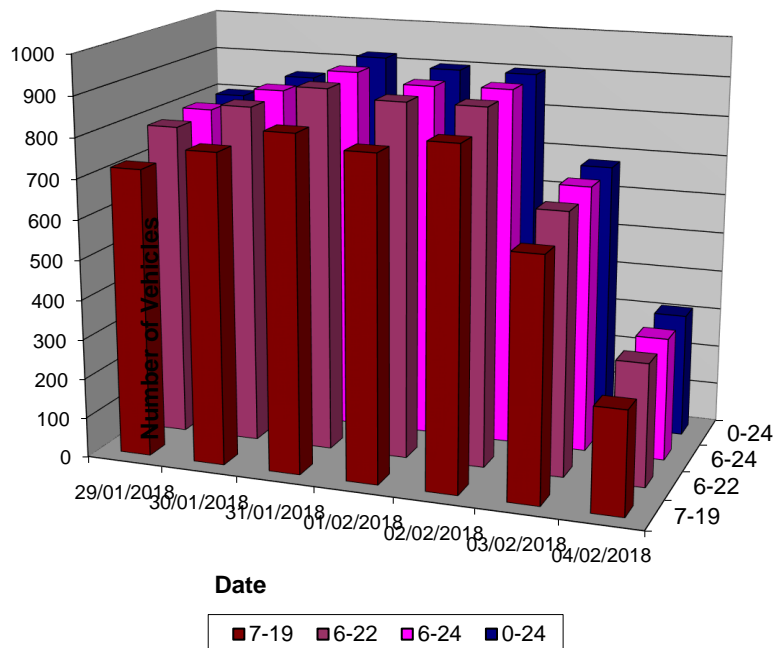
Channel 2 - Westbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	1	1	0	1	1	1	1
2	0	0	0	2	1	0	2	1	1
3	0	0	0	0	1	1	0	0	0
4	0	0	1	1	1	1	0	1	1
5	0	0	0	1	0	0	0	0	0
6	3	0	4	4	2	4	0	3	2
7	13	9	9	12	4	3	3	9	8
8	31	34	36	31	31	8	3	33	25
9	94	97	93	90	87	28	8	92	71
10	43	74	59	66	59	34	12	60	50
11	61	81	65	69	81	70	22	71	64
12	55	58	71	53	83	75	13	64	58
13	74	62	62	64	75	58	43	67	63
14	52	62	75	74	93	56	28	71	63
15	49	48	57	72	64	56	26	58	53
16	101	80	105	88	94	57	30	94	79
17	76	83	106	83	85	67	24	87	75
18	66	76	77	86	64	66	22	74	65
19	19	22	30	28	24	26	27	25	25
20	23	24	36	32	19	25	31	27	27
21	17	29	15	24	12	17	8	19	17
22	13	11	11	15	13	9	7	13	11
23	3	4	7	4	6	10	1	5	5
24	6	3	1	1	2	6	1	3	3
7-19	721	777	836	804	840	601	258	796	691
6-22	787	850	907	887	888	655	307	864	754
6-24	796	857	915	892	896	671	309	871	762
0-24	799	858	921	901	901	678	312	876	767

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	28.0	43.0	38.0	-	28.0	23.0
2	-	-	-	45.5	38.0	-	28.0
3	-	-	-	-	55.5	43.0	-
4	-	-	48.0	43.0	23.0	28.0	-
5	-	-	-	48.0	-	-	-
6	40.5	-	21.8	30.5	44.2	36.8	-
7	30.3	31.3	30.2	29.2	34.2	31.3	33.0
8	28.0	29.0	27.2	29.6	27.7	25.5	23.0
9	25.2	26.5	27.2	26.2	27.1	26.4	26.1
10	26.0	25.6	26.1	26.0	26.1	25.7	28.4
11	24.2	24.5	25.9	25.8	27.7	26.4	28.6
12	24.2	25.3	24.4	25.3	26.7	23.7	26.8
13	23.9	27.0	25.2	26.0	25.7	24.5	24.0
14	24.1	26.1	24.3	26.2	26.5	26.2	28.5
15	25.4	24.1	24.8	23.3	24.3	24.5	28.4
16	26.2	24.6	25.9	26.0	26.7	24.7	27.3
17	26.2	27.6	26.0	26.1	26.2	25.6	28.0
18	26.4	26.2	25.1	26.1	27.2	25.1	27.5
19	27.6	25.3	27.5	26.4	25.9	25.9	27.3
20	24.5	27.7	25.5	24.6	25.6	26.2	22.9
21	28.0	25.2	27.0	25.7	28.8	26.5	23.0
22	26.5	24.8	23.9	26.3	25.7	24.7	20.1
23	26.3	32.4	29.4	21.8	27.2	25.5	23.0
24	25.5	24.7	23.0	23.0	33.0	26.3	23.0
10-12	24.2	24.8	25.1	25.5	27.2	25.0	27.9
14-16	26.0	24.4	25.5	24.8	25.7	24.6	27.8
0-24	25.6	26.1	25.8	26.0	26.6	25.4	26.5

7 Day Ave 26.0

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	28.5	43.9	38.5	-	28.9	23.8
2	-	-	-	48.1	38.7	-	33.7
3	-	-	-	-	55.8	43.7	-
4	-	-	48.4	43.1	23.4	28.4	-
5	-	-	-	48.2	-	-	-
6	56.1	-	28.3	38.0	55.9	43.7	-
7	43.8	43.4	38.3	38.7	43.9	43.1	43.4
8	38.9	43.8	38.2	38.5	33.1	33.8	33.0
9	33.3	33.8	33.5	33.6	33.6	33.7	28.2
10	33.5	33.7	33.2	38.2	33.3	33.5	38.2
11	33.1	28.7	33.6	33.5	38.1	38.2	38.5
12	33.6	29.0	28.4	38.7	33.2	28.2	33.4
13	28.4	38.3	28.9	33.8	33.1	28.3	28.1
14	29.0	33.5	28.5	33.4	33.4	33.8	38.3
15	33.1	33.4	28.2	28.9	34.0	38.1	38.6
16	33.9	28.7	33.7	33.7	33.5	33.5	38.8
17	33.6	38.2	33.7	33.1	38.5	33.8	33.5
18	33.3	38.4	33.6	33.6	34.0	33.8	33.2
19	38.1	28.5	33.8	38.7	33.2	33.3	38.9
20	33.5	33.8	33.2	28.0	33.4	34.0	28.4
21	38.2	33.5	28.8	33.4	43.4	33.8	28.3
22	34.0	28.4	28.2	33.4	33.3	28.7	23.8
23	33.1	56.0	44.0	23.3	33.5	28.9	23.2
24	38.0	33.2	23.1	24.0	43.1	43.9	23.4
10-12	33.3	28.6	33.1	33.8	38.5	33.4	33.2
14-16	33.5	33.5	33.8	33.7	34.0	33.1	38.9
0-24	33.9	33.7	33.4	33.4	33.6	34.0	33.6

7 Day Ave 33.7

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



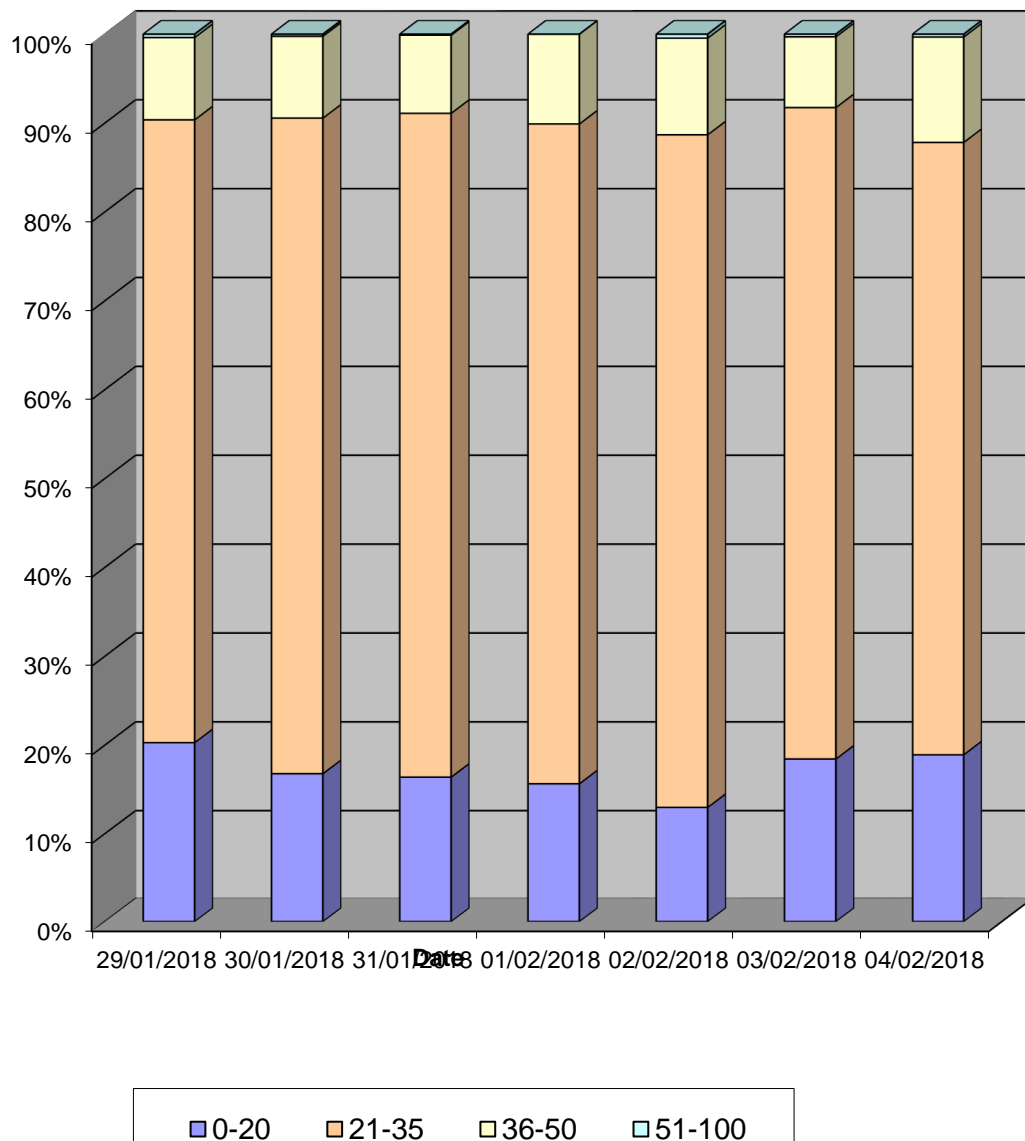
Channel 2 - Westbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-20	162	144	151	141	117	125	59
21-35	560	633	688	669	682	497	215
36-50	74	79	81	91	98	54	37
51-100	3	2	1	0	4	2	1
TOTAL	799	858	921	901	901	678	312

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



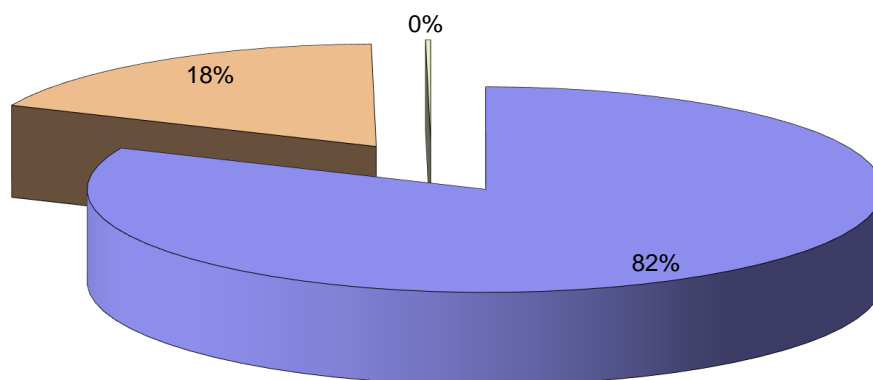
Channel 2 - Westbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	587	133	1	721
6-22	644	142	1	787
6-24	652	143	1	796
0-24	654	144	1	799
30/01/2018				
7-19	610	166	1	777
6-22	671	178	1	850
6-24	677	179	1	857
0-24	677	180	1	858
31/01/2018				
7-19	678	156	2	836
6-22	741	164	2	907
6-24	749	164	2	915
0-24	753	166	2	921
01/02/2018				
7-19	637	165	2	804
6-22	712	173	2	887
6-24	717	173	2	892
0-24	724	175	2	901
02/02/2018				
7-19	645	192	3	840
6-22	690	195	3	888
6-24	697	196	3	896
0-24	702	196	3	901
03/02/2018				
7-19	528	72	1	601
6-22	574	79	2	655
6-24	587	82	2	671
0-24	594	82	2	678
04/02/2018				
7-19	226	32	0	258
6-22	272	35	0	307
6-24	274	35	0	309
0-24	277	35	0	312
Average				
7-19	559	131	1	691
6-22	615	138	2	754
6-24	622	139	2	762
0-24	626	140	2	767

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



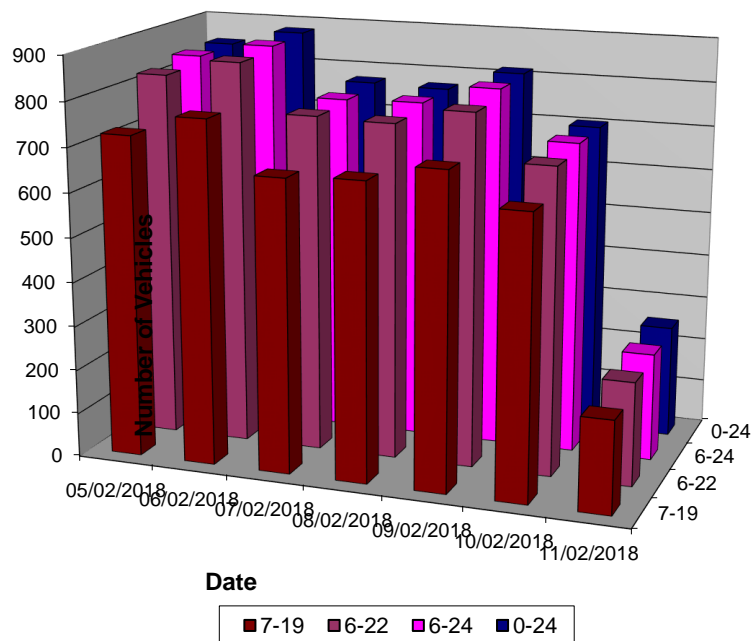
Channel 1 - Eastbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	4	0	0	1	4	1	1
2	0	0	0	0	0	1	4	0	1
3	0	0	0	0	1	0	1	0	0
4	0	0	0	0	1	0	1	0	0
5	1	2	0	0	0	0	0	1	0
6	1	2	5	1	3	0	0	2	2
7	22	7	14	3	15	2	1	12	9
8	23	29	20	24	27	12	8	25	20
9	65	70	47	53	51	21	21	57	47
10	78	79	58	50	61	44	9	65	54
11	70	82	54	67	78	56	33	70	63
12	51	69	60	53	53	58	13	57	51
13	56	53	68	70	61	60	18	62	55
14	73	64	62	61	62	54	27	64	58
15	49	64	56	71	67	84	15	61	58
16	94	75	72	63	65	68	11	74	64
17	73	69	68	52	84	60	18	69	61
18	61	76	60	67	50	77	23	63	59
19	32	43	34	36	45	37	15	38	35
20	26	25	43	23	26	17	6	29	24
21	38	28	26	38	22	22	9	30	26
22	16	32	16	23	23	16	9	22	19
23	9	7	5	7	14	11	5	8	8
24	7	3	1	7	6	3	3	5	4
7-19	725	773	659	667	704	631	211	706	624
6-22	827	865	758	754	790	688	236	799	703
6-24	843	875	764	768	810	702	244	812	715
0-24	845	880	773	769	815	704	254	816	720

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	28.0	28.0	-	-	33.0	14.2
2	-	-	-	-	-	28.0	24.2
3	-	-	-	-	38.0	-	28.0
4	-	-	-	-	28.0	-	23.0
5	48.0	28.0	-	-	-	-	-
6	38.0	25.5	32.0	43.0	26.3	-	-
7	31.0	30.1	23.7	36.3	29.0	33.0	23.0
8	28.7	25.4	27.0	30.1	28.2	30.5	19.5
9	28.5	27.6	29.2	29.7	29.5	29.9	23.6
10	27.0	27.1	28.4	30.0	27.5	28.5	21.9
11	27.4	26.0	28.2	26.4	26.8	26.8	20.4
12	27.0	24.8	28.2	26.5	27.7	27.7	21.5
13	27.2	25.9	25.3	25.7	27.1	27.3	24.9
14	27.0	25.8	25.2	26.1	27.8	26.0	27.4
15	28.3	27.1	26.3	26.7	27.9	26.8	20.7
16	26.1	26.2	27.5	26.7	28.0	25.4	26.6
17	27.3	26.5	26.5	28.1	26.1	25.9	23.8
18	28.8	25.3	27.6	28.4	26.4	28.1	22.8
19	29.4	25.0	26.8	28.6	28.6	26.5	22.0
20	29.2	25.8	27.9	26.7	28.2	28.9	24.7
21	29.3	26.0	26.7	27.3	27.5	27.5	23.6
22	26.8	26.4	28.3	28.0	28.0	26.4	23.0
23	26.9	25.9	24.0	27.3	28.7	28.0	23.0
24	30.9	33.0	33.0	28.7	29.7	23.0	18.0
10-12	27.2	25.5	28.2	26.4	27.2	27.2	20.7
14-16	26.9	26.6	27.0	26.7	27.9	26.2	23.2
0-24	27.8	26.2	27.1	27.5	27.6	27.1	23.0

7 Day Ave 26.6

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	28.3	38.3	-	-	33.8	18.7
2	-	-	-	-	-	28.4	38.7
3	-	-	-	-	38.3	-	28.4
4	-	-	-	-	28.0	-	24.0
5	48.4	28.7	-	-	-	-	-
6	38.4	33.3	48.6	43.7	33.8	-	-
7	38.9	43.8	33.2	48.5	38.8	38.8	23.6
8	33.6	28.2	33.1	38.2	33.8	44.0	23.5
9	38.9	33.6	38.9	39.0	38.3	43.3	33.2
10	28.5	34.0	33.1	33.5	33.5	38.2	28.6
11	33.3	28.2	38.7	33.0	33.6	33.7	23.7
12	33.9	28.9	38.9	33.4	33.8	33.0	28.5
13	33.3	28.1	28.2	28.3	28.6	33.3	28.9
14	33.3	29.0	28.9	33.8	33.2	28.7	33.3
15	33.2	33.6	33.8	33.9	33.2	33.1	23.7
16	33.3	28.6	33.4	33.8	33.4	28.1	33.9
17	33.0	33.9	28.5	33.2	28.6	33.3	28.3
18	33.7	33.6	33.8	33.1	33.3	33.4	28.4
19	33.8	33.2	33.8	33.0	33.5	33.6	28.0
20	33.3	28.9	33.4	33.2	33.4	33.3	28.3
21	33.7	33.1	33.2	33.4	33.6	33.3	29.0
22	28.4	33.4	33.3	28.2	33.1	33.8	28.8
23	28.8	38.8	28.4	44.0	38.5	33.3	33.6
24	38.7	38.2	33.2	33.9	33.2	33.4	23.6
10-12	33.4	28.4	38.6	33.6	34.0	33.4	28.3
14-16	33.1	33.4	33.1	33.7	33.9	33.8	28.5
0-24	33.4	33.5	33.2	33.1	34.0	33.4	28.8

7 Day Ave 32.8

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



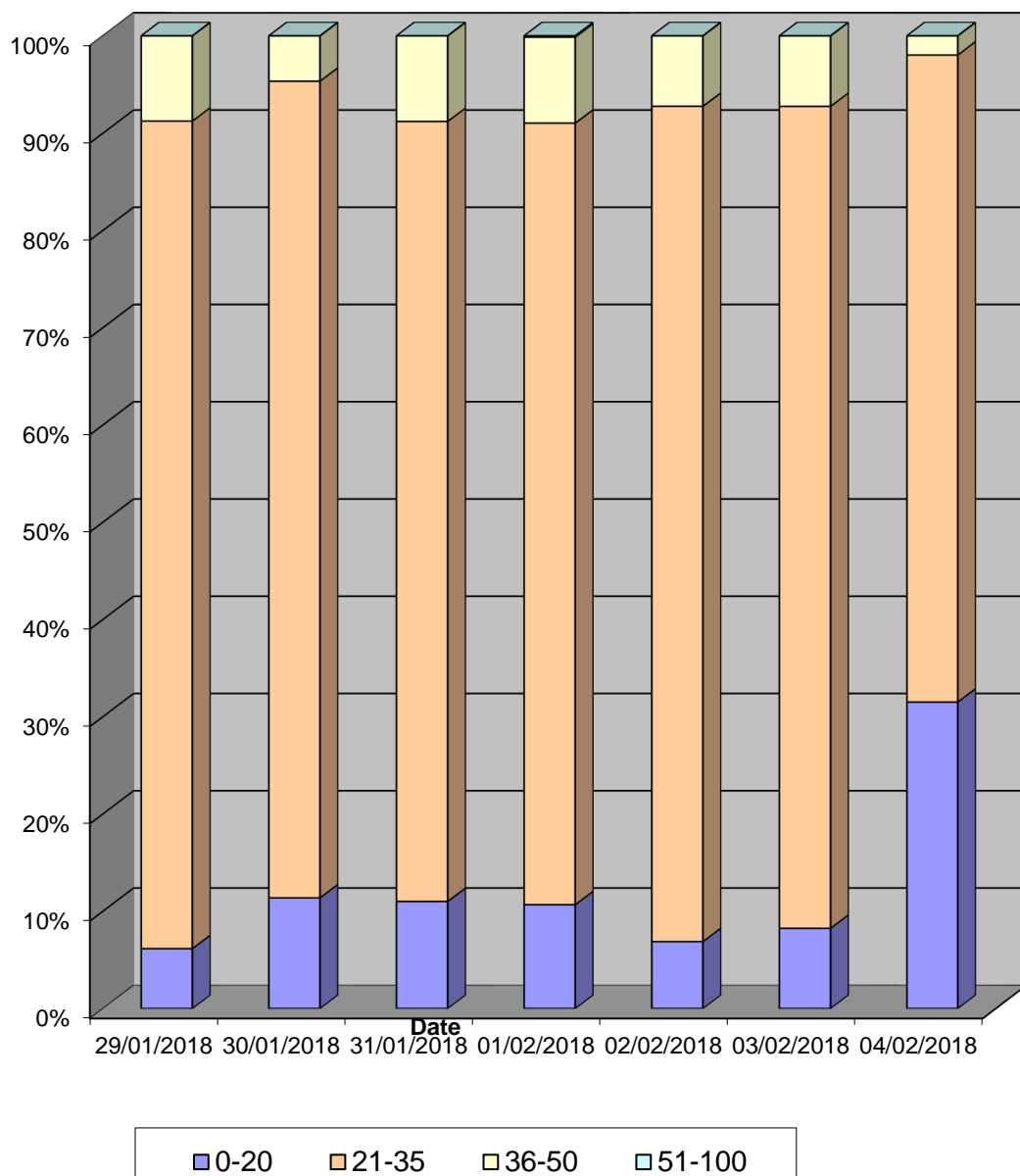
Channel 1 - Eastbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-20	52	100	85	82	56	58	80
21-35	719	739	620	618	700	595	169
36-50	74	41	68	68	59	51	5
51-100	0	0	0	1	0	0	0
TOTAL	845	880	773	769	815	704	254

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



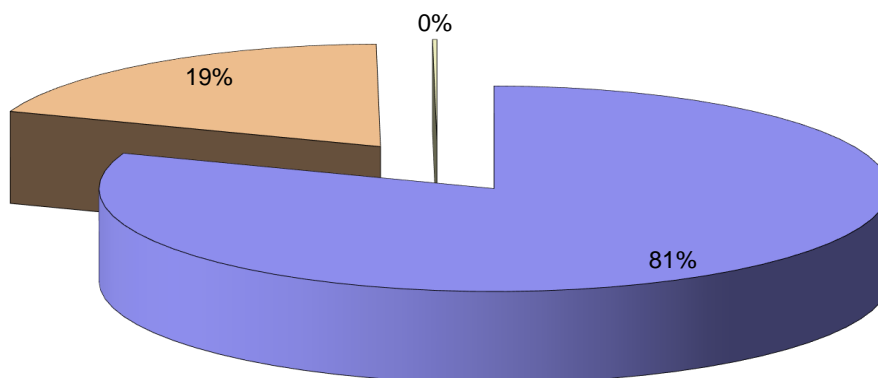
Channel 1 - Eastbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	575	149	1	725
6-22	660	166	1	827
6-24	675	167	1	843
0-24	676	168	1	845
06/02/2018				
7-19	608	165	0	773
6-22	685	180	0	865
6-24	694	181	0	875
0-24	698	182	0	880
07/02/2018				
7-19	505	150	4	659
6-22	594	160	4	758
6-24	600	160	4	764
0-24	607	162	4	773
08/02/2018				
7-19	515	151	1	667
6-22	593	160	1	754
6-24	607	160	1	768
0-24	608	160	1	769
09/02/2018				
7-19	561	141	2	704
6-22	632	156	2	790
6-24	648	160	2	810
0-24	650	163	2	815
10/02/2018				
7-19	546	84	1	631
6-22	594	93	1	688
6-24	607	94	1	702
0-24	609	94	1	704
11/02/2018				
7-19	177	34	0	211
6-22	198	38	0	236
6-24	204	40	0	244
0-24	214	40	0	254
Average				
7-19	498	125	1	624
6-22	565	136	1	703
6-24	576	137	1	715
0-24	580	138	1	720

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



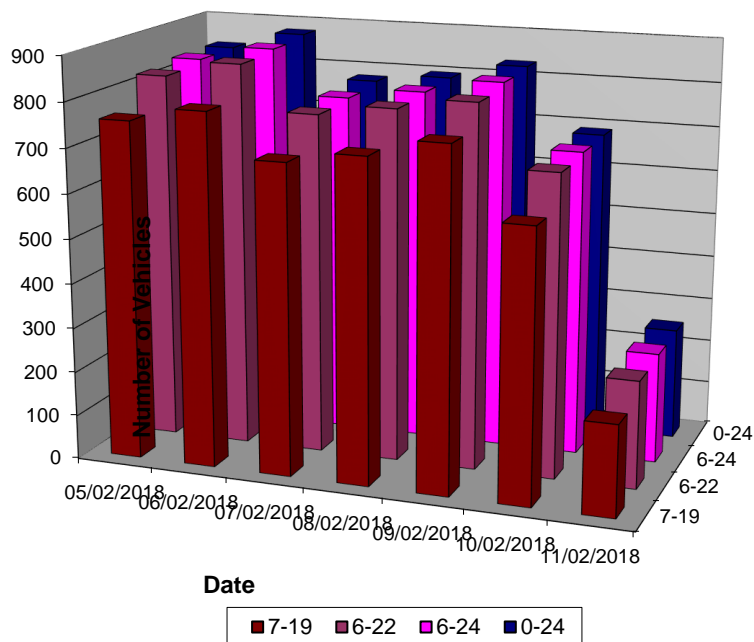
Channel 2 - Westbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	1	0	0	4	1	0	1
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	2	0	0
4	1	1	1	0	1	0	0	1	1
5	0	0	2	1	0	0	0	1	0
6	0	7	5	2	6	0	0	4	3
7	10	8	12	7	4	3	0	8	6
8	35	33	32	35	31	13	13	33	27
9	90	84	62	50	40	21	8	65	51
10	62	67	46	53	56	40	7	57	47
11	64	75	67	57	70	48	17	67	57
12	58	71	63	63	74	60	10	66	57
13	59	59	56	49	79	63	39	60	58
14	57	64	66	71	72	61	16	66	58
15	64	50	57	69	69	60	18	62	55
16	104	101	80	75	81	60	24	88	75
17	86	74	68	88	101	79	21	83	74
18	60	77	67	75	56	76	13	67	61
19	19	35	30	35	30	23	20	30	27
20	26	24	19	24	15	18	19	22	21
21	19	27	23	15	16	35	12	20	21
22	13	13	15	21	18	16	6	16	15
23	7	7	4	3	10	8	4	6	6
24	3	0	2	3	3	0	2	2	2
7-19	758	790	694	720	759	604	206	744	647
6-22	826	862	763	787	812	676	243	810	710
6-24	836	869	769	793	825	684	249	818	718
0-24	837	877	778	796	832	688	252	824	723

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	23.0	-	-	29.2	18.0
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	18.0
4	55.5	38.0	23.0	-	38.0	-	-
5	-	-	30.5	28.0	-	-	-
6	-	20.1	25.0	30.5	27.2	-	-
7	31.0	28.6	26.3	30.9	25.5	28.0	-
8	28.6	25.3	27.4	27.9	26.9	28.4	18.4
9	27.4	27.8	27.3	27.2	27.8	30.1	17.6
10	25.3	26.0	27.7	28.2	27.0	26.5	22.3
11	26.5	25.3	26.4	24.5	26.2	24.0	23.6
12	24.9	23.6	25.1	25.9	27.0	25.2	21.0
13	24.5	26.4	25.0	26.0	25.3	27.2	22.6
14	26.0	24.9	24.4	25.3	28.1	25.5	24.9
15	26.1	24.2	26.0	24.3	26.4	23.4	24.7
16	25.4	26.7	25.5	25.3	25.4	27.4	30.7
17	26.6	26.0	25.9	28.2	25.6	26.4	24.9
18	28.3	26.3	25.7	27.9	27.3	26.3	23.0
19	27.5	25.6	26.7	26.3	27.0	27.1	24.2
20	26.1	26.8	24.3	24.5	28.0	26.3	21.4
21	24.8	23.9	23.9	23.7	23.0	23.9	23.8
22	27.2	24.2	23.0	27.5	25.5	23.6	18.8
23	25.1	25.9	28.0	21.3	22.5	24.2	24.2
24	28.0	-	28.0	24.7	29.7	-	13.0
10-12	25.7	24.4	25.8	25.2	26.6	24.7	22.6
14-16	25.6	25.9	25.7	24.8	25.8	25.4	28.1
0-24	26.3	25.7	25.8	26.3	26.4	25.9	23.4

7 Day Ave 25.7

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	23.0	-	-	33.2	18.2
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	23.3
4	56.4	38.8	23.8	-	38.3	-	-
5	-	-	33.5	28.3	-	-	-
6	-	28.0	28.2	33.1	43.3	-	-
7	38.1	33.4	38.6	43.4	38.7	28.5	-
8	38.5	33.1	33.9	38.6	33.7	44.0	28.1
9	38.4	33.3	33.9	33.8	38.8	43.8	24.0
10	33.1	33.6	38.7	38.6	33.8	38.4	28.3
11	33.5	33.5	33.0	33.7	38.3	28.5	28.6
12	28.7	28.6	33.7	33.8	38.8	28.5	23.3
13	28.5	33.3	29.0	33.4	33.7	33.7	28.9
14	33.4	33.9	33.0	33.8	38.9	33.0	38.3
15	33.9	28.8	34.0	28.7	33.2	28.6	33.8
16	34.0	38.6	33.1	33.7	33.4	33.9	43.2
17	33.6	38.4	33.3	38.7	33.6	33.3	33.3
18	38.5	33.7	33.6	38.2	38.4	33.1	33.1
19	33.6	33.2	33.8	28.8	33.2	33.4	28.5
20	33.1	33.1	28.0	28.1	33.6	33.8	23.5
21	33.2	28.2	28.1	28.2	28.6	28.4	28.6
22	33.3	28.8	28.6	39.0	33.1	33.4	28.0
23	38.0	34.0	43.3	28.8	28.1	28.7	33.3
24	38.2	-	33.4	33.2	38.6	-	13.1
10-12	33.4	28.3	33.5	33.2	38.8	28.4	28.3
14-16	33.5	33.7	33.7	33.2	33.6	33.7	38.8
0-24	33.6	33.8	33.5	33.9	33.4	33.5	33.6

7 Day Ave 33.6

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



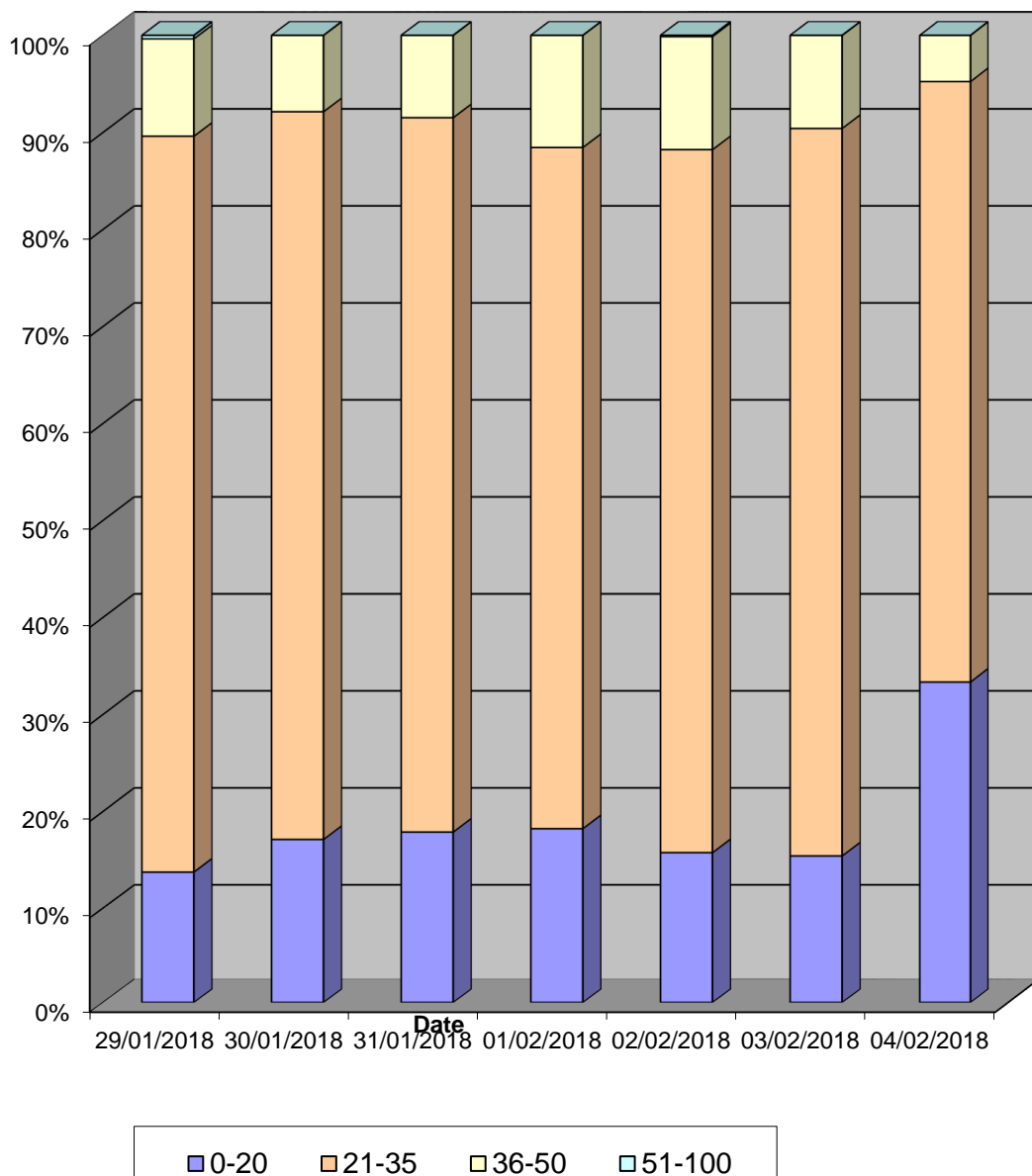
Channel 2 - Westbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-20	115	150	139	145	131	106	84
21-35	635	658	573	559	603	516	156
36-50	84	69	66	92	97	66	12
51-100	3	0	0	0	1	0	0
TOTAL	837	877	778	796	832	688	252

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



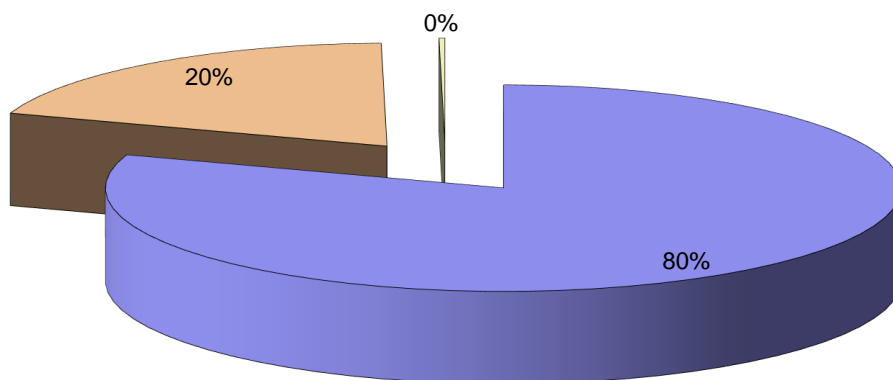
Channel 2 - Westbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	617	139	2	758
6-22	673	151	2	826
6-24	681	153	2	836
0-24	681	154	2	837
06/02/2018				
7-19	631	159	0	790
6-22	693	169	0	862
6-24	698	171	0	869
0-24	702	175	0	877
07/02/2018				
7-19	531	159	4	694
6-22	585	173	5	763
6-24	590	174	5	769
0-24	599	174	5	778
08/02/2018				
7-19	553	166	1	720
6-22	610	176	1	787
6-24	615	177	1	793
0-24	618	177	1	796
09/02/2018				
7-19	603	156	0	759
6-22	646	166	0	812
6-24	656	169	0	825
0-24	659	173	0	832
10/02/2018				
7-19	518	84	2	604
6-22	578	95	3	676
6-24	585	96	3	684
0-24	587	98	3	688
11/02/2018				
7-19	175	30	1	206
6-22	205	37	1	243
6-24	209	39	1	249
0-24	212	39	1	252
Average				
7-19	518	128	1	647
6-22	570	138	2	710
6-24	576	140	2	718
0-24	580	141	2	723

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	311	359	320	382	344	384	290	383	379
Mean Speed	27.6	27.1	26.7	27.5	28.0	27.3	28.2	27.4	27.5
85thile Speed	33.6	33.1	33.1	33.5	33.0	33.3	33.9	33.3	33.4
No. Vehicles > 30 MPH Limit	203	205	170	218	261	157	97	211	187
% Vehicles > 30 MPH Limit	25.0	23.9	18.5	24.7	27.6	23.0	33.4	23.9	25.2
No. Vehicles > 45 MPH	3	5	4	3	5	4	4	4	4
% Vehicles > 45 MPH	0.4	0.6	0.4	0.3	0.5	0.6	1.4	0.5	0.6

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	799	858	921	901	901	678	312	876	767
Mean Speed	25.6	25.1	25.8	26.0	26.6	25.4	26.5	26.9	26.0
85thile Speed	33.9	33.7	33.4	33.4	33.6	34.0	33.6	33.6	33.7
No. Vehicles > 30 MPH Limit	163	165	167	168	205	114	75	174	151
% Vehicles > 30 MPH Limit	20.4	19.2	18.1	18.6	22.8	16.8	24.0	19.8	20.0
No. Vehicles > 45 MPH	8	11	8	11	13	6	3	10	9
% Vehicles > 45 MPH	1.0	1.3	0.9	1.2	1.4	0.9	1.0	1.2	1.1

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	1610	1717	1841	1783	1845	1362	602	1759	1537
Mean Speed	26.6	26.6	26.3	26.8	27.3	26.4	27.4	26.7	26.7
85thile Speed	33.8	33.4	33.3	33.5	33.3	33.6	33.8	33.4	33.5
No. Vehicles > 30 MPH Limit	366	370	337	386	466	271	172	385	338
% Vehicles > 30 MPH Limit	22.7	21.5	18.3	21.6	25.3	19.9	28.6	21.9	22.6
No. Vehicles > 45 MPH	11	16	12	14	18	10	7	14	13
% Vehicles > 45 MPH	0.7	0.9	0.7	0.8	1.0	0.7	1.2	0.8	0.8

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	560	624	638	629	693	529	212	629	555
Mean Speed	28.2	27.9	27.2	29.2	31.5	29.3	28.1	28.8	28.8
85%ile Speed	33.6	34.3	31.6	36.3	36.9	34.2	33.9	34.5	34.4
No. Vehicles > 30 MPH Limit	125	134	104	151	199	127	74	143	131
% Vehicles > 30 MPH Limit	22.3	21.5	16.3	24.0	28.7	24.0	34.9	22.6	24.5
No. Vehicles > 45 MPH	1	5	1	2	5	2	4	3	3
% Vehicles > 45 MPH	0.2	0.8	0.2	0.3	0.7	0.4	1.9	0.4	0.6

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	532	568	609	611	634	509	255	591	531
Mean Speed	26.9	26.4	28.0	29.5	30.3	27.7	26.0	28.2	27.8
85%ile Speed	36.0	34.0	33.2	35.6	37.6	34.7	32.6	35.3	34.8
No. Vehicles > 30 MPH Limit	100	98	100	109	142	85	60	110	99
% Vehicles > 30 MPH Limit	18.8	17.3	16.4	17.8	22.4	16.7	23.5	18.5	19.0
No. Vehicles > 45 MPH	5	5	6	5	9	3	3	6	5
% Vehicles > 45 MPH	0.9	0.9	1.0	0.8	1.4	0.6	1.2	1.0	1.0

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	1092	1192	1247	1240	1327	1038	467	1220	1086
Mean Speed	27.5	27.1	27.6	29.4	30.9	28.5	27.0	28.5	28.3
85%ile Speed	34.8	34.2	32.4	36.0	37.2	34.4	33.2	34.9	34.6
No. Vehicles > 30 MPH Limit	225	232	204	260	341	212	134	252	230
% Vehicles > 30 MPH Limit	20.6	19.5	16.4	21.0	25.7	20.4	28.7	20.6	21.7
No. Vehicles > 45 MPH	6	10	7	7	14	5	7	9	8
% Vehicles > 45 MPH	0.5	0.8	0.6	0.6	1.1	0.5	1.5	0.7	0.8

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	345	380	273	269	315	204	254	315	229
Mean Speed	27.8	26.2	27.1	27.5	27.6	27.1	23.0	27.2	26.6
85thile Speed	33.1	33.1	33.5	33.5	33.8	33.1	28.5	33.4	32.7
No. Vehicles > 30 MPH Limit	218	140	176	210	197	159	24	188	161
% Vehicles > 30 MPH Limit	25.8	15.9	22.8	27.3	24.2	22.6	9.4	23.2	21.1
No. Vehicles > 45 MPH	4	0	3	4	3	2	0	3	2
% Vehicles > 45 MPH	0.5	0.0	0.4	0.5	0.4	0.3	0.0	0.3	0.3

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	537	877	778	796	832	688	252	624	725
Mean Speed	26.3	25.7	25.8	26.3	26.4	25.9	23.4	26.1	25.7
85thile Speed	33.2	33.5	33.2	33.7	33.5	33.3	33.4	33.4	33.4
No. Vehicles > 30 MPH Limit	178	164	147	184	191	138	35	173	148
% Vehicles > 30 MPH Limit	21.3	18.7	18.9	23.1	23.0	20.1	13.9	21.0	19.8
No. Vehicles > 45 MPH	7	4	7	6	7	7	1	6	6
% Vehicles > 45 MPH	0.8	0.5	0.9	0.8	0.8	1.0	0.4	0.9	0.7

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	1682	1757	1551	1565	1647	1392	506	1640	1443
Mean Speed	27.1	26.0	26.5	26.9	27.0	26.5	23.2	26.7	26.2
85thile Speed	33.1	33.3	33.4	33.6	33.6	33.2	31.0	33.4	33.0
No. Vehicles > 30 MPH Limit	396	304	323	394	388	297	59	361	309
% Vehicles > 30 MPH Limit	23.5	17.3	20.8	25.2	23.6	21.3	11.7	22.1	20.5
No. Vehicles > 45 MPH	11	4	10	10	10	9	1	9	8
% Vehicles > 45 MPH	0.7	0.2	0.6	0.6	0.6	0.6	0.2	0.6	0.5

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Class excepted) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 01, A859 West of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	623	636	578	573	603	534	184	603	533
Mean Speed	30.0	26.9	27.5	28.9	28.5	27.7	22.8	28.3	27.5
85%ile Speed	34.5	32.4	34.4	35.2	33.7	33.1	27.9	34.0	33.0
No. Vehicles > 30 MPH Limit	151	97	130	139	146	115	17	133	114
% Vehicles > 30 MPH Limit	24.2	15.3	22.5	24.3	24.2	21.5	9.2	22.1	20.2
No. Vehicles > 45 MPH	3	0	3	4	3	1	0	3	2
% Vehicles > 45 MPH	0.5	0.0	0.5	0.7	0.5	0.2	0.0	0.4	0.3

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	566	609	549	548	604	499	197	575	510
Mean Speed	28.3	26.0	25.7	26.1	27.0	25.8	22.1	26.6	25.8
85%ile Speed	35.4	32.5	32.1	32.8	35.3	31.8	28.3	33.6	32.6
No. Vehicles > 30 MPH Limit	104	106	96	109	136	94	26	110	96
% Vehicles > 30 MPH Limit	18.4	17.4	17.5	19.9	22.5	18.8	13.2	19.1	18.2
No. Vehicles > 45 MPH	5	2	6	3	4	6	1	4	4
% Vehicles > 45 MPH	0.9	0.3	1.1	0.5	0.7	1.2	0.5	0.7	0.7

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	1189	1245	1127	1121	1207	1033	381	1178	1043
Mean Speed	29.1	26.4	26.6	27.5	27.8	26.7	22.4	27.5	26.6
85%ile Speed	34.9	32.4	33.2	34.0	34.5	32.4	28.1	33.8	32.8
No. Vehicles > 30 MPH Limit	255	203	226	248	282	209	43	243	209
% Vehicles > 30 MPH Limit	21.4	16.3	20.1	22.1	23.4	20.2	11.3	20.7	19.3
No. Vehicles > 45 MPH	8	2	9	7	7	7	1	7	6
% Vehicles > 45 MPH	0.7	0.2	0.8	0.6	0.6	0.7	0.3	0.6	0.5

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



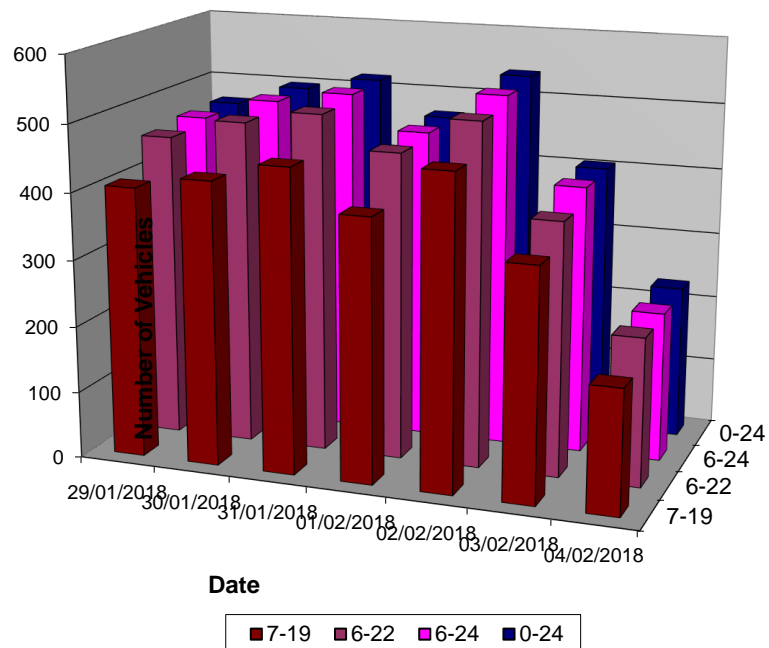
Channel 1 - Eastbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	2	1	1	0	1
2	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	0	3	0	0
4	0	0	0	0	1	0	1	0	0
5	1	0	0	1	3	1	0	1	1
6	1	0	2	0	2	1	1	1	1
7	3	2	3	3	5	2	1	3	3
8	13	15	20	20	25	6	4	19	15
9	43	39	43	40	37	18	11	40	33
10	31	38	34	37	39	24	7	36	30
11	24	30	24	39	37	30	11	31	28
12	32	33	37	37	48	27	13	37	32
13	27	31	44	28	29	28	55	32	35
14	37	34	47	22	47	38	16	37	34
15	29	48	43	31	42	30	25	39	35
16	45	41	25	40	48	38	9	40	35
17	62	33	49	49	43	43	15	47	42
18	40	51	56	35	46	34	10	46	39
19	23	32	32	15	25	30	10	25	24
20	13	16	17	14	15	8	20	15	15
21	23	29	20	20	10	12	11	20	18
22	12	15	13	29	17	11	4	17	14
23	6	7	3	4	12	16	2	6	7
24	2	4	6	3	4	7	0	4	4
7-19	406	425	454	393	466	346	186	429	382
6-22	457	487	507	459	513	379	222	485	432
6-24	465	498	516	466	529	402	224	495	443
0-24	467	498	518	467	538	405	230	498	446

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	25.5	43.0	25.5
2	-	-	-	-	48.0	-	-
3	-	-	-	-	-	-	42.2
4	-	-	-	-	58.0	-	43.0
5	48.0	-	-	38.0	46.3	53.0	-
6	25.5	-	20.5	-	31.8	43.0	38.0
7	31.3	34.2	21.3	44.7	35.5	34.2	33.0
8	31.5	32.5	34.8	33.2	31.9	28.8	22.4
9	33.7	33.1	30.2	33.8	32.5	33.4	33.5
10	29.0	31.0	32.6	34.2	32.4	30.3	29.8
11	31.3	31.5	29.9	31.7	29.1	30.9	29.6
12	29.0	25.6	29.8	28.4	28.3	28.7	34.9
13	29.9	26.1	27.0	28.8	30.7	29.2	27.3
14	28.3	29.6	29.0	27.4	31.7	28.5	33.0
15	29.9	28.8	30.1	28.3	28.3	29.3	32.5
16	26.4	29.9	28.5	29.0	31.4	28.7	29.7
17	30.7	31.3	29.5	29.3	30.6	29.6	34.8
18	32.7	31.1	30.6	31.4	30.2	26.7	29.8
19	30.2	30.2	31.8	33.2	32.1	29.8	29.2
20	33.4	32.7	30.2	34.2	32.2	23.9	23.8
21	33.1	30.0	34.2	32.0	38.0	29.7	28.5
22	34.7	38.0	31.5	28.8	33.6	33.0	24.9
23	26.3	41.2	37.2	39.2	31.1	31.6	35.5
24	29.2	29.9	28.0	29.7	38.6	29.4	-
10-12	30.0	28.4	29.8	30.1	28.6	29.9	32.5
14-16	27.8	29.3	29.5	28.7	29.9	29.0	31.8
0-24	30.5	30.5	30.2	30.9	31.2	29.6	30.0

7 Day Ave 30.4

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	26.2	43.5	25.6
2	-	-	-	-	48.5	-	-
3	-	-	-	-	-	-	53.8
4	-	-	-	-	58.5	-	43.4
5	48.7	-	-	38.2	58.5	53.8	-
6	26.0	-	26.1	-	48.4	43.6	38.5
7	43.6	43.6	33.1	48.6	53.4	43.8	33.5
8	43.3	43.5	43.1	43.1	43.3	48.0	33.2
9	43.3	43.3	38.8	43.5	43.1	43.2	43.3
10	38.8	38.6	43.3	43.9	43.2	43.1	38.1
11	38.0	38.6	38.0	43.3	44.0	38.1	43.6
12	43.8	33.3	38.3	33.8	38.1	38.3	48.2
13	38.8	33.3	38.4	38.4	38.4	38.1	38.9
14	38.7	38.8	38.3	38.3	38.4	38.0	43.1
15	38.0	38.8	38.9	38.9	38.5	38.5	43.4
16	33.4	38.6	39.0	38.6	38.2	38.7	38.3
17	43.9	39.0	43.4	38.6	43.5	38.5	43.9
18	43.8	43.9	43.3	43.4	43.3	33.8	38.8
19	38.4	43.2	43.2	43.1	43.6	38.1	43.3
20	44.0	43.7	43.2	38.6	38.5	25.7	26.2
21	38.9	39.0	43.6	38.7	48.2	38.7	38.3
22	43.1	48.2	38.4	33.9	43.9	43.5	43.1
23	33.9	58.5	43.4	43.8	38.7	38.4	38.0
24	33.4	43.1	33.7	48.0	53.5	29.5	-
10-12	43.5	39.0	38.3	38.5	38.4	38.7	43.3
14-16	38.8	38.7	38.6	38.9	38.1	38.9	43.8
0-24	43.1	38.0	38.2	43.4	43.8	38.5	43.3

7 Day Ave 41.2

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



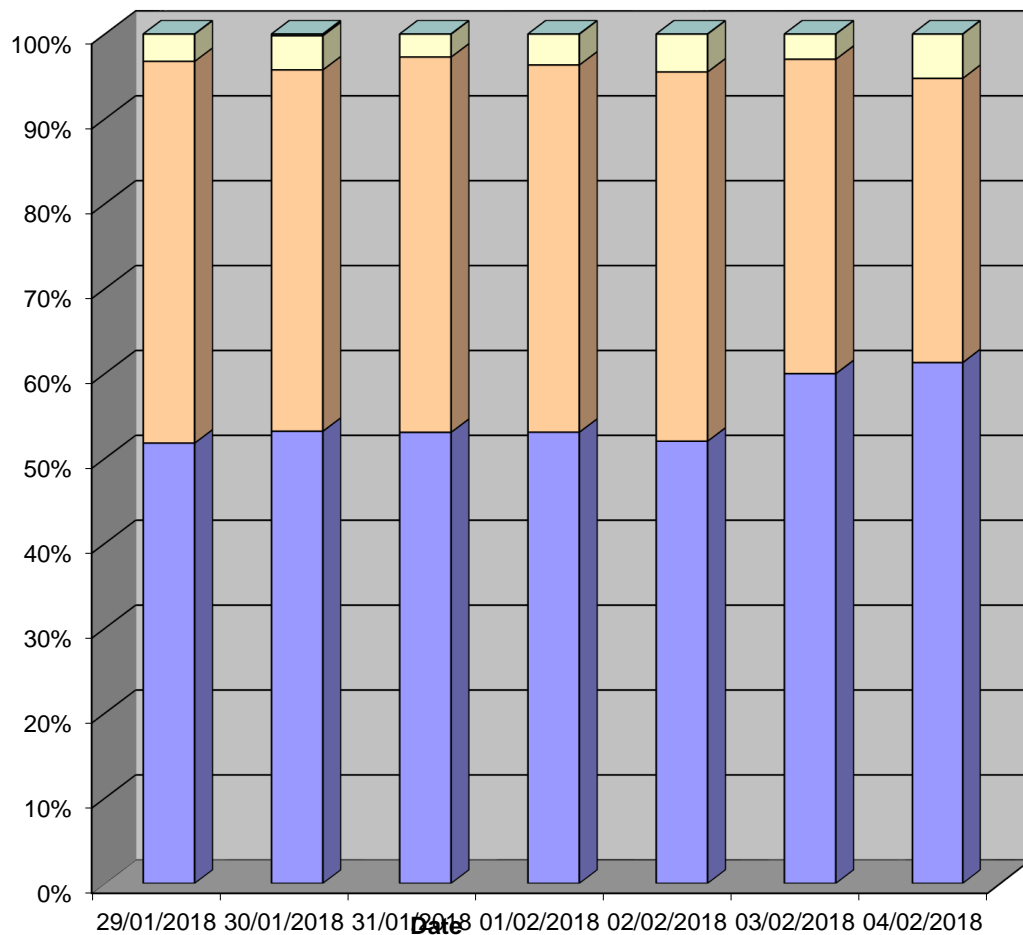
Channel 1 - Eastbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-30	242	265	275	248	280	243	141
31-45	210	212	229	202	234	150	77
46-60	15	20	14	17	24	12	12
61-100	0	1	0	0	0	0	0
TOTAL	467	498	518	467	538	405	230

Speed Summary (MPH)



0-30 31-45 46-60 61-100

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



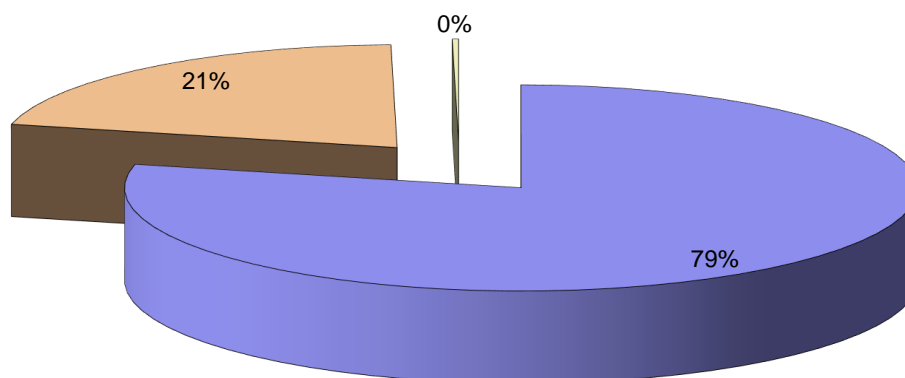
Channel 1 - Eastbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	301	103	2	406
6-22	346	109	2	457
6-24	352	111	2	465
0-24	354	111	2	467
30/01/2018				
7-19	317	108	0	425
6-22	371	116	0	487
6-24	380	118	0	498
0-24	380	118	0	498
31/01/2018				
7-19	346	106	2	454
6-22	393	112	2	507
6-24	401	113	2	516
0-24	402	114	2	518
01/02/2018				
7-19	293	99	1	393
6-22	351	107	1	459
6-24	358	107	1	466
0-24	359	107	1	467
02/02/2018				
7-19	355	110	1	466
6-22	396	116	1	513
6-24	410	118	1	529
0-24	417	120	1	538
03/02/2018				
7-19	288	56	2	346
6-22	316	61	2	379
6-24	334	66	2	402
0-24	337	66	2	405
04/02/2018				
7-19	166	20	0	186
6-22	200	22	0	222
6-24	202	22	0	224
0-24	207	23	0	230
Average				
7-19	295	86	1	382
6-22	339	92	1	432
6-24	348	94	1	443
0-24	351	94	1	446

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 02, A859 East of A868

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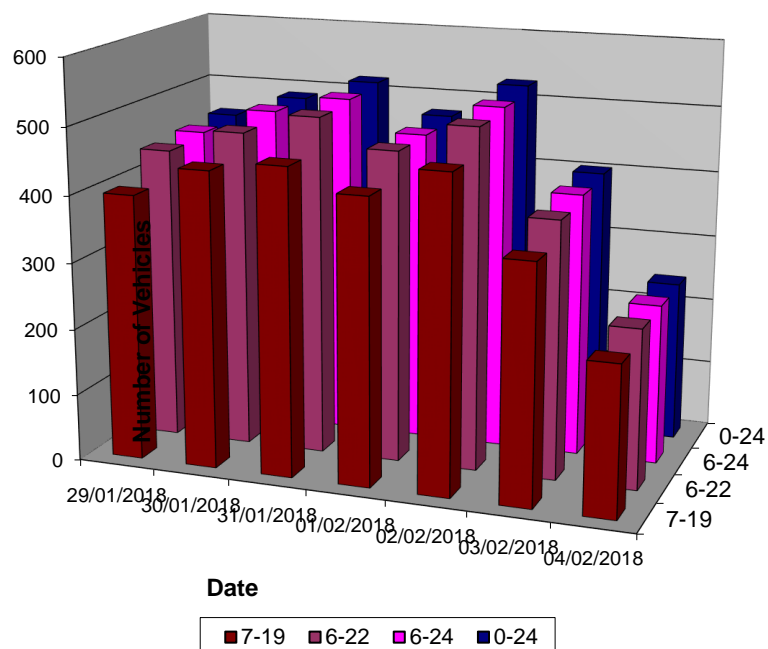
Channel 2 - Westbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	1	1	2	1	0	1	1
2	0	0	0	2	1	0	0	1	0
3	0	0	0	0	1	1	1	0	0
4	0	0	1	1	0	0	0	0	0
5	0	0	1	1	0	0	0	0	0
6	6	0	3	2	8	5	0	4	3
7	12	6	8	7	14	2	4	9	8
8	25	25	29	23	19	5	4	24	19
9	51	59	53	52	50	24	7	53	42
10	38	46	41	38	35	25	9	40	33
11	38	46	50	44	60	40	44	48	46
12	28	36	28	29	37	34	9	32	29
13	30	35	24	30	45	27	8	33	28
14	24	33	38	49	51	36	23	39	36
15	25	26	29	30	32	28	19	28	27
16	50	40	61	44	39	41	17	47	42
17	44	51	58	42	53	35	21	50	43
18	34	34	35	31	31	41	39	33	35
19	12	13	13	14	17	19	24	14	16
20	11	8	21	17	12	16	8	14	13
21	10	11	11	12	8	7	2	10	9
22	9	7	8	4	6	5	1	7	6
23	2	9	5	1	5	5	0	4	4
24	4	2	1	0	2	5	1	2	2
7-19	399	444	459	426	469	355	224	439	397
6-22	441	476	507	466	509	385	239	480	432
6-24	447	487	513	467	516	395	240	486	438
0-24	453	487	519	474	528	402	241	492	443

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	48.0	53.0	33.0	33.0	-
2	-	-	-	50.5	43.0	-	-
3	-	-	-	-	58.0	43.0	33.0
4	-	-	53.0	48.0	-	-	-
5	-	-	38.0	48.0	-	-	-
6	34.7	-	33.8	38.0	35.8	38.0	-
7	34.5	40.5	36.1	34.4	31.9	34.2	34.9
8	33.5	35.0	32.7	35.0	35.2	34.0	31.1
9	34.7	33.4	33.8	33.2	36.0	33.8	33.7
10	32.5	32.9	32.6	34.2	32.6	33.8	35.8
11	31.9	31.5	31.9	30.4	33.6	32.4	32.4
12	32.7	31.0	32.6	35.2	33.5	30.2	32.4
13	32.7	34.7	33.1	33.9	31.9	31.3	38.6
14	31.1	33.3	31.8	32.7	33.0	33.8	34.3
15	32.3	33.1	33.4	31.2	31.9	33.4	34.3
16	35.0	30.1	33.0	33.5	36.1	31.8	36.4
17	34.1	34.9	33.8	34.5	34.1	33.4	32.3
18	32.9	35.4	32.6	32.6	34.2	33.7	30.4
19	36.8	32.2	38.6	35.1	33.9	30.5	30.3
20	32.1	36.8	30.9	32.3	32.4	34.4	31.1
21	33.5	33.5	31.4	32.4	34.2	35.5	33.0
22	34.7	31.6	31.1	38.6	30.9	34.5	25.5
23	29.2	31.6	32.0	25.5	32.5	35.0	-
24	30.5	35.5	25.5	-	34.2	34.5	25.5
10-12	32.3	31.3	32.2	32.3	33.5	31.4	32.4
14-16	34.1	31.3	33.1	32.5	34.2	32.5	35.3
0-24	33.4	33.2	33.0	33.5	33.8	32.9	32.8

7 Day Ave 33.2

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	48.5	53.2	33.7	33.2	-
2	-	-	-	53.8	43.0	-	-
3	-	-	-	-	58.4	43.4	33.8
4	-	-	53.8	48.2	-	-	-
5	-	-	38.5	49.0	-	-	-
6	53.2	-	38.4	43.1	38.4	43.4	-
7	43.5	48.5	43.5	43.1	43.3	43.3	43.3
8	43.3	43.2	43.2	48.8	44.0	38.5	34.0
9	43.3	39.0	43.6	38.4	43.8	38.1	38.8
10	38.0	43.1	38.5	43.5	38.7	38.5	43.7
11	38.5	38.0	38.7	38.1	43.4	44.0	38.9
12	43.2	33.3	43.9	43.1	43.7	38.6	38.9
13	43.9	43.5	43.4	43.2	38.3	38.9	48.4
14	38.6	43.9	38.3	38.0	43.4	38.7	43.1
15	43.8	38.5	43.3	38.7	38.4	43.4	49.0
16	43.9	38.4	38.2	43.5	43.9	38.7	43.8
17	43.3	43.8	43.5	43.6	43.1	38.1	38.7
18	43.5	48.8	38.2	43.2	38.6	38.8	38.4
19	48.1	43.7	48.6	43.5	38.3	43.7	38.0
20	38.6	43.7	43.4	38.7	38.1	38.5	38.2
21	43.4	44.0	38.9	38.8	48.2	43.2	33.2
22	44.0	33.3	33.5	48.4	43.1	43.2	26.0
23	33.1	38.5	43.2	26.4	38.4	48.3	-
24	38.9	38.4	26.2	-	44.0	48.8	25.9
10-12	43.6	38.7	43.7	43.7	43.5	43.1	38.1
14-16	43.3	38.2	38.6	38.1	43.5	43.5	43.3
0-24	43.1	43.4	43.8	43.6	44.0	38.8	43.6

7 Day Ave 42.9

Tarbert, Isle of Harris ATC 02, A859 East of A868

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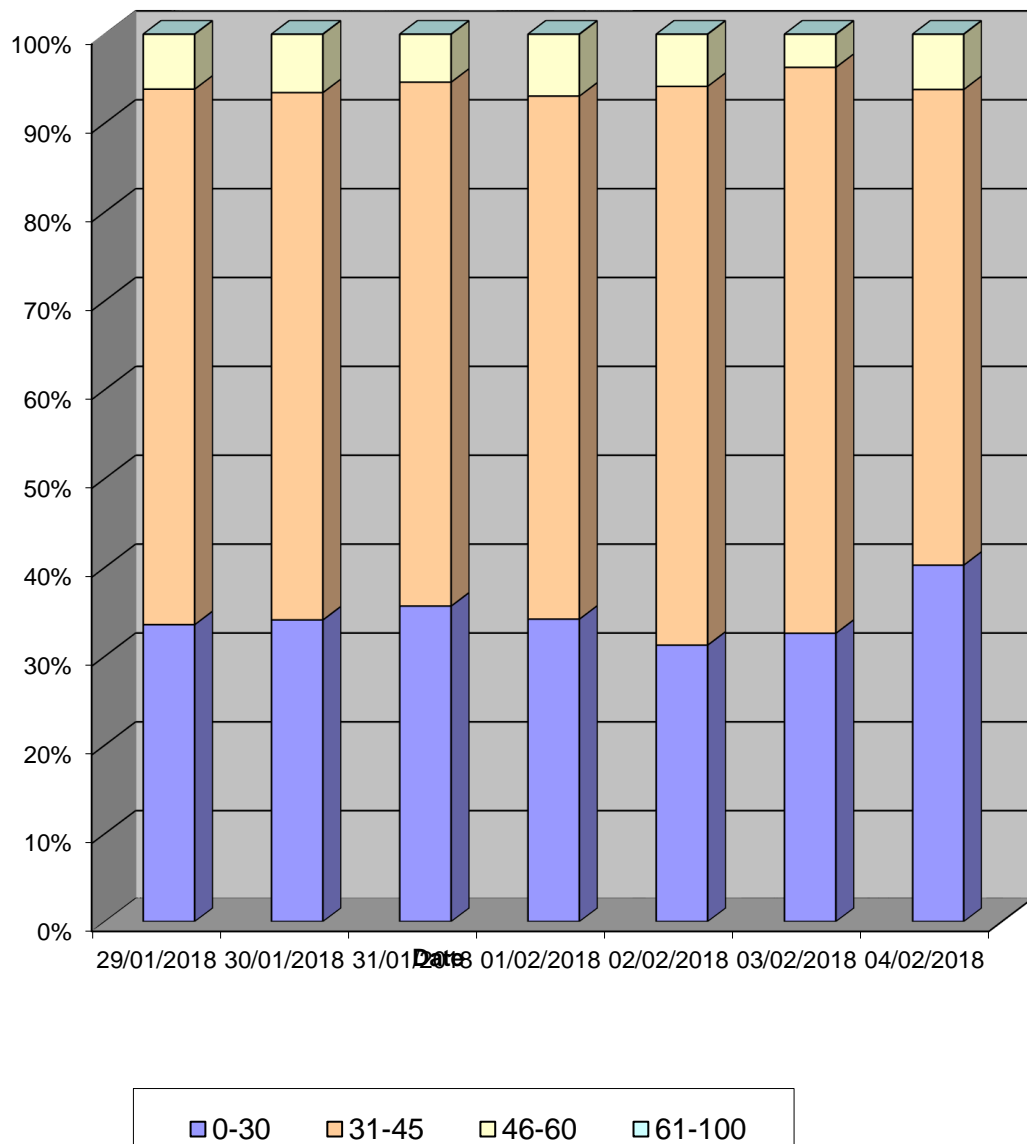
Channel 2 - Westbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-30	152	166	185	162	165	131	97
31-45	273	289	306	279	332	256	129
46-60	28	32	28	33	31	15	15
61-100	0	0	0	0	0	0	0
TOTAL	453	487	519	474	528	402	241

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



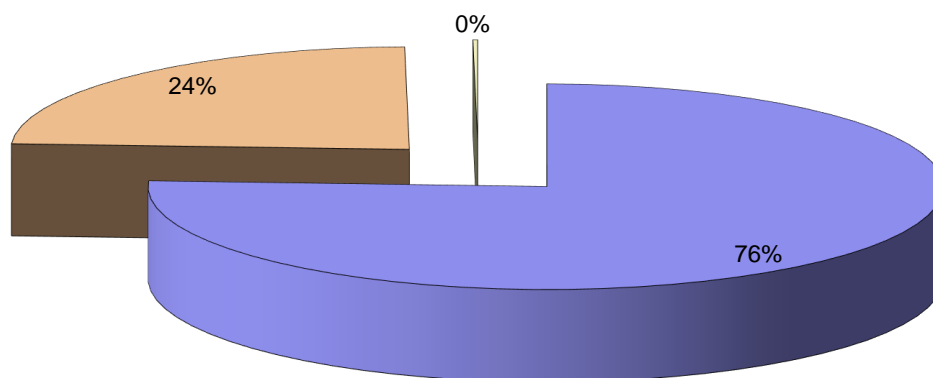
Channel 2 - Westbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	290	108	1	399
6-22	321	119	1	441
6-24	326	120	1	447
0-24	331	121	1	453
30/01/2018				
7-19	315	129	0	444
6-22	343	133	0	476
6-24	353	134	0	487
0-24	353	134	0	487
31/01/2018				
7-19	338	120	1	459
6-22	374	132	1	507
6-24	380	132	1	513
0-24	385	133	1	519
01/02/2018				
7-19	318	107	1	426
6-22	353	112	1	466
6-24	353	113	1	467
0-24	360	113	1	474
02/02/2018				
7-19	338	129	2	469
6-22	372	135	2	509
6-24	379	135	2	516
0-24	390	136	2	528
03/02/2018				
7-19	288	67	0	355
6-22	310	74	1	385
6-24	319	75	1	395
0-24	326	75	1	402
04/02/2018				
7-19	195	29	0	224
6-22	209	30	0	239
6-24	210	30	0	240
0-24	210	31	0	241
Average				
7-19	297	98	1	397
6-22	326	105	1	432
6-24	331	106	1	438
0-24	336	106	1	443

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



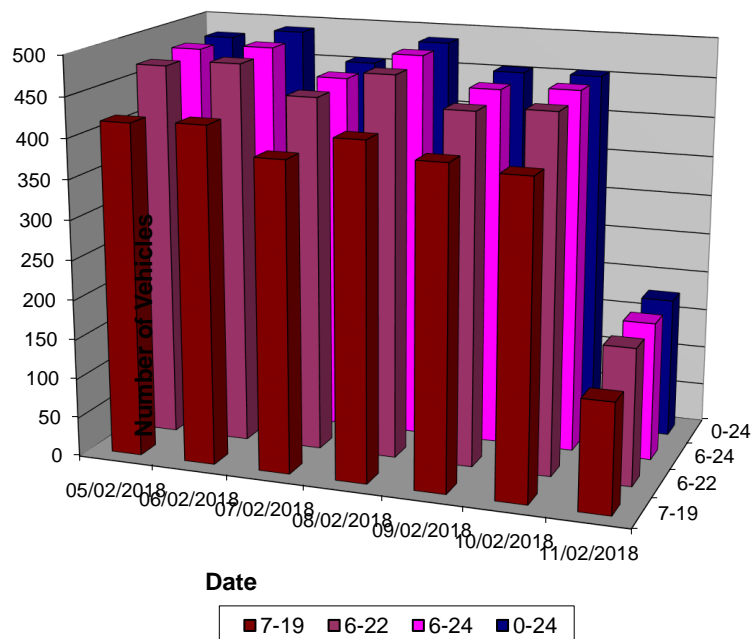
Channel 1 - Eastbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	1	0	0	1	0	0	0
2	0	0	0	0	0	0	1	0	0
3	0	0	0	0	2	0	1	0	0
4	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0
6	0	6	3	1	3	0	0	3	2
7	7	5	4	2	3	2	1	4	3
8	17	23	10	13	16	6	11	16	14
9	40	48	39	37	39	16	9	41	33
10	23	24	26	30	33	23	7	27	24
11	36	33	27	31	20	30	7	29	26
12	36	31	38	34	35	48	7	35	33
13	30	26	42	43	29	31	35	34	34
14	34	29	26	38	35	41	25	32	33
15	31	41	27	44	39	64	5	36	36
16	55	53	56	42	48	42	10	51	44
17	48	40	49	34	50	36	10	44	38
18	46	44	31	52	32	32	6	41	35
19	22	30	17	20	23	22	7	22	20
20	16	17	18	12	14	9	25	15	16
21	24	22	16	24	9	35	4	19	19
22	6	13	18	21	15	9	4	15	12
23	4	3	5	6	7	6	2	5	5
24	2	2	2	2	2	2	0	2	2
7-19	418	422	388	418	399	391	139	409	368
6-22	471	479	444	477	440	446	173	462	419
6-24	477	484	451	485	449	454	175	469	425
0-24	478	490	455	486	454	455	177	473	428

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	43.0	-	-	25.5	-
2	-	-	-	-	-	-	43.0
3	-	-	-	-	25.5	-	25.5
4	-	-	-	-	-	-	-
5	48.0	-	-	-	-	-	-
6	-	24.2	38.8	48.0	18.8	-	-
7	35.1	36.5	15.5	40.5	37.2	40.5	25.5
8	30.6	28.8	28.5	35.9	30.8	33.8	22.5
9	33.1	31.6	32.4	32.5	33.8	33.2	26.9
10	34.6	33.0	31.6	30.8	30.8	36.3	25.9
11	31.3	29.4	34.1	30.2	29.6	29.6	25.5
12	28.8	28.2	32.1	29.8	29.6	28.2	22.6
13	28.8	27.8	26.8	26.4	31.2	28.8	22.2
14	29.1	29.6	28.0	29.2	29.5	28.9	29.6
15	31.4	31.7	29.5	30.0	31.1	29.8	23.0
16	29.0	29.0	30.9	30.0	30.6	27.7	25.0
17	29.8	29.7	28.3	29.9	30.2	29.5	25.0
18	30.8	28.1	30.8	30.9	27.8	33.4	26.3
19	33.3	29.8	30.4	33.2	33.4	28.6	18.4
20	32.4	30.1	34.0	28.8	30.7	30.2	22.6
21	32.7	29.2	28.3	31.8	33.6	24.4	33.6
22	25.9	32.8	31.6	28.0	32.7	27.4	31.8
23	28.6	28.0	23.5	32.6	33.0	30.1	38.0
24	34.2	38.0	25.5	34.2	40.5	29.2	-
10-12	30.1	28.9	33.0	30.0	29.6	28.7	24.1
14-16	29.8	30.2	30.4	30.0	30.8	29.0	24.3
0-24	30.8	29.8	30.3	30.3	30.8	29.5	25.0

7 Day Ave 29.5

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	43.1	-	-	26.3	-
2	-	-	-	-	-	-	43.7
3	-	-	-	-	25.8	-	25.5
4	-	-	-	-	-	-	-
5	48.8	-	-	-	-	-	-
6	-	38.2	49.0	48.2	26.3	-	-
7	48.5	43.3	16.1	48.9	48.9	43.6	25.8
8	38.2	38.0	38.6	48.8	38.8	43.2	26.2
9	43.9	38.7	43.9	43.4	43.2	48.2	33.1
10	43.4	43.8	38.6	38.5	38.1	43.4	26.0
11	43.3	38.3	43.2	38.8	38.0	38.6	25.8
12	38.8	38.7	43.9	38.8	38.2	38.3	25.9
13	38.2	38.4	33.1	33.4	38.4	33.5	26.1
14	38.4	43.8	38.4	38.2	38.2	38.4	38.3
15	43.2	43.7	43.8	43.3	44.0	38.6	33.3
16	38.9	38.4	43.2	38.4	38.9	33.1	38.8
17	38.6	38.1	38.4	43.2	38.6	38.5	33.3
18	43.4	38.4	38.4	43.6	38.7	43.2	33.4
19	43.4	38.3	43.5	43.1	38.1	44.0	25.9
20	43.9	38.7	43.3	38.2	38.3	43.9	26.3
21	43.6	38.3	38.6	38.7	38.0	26.5	43.4
22	38.9	38.8	43.2	38.5	43.8	33.8	43.7
23	38.5	43.2	25.6	48.2	38.8	43.4	38.7
24	43.3	38.6	26.4	44.0	43.8	33.8	-
10-12	43.9	39.0	43.1	38.5	38.3	39.0	25.9
14-16	38.3	38.2	43.7	38.0	43.5	38.3	34.0
0-24	43.3	38.9	43.9	43.4	38.6	38.2	33.6

7 Day Ave 40.0

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



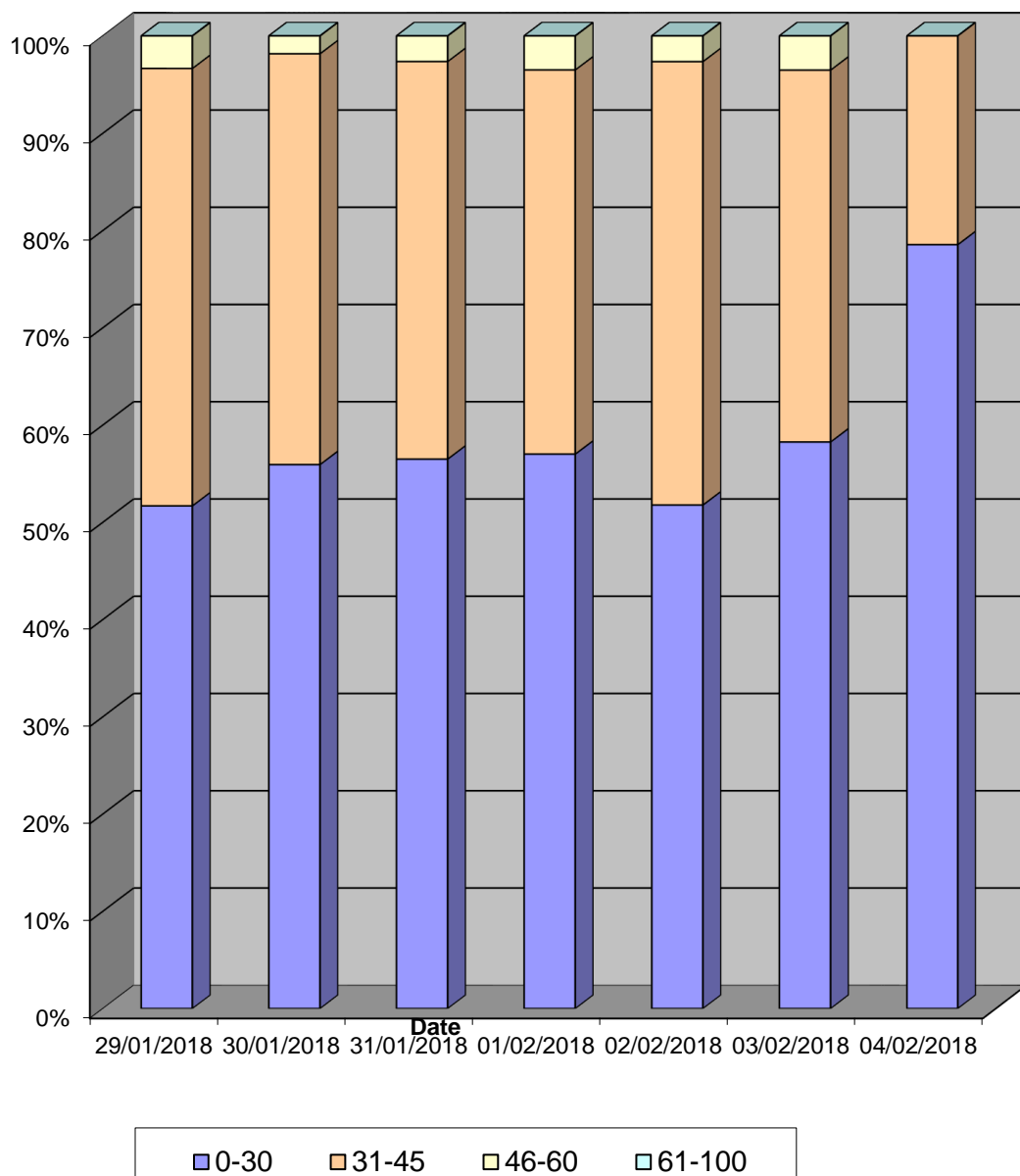
Channel 1 - Eastbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-30	247	274	257	277	235	265	139
31-45	215	207	186	192	207	174	38
46-60	16	9	12	17	12	16	0
61-100	0	0	0	0	0	0	0
TOTAL	478	490	455	486	454	455	177

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



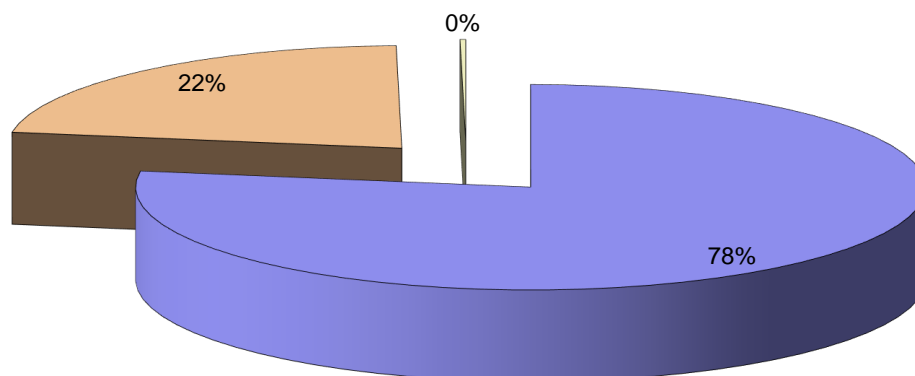
Channel 1 - Eastbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	314	103	1	418
6-22	358	112	1	471
6-24	361	115	1	477
0-24	361	116	1	478
06/02/2018				
7-19	304	118	0	422
6-22	348	131	0	479
6-24	352	132	0	484
0-24	355	135	0	490
07/02/2018				
7-19	289	98	1	388
6-22	339	104	1	444
6-24	344	106	1	451
0-24	345	109	1	455
08/02/2018				
7-19	322	95	1	418
6-22	372	104	1	477
6-24	380	104	1	485
0-24	381	104	1	486
09/02/2018				
7-19	309	88	2	399
6-22	341	97	2	440
6-24	347	100	2	449
0-24	349	103	2	454
10/02/2018				
7-19	321	68	2	391
6-22	370	74	2	446
6-24	377	75	2	454
0-24	378	75	2	455
11/02/2018				
7-19	117	22	0	139
6-22	149	24	0	173
6-24	150	25	0	175
0-24	152	25	0	177
Average				
7-19	282	85	1	368
6-22	325	92	1	419
6-24	330	94	1	425
0-24	332	95	1	428

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



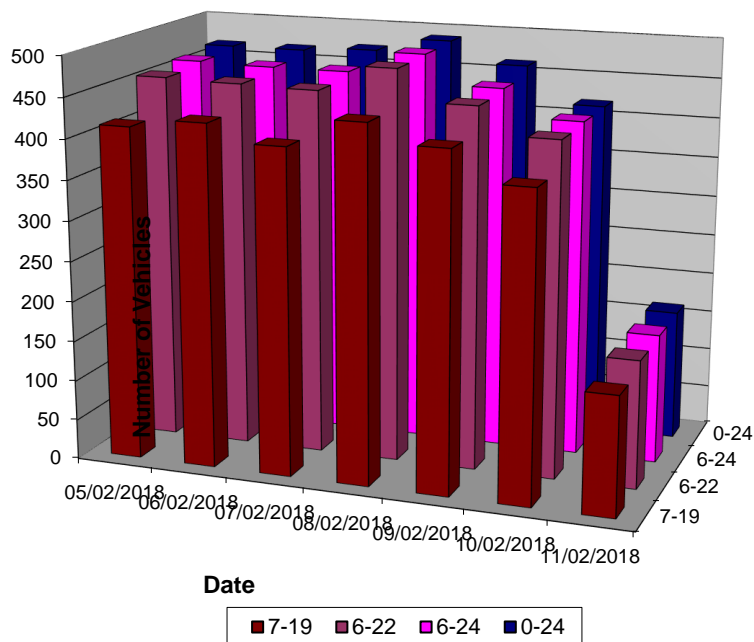
Channel 2 - Westbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	1	1	0	0	1	0	0	1	0
5	0	5	2	1	3	0	0	2	2
6	4	1	10	1	8	0	1	5	4
7	11	8	14	4	9	3	2	9	7
8	22	15	15	21	18	6	17	18	16
9	56	51	44	28	22	20	2	40	32
10	31	43	32	50	52	30	6	42	35
11	44	42	45	31	37	32	30	40	37
12	26	22	29	33	44	31	3	31	27
13	29	32	38	32	32	36	8	33	30
14	39	33	37	45	48	44	6	40	36
15	36	26	30	39	39	28	8	34	29
16	36	56	52	50	39	50	23	47	44
17	46	41	41	51	38	49	17	43	40
18	36	42	27	41	33	35	25	36	34
19	13	22	14	18	14	18	4	16	15
20	11	10	27	28	12	10	2	18	14
21	8	7	4	3	4	9	5	5	6
22	13	5	4	11	6	13	2	8	8
23	4	5	5	2	4	3	2	4	4
24	1	0	2	0	0	0	0	1	0
7-19	414	425	404	439	416	379	149	420	375
6-22	457	455	453	485	447	414	160	459	410
6-24	462	460	460	487	451	417	162	464	414
0-24	467	467	472	489	463	418	163	472	420

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	38.0	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	53.0	38.0	-	-	38.0	-	-
5	-	27.0	35.5	33.0	33.8	-	-
6	27.4	33.0	28.5	33.0	36.1	-	25.5
7	35.0	28.0	28.9	38.0	29.9	30.5	25.5
8	34.8	30.3	32.7	37.0	33.0	34.2	21.8
9	35.1	33.0	34.9	33.7	35.8	36.0	25.5
10	33.6	32.0	36.0	33.8	30.6	35.8	29.7
11	33.8	30.0	33.5	33.2	33.6	32.5	28.1
12	31.9	31.4	34.0	33.4	34.1	32.1	22.2
13	31.9	33.4	32.3	31.4	31.8	34.8	28.9
14	29.7	32.8	31.6	32.8	34.8	31.2	35.1
15	30.9	32.1	35.2	30.9	33.8	32.3	30.8
16	33.0	35.2	32.8	32.4	30.2	32.6	33.0
17	33.6	32.2	33.3	34.1	33.3	32.3	31.1
18	35.4	31.2	34.2	33.0	33.9	31.4	25.9
19	32.4	30.6	35.1	35.1	33.0	34.1	24.9
20	32.1	31.2	29.2	29.2	32.2	31.5	20.5
21	33.3	26.9	29.9	33.8	33.0	30.2	24.5
22	31.7	29.5	33.0	36.6	34.7	29.9	25.5
23	33.6	26.5	30.5	25.5	31.1	29.7	33.0
24	43.0	-	31.8	-	-	-	-
10-12	33.1	30.5	33.7	33.3	33.9	32.3	27.5
14-16	32.0	34.2	33.7	31.7	32.0	32.5	32.4
0-24	33.1	32.0	33.1	33.1	33.0	32.7	28.2

7 Day Ave 32.2

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	38.7	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	53.5	38.4	-	-	38.4	-	-
5	-	33.1	38.3	33.9	43.6	-	-
6	33.2	33.5	38.6	33.9	43.8	-	25.7
7	43.6	33.7	33.5	43.7	38.6	33.7	26.0
8	43.7	38.5	38.6	43.0	43.7	43.8	26.5
9	43.5	43.4	43.3	43.7	48.8	43.8	26.3
10	43.9	38.9	43.9	44.0	38.4	43.3	38.4
11	38.3	39.0	43.8	38.0	43.8	38.8	33.5
12	43.7	38.6	38.6	44.0	43.7	38.7	26.0
13	43.9	43.5	38.4	38.1	38.7	43.9	33.7
14	38.3	38.6	38.7	38.3	43.7	38.2	43.0
15	43.4	43.1	43.2	38.6	43.2	38.4	38.6
16	38.0	43.2	38.1	38.8	38.8	43.6	38.9
17	43.3	38.3	38.2	43.0	43.1	38.4	38.3
18	39.0	38.0	43.8	43.1	43.2	38.2	33.1
19	38.8	38.2	44.0	43.6	39.0	43.6	33.4
20	38.6	38.4	38.3	33.3	43.8	43.6	26.3
21	38.6	33.5	43.7	43.4	43.2	33.1	33.4
22	38.3	38.6	33.8	43.5	48.2	38.1	25.9
23	38.5	33.8	43.0	26.2	33.2	38.6	33.7
24	43.8	-	38.8	-	-	-	-
10-12	43.9	38.0	43.5	43.5	43.9	38.8	33.4
14-16	38.1	43.4	43.2	38.3	43.3	38.6	38.7
0-24	43.5	43.1	43.6	43.1	43.3	43.4	38.5

7 Day Ave 42.6

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



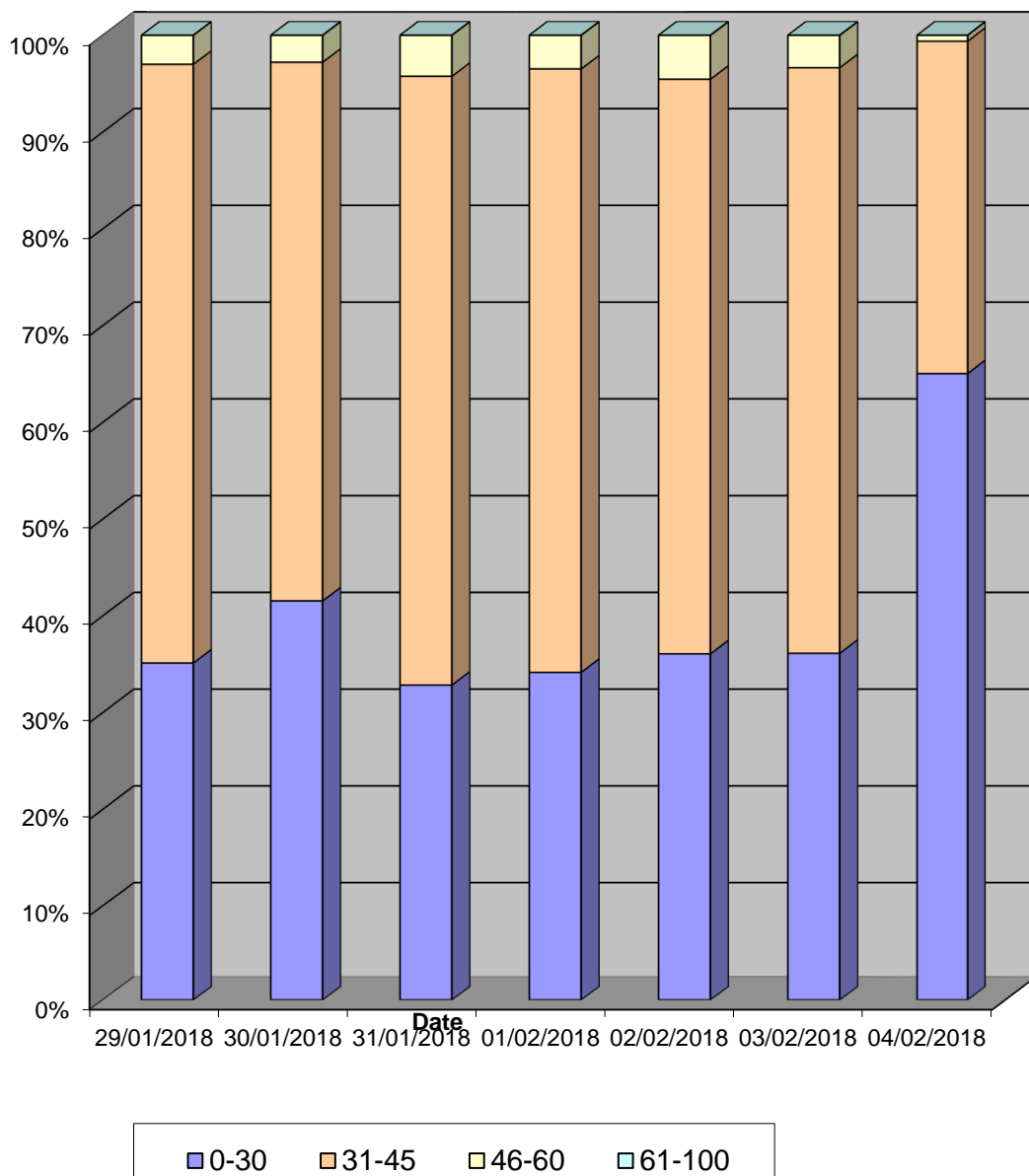
Channel 2 - Westbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-30	164	194	155	167	167	151	106
31-45	289	260	297	305	275	253	56
46-60	14	13	20	17	21	14	1
61-100	0	0	0	0	0	0	0
TOTAL	467	467	472	489	463	418	163

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



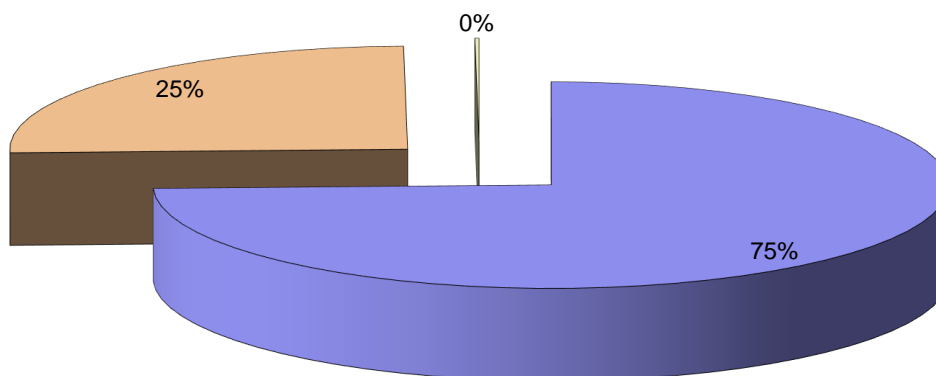
Channel 2 - Westbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	306	106	2	414
6-22	339	116	2	457
6-24	343	117	2	462
0-24	346	119	2	467
06/02/2018				
7-19	300	125	0	425
6-22	320	135	0	455
6-24	324	136	0	460
0-24	328	139	0	467
07/02/2018				
7-19	293	111	0	404
6-22	330	123	0	453
6-24	335	125	0	460
0-24	342	130	0	472
08/02/2018				
7-19	322	117	0	439
6-22	360	125	0	485
6-24	362	125	0	487
0-24	364	125	0	489
09/02/2018				
7-19	307	109	0	416
6-22	328	119	0	447
6-24	330	121	0	451
0-24	339	124	0	463
10/02/2018				
7-19	302	75	2	379
6-22	329	82	3	414
6-24	332	82	3	417
0-24	333	82	3	418
11/02/2018				
7-19	126	23	0	149
6-22	133	27	0	160
6-24	135	27	0	162
0-24	136	27	0	163
Average				
7-19	279	95	1	375
6-22	306	104	1	410
6-24	309	105	1	414
0-24	313	107	1	420

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	467	498	518	467	538	405	230	495	446
Mean Speed	30.5	30.5	30.2	30.9	31.2	29.6	30.0	30.7	30.4
85thile Speed	43.1	38.0	38.2	43.4	43.8	38.5	43.3	41.3	41.2
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	453	487	519	474	526	402	241	492	443
Mean Speed	33.4	33.2	33.0	33.5	33.8	32.9	32.5	33.4	33.2
85thile Speed	43.1	43.4	43.8	43.6	44.0	38.8	43.6	43.6	42.9
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	920	985	1037	941	1066	807	471	989	889
Mean Speed	32.0	31.9	31.6	32.2	32.5	31.3	31.4	32.0	31.8
85thile Speed	43.1	40.7	41.0	43.5	43.9	38.6	43.4	42.4	42.0
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	309	360	350	323	387	304	190	346	318
Mean Speed	31.0	31.3	29.4	32.5	34.9	32.7	31.8	31.8	31.9
85%ile Speed	38.7	41.4	38.6	40.5	44.1	39.5	39.8	40.7	40.4
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	299	318	344	326	375	297	170	332	304
Mean Speed	32.9	33.5	34.8	37.1	35.1	34.1	32.7	34.7	34.3
85%ile Speed	42.2	40.6	41.2	43.0	42.0	41.8	38.9	41.8	41.4
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	608	678	694	649	762	601	360	678	622
Mean Speed	32.0	32.4	32.1	34.8	35.0	33.4	32.2	33.3	33.1
85%ile Speed	40.4	41.0	39.9	41.8	43.1	40.6	39.4	41.2	40.9
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	478	480	455	466	454	455	177	473	478
Mean Speed	30.8	29.8	30.3	30.3	30.8	29.5	25.0	30.4	29.5
85thile Speed	43.8	38.0	43.2	43.7	38.4	38.4	33.7	41.4	39.9
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	467	467	472	488	483	418	163	472	460
Mean Speed	33.1	32.0	33.1	33.1	33.0	32.7	28.2	32.9	32.2
85thile Speed	44.0	43.4	43.5	43.2	43.1	43.7	38.4	43.4	42.8
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	945	957	927	975	917	873	340	944	948
Mean Speed	32.0	30.9	31.7	31.7	31.9	31.1	26.6	31.5	30.8
85thile Speed	43.9	40.7	43.4	43.5	40.8	41.1	36.1	42.4	41.3
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Class excepted) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 02, A859 East of A868

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	327	335	326	350	317	365	141	331	309
Mean Speed	32.2	30.5	30.2	32.2	31.1	29.7	27.5	31.3	30.5
85%ile Speed	42.2	40.2	38.3	41.2	38.4	37.1	32.5	40.1	38.5
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	307	318	345	348	352	308	102	334	297
Mean Speed	34.1	31.1	32.4	32.8	33.2	32.5	27.7	32.7	32.0
85%ile Speed	40.9	37.9	39.7	38.6	41.3	39.6	32.6	39.7	38.6
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	634	653	671	698	669	673	243	665	606
Mean Speed	33.2	30.8	31.3	32.5	32.1	31.1	27.6	32.0	31.2
85%ile Speed	41.6	39.0	39.0	39.9	39.9	38.3	32.6	39.9	38.6
No. Vehicles > 60 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



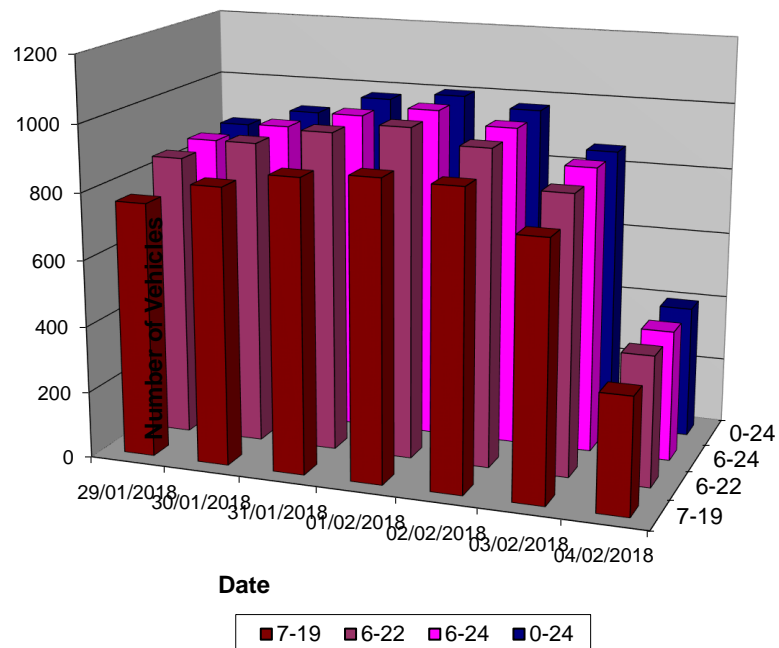
Channel 1 - Southbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	1	0	2	0	2	1	1
2	0	0	0	0	0	0	2	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	6	0	8	2	7	0	0	5	3
7	18	8	13	7	17	4	1	13	10
8	31	29	42	23	34	10	10	32	26
9	69	78	80	73	66	31	12	73	58
10	58	71	67	85	67	53	14	70	59
11	78	88	62	92	76	82	83	79	80
12	62	78	78	71	94	87	10	77	69
13	83	84	106	76	81	69	29	86	75
14	72	62	76	76	101	73	25	77	69
15	64	68	59	88	86	67	28	73	66
16	86	87	96	90	83	83	22	88	78
17	78	70	99	98	91	82	24	87	77
18	57	85	83	86	76	84	77	77	78
19	28	33	31	38	35	48	16	33	33
20	28	29	44	42	19	31	20	32	30
21	25	30	11	26	13	18	7	21	19
22	14	13	14	21	10	16	14	14	15
23	6	4	3	5	10	13	1	6	6
24	3	2	4	2	3	11	1	3	4
7-19	766	833	879	896	890	769	350	853	769
6-22	851	913	961	992	949	838	392	933	842
6-24	860	919	968	999	962	862	394	942	852
0-24	866	920	977	1001	972	862	398	947	857

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	18.0	18.0	-	20.5	-	20.5
2	-	-	-	-	-	-	18.0
3	-	-	-	-	-	-	-
4	-	-	-	-	18.0	-	-
5	-	-	-	-	-	-	-
6	14.2	-	18.6	20.5	16.6	-	-
7	18.0	19.2	15.5	18.0	14.9	19.2	13.0
8	18.0	19.0	19.8	18.7	16.6	19.0	15.5
9	15.7	17.4	17.6	18.1	17.2	16.7	15.7
10	14.2	15.2	15.6	15.6	16.4	16.5	15.6
11	13.6	15.3	14.3	14.7	15.6	14.9	12.9
12	14.7	14.1	14.3	14.1	15.5	14.5	16.7
13	14.9	15.1	15.8	15.1	15.2	15.2	13.9
14	16.5	14.8	14.0	14.9	14.5	14.3	14.7
15	15.8	15.1	15.1	14.5	14.9	14.5	14.2
16	14.8	15.5	15.2	15.2	15.1	16.3	16.4
17	15.1	15.5	14.9	14.6	15.2	15.6	16.3
18	16.6	17.2	16.8	16.9	17.6	15.7	14.1
19	16.1	17.2	17.4	17.7	17.4	16.9	14.7
20	17.5	17.3	16.6	16.6	16.4	17.8	15.0
21	16.6	16.5	19.4	17.6	16.8	16.2	14.0
22	16.2	16.1	15.1	16.1	18.0	18.3	16.0
23	15.8	20.5	16.3	16.0	16.5	18.0	13.0
24	16.3	18.0	16.8	18.0	19.7	17.1	18.0
10-12	14.1	14.7	14.3	14.4	15.5	14.7	13.3
14-16	15.2	15.3	15.1	14.9	15.0	15.5	15.1
0-24	15.5	15.9	15.8	15.7	15.8	15.7	14.5

7 Day Ave 15.6

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	18.1	18.6	-	23.5	-	23.1
2	-	-	-	-	-	-	23.7
3	-	-	-	-	-	-	-
4	-	-	-	-	18.5	-	-
5	-	-	-	-	-	-	-
6	23.7	-	23.1	23.6	23.5	-	-
7	23.5	23.6	18.1	18.1	18.4	23.8	13.9
8	23.6	23.5	23.8	23.5	23.4	23.5	18.5
9	18.3	23.3	18.3	23.9	18.3	23.8	18.1
10	18.3	18.6	18.0	18.3	18.1	18.6	18.8
11	18.8	18.6	18.3	18.8	18.2	18.8	18.4
12	18.0	18.3	18.4	18.4	19.0	18.0	18.5
13	18.8	18.3	18.3	18.3	18.1	18.2	18.5
14	18.8	18.8	18.9	18.9	18.4	18.1	18.2
15	18.7	18.8	19.0	18.6	18.4	18.1	18.3
16	18.0	18.6	18.4	18.6	18.5	18.3	18.1
17	18.4	19.0	18.3	18.4	18.2	18.1	18.6
18	23.9	18.9	18.2	18.1	18.5	18.0	18.2
19	18.8	18.2	18.2	23.6	18.3	18.5	18.9
20	23.4	23.7	18.6	18.7	18.6	23.7	18.1
21	19.0	19.0	23.4	23.9	18.5	18.5	18.4
22	18.9	18.2	18.4	18.8	23.2	18.8	18.3
23	23.1	28.5	18.7	18.0	18.9	23.1	13.9
24	18.9	23.1	18.3	18.5	23.7	18.2	18.8
10-12	18.4	19.0	18.6	18.9	18.5	18.7	18.3
14-16	18.5	18.7	18.2	18.4	18.4	18.5	18.7
0-24	18.8	18.0	18.2	18.7	18.1	18.4	18.3

7 Day Ave 18.4

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



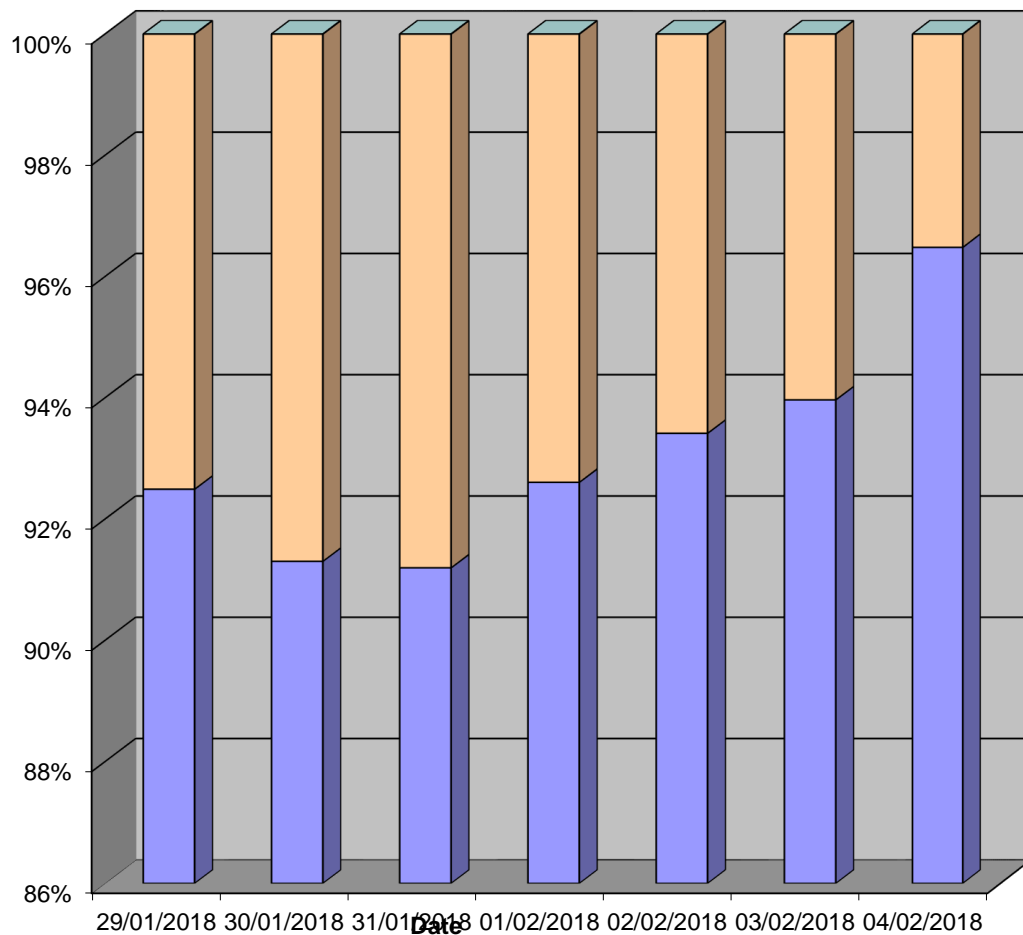
Channel 1 - Southbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-20	801	840	891	927	908	810	384
21-35	65	80	86	74	64	52	14
36-50	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0
TOTAL	866	920	977	1001	972	862	398

Speed Summary (MPH)



0-20 21-35 36-50 51-100

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



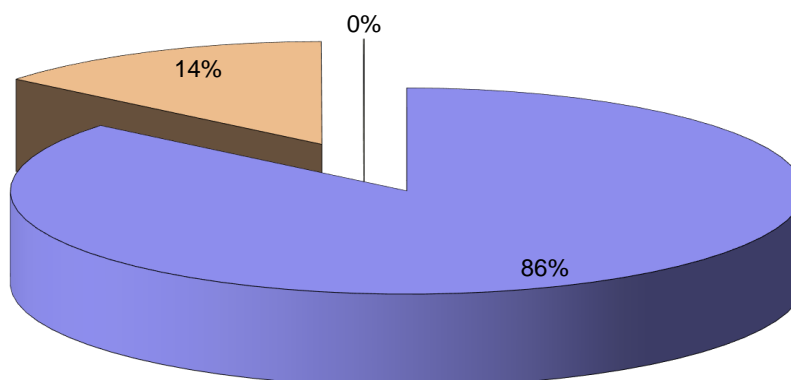
Channel 1 - Southbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	647	119	0	766
6-22	723	128	0	851
6-24	730	130	0	860
0-24	736	130	0	866
30/01/2018				
7-19	701	132	0	833
6-22	770	143	0	913
6-24	773	146	0	919
0-24	773	147	0	920
31/01/2018				
7-19	730	149	0	879
6-22	805	156	0	961
6-24	811	157	0	968
0-24	819	158	0	977
01/02/2018				
7-19	759	137	0	896
6-22	851	141	0	992
6-24	857	142	0	999
0-24	858	143	0	1001
02/02/2018				
7-19	750	139	1	890
6-22	804	144	1	949
6-24	815	146	1	962
0-24	824	147	1	972
03/02/2018				
7-19	695	74	0	769
6-22	758	80	0	838
6-24	778	84	0	862
0-24	778	84	0	862
04/02/2018				
7-19	319	30	1	350
6-22	359	32	1	392
6-24	361	32	1	394
0-24	365	32	1	398
Average				
7-19	657	111	0	769
6-22	724	118	0	842
6-24	732	120	0	852
0-24	736	120	0	857

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



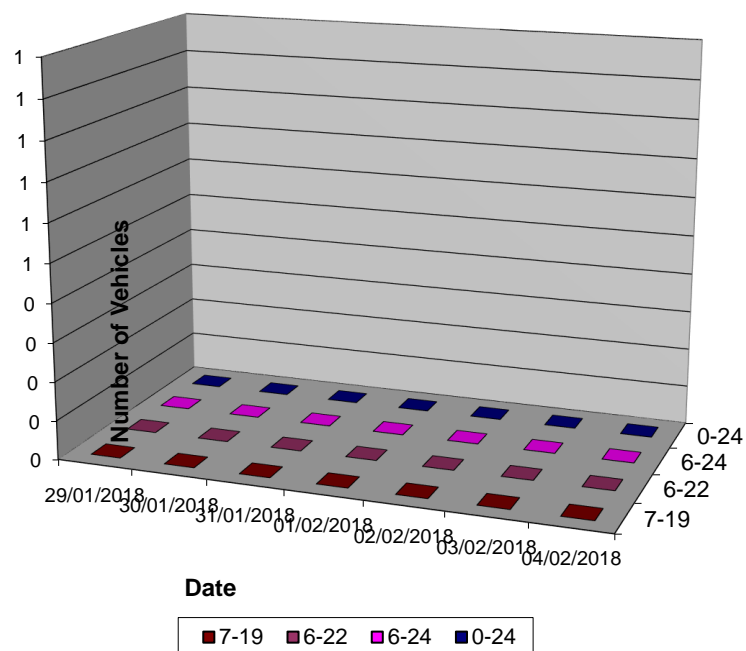
Channel 2 - Northbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0
0-24	0	0	0	0	0	0	0	0	0

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 2 - Northbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 2 - Northbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
30/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
31/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
01/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
02/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
03/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
04/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
Average				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0

Total Vehicle Class Distribution

0%

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



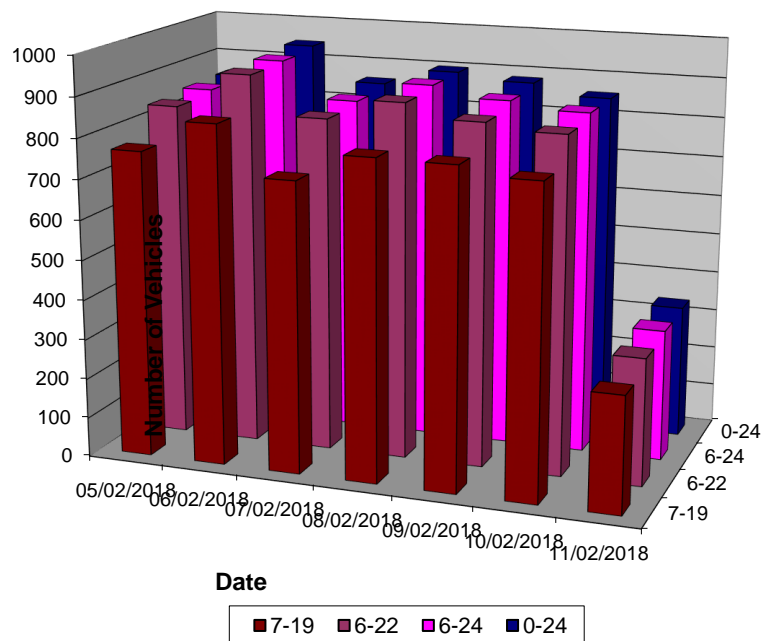
Channel 1 - Southbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	2	0	0	1	1	0	1
2	0	0	0	0	0	0	1	0	0
3	0	0	0	0	0	0	2	0	0
4	0	0	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	4	9	9	1	11	0	0	7	5
7	16	9	26	5	10	0	0	13	9
8	31	38	29	32	29	13	14	32	27
9	72	74	49	54	44	27	8	59	47
10	68	65	52	49	50	37	10	57	47
11	65	88	54	58	79	65	74	69	69
12	60	80	77	89	74	87	20	76	70
13	71	74	81	79	90	87	25	79	72
14	80	78	81	84	73	80	19	79	71
15	64	69	63	89	78	91	19	73	68
16	90	93	85	83	92	68	8	89	74
17	79	73	59	71	99	89	20	76	70
18	64	77	68	75	58	79	58	68	68
19	23	38	28	32	27	48	19	30	31
20	29	31	49	48	15	27	11	34	30
21	19	32	20	26	15	24	10	22	21
22	10	12	15	14	21	17	6	14	14
23	7	3	7	5	15	15	5	7	8
24	2	1	2	4	2	0	5	2	2
7-19	767	847	726	795	793	771	294	786	713
6-22	841	931	836	888	854	839	321	870	787
6-24	850	935	845	897	871	854	331	880	798
0-24	854	944	857	898	882	855	335	887	804

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	18.0	-	-	23.0	13.0
2	-	-	-	-	-	-	5.0
3	-	-	-	-	-	-	9.0
4	-	-	13.0	-	-	-	-
5	-	-	-	-	-	-	-
6	19.2	14.9	15.4	23.0	17.5	-	-
7	17.4	13.8	17.6	21.0	16.2	-	-
8	19.0	17.7	17.9	17.8	18.2	18.8	10.1
9	16.8	17.3	17.3	17.7	18.1	17.8	10.0
10	15.5	14.6	16.9	15.5	15.8	17.3	10.5
11	14.9	14.8	14.9	14.6	14.0	14.7	10.6
12	13.7	14.5	15.0	15.1	14.5	14.5	10.7
13	15.8	14.4	15.7	14.8	14.9	15.8	12.6
14	14.0	14.7	14.6	15.4	15.4	15.4	14.7
15	15.0	15.5	16.2	15.1	16.0	16.4	13.4
16	14.7	15.5	14.3	13.4	14.2	14.7	18.0
17	16.3	15.0	15.9	16.8	15.1	15.7	13.6
18	16.7	16.3	17.0	16.6	16.8	17.0	11.5
19	14.6	14.7	17.3	16.1	16.3	18.0	13.5
20	16.9	16.8	14.2	15.6	19.0	16.7	12.5
21	16.4	15.7	16.4	16.5	16.7	15.8	14.2
22	17.0	14.8	16.3	17.3	18.5	13.8	11.7
23	17.3	16.3	17.3	15.0	17.3	14.8	13.0
24	18.0	13.0	18.0	19.2	20.5	-	9.8
10-12	14.3	14.6	14.9	14.9	14.2	14.6	10.6
14-16	14.8	15.5	15.1	14.3	15.0	15.7	14.7
0-24	15.6	15.4	15.8	15.6	15.6	15.9	12.0

7 Day Ave 15.1

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	18.4	-	-	23.1	13.9
2	-	-	-	-	-	-	5.7
3	-	-	-	-	-	-	13.4
4	-	-	13.7	-	-	-	-
5	-	-	-	-	-	-	-
6	23.1	18.1	23.2	23.2	18.5	-	-
7	18.0	18.9	23.4	23.7	18.7	-	-
8	23.3	23.6	23.5	23.7	23.8	23.6	13.7
9	18.8	18.3	18.8	18.6	23.4	23.3	13.1
10	18.3	18.1	18.5	18.8	18.9	18.1	18.8
11	18.2	18.5	18.4	18.2	18.7	18.2	18.7
12	18.5	18.2	18.5	18.8	18.1	18.1	13.5
13	18.3	19.0	18.2	18.2	18.6	18.4	18.2
14	18.3	18.1	18.6	19.0	18.7	19.0	18.2
15	18.0	18.0	18.5	18.1	18.0	18.5	18.3
16	18.5	18.3	18.7	18.1	18.4	18.5	18.8
17	18.2	18.5	18.9	18.8	18.4	19.0	18.1
18	18.9	18.9	18.4	18.4	18.3	18.2	13.5
19	18.6	18.5	18.3	18.5	19.0	23.4	18.8
20	18.8	18.4	18.3	18.1	23.8	18.4	18.8
21	18.9	18.8	18.2	18.1	18.7	18.3	18.3
22	18.3	18.8	18.5	18.2	23.4	18.5	14.0
23	18.5	18.7	18.2	18.0	18.7	18.1	13.8
24	18.1	13.7	18.6	23.7	28.3	-	13.7
10-12	18.6	19.0	18.4	18.5	18.4	18.5	18.9
14-16	18.4	18.3	18.9	18.6	18.4	19.0	18.9
0-24	19.0	18.5	18.5	18.2	18.9	18.6	18.4

7 Day Ave 18.6

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



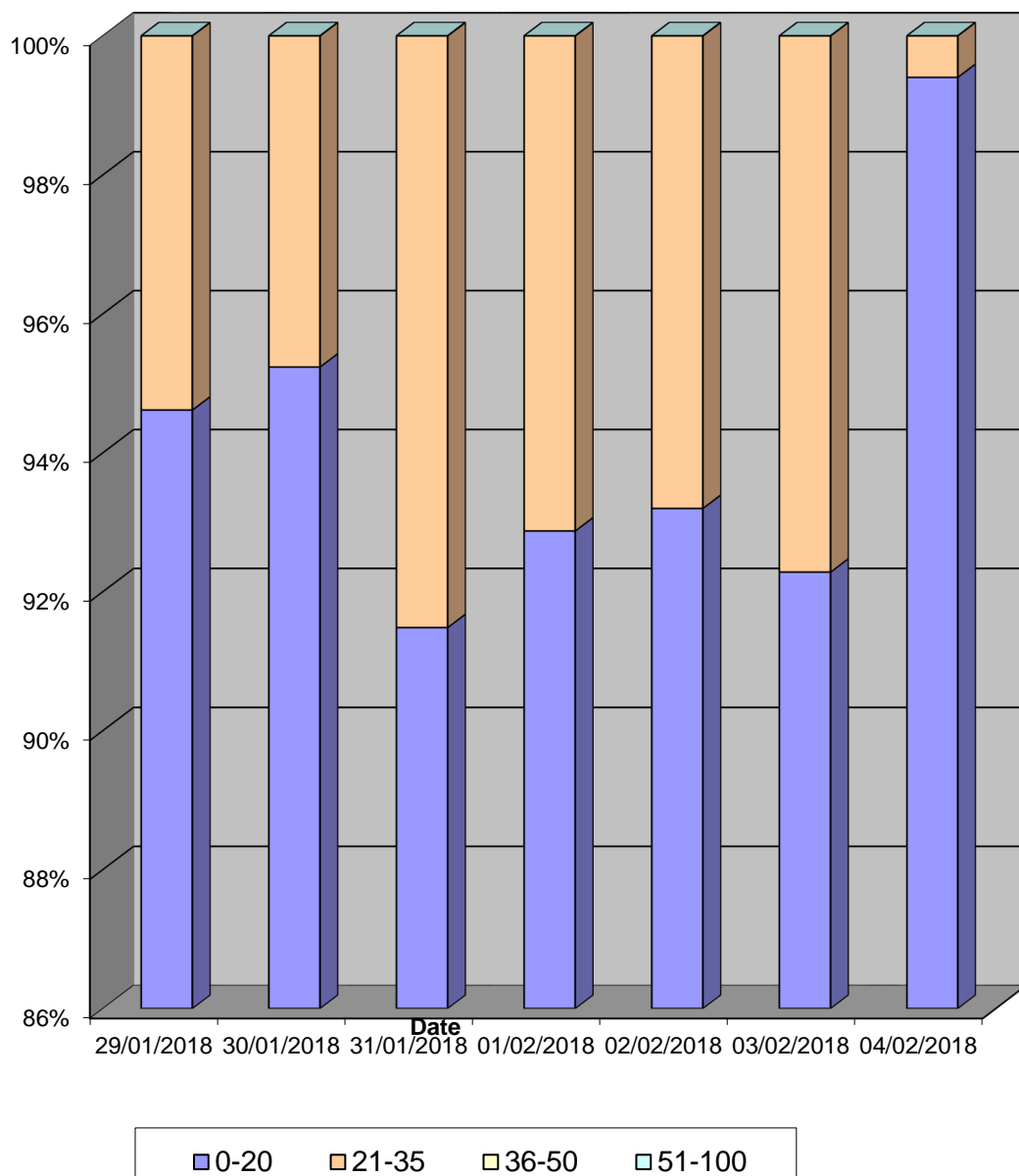
Channel 1 - Southbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-20	808	899	784	834	822	789	333
21-35	46	45	73	64	60	66	2
36-50	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0
TOTAL	854	944	857	898	882	855	335

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



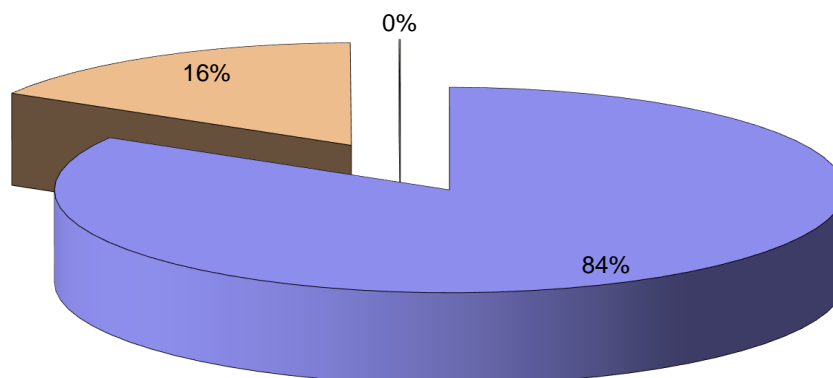
Channel 1 - Southbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	648	118	1	767
6-22	713	127	1	841
6-24	722	127	1	850
0-24	726	127	1	854
06/02/2018				
7-19	684	163	0	847
6-22	752	179	0	931
6-24	756	179	0	935
0-24	762	182	0	944
07/02/2018				
7-19	570	155	1	726
6-22	669	166	1	836
6-24	676	168	1	845
0-24	684	172	1	857
08/02/2018				
7-19	649	146	0	795
6-22	733	155	0	888
6-24	741	156	0	897
0-24	742	156	0	898
09/02/2018				
7-19	666	127	0	793
6-22	720	134	0	854
6-24	735	136	0	871
0-24	744	138	0	882
10/02/2018				
7-19	683	88	0	771
6-22	743	96	0	839
6-24	755	99	0	854
0-24	756	99	0	855
11/02/2018				
7-19	254	39	1	294
6-22	274	46	1	321
6-24	279	51	1	331
0-24	282	52	1	335
Average				
7-19	593	119	0	713
6-22	658	129	0	787
6-24	666	131	0	798
0-24	671	132	0	804

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



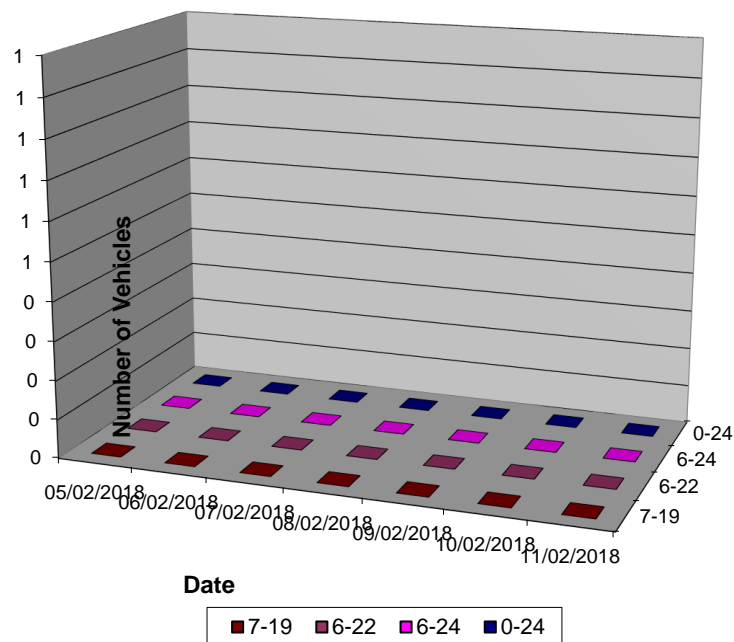
Channel 2 - Northbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0
0-24	0	0	0	0	0	0	0	0	0

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 2 - Northbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -



Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 2 - Northbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
06/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
07/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
08/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
09/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
10/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
11/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
Average				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0

Total Vehicle Class Distribution

0%

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	866	920	877	1001	872	862	398	947	857
Mean Speed	15.5	15.9	15.8	15.7	15.8	15.7	14.5	15.7	15.6
85thile Speed	18.8	18.0	18.2	18.7	18.1	18.4	18.3	18.4	18.4
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Northbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85thile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Southbound & Northbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	866	920	877	1001	872	862	398	947	857
Mean Speed	15.5	15.9	15.8	15.7	15.8	15.7	14.5	15.7	15.6
85thile Speed	18.8	18.0	18.2	18.7	18.1	18.4	18.3	18.4	18.4
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	631	658	673	721	705	655	275	678	617
Mean Speed	15.7	16.5	16.1	16.3	16.6	16.4	15.4	16.2	16.1
85%ile Speed	19.9	20.2	19.0	19.5	19.6	19.5	18.5	19.7	19.5
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Northbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85%ile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Southbound & Northbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	631	658	673	721	705	655	275	678	617
Mean Speed	15.7	16.5	16.1	16.3	16.6	16.4	15.4	16.2	16.1
85%ile Speed	19.9	20.2	19.0	19.5	19.6	19.5	18.5	19.7	19.5
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	354	344	357	398	352	355	335	357	304
Mean Speed	15.6	15.4	15.8	15.6	15.6	15.9	12.0	15.6	15.1
85thile Speed	18.8	18.0	18.6	18.5	18.4	18.7	18.3	18.5	18.5
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Northbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85thile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Southbound & Northbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	354	344	357	398	352	355	335	357	304
Mean Speed	15.6	15.4	15.8	15.6	15.6	15.9	12.0	15.6	15.1
85thile Speed	18.8	18.0	18.6	18.5	18.4	18.7	18.3	18.5	18.5
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 04, Pier Road

Produced by Streetwise Services Ltd.



Channel 1 - Southbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	608	682	652	666	652	647	235	652	592
Mean Speed	16.0	14.9	15.9	16.5	16.5	16.2	12.0	16.0	15.4
85%ile Speed	18.9	18.2	18.8	19.6	19.8	19.2	15.7	19.0	18.6
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Northbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85%ile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Southbound & Northbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	608	682	652	666	652	647	235	652	592
Mean Speed	16.0	14.9	15.9	16.5	16.5	16.2	12.0	16.0	15.4
85%ile Speed	18.9	18.2	18.8	19.6	19.8	19.2	15.7	19.0	18.6
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



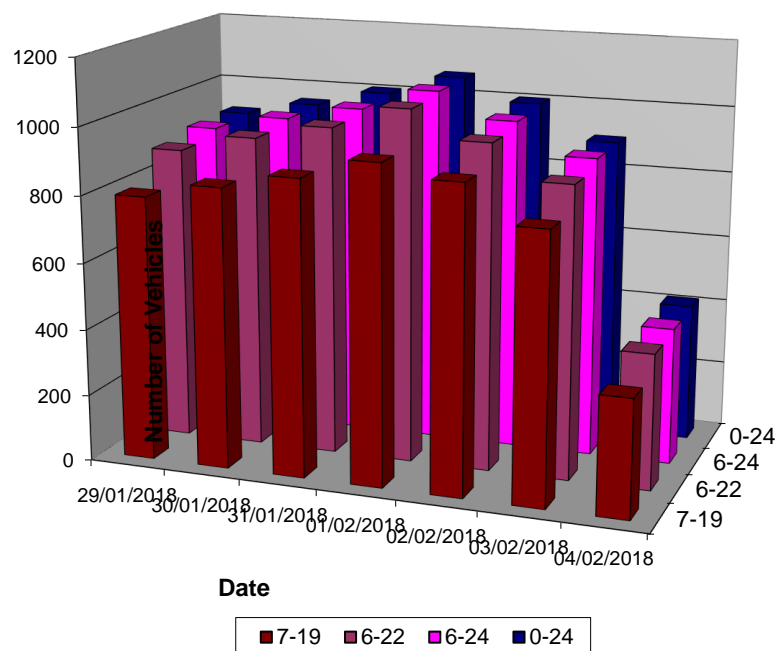
Channel 1 - Eastbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	1	2	4	0	1	2	1
2	0	0	0	0	0	1	1	0	0
3	1	0	0	0	1	0	1	0	0
4	0	0	0	0	0	0	1	0	0
5	0	0	2	0	0	0	0	0	0
6	4	0	5	0	6	0	0	3	2
7	12	6	13	5	11	3	2	9	7
8	34	30	38	28	33	14	15	33	27
9	53	44	61	58	60	22	7	55	44
10	72	84	91	95	78	59	16	84	71
11	78	76	77	89	93	76	68	83	80
12	57	91	64	71	59	78	15	68	62
13	84	87	76	91	81	75	40	84	76
14	62	62	76	66	107	80	34	75	70
15	63	74	61	105	78	84	30	76	71
16	94	85	110	99	80	86	18	94	82
17	91	81	110	111	110	83	22	101	87
18	72	93	92	88	85	87	65	86	83
19	34	33	29	46	46	56	22	38	38
20	24	29	37	41	22	34	34	31	32
21	29	36	28	33	15	14	8	28	23
22	25	26	21	28	15	21	10	23	21
23	13	14	10	9	14	15	2	12	11
24	10	2	3	2	4	11	3	4	5
7-19	794	840	885	947	910	800	352	875	790
6-22	884	937	984	1054	973	872	406	966	873
6-24	907	953	997	1065	991	898	411	983	889
0-24	912	954	1005	1067	1002	899	415	988	893

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	23.0	38.0	23.0	25.5	-	23.0
2	-	-	-	-	-	18.0	23.0
3	28.0	-	-	-	23.0	-	23.0
4	-	-	-	-	-	-	23.0
5	-	-	23.0	-	-	-	-
6	15.5	-	23.0	-	18.0	-	-
7	19.7	20.5	16.8	19.0	19.8	18.0	20.5
8	18.6	20.3	21.0	19.5	20.0	20.1	19.7
9	18.7	18.8	19.7	20.7	20.4	22.8	23.0
10	17.9	19.7	19.7	19.9	20.4	20.4	19.1
11	17.2	18.6	18.7	19.9	18.4	19.5	19.1
12	18.9	18.6	19.4	19.4	19.9	19.4	18.3
13	19.2	19.9	18.6	19.4	20.3	19.8	18.5
14	19.1	19.7	18.9	19.2	19.1	19.4	18.3
15	19.1	18.1	19.1	17.7	18.7	19.3	18.5
16	18.1	18.2	17.8	19.9	18.9	18.9	19.4
17	18.9	19.8	19.0	19.6	19.5	19.1	21.6
18	19.9	20.5	20.4	20.2	21.8	20.0	18.8
19	21.1	20.3	21.8	20.7	21.3	21.4	20.0
20	18.8	19.7	20.0	21.2	21.2	20.5	19.0
21	19.6	18.3	20.9	20.0	22.3	20.1	20.5
22	20.2	21.7	20.6	20.5	20.3	21.6	19.5
23	22.2	19.4	20.5	23.0	18.7	19.7	20.5
24	22.5	20.5	19.7	18.0	20.5	23.0	23.0
10-12	17.9	18.6	19.0	19.7	19.0	19.5	19.0
14-16	18.5	18.2	18.3	18.8	18.8	19.1	18.8
0-24	18.9	19.4	19.4	19.7	19.9	19.9	19.3

7 Day Ave 19.5

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	23.6	38.1	23.5	28.5	-	23.5
2	-	-	-	-	-	18.8	23.1
3	28.7	-	-	-	23.4	-	23.8
4	-	-	-	-	-	-	23.4
5	-	-	28.1	-	-	-	-
6	18.5	-	33.8	-	18.4	-	-
7	23.6	28.5	23.3	23.9	23.3	23.6	23.5
8	23.3	23.3	28.0	23.3	23.1	23.8	23.5
9	23.3	23.6	23.3	23.8	23.2	28.0	28.2
10	23.8	23.6	23.4	23.4	24.0	23.2	23.3
11	23.0	23.3	23.3	23.3	23.1	23.1	23.1
12	23.8	23.3	23.9	23.9	23.4	23.1	23.6
13	23.8	23.8	24.0	23.6	23.4	23.3	23.2
14	23.7	23.8	23.4	23.6	23.5	23.1	23.9
15	23.0	23.6	23.3	23.4	23.2	23.0	23.1
16	23.4	24.0	23.2	23.1	23.5	23.5	23.4
17	23.9	23.9	23.2	23.6	23.3	23.7	23.3
18	23.8	23.2	23.6	23.7	28.6	23.5	23.9
19	23.4	23.7	23.4	23.9	23.5	23.8	23.8
20	24.0	24.0	23.4	23.8	23.2	23.1	23.3
21	23.9	23.2	28.7	23.0	23.9	23.2	28.7
22	23.1	28.5	23.3	23.5	23.7	23.7	23.3
23	28.9	23.1	23.6	28.9	23.5	23.5	23.1
24	28.4	24.0	23.2	18.4	23.4	28.4	28.0
10-12	23.5	23.7	23.2	23.7	23.1	23.1	23.3
14-16	23.8	23.0	23.6	23.5	23.8	23.7	23.8
0-24	23.1	23.6	23.1	23.5	23.5	23.9	23.3

7 Day Ave 23.4

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



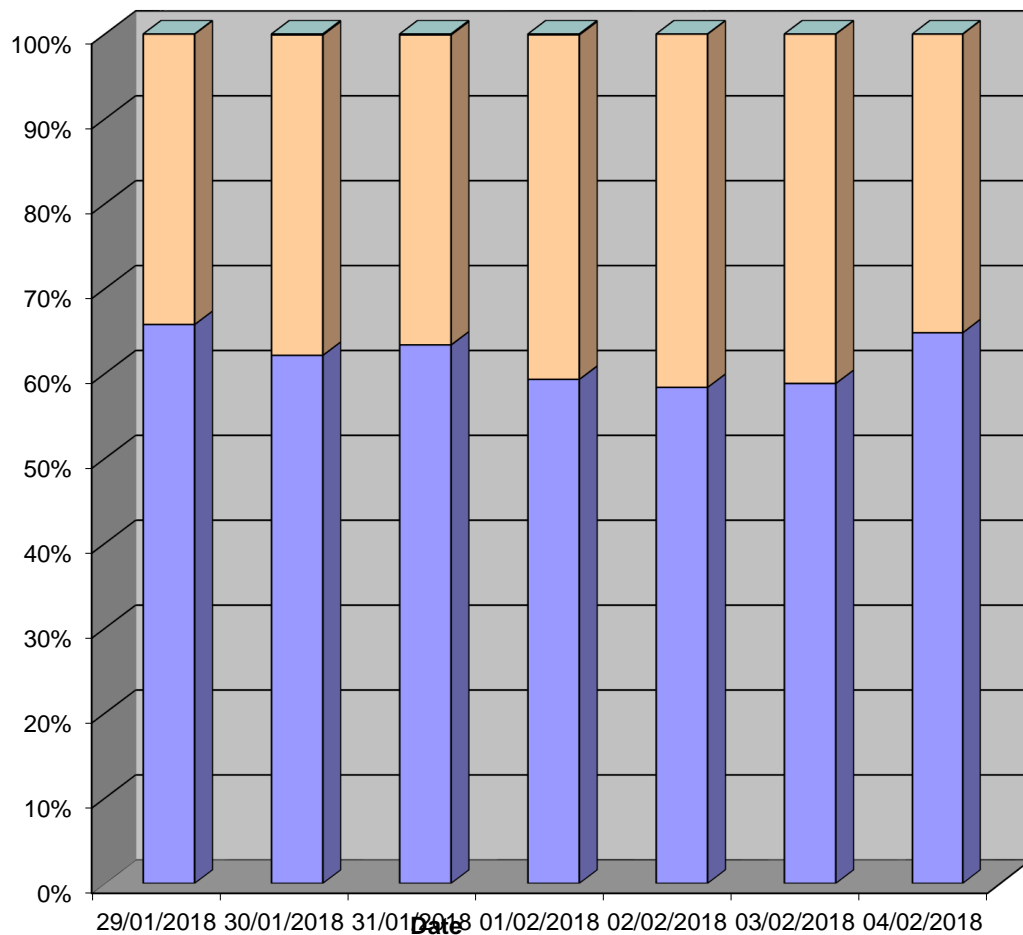
Channel 1 - Eastbound

Speed Summary

Week 1

Speed (MPH)	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
0-20	600	593	637	633	585	529	269
21-35	312	360	367	433	417	370	146
36-50	0	1	1	1	0	0	0
51-100	0	0	0	0	0	0	0
TOTAL	912	954	1005	1067	1002	899	415

Speed Summary (MPH)



■ 0-20
 ■ 21-35
 ■ 36-50
 ■ 51-100

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



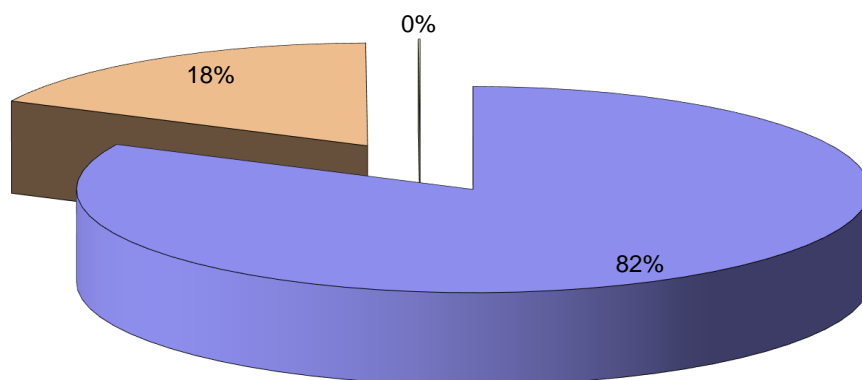
Channel 1 - Eastbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	621	173	0	794
6-22	699	184	1	884
6-24	719	187	1	907
0-24	724	187	1	912
30/01/2018				
7-19	664	176	0	840
6-22	752	185	0	937
6-24	764	189	0	953
0-24	765	189	0	954
31/01/2018				
7-19	708	176	1	885
6-22	795	188	1	984
6-24	807	189	1	997
0-24	814	190	1	1005
01/02/2018				
7-19	753	193	1	947
6-22	854	199	1	1054
6-24	864	200	1	1065
0-24	866	200	1	1067
02/02/2018				
7-19	720	189	1	910
6-22	773	199	1	973
6-24	791	199	1	991
0-24	802	199	1	1002
03/02/2018				
7-19	699	100	1	800
6-22	763	108	1	872
6-24	787	110	1	898
0-24	788	110	1	899
04/02/2018				
7-19	320	32	0	352
6-22	372	34	0	406
6-24	377	34	0	411
0-24	381	34	0	415
Average				
7-19	641	148	1	790
6-22	715	157	1	873
6-24	730	158	1	889
0-24	734	158	1	893

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



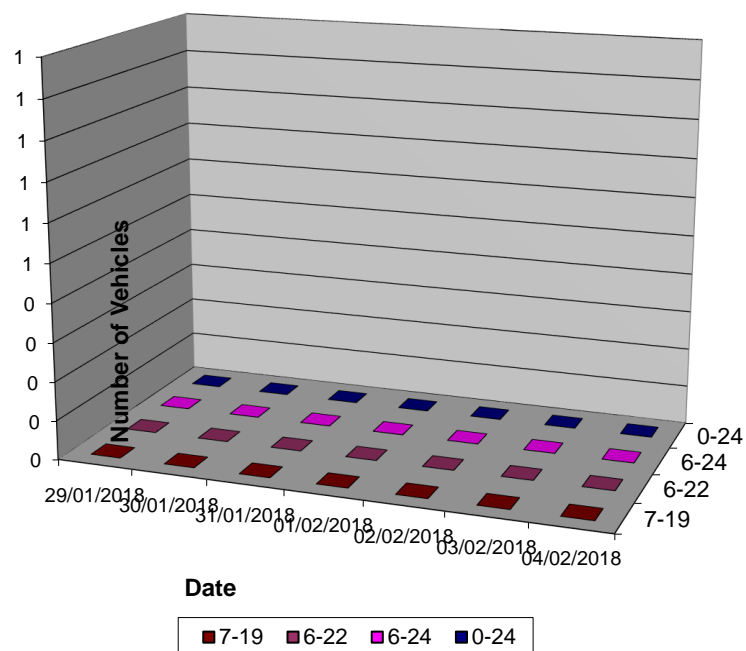
Channel 2 - Westbound

Vehicle Flow

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0
0-24	0	0	0	0	0	0	0	0	0

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 1

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -

85th Percentile

Hr Ending	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
29/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
30/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
31/01/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
01/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
02/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
03/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
04/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
Average				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0

Total Vehicle Class Distribution

0%

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



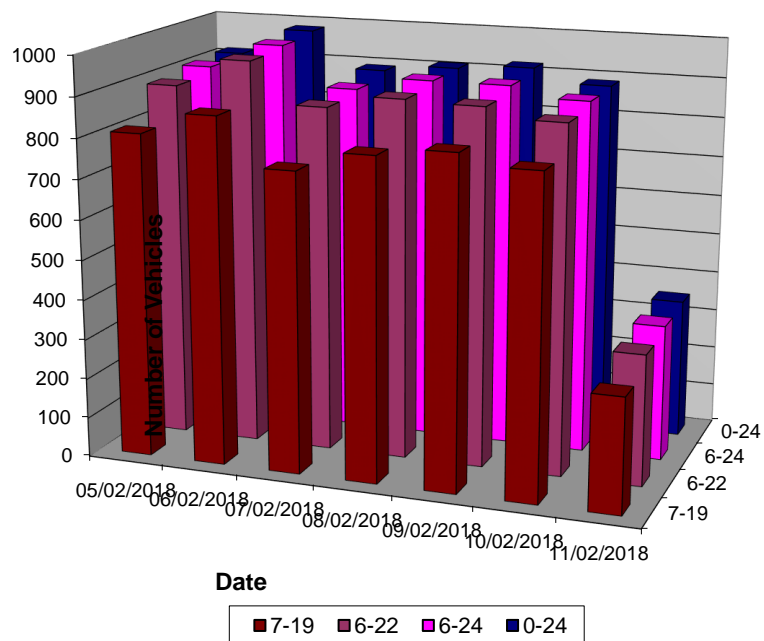
Channel 1 - Eastbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	1	3	0	0	1	4	1	1
2	0	0	0	0	0	2	3	0	1
3	0	0	0	0	1	1	0	0	0
4	0	0	0	0	1	0	0	0	0
5	0	6	0	0	2	0	0	2	1
6	5	2	13	0	8	0	1	6	4
7	11	9	14	3	12	0	2	10	7
8	29	25	23	28	29	15	15	27	23
9	48	59	37	35	30	23	10	42	35
10	85	91	60	59	72	43	12	73	60
11	76	83	63	72	90	58	65	77	72
12	59	86	69	75	74	88	18	73	67
13	76	78	78	82	78	83	35	78	73
14	97	80	84	94	80	83	17	87	76
15	57	74	59	87	74	78	16	70	64
16	103	81	92	82	89	91	14	89	79
17	77	82	79	72	97	75	19	81	72
18	74	89	72	81	69	96	47	77	75
19	29	38	33	33	39	61	22	34	36
20	23	26	53	42	24	22	22	34	30
21	27	35	31	31	16	27	10	28	25
22	22	29	17	20	18	23	6	21	19
23	11	8	8	6	12	15	6	9	9
24	5	1	3	6	5	1	7	4	4
7-19	810	866	749	800	821	794	290	809	733
6-22	893	965	864	896	891	866	330	902	815
6-24	909	974	875	908	908	882	343	915	828
0-24	914	983	891	908	920	886	351	923	836

Vehicle Flow (Channel 1)



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	18.0	23.0	-	-	33.0	16.8
2	-	-	-	-	-	23.0	23.0
3	-	-	-	-	28.0	18.0	-
4	-	-	-	-	23.0	-	-
5	-	23.0	-	-	23.0	-	-
6	21.0	18.0	21.8	-	20.5	-	23.0
7	19.8	17.4	19.8	18.0	17.3	-	23.0
8	20.1	19.6	20.0	20.9	19.7	20.5	16.8
9	20.8	20.7	19.8	20.0	20.5	22.1	17.5
10	19.4	19.9	20.4	20.6	19.4	20.7	18.4
11	19.3	18.7	20.4	19.2	20.4	19.4	18.4
12	18.9	19.6	19.7	18.5	19.5	19.4	15.7
13	19.2	20.2	18.9	19.5	18.9	20.5	18.9
14	18.7	19.8	18.5	19.1	19.4	18.5	19.2
15	18.7	19.4	18.7	18.8	19.3	19.1	16.9
16	19.0	19.2	18.6	19.2	18.6	17.5	20.1
17	20.0	19.8	20.1	18.7	19.7	18.1	18.4
18	20.4	20.5	21.1	20.1	20.5	20.5	18.2
19	19.9	20.2	22.2	21.0	21.1	22.8	18.9
20	19.5	19.9	20.3	19.8	20.9	20.0	18.2
21	21.3	20.6	19.6	21.1	20.8	19.3	19.0
22	19.2	19.4	22.4	22.5	22.2	19.7	18.0
23	22.1	22.4	22.4	20.5	19.4	20.7	16.3
24	23.0	18.0	21.3	21.3	23.0	18.0	9.9
10-12	19.1	19.2	20.0	18.8	20.0	19.4	17.8
14-16	18.9	19.3	18.7	19.0	18.9	18.3	18.4
0-24	19.6	19.8	19.9	19.6	19.8	19.7	18.1

7 Day Ave 19.5

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	18.5	23.4	-	-	33.5	18.8
2	-	-	-	-	-	23.5	28.1
3	-	-	-	-	28.7	19.0	-
4	-	-	-	-	23.1	-	-
5	-	28.2	-	-	23.6	-	-
6	28.2	24.0	28.5	-	28.7	-	23.5
7	23.5	18.1	23.2	18.8	23.0	-	23.8
8	23.3	23.0	23.6	23.2	23.4	23.2	23.8
9	23.3	23.3	28.5	24.0	23.4	28.4	18.3
10	23.0	23.5	23.7	23.1	23.3	23.4	24.0
11	23.5	23.9	23.9	23.1	24.0	23.3	23.8
12	23.2	23.5	23.4	23.8	23.8	23.5	18.7
13	23.9	23.4	23.3	23.4	23.7	23.1	23.9
14	23.6	23.8	23.3	23.5	23.4	23.5	23.9
15	23.8	23.8	23.2	23.1	23.7	24.0	18.4
16	23.9	23.7	23.5	23.1	23.3	23.6	23.1
17	23.3	23.7	23.2	23.2	23.4	23.9	24.0
18	23.5	24.0	23.6	23.0	23.4	23.7	23.8
19	23.1	23.3	23.4	23.7	23.9	28.4	23.7
20	23.6	23.5	23.9	23.5	23.1	23.7	23.4
21	23.4	23.4	23.5	23.6	23.6	23.1	23.0
22	24.0	23.7	23.2	23.2	23.3	23.8	18.2
23	28.1	28.2	28.7	23.5	28.1	23.7	23.2
24	28.9	18.4	23.7	23.7	23.2	18.5	18.5
10-12	23.6	23.5	23.6	23.8	23.1	23.2	23.4
14-16	23.3	23.8	23.8	23.4	23.4	23.2	23.1
0-24	23.1	23.5	23.2	23.9	24.0	23.3	23.3

7 Day Ave 23.5

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



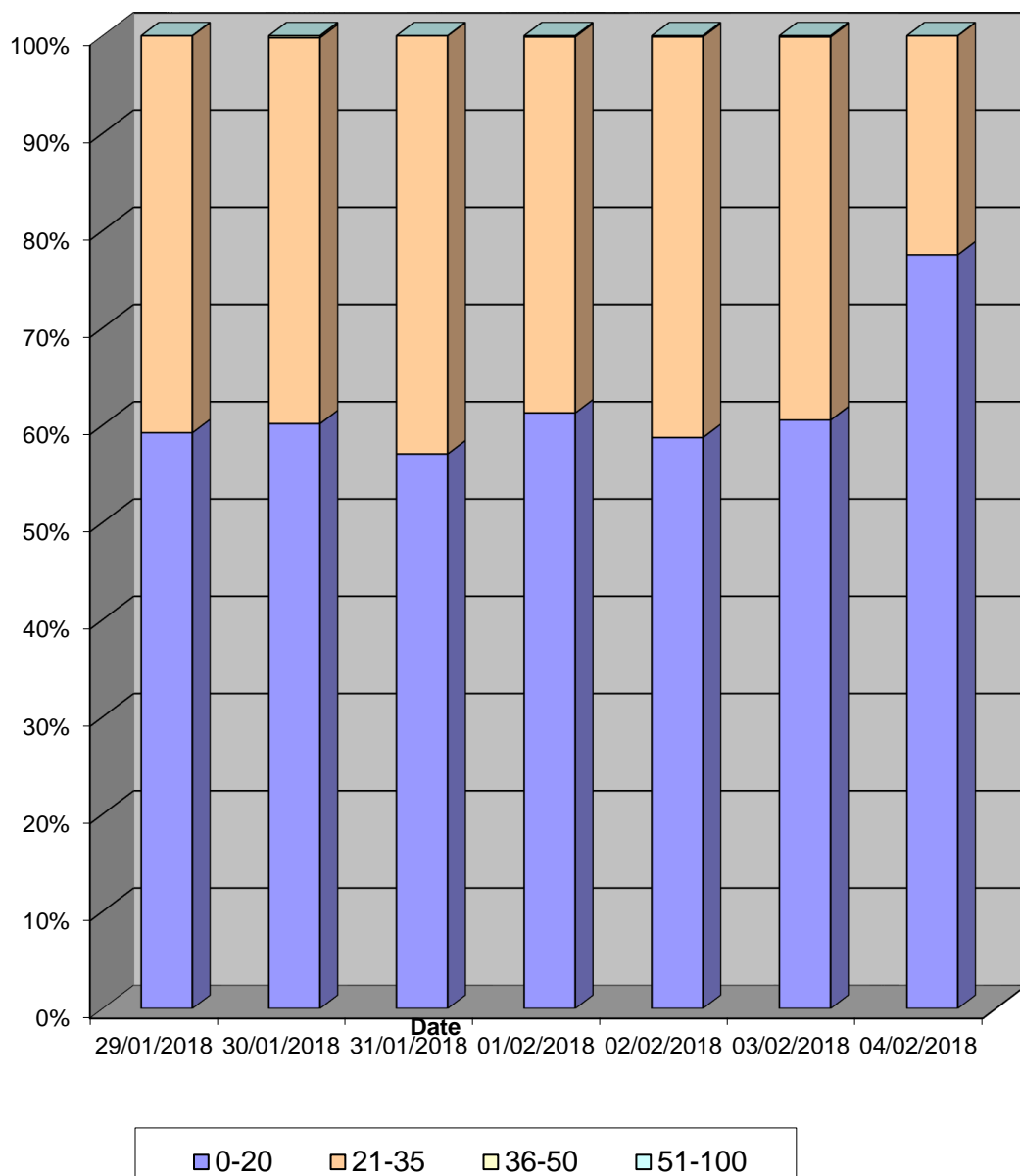
Channel 1 - Eastbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-20	541	591	508	556	540	536	272
21-35	373	390	383	351	379	349	79
36-50	0	2	0	1	1	1	0
51-100	0	0	0	0	0	0	0
TOTAL	914	983	891	908	920	886	351

Speed Summary (MPH)



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



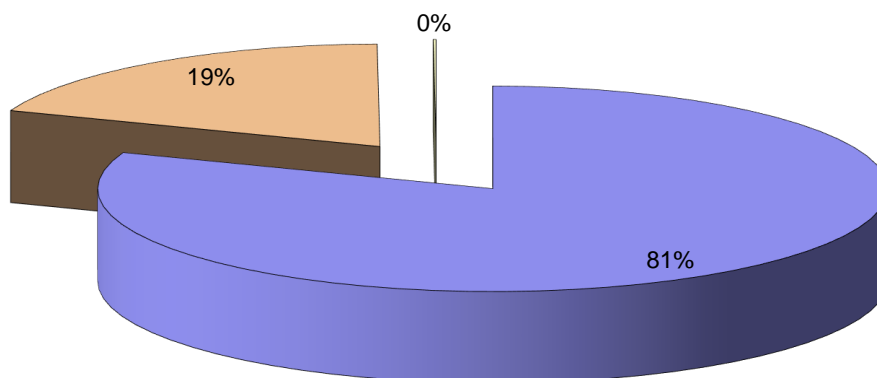
Channel 1 - Eastbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	634	176	0	810
6-22	704	188	1	893
6-24	720	188	1	909
0-24	724	189	1	914
06/02/2018				
7-19	667	199	0	866
6-22	748	217	0	965
6-24	757	217	0	974
0-24	762	221	0	983
07/02/2018				
7-19	566	177	6	749
6-22	667	191	6	864
6-24	677	192	6	875
0-24	688	197	6	891
08/02/2018				
7-19	636	164	0	800
6-22	723	173	0	896
6-24	735	173	0	908
0-24	735	173	0	908
09/02/2018				
7-19	649	172	0	821
6-22	708	183	0	891
6-24	721	187	0	908
0-24	729	191	0	920
10/02/2018				
7-19	702	92	0	794
6-22	761	105	0	866
6-24	776	106	0	882
0-24	780	106	0	886
11/02/2018				
7-19	255	35	0	290
6-22	290	40	0	330
6-24	298	45	0	343
0-24	306	45	0	351
Average				
7-19	587	145	1	733
6-22	657	157	1	815
6-24	669	158	1	828
0-24	675	160	1	836

Total Vehicle Class Distribution



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



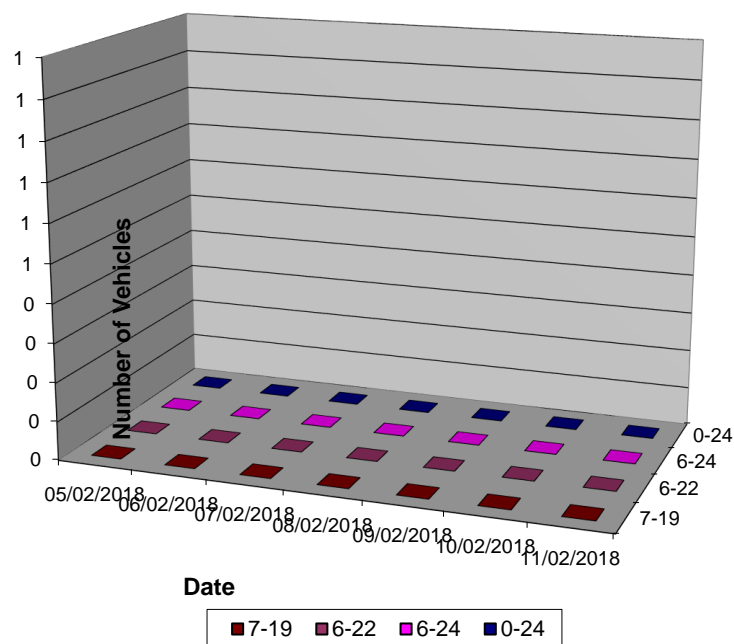
Channel 2 - Westbound

Vehicle Flow

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	0	0	0	0	0	0	0	0	0
6-22	0	0	0	0	0	0	0	0	0
6-24	0	0	0	0	0	0	0	0	0
0-24	0	0	0	0	0	0	0	0	0

Vehicle Flow (Channel 2)



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Average Speed

Week 2

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -

85th Percentile

Hr Ending	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	-	-	-	-	-	-	-
14-16	-	-	-	-	-	-	-
0-24	-	-	-	-	-	-	-

7 Day Ave -

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.

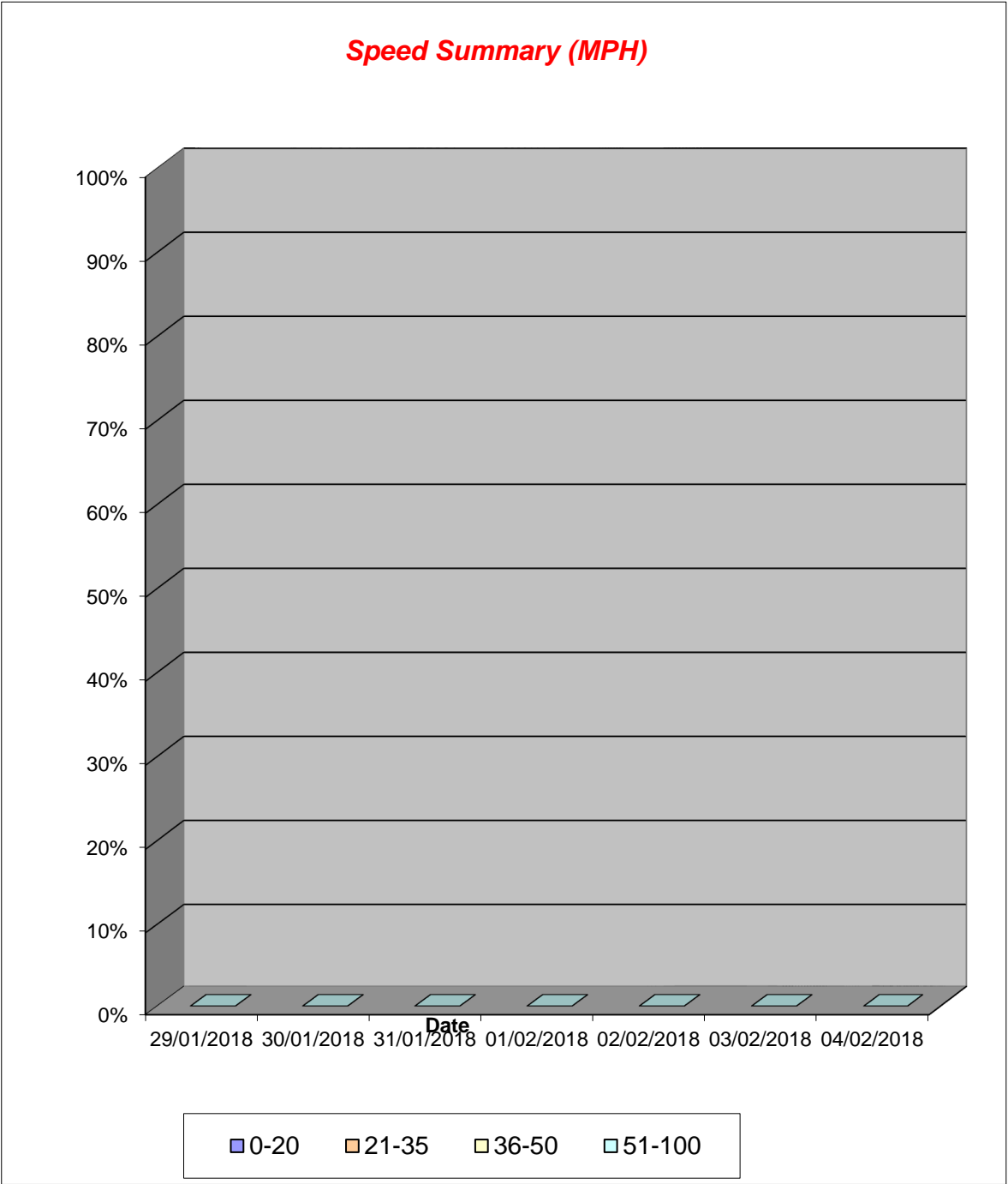


Channel 2 - Westbound

Speed Summary

Week 2

Speed (MPH)	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday
0-20	0	0	0	0	0	0	0
21-35	0	0	0	0	0	0	0
36-50	0	0	0	0	0	0	0
51-100	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0



Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 2 - Westbound

Vehicle Class

Week 2

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
05/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
06/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
07/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
08/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
09/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
10/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
11/02/2018				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0
Average				
7-19	0	0	0	0
6-22	0	0	0	0
6-24	0	0	0	0
0-24	0	0	0	0

Total Vehicle Class Distribution

0%

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	312	354	1005	1067	1002	899	415	393	393
Mean Speed	18.9	19.4	19.4	19.7	19.9	19.9	19.3	19.5	19.5
85thile Speed	23.1	23.6	23.1	23.5	23.5	23.9	23.3	23.4	23.4
No. Vehicles > 30 MPH Limit	1	4	8	9	5	6	1	5	5
% Vehicles > 30 MPH Limit	0.1	0.4	0.8	0.8	0.5	0.7	0.2	0.5	0.5
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85thile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	312	354	1005	1067	1002	899	415	393	393
Mean Speed	18.9	19.4	19.4	19.7	19.9	19.9	19.3	19.5	19.5
85thile Speed	23.1	23.6	23.1	23.5	23.5	23.9	23.3	23.4	23.4
No. Vehicles > 30 MPH Limit	1	4	8	9	5	6	1	5	5
% Vehicles > 30 MPH Limit	0.1	0.4	0.8	0.8	0.5	0.7	0.2	0.5	0.5
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	662	706	704	782	714	693	306	714	652
Mean Speed	19.8	19.7	21.0	20.1	20.4	19.9	20.3	20.2	20.2
85%ile Speed	24.2	24.3	25.5	23.5	23.5	23.4	23.9	24.2	24.0
No. Vehicles > 30 MPH Limit	1	3	6	9	4	5	1	5	4
% Vehicles > 30 MPH Limit	0.2	0.4	0.9	1.2	0.6	0.7	0.3	0.6	0.6
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85%ile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Eastbound & Westbound

	29/01/2018 Monday	30/01/2018 Tuesday	31/01/2018 Wednesday	01/02/2018 Thursday	02/02/2018 Friday	03/02/2018 Saturday	04/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	662	706	704	782	714	693	306	714	652
Mean Speed	19.8	19.7	21.0	20.1	20.4	19.9	20.3	20.2	20.2
85%ile Speed	24.2	24.3	25.5	23.5	23.5	23.4	23.9	24.2	24.0
No. Vehicles > 30 MPH Limit	1	3	6	9	4	5	1	5	4
% Vehicles > 30 MPH Limit	0.2	0.4	0.9	1.2	0.6	0.7	0.3	0.6	0.6
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	374	383	391	308	320	386	351	323	336
Mean Speed	19.6	19.8	19.9	19.6	19.8	19.7	18.1	19.7	19.5
85thile Speed	23.8	23.1	23.1	23.5	23.5	23.5	23.3	23.4	23.4
No. Vehicles > 30 MPH Limit	4	6	4	5	3	16	0	4	5
% Vehicles > 30 MPH Limit	0.4	0.6	0.4	0.6	0.3	1.8	0.0	0.5	0.6
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85thile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	374	383	391	308	320	386	351	323	336
Mean Speed	19.6	19.8	19.9	19.6	19.8	19.7	18.1	19.7	19.5
85thile Speed	23.8	23.1	23.1	23.5	23.5	23.5	23.3	23.4	23.4
No. Vehicles > 30 MPH Limit	4	6	4	5	3	16	0	4	5
% Vehicles > 30 MPH Limit	0.4	0.6	0.4	0.6	0.3	1.8	0.0	0.5	0.6
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Close coupled) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 2 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Tarbert, Isle of Harris ATC 03, Main Street

Produced by Streetwise Services Ltd.



Channel 1 - Eastbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	686	728	680	692	695	677	260	696	631
Mean Speed	19.9	19.6	20.5	19.9	20.8	20.6	18.5	20.2	20.0
85%ile Speed	24.6	23.3	24.1	23.2	24.3	23.7	22.2	23.9	23.6
No. Vehicles > 30 MPH Limit	2	4	2	4	2	12	0	3	4
% Vehicles > 30 MPH Limit	0.3	0.5	0.3	0.6	0.3	1.8	0.0	0.4	0.5
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	0	0	0	0	0	0	0	0	0
Mean Speed	-	-	-	-	-	-	-	-	-
85%ile Speed	-	-	-	-	-	-	-	-	-
No. Vehicles > 30 MPH Limit	0	0	0	0	0	0	0	0	0
% Vehicles > 30 MPH Limit	-	-	-	-	-	-	-	-	-
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	-	-	-	-	-	-	-	-	-

Channels 1+2 - Eastbound & Westbound

	05/02/2018 Monday	06/02/2018 Tuesday	07/02/2018 Wednesday	08/02/2018 Thursday	09/02/2018 Friday	10/02/2018 Saturday	11/02/2018 Sunday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	686	728	680	692	695	677	260	696	631
Mean Speed	19.9	19.6	20.5	19.9	20.8	20.6	18.5	20.2	20.0
85%ile Speed	24.6	23.3	24.1	23.2	24.3	23.7	22.2	23.9	23.6
No. Vehicles > 30 MPH Limit	2	4	2	4	2	12	0	3	4
% Vehicles > 30 MPH Limit	0.3	0.5	0.3	0.6	0.3	1.8	0.0	0.4	0.5
No. Vehicles > 45 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 45 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Tarbert, Isle of Harris - Manual Traffic Survey: Friday, 09 I

Produced by Streetwise Services Ltd.

Dismbarking

TIME	TYPE	VEH OCC
06:58:18	Car	1
15:46:29	Car	1
15:46:36	Car	1
15:46:39	Car	1
15:46:43	LGV	1
15:46:47	Car	2
15:46:51	LGV	1
15:46:57	Car	1
15:47:02	Car	1
15:47:07	Car	1
15:47:15	Car	1
15:47:21	Car	2
15:47:24	LGV	1
15:47:28	Mini Bus	1
15:47:36	LGV	1
15:47:39	Car	1
15:47:42	Car	1
15:47:46	Car	1
15:47:51	Car	2
15:47:59	Car	1
15:48:03	Car	1
15:48:08	LGV	1
15:48:12	Car	2
15:48:28	Car	2

Tarbert, Isle of Harris - Manual Traffic Survey: Friday, 09 February

Produced by Streetwise Services Ltd.

Embarking

TIME	TYPE	VEH OCC
07:01:23	HGV	1
07:01:43	LGV	1
07:01:50	LGV	1
07:02:01	Car	1
07:02:16	Car	1
07:02:21	Car	1
07:02:25	Car	1
07:02:29	Car	1
07:02:33	Car	1
07:02:42	Car	1
07:02:46	Car	1
07:02:49	Car	1
07:02:53	Car	1
07:02:56	LGV	1
07:03:01	Car	1
07:03:07	Car	1
07:03:10	Car	1
07:07:26	Car	1
07:07:39	Car	1
15:49:07	Car	1
15:49:11	LGV	1
15:49:16	LGV	1
15:49:28	Car	2
15:49:38	Car	1
15:49:45	Car	1
15:49:50	Car	1
15:49:54	Car	1
15:49:58	Car	1
15:50:02	Car	1

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Tarbert, Isle of Harris - Manual Traffic Survey: Saturday, 1

Produced by Streetwise Services Ltd.

Disembarking

TIME	TYPE	VEH OCCUPANCY
11:30:09	LGV	1
11:30:14	LGV	1
11:30:23	Car	1
11:30:28	Car	1
11:30:34	Car	1
11:30:38	Car	1
11:30:42	Car	1
11:30:46	Car	1
11:30:50	Car	1
11:30:52	Car	1
11:30:56	Car	1
11:31:07	LGV	1
11:31:10	Car	1
11:31:14	Car	2
11:31:19	Car	1
11:31:22	LGV	1
11:31:27	Car	1
11:31:36	Car	1
11:31:39	Car	1
20:05:32	Car	1
20:05:42	Car	1
20:05:44	Car	1
20:05:48	LGV	1
20:05:51	Car	2
20:05:55	Car	2
20:05:59	Car	1
20:06:05	Car	2
20:06:14	Car	1
20:06:18	LGV	2
20:06:22	Car	1
20:06:26	Car	2
20:06:38	Car	1
20:06:45	Car	1
20:06:48	Car	1
20:06:50	Car	1
20:06:54	Car	1
20:07:04	HGV	1
20:07:10	Car	1
20:07:12	Car	1
20:07:20	Car	2
20:07:23	Car	1
20:07:32	Car	1

20:07:36	Car	2
20:07:39	Car	1
20:07:43	Car	1
20:07:46	Car	2
20:07:50	Car	1
20:07:54	LGV	1
20:07:59	Car	1
20:08:01	Car	1

Tarbert, Isle of Harris - Manual Traffic Survey: Saturday, 10 Febr

Produced by Streetwise Services Ltd.

Embarking

TIME	TYPE	VEH OCCUPANCY
11:32:11	Mini Bus	9
11:32:17	LGV	1
11:32:21	LGV	2
11:32:25	LGV	1
11:32:34	Car	2
11:32:40	Car	1
11:32:44	Car	1
11:32:59	Car	1
11:33:03	Car	1
11:33:06	Car	1
11:33:13	Car	2
11:33:16	Car	1
11:33:21	Car	1
11:33:24	Car	1
11:33:34	Car	1
11:33:45	Car	1
11:33:51	Car	1
11:33:55	Car	1
11:34:01	Car	1
11:34:06	Car	2
11:34:09	Car	1

Tarbert, Isle of Harris - Manual Traffic Survey: Saturday, 1

Produced by Streetwise Services Ltd.

Disembarking

TIME	TYPE	VEH OCCUPANCY
11:30:09	LGV	1
11:30:14	LGV	1
11:30:23	Car	1
11:30:28	Car	1
11:30:34	Car	1
11:30:38	Car	1
11:30:42	Car	1
11:30:46	Car	1
11:30:50	Car	1
11:30:52	Car	1
11:30:56	Car	1
11:31:07	LGV	1
11:31:10	Car	1
11:31:14	Car	2
11:31:19	Car	1
11:31:22	LGV	1
11:31:27	Car	1
11:31:36	Car	1
11:31:39	Car	1
20:05:32	Car	1
20:05:42	Car	1
20:05:44	Car	1
20:05:48	LGV	1
20:05:51	Car	2
20:05:55	Car	2
20:05:59	Car	1
20:06:05	Car	2
20:06:14	Car	1
20:06:18	LGV	2
20:06:22	Car	1
20:06:26	Car	2
20:06:38	Car	1
20:06:45	Car	1
20:06:48	Car	1
20:06:50	Car	1
20:06:54	Car	1
20:07:04	HGV	1
20:07:10	Car	1
20:07:12	Car	1
20:07:20	Car	2
20:07:23	Car	1
20:07:32	Car	1

20:07:36	Car	2
20:07:39	Car	1
20:07:43	Car	1
20:07:46	Car	2
20:07:50	Car	1
20:07:54	LGV	1
20:07:59	Car	1
20:08:01	Car	1

Tarbert, Isle of Harris - Manual Traffic Survey: Saturday, 10 Febr

Produced by Streetwise Services Ltd.

Embarking

TIME	TYPE	VEH OCCUPANCY
11:32:11	Mini Bus	9
11:32:17	LGV	1
11:32:21	LGV	2
11:32:25	LGV	1
11:32:34	Car	2
11:32:40	Car	1
11:32:44	Car	1
11:32:59	Car	1
11:33:03	Car	1
11:33:06	Car	1
11:33:13	Car	2
11:33:16	Car	1
11:33:21	Car	1
11:33:24	Car	1
11:33:34	Car	1
11:33:45	Car	1
11:33:51	Car	1
11:33:55	Car	1
11:34:01	Car	1
11:34:06	Car	2
11:34:09	Car	1

Appendix E







HARRIS

TEXT CODE 24

UIG (SKYE) - TARBERT (HARRIS)

Table 24

				
Operates 30 March - 4 May and 11 September - 21 October				
DAY	Uig Depart	Tarbert Arrive	Tarbert Depart	Uig Arrive
MON	-	-	0720	0900
	1410	1550	1620	1800
TUE	0930	1110	1140	1320
	1830	2010	-	-
WED	-	-	0720	0900
	1410	1550	1620	1800
THU	0930	1110	1140	1320
	1830	2010	-	-
FRI	-	-	0720	0900
	1410	1550	1620	1800
SAT	0950	1130	1210	1350
	1900	2040	-	-
SUN	-	-	0845 A	1245 A
	1415	1555	1625	1805
	1835 A	2230 A	-	-
Operates 5 May - 10 September				
DAY	Uig Depart	Tarbert Arrive	Tarbert Depart	Uig Arrive
MON	0515	0655	0720	0900
	1410	1550	1620	1800
TUE	0930	1110	1140	1320
	1830	2010	-	-
WED	-	-	0720	0900
	1410	1550	1620	1800
THU	0930	1110	1140	1320
	1830	2010	-	-
FRI	-	-	0720	0900
	1410	1550	1620	1800
SAT	0950	1130	1210	1350
	1900	2040	2110	2250
SUN	1415	1555	1625	1805

CODE

A	Operates via Lochmaddy 1st April - 29th April and from 16th September - 21st October
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NOTE

Check-in closes for vehicles 45 minutes and passengers 30 minutes prior to departure

Commercial vehicle bookings are handled at individual ports. When calling your selected port to make a commercial vehicle booking, please select option 2 on a touch-tone phone. Contact Uig port office on 01470 220116 or Tarbert on 01859 570376

For information on bus services in this area, contact Traveline on 0871 200 2233 or visit www.traveline.info

Please note there will be an amended timetable in operation between 13 - 19 November 2017 due to planned Lochmaddy linkspan works. [View amended timetable in place for Lochmaddy linkspan closure.](#)



HARRIS

TEXT CODE 24

UIG (SKYE) - TARBERT (HARRIS)

Table 24

				
DAY	Uig Depart	Tarbert Arrive	Tarbert Depart	Uig Arrive
MON	-	-	0730	0910
WED	-	-	-	-
FRI	1400	1540	1600	1740
TUE	0940	1120	1150	1330
SAT	1815	1955	-	-
THU	1500	1640	-	-
SUN	-	-	0900 A	1300 A
	1430 A	1820 A	-	-
OPERATES 12 MARCH - 29 MARCH				
MON	-	-	0700	0850
WED	1400	1550	1610	1800
FRI	1515 A	1930 A	-	-
TUE	-	-	0700 A	1125 A
SAT	0940	1130	1155	1345
	1830	2020	-	-
THU	-	-	0700 A	1120 A
	1545	1735	-	-
SUN	-	-	1230	1425
	1545	1735	-	-
OPERATES 26 DEC 2017 AND 2 JAN 2018 ONLY				
DAY	Tarbert Depart	Uig Arrive	Uig Depart	Tarbert Arrive
TUE	0730	0910	1400	1540

CODE

A	Operates via Lochmaddy
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NOTE

Check-in closes for vehicles 45 minutes and passengers 30 minutes prior to departure

No service 25 December and 1 January

Commercial vehicle bookings are handled at individual ports. When calling your selected port to make a commercial vehicle booking, please select option 2 on a touch-tone phone.

Contact Uig port office on 01470 220116

or Lochmaddy on 01876 522509

For information on bus services in this area, contact Traveline on 0871 200 2233

or visit www.traveline.info

FARES

UIG - TARBERT	Single	Return
Driver/passenger	£6.10	£12.20
Child 5-15 (Infant under 5 free, must have a valid ticket)	£3.05	£6.10
Car or 4x4 (excludes driver)	£30.00	£60.00

<https://www.calmac.co.uk/uig-tarbert-harris-ferry-winter-timetable>

Borrisdale/Strond↔Leverburgh↔ Tarbert/Stornoway

Operator South Harris Coaches 01859 520259 or
07876574164, Stornoway to/from Leverburgh connecting
bus operated by Hebridean Transport (W10)

W15

Days Operated:		School Days	Monday to Saturday	School Holiday	Monday to Friday #	
Stops↓	Codes:		W10	A	B	W10
Borrisdale	0745			0815	0935	
Strond	0748			0818	0938	
Leverburgh Pier	0755+			0840+	↔ 0945#	
Tarbert	Arrive	0845		0925		1035#
Pier	Depart	↔	0940	↔		1130
Stornoway Bus Station			1040			1230

Days Operated:		Monday to Friday	Schoolday Friday		Mon to Thurs & School Holiday Friday		Monday to Friday	
Stops↓	Codes:		W10	B	W10	C	W10	D
Stornoway Bus Station	Stance 5		1230		1420		1735	
Tarbert	Arrive		1330		1520		1830	
Pier	Depart		1340		1550		1835	
Leverburgh Pier		1015e	↔ 1435		↔ 1640		↔ 1920	
Strond		1022e		1442		1647		1927
Borrisdale		1025e		1445		1650		1930

Codes:	A - book by 2000 previous day	B - book by 0800	C - book by 1500	D - book by 1700.	e - Journey B in to Leverburgh may also be booked to visit Leverburgh Surgery & Shops, 1015 journey is only as return for 0935.	# - 25 mins later 09 to 28 Jan 17 & similar dates in 2018 see W10 timetable for Winter 17/18, available when Cal-Mac Winter Timetable is confirmed	+ - Change bus
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all bookings A,B,C,D or e 📞 South Harris Coaches 01859 520259 or 07876574164

no service 25/26 Dec or 01/02 Jan

Leverburgh⇌Tarbert⇌Balallan⇌Stornoway

Operated by Hebridean
Transport 01851 705050

W10

Days/Dates Operated:		Monday to Saturday	Schoolday Only	Monday to Saturday	Monday to Friday	Monday to Saturday	Monday to Saturday	Monday to Saturday	Monday to Friday	Monday to Saturday	Monday to Saturday
Stops										2	1
Rodel Church					0902+						
Leverburgh Pier		0755		0845	0945		1135		1440	1700	1800
Northton Junct		0807		0852	0952		1142		1447	1707	1807
Northton Village		0810		0855	0955		1145		1450	...	...
Borve		0818		0903	1003		1153		1458	1715	1815
Seilibost		0824		0909	1009		1159		1504	1721	1821
Luskentyre A859 R.E		0829	↗	0913	1013		1203		1508	1725	1825
Luskentyre Village		...	0810	0918b	1018b		1208b		1513d	...	...
Ardvey Turn A859		0832		0920c	1020c		1210c		1515c	1731	1830
Golden Rd Jcn		0836		0925c	1025c		1215c		1520c	1735	1835
Tarbert	Arrive	0845		0930c	1030c		1220c		1525c	1740	1840
Pier	Depart	0735		0940	↘	1130	↘	1350A	↘	1625	
Ardhasaig		0739		0946		1136		1356A		1631	
Maaruiig Turn		0745		0954		1144		1404A		1639	
Ardvourlie		0752		1000		1150		1410A		1645	
Arivruaich		0801		1007		1157		1417A		1652	
South Lochs Turn		0805		1010		1200		1420A		1655	
Balallan School		0808		1012		1202		1422A		1657	
Laxay		0815		1017		1207		1427A		1702	
Keose Turn		0818		1020		1210		1430A		1705	
Cameron Terrace		0825		1025		1215		1435A		1710	
Stornoway Bus Station		0838		1040		1230		1450A		1725	

School Holiday Dates

Some buses run
Schoolday or
School Holiday
only. Summer
Holiday dates for
Lewis & Harris
are:

02 to 13 April 2018

04 & 07 May 2018

29 June to 15
August 2018

from 12 October
2018 to timetable
expiry date



d - book by 1630
previous day,
except Schoolday
Friday when bus
departs village at
1416 arriving at
A859 R.E 1422,
bus to Tarbert
arrives A859 R.E
at 1508. No bus
into village

Codes: 1 - 30 March to 25 August, on 16 May, 13 June or 14 July
please contact operator by 1600 previous day for
connection from Sound of Harris ferry

+ - W13 bus,
change at
Leverburgh Pier

A - runs 40mins
later on
Schoolday
Fridays

b - book by
1630 previous
day

c - runs upto
8mins later if
Luskentyre
served

2 - From 27 August to 21 October 2018



Leverburgh⇄Tarbert⇄Balallan⇄Stornoway						Operated by Hebridean Transport 01851 705050				W10		
Stops	Days/Dates Operated:	Monday to Friday	Schoolday Only	Monday to Saturday	Monday to Friday		Monday to Saturday	Monday to Saturday		Monday to Saturday	Monday to Friday	School Holiday Dates Some buses run Schoolday or School Holiday only. Winter Holiday dates for Harris are: 13 to 25 October 2017 24 to 27 November 2017 22 December 2017 to 03 January 2018 07 to 12 February 2018
					23 Oct to 13 Jan & 29 Jan to 29 Mar	15 to 27 Jan		26 Feb to 29 Mar	29 Jan to 24 Feb		29 Jan to 29 Mar	
Rodel Church				0902+	0902+							
Leverburgh Pier		0755	0845	0945	1010		1220	1300		1505	1700	
Northton Junct		0807	0852	0957	1022		1232	1305		1510	1707	
Northton Village		0810	0855	1000	1025		1234	:		1513	:	
Borve		0818	0903	1008	1033		1242	1311		1521	1715	
Seilibost		0824	0909	1014	1039		1248	1317		1527	1721	
Luskentyre Turn		0829 ↘	0913	1018	1043		1252	1321		1531	1725	
Luskentyre Village		: 0810	0918b	1023b	1048b		1257b	:		:	:	
Ardvey Turn A859		0832	0920c	1025c	1050c		1259c	1328		1537	1731	
Golden Rd Jcn		0836	0925c	1030c	1055c		1303c	1332		1542	1735	
Tarbert Pier	Arrive	0845	0930c	1035c	1100c		1309c	1338		1547	1740	
	Depart	0735	0940	↘	↘ 1130		↘	↘ 1350A		↘ 1625		
Ardhasaig		0739	0946		1136			1356A		1631		
Maaruig Turn		0745	0954		1144			1404A		1639		
Ardvourlie		0752	1000		1150			1410A		1645		
Arivruaich		0801	1007		1157			1417A		1652		
South Lochs Turn		0805	1010		1200			1420A		1655		
Balallan School		0808	1012		1202			1422A		1657		
Laxay		0815	1017		1207			1427A		1702		
Keose Turn		0818	1020		1210			1430A		1705		
Cameron Terrace		0825	1025		1215			1435A		1710		
Stornoway Bus Station		0838	1040		1230			1450A		1725		
Codes:	A - runs 40mins later on Schoolday Fridays		b - book by 1630 previous day		c - runs upto 8mins later if Luskentyre served		+ - W13 Bays bus, change at Leverburgh Pier		no service 26/27 Dec or 02/03Jan			

WINTER TIMETABLE

VALID 23 OCTOBER

2017 TO 29 MARCH

2018

Days Operated:		Monday to Saturday		Monday to Friday		Monday to Saturday		Monday to Saturday except Schoolday Friday		Schoolday Friday		Monday to Saturday		Schoolday Monday to Thursday		Schoolday Friday Saturday & School Holiday		Monday to Saturday		School Holiday Dates	
Stops		Monday to Saturday		Monday to Friday		Monday to Saturday		Monday to Saturday except Schoolday Friday		Schoolday Friday		Monday to Saturday		Schoolday Monday to Thursday		Schoolday Friday Saturday & School Holiday		Monday to Saturday		School Holiday Dates	
Stornoway Bus Station		Stance 5				0935		1230				1420				1555b		1735		Some buses run Schoolday or School Holiday only. Summer Holiday dates for <u>Harris</u> are:	
Cameron Terrace						0950		1245				1435				1615		1750		02 to 13 April 2018	
Keose A859 Road End						0955		1250				1440				1620		1755		04 & 07 May 2018	
Laxay						0958		1253				1443				1623		1758		29 June to 15 August 2018	
Balallan Old School						1003		1258				1448				1628		1802		from 12 October 2018 to timetable expiry date	
South Lochs Turn						1005		1300				1450				1630		1805			
Arivruaich						1008		1303				1453				1633		1808			
Ardvourlie						1015		1310				1500				1640		1815			
Maaruiig A859 Road End						1021		1316				1506				1646		1821			
Ardhasaig						1029		1324				1514				1654		1829			
Tarbert Pier		Arrive				1035		1330				1520				1700		1835			
		Depart		0715		0830		1045		1340		1340		1340		1550		1550		1555	
Sir E Scott Sch		...		...		...				...		1350		1350		(1545)		(1545)		...	
Golden Rd Jcn		0720		0835		1050				1345		1355		1355		1555		1555		1600	
Ardvey Turn		0725		0840		1055				1348		1400		1400		1600		1600		1603	
Luskentyre Turn		0730		0845		1100				1350		1405		1405		1605		1605		1605	
Luskentyre Village		...		...		...				1353d		...		1416		...		1613		1608d	
Seilibost		0733		0848		1103				1355c		1410		1425		1610		1622e		1610c	
Borve		0741		0850		1111				1400c		1415				1615		1627e		1615c	
Northton Junction		0748		0900		1116				1407c		1422				1623		1635e		1622c	
Northton Village		...		0903		1118r				1410c		1427				1627		...		1625c	
Leverburgh Pier		0755		0910		1125				1422c		1435				1635		1640e		1635c	
Rodel Church				0940a												1640d				1640d	

Stornoway⇄Balallan⇄Tarbert⇄Leverburgh		Operated by Hebridean Transport 01851 705050		W10
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Days/Dates Operated:	Monday to Saturday	Monday to Friday	Monday to Friday	Mon to Sat 29 Jan to 29 Mar	Monday to Saturday	Monday to Saturday except Schoolday Friday	Schoolday Friday	Monday to Saturday	Schoolday Monday to Thursday	Schoolday Friday & School Holiday	Saturday	Monday to Saturday	School Holiday Dates
Stops													
Stornoway Bus Station	Stance 5		1020		1230			1420				1555b	1735
Cameron Terrace			1035		1245			1435				1615	1750
Keose Turn			1040		1250			1441				1621	1756
Laxay			1043		1253			1443				1623	1758
Balallan School			1048		1258			1447				1627	1802
South Lochs Turn			1050		1300			1450				1630	1805
Arivruaich			1053		1303			1455				1635	1810
Ardvourlie			1100		1310			1503				1643	1818
Maaruig Turn			1106		1316			1510				1650	1825
Ardhasaig			1114		1324			1516				1656	1831
Tarbert Pier	Arrive		1120		1330			1520				1700	1835
	Depart	0715	0830	↻ 1130	↻ 1340	1340	1340	↻ 1550	1550	1555	1540d		1835d
Sir E Scott Sch	:	:	:	:	:	1350	1350	(1545)	(1545)	:	:	:	:
Golden Rd Jcn	0720	0835	1135	1135	1345	1355	1400	1555	1555	1600	1545d		1840d
Ardvey Turn	0725	0840	1140	1140	1348	1400	1405	1600	1600	1603	1548d		1843d
Luskentyre Turn	0730	0845	1145	1145	1350	1405	1410	1605	1605	1605	1550d		1845d
Luskentyre Village	:	:	:	:	1353d	:	1416	:	1613	1608d	1553d		:
Seilibost	0733	0848	1148	1148	1355c	1410	1425	1610	1622e	1610c	1555d		1850d
Borve	0741	0850	1156	1156	1400c	1415		1615	1627e	1615c	1600d		1855d
Northton Junction	0748	0900	1201	1201	1407c	1422		1623	1635e	1622c	1607d		1902d
Northton Village	:	0903	1203r	1203r	1410c	1427		1627	:	1625c	1610d		1905d
Leverburgh Pier	0755	0910	1210	1210	1422c	1435		1635	1640e	1635c	1620d		1915d
Rodel Church		0940a						1640d		1640d	1625d		1920d

Some buses run Schoolday or School Holiday only. Winter Holiday dates for Harris are:

23 to 25
October 2017

24 to 27
November
2017

22 December
2017 to 03
January 2018

07 to 12
February 2018

no service
25/26 Dec or
01/02 Jan

Codes:	b - via Newvalley Schoolday Monday to Thursday, via Willowglen departing at 1600 Friday, Saturday & School Holiday Monday to Thursday	e - only from 29 January	d - request by or at Tarbert Pier	a - Bays bus(W13), change at Leverburgh	WINTER TIMETABLE VALID 23 OCTOBER 2017 TO 29 MARCH 2018
		r - on request	c - upto 8mins later if Luskentyre is served		

Tarbert⇄Maaruig⇄Rhenigidale

Operator A Macdonald (AM) 07825879834 or 07769698306,
connecting service by Hebridean Transport (HT)

W11

Operator			AM	HT	AM	HT	HT	AM	HT	HT	AM	HT	HT	AM	HT	HT	AM	Summer
Days Operated:			School Days		School Holidays All Year &		Schoolday Friday		Winter School Holidays upto 30/Mar/17 & from 23/Oct/17 to 29/Mar/18		Schoolday Monday to Thursday		Summer School Holidays 31/Mar/17 to 22/Oct/17		Summer Saturdays 31/Mar/17 to 22/Oct/17		Summer	
					Summer Saturdays 31/Mar/17 to 22/Oct/17												AM	
Stops																		

Stornoway Bus Station																						
Stance 5																						
Tarbert Pier		0750			0850x			1230 1330⇒	1345			1420 :	1500x			1420 1520⇒	1540			1600 :	1640x	
Maaruig A859 Road End		0803			0900x				1400			1510⇒	1510x				1600			1650	1650x	
Maaruig Village		:			0905x				1410				1515x				1605				1655x	
Rhenigidale	Arrive	0815			0920x				1425				1530x				1620				1710x	
	Depart	0815			0920x				1425				1555x				1620				1710x	
Maaruig Village		0825			0930x				1435				1605x				1630				1720x	
Maaruig A859 Road End		0830			0935⇒	0954				1440⇒	1444				1610x			1635⇒	1639			1725x
Tarbert Pier		0850⇒	0940			0950	:			1450	:			1625⇒	1625			1645	:			1740x
Stornoway Bus Station			1040				1040				1530				1725				1725			

Codes:

x - book Morning Journey by 2000 previous day else 2hrs notice, may also be booked to/from Ceann an Ora

No service 25/26 Dec or 01/02 Jan

School Holiday Dates	Some buses run School Days or School Holiday only. Holiday dates for <u>Harris</u> are:	02 to 17 April 2017	28 April to 01 May 2017	02 July to 16 August 2017	13 to 25 October 2017	24 to 27 November 2017	22 December 2017 to 03 January 2018	07 to 12 February 2018
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Harris East - Bays Route: Leverburgh⇒Rodel⇒Stockinish⇒Tarbert

Operators South Harris Coaches (SHC) 01859 520259 or 07876574164,
K MacIennan (KM)01859 511253 & Hebridean Transport (HT) 01851
705050

W13

Operated by:		KM	W10	HT	SHC	W10	SHC	W10	HT	KM	W10	SHC	HT	KM
Days Operated :		School day	Monday to Saturday	School day	Monday to Saturday		Monday to Saturday		Schoolday Friday	Monday to Saturday	School day	Schoolday Monday to Thursday		
Stops														
Leverburgh Pier		0755			0930		1245			1435		1510		1635
Leverburgh, An Clachan		0758			0933		1248			1438		1521s		1638
Rodel Church		0800			0940		1255			1450		1528		1650
Lingerbay Turn		0805			0945		1300			1454		1533		1654
Finsbay		0811			0950		1305			1459		1539		1659
Manish		0817			0956		1311			1504		1545		1704
Geocrab		0821			1000		1315			1507		1549		1707
Ardvey, A859 Turn		0830		0800	...		...		1430	...		...	1630	...
Ardvey, Village Junction		(0825)		0805	1003		1318		...	1512		1552	...	1712
Lackalee		...		0808	1005		1320		...	Req		1554	...	Req
Stockinish		...		0810	1006		1321		...	Req		1555	...	Req
Cluer		...		0815	1011		1326		...	Req		1559	...	Req
Grosebay		...		0819	1015		1330		...	Req		1602	...	Req
Scadabay		...		0825	1020		1335		...	Req		1606	...	Req
Plockropool		...		0827	1022		1337		...	Req		1608	...	Req
Drinishader		...		0830	1024		1338		...	Req		1610	...	Req
Meavaig		...		0833	1027		1341		...	Req		1613	...	Req
Golden Road Junction		0835	0920c	0835	1030		1345	1215c	1435	1520b	1520c	1615	1635	1720b
Diraclet Mill Road		0836	0921c	0839	1032		1347	1216c	1437	1522b	1521c	1617	1637	1722b
Tarbert Junction		0838	0923c	0842	1033		1348	1218c	1438	1523b	1523c	1618	1638	1723b
Sir E Scott School		0840	...	0845	...		...	...	...	...	...	...	...	...
Tarbert	Arrive	0845	0925c	0850	1035		1350	1220	1440	1525b	1525c	1620	...	...
Pier	Depart		0940			1130		1350A			1625		1640	1725b
Stornoway Bus Station			1040			1230		1450A			1725			

School Holiday Dates

Some buses run Schoolday or School Holiday only. Summer Holiday dates for Lewis & Harris are:

02 to 13 April 2018

04 & 07 May 2018

29 June to 15 August 2018

from 12 October 2018 to timetable expiry date



Codes:	Req - request to driver	s- via School at 1520	c - 8mins later if Luskentyre is served, W10 bus	A - 40mins later on Schoolday Friday	b - up to 20mins later if Golden Road request operates
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Connecting service to Stornoway by Hebridean Transport, see W10 for more detailed timetable



East Harris: Leverburgh ⇄ Rodel

⇄ Stockinish ⇄ Tarbert (Bays Route)

Operated by South Harris Coaches (SHC) 01859 520259 or
07876574164, K MacLennan (KM) 01851 822661 & Hebridean
Transport (HT) 01851 705050

W13

Operated by:	KM	HT	HT(W10)	SHC	HT(W10)	SHC	HT(W10)	SHC	HT	KM	HT(W10)	SHC	HT	KM
Days Operated:	Schoolday		Monday to Saturday	Monday to Saturday		Schoolday Mon to Thur	Monday to Saturday	Friday	Schoolday Friday	Schoolday Friday	Monday to Saturday	Schoolday	Schoolday Monday to Thursday	
Stops														
Leverburgh Pier	0755			0930				1245		1435		1510		1635
An Clachan	0758			0933				1248		1438		1521s		1638
Rodel	0800			0940				1255		1450		1528		1650
Lingerbay Turn	0805			0945				1300		1454		1533		1654
Finsbay	0811			0950				1305		1459		1539		1659
Manish	0817			0956				1311		1504		1545		1704
Geocrab	0821			1000				1315		1507		1549		1707
Ardvey Jcn	0825	0805		1003		1201		1318		1512		1552		1712
Ardvey Turn A859	0830	(0800)		:		:		:	1430	:		:	1630	:
Lackalee	:	0808		1005		1202		1320	:	Req		1554	:	Req
Stockinish	:	0810		1006		1203		1321	:	Req		1555	:	Req
Cluer	:	0815		1011		1208		1326	:	Req		1559	:	Req
Grosebay	:	0819		1015		1212		1330	:	Req		1602	:	Req
Scadabay	:	0825		1020		1217		1335	:	Req		1606	:	Req
Plockropool	:	0827		1022		1219		1337	:	Req		1608	:	Req
Drinishader	:	0830		1024		1220		1338	:	Req		1610	:	Req
Meavaig	:	0833		1027		1223		1341	:	Req		1613	:	Req
Golden Rd Jcn	0835	0835	0920c	1030d		1225	1303g	1345	1435	1520b	1542	1615	1635	1720a
Diracleit Mill Rd	0836	0839	0921c	1032d		1227	1304g	1347	1437	1522b	1543	1617	1637	1722a
Tarbert Junction	0838	0842	0923c	1033d		1228	1306g	1348	1438	1523b	1545	1618	1638	1723a
Sir E Scott School	0840	0845	:	:		:	:	:	:	:	:	:	:	:
Tarbert	0845	0850	0925c	1035d		1230	1309g	1350	1440	1525	1547	1620	1640	1725a
Pier	Arrive		0940		1130		1350A				1625			
Stornoway Bus Station	Depart		1040		1230		1400A				1725			

School Holiday Dates

Some buses run Schoolday or School Holiday only. Winter Holiday dates for Harris are:

13 to 25 October 2017

24 to 27 November 2017

22 December 2017 to 03 January 2018

07 to 12 February 2018

no service 25/26 Dec or 01/02 Jan

Codes:	d- W10 also available 25 mins later Mon to Fri 15 to 27 Jan, see W10 timetable for details	req - request to driver	g - 8mins later if Luskentyre served & 29mins later 29 Jan to 25 Feb	s - via school at 1520	A - 40mins later on a Schoolday Friday	b - may run 20mins later if Golden Rd request operates	c - 8mins later if Luskentyre served
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WINTER TIMETABLE VALID
23 OCTOBER 2017 TO 29
MARCH 2018

Harris East - Bays Route: Tarbert⇒Stockinish⇒Rodel⇒Leverburgh

Operators South Harris Coaches (SHC) 01859 520259 or
07876574164, K MacLennan (KM)01859 511253 & Hebridean Transport
(HT) 01851 705050

W13

Operated by:		HT	SHC	W10	SHC	KM	HT	W10	SHC	KM	HT	W10	SHC	SHC	W10	W10	SHC
Days Operated :		Schoolday	Monday to Saturday	Monday to Saturday	Schoolday Friday	Monday to Saturday	Schoolday	Schoolday Monday to Thursday	Monday to Saturday	School Holiday	Saturday	Monday to Saturday	Monday to Saturday	Monday to Saturday	Monday to Saturday	Monday to Saturday	Monday to Saturday
Stops																	
Stornoway Bus Station	Stance 5			0935				1230				1420			1555b	1735	
Sir E Scott School				1030	1350	1350	↔1325	1545	1545	1515				1655	1830		
Tarbert Pier	Arrive			1035	...	...	1330	1550	1550	1520				1700	1835		
	Depart	0750	0810	1045⇒1130	...	...	↔1405	1550	1550	↔1545	1545			1710	↔1835		
Tarbert Junction		0752	0812	1047	1132	1352	1352	1552	1552		1550x	1550x		1712		1837r	
Diraclet Mill Road		0753	0813	1049	1133	1353	1353	1553	1553		1555x	1555x		1714		1839r	
Golden Road Junction		0755	0815	1050	1135	1355	1355	1555	1555		1556x	1556x		1715		1840r	
Meavaig	...		0817		1137	...	1358	1412	...	1558	1558x	1558x				1842r	
Drinishader	...		0820		1140	...	1402	1415	...	1602	1600x	1600x				1845r	
Plockropool	...		0823		1143	...	1406	1418	...	1606	1602x	1602x				1848r	
Scadabay	...		0825		1145	...	1409	1420	...	1609	1603x	1603x				1850r	
Grosebay	...		0831		1151	...	1415	1426	...	1615	1607x	1607x				1856r	
Cluer	...		0835		1155	...	1420	1430	...	1620	1610x	1610x				1900r	
Stockinish	...		0837		1157	...	1422	1432	...	1622	1612x	1612x				1902r	
Lackalee	...		0839		1159	...	1425	1434	...	1625	1614x	1614x				1904r	
Ardvey, A859 Turn	0800	...	...	...	1400	1430	...	1600	1630	...	...	...				...
Ardvey, Village Junction	0805	0840		1201	1403			1436	1603		1615x	1615x				1905r	
Geocrab		0844		1205	1407			1440	1607			1619x				1909r	
Manish		0846		1208	1409			1443	1609			1621x				1911r	
Finsbay		0851		1214	1415			1449	1615			1626x				1917r	
Lingerbay Turn		0856		1219	1420			1454	1620			1631x				1923r	
Rodel Church		0901		1224	1425			1459	1625								
Leverburgh, An Clachan		0908		1231r	1430r			1506r	1630r								
Leverburgh Pier		0915rs		1235	1435			1510	1635								

Codes:	b - via Newvalley Schoolday Mon to Thurs, departs at 1600 via Willowglen on Friday, Saturday & School Holiday Mon to Thurs	r - on request	x - request onboard or boarding at Tarbert Pier	s - via school
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School Holidays:	Some buses run School Days or School Holiday only. Holiday dates for Harris are:	02 to 13 April 2018	04 & 07 May 2018	29 June to 15 August 2018	12 to 19 October 2018
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W10 -
Connecting bus
from Stornoway
operated by
Hebridean
Transport



East Harris: Tarbert⇌Stockinish ⇌Rodel⇌Leverburgh (Bays Route)

Operated by South Harris Coaches (SHC) 01859 520259 or
07876574164, K MacIennan (KM) 01851 822661 & Hebridean
Transport (HT) 01851 705050

W13

Operated by:		HT	SHC	HT(W10)	SHC	SHC	SHC	HT(W10)	KM	HT	SHC	HT(W10)	KM	HT	HT(W10)	SHC	School Holiday Dates	
Days Operated:		Schoolday	Monday to Saturday	Monday to Friday	School day Monday to Thursday	School Holiday Monday to Thursday & Saturday	Friday	Monday to Saturday	Schoolday Friday		Schoolday	Monday to Saturday	Schoolday Monday to Thursday		Monday to Saturday			
Stops																		
Stornoway Bus Station		Stance 5		1020				1230				1420				1735		Some buses run Schoolday or School Holiday only. Winter Holiday dates for Harris are:
Tarbert Pier		0750	0810	1120⇒	1130	1130	1130	1330⇒	1340a	1340a	1405	1520⇒	b	b	1835⇒	1835		
Sir E Scott School		:	:		:	:	:	:	1350	1350	:	:	1545	1545	:	:	13 to 25 October 2017	
Diracleit Mill Road		0753	0813		1133	1133r	1133	1343y	1353	1353	1408	z	1553	1553		1839r		
Golden Rd Jcn		0755	0815		1135	1135r	1135	1345y	1355	1355	1410	z	1555	1555		1840r	24 to 27 November 2017	
Meavaig		:	0817		1137	1137r	1137		:	1358	1412		:	1558		1842r		
Drinishader		:	0820		1140	1140r	1140		:	1402	1415		:	1602		1845r	22 December 2017 to 03 January 2018	
Plockropool		:	0823		1143	1143r	1143		:	1406	1418		:	1606		1848r		
Scadabay		:	0825		1145	1145r	1145		:	1409	1420		:	1609		1850r	07 to 12 February 2018	
Grosebay		:	0831		1151	1151r	1151		:	1415	1426		:	1615		1856r		
Cluer		:	0835		1155	1155r	1155		:	1420	1430		:	1620		1900r	no service 25/26 Dec or 01/02 Jan	
Stockinish		:	0837		1157	1157r	1157		:	1422	1432		:	1622		1902r		
Lackalee		:	0839		1159	1159r	1159		:	1425	1434		:	1625		1904r	WINTER TIMETABLE VALID 23 OCTOBER 2017 TO 29 MARCH 2018	
Ardvey Turn A859		0800	:		:	:	:		1400	1430	:		1600	1630		:		
Ardvey Jcn		0805	0840		1201	1201r	1201		1403		1436		1603			1905r		
Geocrab			0844			1204r	1205		1407		1440		1607			1909r		
Manish			0846			1206r	1208		1409		1443		1609			1911r		
Finsbay			0851			1212r	1214		1415		1449		1615			1917r		
Lingerbay Turn			0856			1220r	1219		1420		1454		1620			1923r		
Rodel			0901			1225r	1224		1425		1459		1625					
An Clachan			0908				1231r		1430r		1506r		1630r					
Leverburgh Pier			0915r				1235		1435		1510		1635					
Codes:	y - via Sir E Scott school & 10mins later on Schoolday Fridays			z- see w10 for School Holiday & Saturday			b - 1550 after serving School		r - request to driver		a - use Hushinish(W12) bus to School		c - serves Leverhulme School					
WINTER TIMETABLE VALID 23 OCTOBER 2017 TO 29 MARCH 2018																		

Scalpay⇒Tarbert⇒Stornoway	Operators Scalpay Minibus (SM) 01859 540337/ 07909715072 Hebridean Transport (HT) 01851 705050 & A Macdonald (AM) 07825879834	W14
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Operator :		HT	SM	HT	HT	SM	Winter AM	Summer AM	HT	SM	HT	HT	HT	SM	SM	AM	HT	HT
Days/Dates Operated:		Schoolday	School Holiday	Saturday	Monday to Saturday	Monday to Friday	Saturdays upto 30/Mar/17 & from 23/Oct/17 to 29/Mar/18	Saturday 31-Mar-17 to 22-Oct-17	Monday to Saturday	Monday to Saturday		Schoolday Friday		Schoolday	School Holiday	Saturday	School day Mon to Thurs	Monday to Saturday
Stops																		
Outend Scalpay		0755	0840			x	x	x		1250c				x	1510			
Scalpay Village Shop		0807	0850	0915		1000	1000	1100		1300c		1410		1450a	1520	1545g	1610	
Kyles Scalpay RE		0812	0855	0920		1005	1005	1105		1305c		1415		1455a	1525	1550g	1615	
Kyles Scalpay		:	0857x	0922		1007x	1007x	1107x		1306x		:		1456a	1526x	:	:	
Carragreich		0817	0900	0925		1010	1010	1110		1310c		1420		1500a	1530	1555g	1620	
Urgha RE		0822	0905	0927		1015	1015	1115		1315c		1423		1505a	1535	1558g	1622	
Urgha		:	0906x	:		1016x	1016x	1116x		1316x		:		1506a	1536x	:	:	
Tarbert Pier	Arrive	0830	0910	0935		1020	1020e	1120e		1320e		1428		1510a	1540	1600g	1625	
	Depart	↻	↻	↻	0940	↻	↻	↻	1130	↻	1350d	↻	1430	↻	↻	↻	↻	1625
Stornoway Bus Station					1040				1230		1450d		1530					1725

Codes:	x - Book AM journeys by 2000 previous day else 3hrs notice ☎ Monday to Friday 01859 540337 or Saturday 07825879834	a - request & only to connect to ferry or W10 Bus, book by 1200 ☎01859 540337	b - Operator A Macdonald on Saturday	c - On Saurdays runs 10mins, 3hrs notice for Outend & operated by A Macdonald	d - 40mins later on a Schoolday Friday	e - request to Sport Centre Saturdays	g - Operates 25mins later 31/March/17 to 22/October/17	No Service 25/26 Dec 2017 or 01/02 Jan 2018
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School Holiday Dates	Some buses run School Days or School Holiday only. Holiday dates for Harris are:	02 to 17 April 2017	28 April to 01 May 2017	02 July to 16 August 2017	13 to 25 October 2017	24 to 27 November 2017	22 December 2017 to 03 January 2018	07 to 12 February 2018
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Stornoway→Tarbert→Scalpay

Operators Scalpay Minibus (SM) 01859 540337 / 07909715072
Hebridean (HT) 01851 705050 & A Macdonald (AM) 07825879834

W14

		Operator	HT	SM	Winter AM	Summer AM	HT	SM	AM	HT	HT	SM	HT	SM	AM	HT	SM	HT	AM			
Days Operated:		Schoolday	All School Holidays	Saturdays upto 30/Mar/17 & from 23/Oct/17 to 29/Mar/18	Saturday 31/Mar/17 to 22/Oct/17	Monday to Saturday (b)	Monday to Friday	Saturday	Schoolday Friday	Monday to Saturday	Monday to Friday	Monday to Saturday	Schoolday Friday	Saturday	Schoolday Monday to Thursday	School Holiday	Monday to Saturday					
Stops																						
Stornoway Bus Station		Stance 5																				
Tarbert Pier		Arrive																				
Tarbert Pier		Depart	0750	0915	0915	1020	0935b 1035b		1130	1230e	1340	1230 1330		1345	1420 1520		1520a	1520ge	1540	1600	1735 1835	
Urgha RE			0753	0918	0918	1023			1132	1233	1352v			1348			1523a	1523g	1553v	1603		
Urgha		:	0919r	0919r	1024r			1133r	1234r	:			1349r			1524a	:	:	1604r	:		
Carragreich			0755	0925	0925	1030			1140	1240	1359			1355			1530a	1530g	1600	1610		
Kyles Scalpay RE			0759	0930	0930	1037			1145	1245	1404			1400			1535a	1535g	1605	1615		
Kyles Scalpay			0802	0931r	0931r	1038r			1147r	1247r	1407r			1402r			1537a	:	1608r	1617r		
Scalpay Village Shop			0805	0935	0935	1040			1150	1250	1409			1405			1540a	1540g	1610	1620		
Outend Scalpay				0945r	0945r	1045r			1155r	1255r	1415s			1410r			1545a		1617s	1625r		

Codes:	a - request & only from Tarbert ferry or W10 bus service, book by 1200 ☎ 01859 540337	b- 45mins later & no Saturday service upto 30/Mar/17 & from 23/Oct/17 to 29/Mar/18	g - 20mins later from 31/Mar/17 to 22/Oct/2017	r - request to driver	s - operated by Scalpay Minibus from shop	v - via Sir E Scott School	e - connection from Sport Centre available, contact operator	No Service 25/26 Dec 2017 or 01/02 Jan 2018
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School Holiday Dates	Some buses run School Days or School Holiday only. Holiday dates for <u>Harris</u> are:	02 to 17 April 2017	28 April to 01 May 2017	02 July to 16 August 2017	13 to 25 October 2017	24 to 27 November 2017	22 December 2017 to 03 January 2018	07 to 12 February 2018
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Appendix F

- 1. ALL LEVELS ARE IN METRES AND RELATE TO CHART DATUM UNLESS NOTED OTHERWISE.
- 2. TIDE LEVELS ARE AS FOLLOWS:
HAT = +5.9mCD
MHWS = +5.0mCD
MLWS = +0.8mCD
LAT = +0.1mCD
- 4. CHART DATUM IS 2.74m BELOW ORDNANCE DATUM.



DRAFT

Appendix G

Traffic Management Plan

Project:	Tarbert Ferry Terminal Development	To:	
Subject:	Traffic Management Plan	From:	Atkins
Date:	12 Mar 2018 - Update	cc:	

Introduction

Purpose of the Traffic Management Plan

This Traffic Management Plan (TMP) has been produced for Tarbert Harbour and sets out the procedure for managing all CalMac traffic within the harbour including but not limited to pedestrian traffic, all vehicular traffic and deliveries. It also takes account of interfaces with other terminal users.

To assist in understanding the TMP the terminal layout can be seen in drawing **Figure 1-1** in Appendix A. References within this TMP will refer to a location in that drawing.

General Terminal Information

Tarbert Harbour is located on the Isle of Harris in the Outer Hebrides. Tarbert is in the Comhairle nan Eilean Siar local authority area. The harbour is accessed via the Marshalling Access Road (A868), which is a two lane single carriageway road up to a roundabout junction at the entrance to the marshalling area (**A1**). At this point the road becomes one way for traffic travelling westbound.

There is a secondary access (**A2**) to the north east of the harbour which is used for access to the terminal building. The harbour is manned with a terminal building (**H**). There is a P&R car park (**F**) to the northeast of the harbour, which is owned by Comhairle nan Eilean Siar. It should be noted within the harbour there is no general parking; only a drop off facility and disabled parking.

Access to the Harbour

This section of the TMP details the terminal access arrangements.

Vehicular Access to the Marshalling Area

The A868 is accessed from the A859 via a priority junction. From this junction vehicles continue on the A868 until they reach a give way junction (**X**). Vehicles are then directed to turn right to continue on the A868 to reach the harbour.

Vehicular Access to Terminal Building and Car Parking

To access the terminal building and car parking traffic must turn left at junction (**X**) and travel along Main Street, which is one way eastbound until they reach a priority junction with Pier Road. At the junction vehicles turn right into Pier Road which is one way southbound and can either turn left to access the P&R car park (**F**), or continue to the harbour entrance (**A2**) and drop off / pick up point (**D**).

Pedestrian Access

Foot passengers can access the harbour from either (**A1**) or (**A2**) and use the footways to access the terminal building (**H**). Foot passengers can make any enquiries, purchase tickets and wait in the terminal building. Passengers arriving by bus alight at the bus stop (**E**) within the P&R car park.

Cyclist Access

Cyclists can access the harbour from either entrance but must use (**A2**) in the same manner as vehicles to access the terminal building (**H**).

Traffic Management Plan

Information

There is an electronic message board (I) on the A859 on approach to the junction with the A868, which is updated remotely as required. Up to date information is also provided via the Caledonian MacBrayne website.



Vehicle & Cycle Movements (Sailing)

The procedure from arrival through marshalling to boarding the ferry will vary depending on the mode of transport used to access the ferry. This section of the TMP details the procedures to be followed by port users.

Marshalling

Vehicle Marshalling

There are 12 marshalling lanes (B) to the west of the linkspan which are designated by surface markings and have available lane space for approximately 197 vehicles. Vehicles are directed into the correct marshalling lane via signage. The Check In-Kiosk is located approximately 40 metres from the access gate.

The kiosk is double-sided to allow for quick check-in. As the Check In kiosk is located away from the access gate, this gate can be opened early if there is excessive queueing along the Marshalling Access Road. Opening the gate early will allow approximately 10-12 vehicles into the marshalling area. Staff will actively monitor boarding level and queuing levels in advance of any sailings and adjust gate opening times accordingly. There are 4 further marshalling lanes ((B) to the east of the linkspan) which are normally used for vehicles travelling on standby. These are also designated by surface markings and have available lane space for approximately 11 vehicles. Vehicles travelling on standby will approach from the terminal building where they have to purchase their ticket.

Emergency Vehicles

Emergency vehicles require access to the terminal / ferry for a number of different reasons. If, out with an emergency situation, they are making the sailing to Uig they will be marshalled as per standard procedure.

Cycle Marshalling

Cyclists marshal at the entrance to the linkspan(C).

Boarding Traffic

Ferry Tickets

Tickets should be booked in advance for the ferry although they can be purchased in the terminal building (H)

if there is space left for the crossing. Vehicles that arrive at the harbour without a ticket will be directed by a member of staff to purchase a ticket in the terminal building and marshal in the standby lanes (B)

Cyclists

Traffic Management Plan

Cyclists board the ferry in advance of vehicular traffic being boarded. Any cyclists waiting in the marshalling area will be instructed by harbour staff when to move forward and advance onto the linkspan.

Note: Cyclists must dismount before boarding the ferry.

Vehicles

Vehicles are normally boarded after cyclists. The order in which vehicles are boarded is determined by the ferry crew and is dependent on the size and weight of vehicles to be embarked. If vehicles are unoccupied at the time of boarding ferry crew should instruct vehicles in the marshalling area to drive around the parked vehicle to board. Once on board vehicles will position as instructed by ferry crew.

Dangerous Good (DG) Vehicles

Products which are covered by the International Maritime Dangerous Goods (IMDG) code must be declared to the port of departure at least 24 hours in advance of travel.

Vehicles that are carrying goods covered by the IMDG code should wait in queue and be aware that they may be required to move in order to permit necessary segregation or access. Embarkation of such vehicles will take place as instructed by vessel crew.

Other (farm vehicles/livestock)

The procedure for boarding vehicles such as livestock vehicles and farm tractors etc. is as per the procedure for HGVs.

Disembarking Traffic

The order in which traffic is disembarked from the ferry is directed by the ferry crew. Vehicles exit the linkspan and continue until they reach a roundabout with the A868. Vehicles travel straight onto the A868 until they reach priority junction (X) from where they can proceed to the A859 for onward travel to Stornoway and Leverburgh or join Main Street to enter the town. Only once all traffic has been disembarked, can traffic waiting to board the ferry be instructed to board.

Foot Passenger Movements

Marshalling

Foot passengers marshal in the waiting area within the terminal building (H).

Boarding

Ferry Tickets

Tickets for sailings can be booked in advance or purchased from the terminal building. Foot passenger tickets are checked at the top of the gangway by ticketing staff during the boarding process.

Foot Passengers

Foot passengers exit the terminal building via the side access and walk onto the ferry via the gangway.

Disembarking

Foot passengers exit the ferry from the gangway and exit the pier either through the gate or by entering the terminal building (H) through the side access. Foot passengers can then exit the terminal building through the front access. Foot passengers who utilised the parking area (F) for 'P&R' return to their vehicle and those to be collected continue to the drop off / pick up point (D). Those using public transport can access the bus stance (E).

Traffic Management Plan

Traffic Movements (Non Sailing Vehicles)

Staff Traffic

Staff arriving at the harbour by car access the harbour via Main Street and Pier Road (A2). Staff car parking (J) is available to the north of the terminal building (H).

Park and Ride

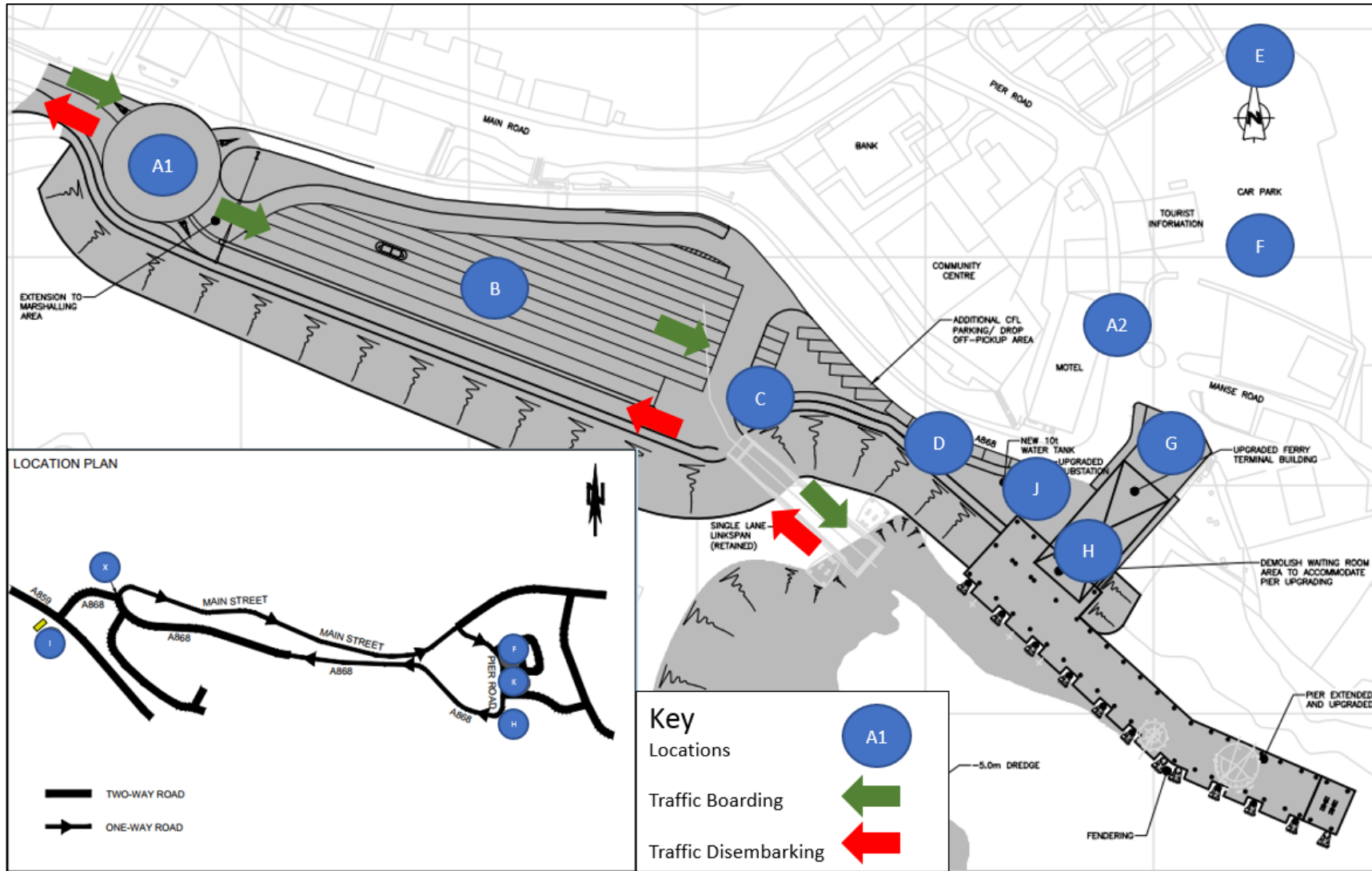
There is a P&R area (F) that provides 55 spaces for passengers leaving their vehicles at the terminal. The P&R area is lined.

Harbour Deliveries / Collections

Vehicles making deliveries to the harbour enter the harbour as per ferry staff. Deliveries are then unloaded / loaded from area (J) beside the terminal building. General waste is stored to the east of the staff parking area and is collected once a week or as required by the local authority. Special waste collections are carried out at Uig.

Traffic Management Plan

Figure 1-1 Traffic Management Plan Layout



Appendix H

OBJECTID	code	HHcount	Popcount	council	NAME	AREA_DESC	GSS_CODE	Direction
46261	S00135264	36	67	S12000013	Eilean Siar	Unitary Authority	S12000013	West
46262	S00135110	63	137	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46263	S00135231	96	234	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46265	S00135096	42	75	S12000013	Eilean Siar	Unitary Authority	S12000013	South
46266	S00135252	66	161	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46267	S00135092	57	111	S12000013	Eilean Siar	Unitary Authority	S12000013	East
46268	S00135162	74	185	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46269	S00135146	66	176	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46270	S00135174	64	165	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46271	S00135195	47	95	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46272	S00135177	45	69	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46274	S00135095	34	59	S12000013	Eilean Siar	Unitary Authority	S12000013	South
46275	S00135249	44	110	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46276	S00135137	62	142	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46277	S00135135	47	94	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46278	S00135237	63	137	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46279	S00135269	48	105	S12000013	Eilean Siar	Unitary Authority	S12000013	East
46282	S00135275	31	71	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46283	S00135163	41	82	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46285	S00135134	36	74	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46286	S00135241	53	102	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46287	S00135246	60	131	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46288	S00135141	63	127	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46289	S00135131	48	106	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46290	S00135283	38	98	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46292	S00135277	73	153	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46293	S00135101	56	103	S12000013	Eilean Siar	Unitary Authority	S12000013	East
46294	S00135305	43	98	S12000013	Eilean Siar	Unitary Authority	S12000013	South
46295	S00135145	51	123	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46296	S00135129	40	81	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46297	S00135251	46	96	S12000013	Eilean Siar	Unitary Authority	S12000013	North
46301	S00135272	38	90	S12000013	Eilean Siar	Unitary Authority	S12000013	East

46302 S00135232	49	107 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46303 S00135229	51	121 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46304 S00135126	53	125 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46305 S00135136	46	94 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46306 S00135236	67	134 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46309 S00135182	70	111 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46311 S00135218	72	173 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46312 S00135140	56	127 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46313 S00135223	73	167 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46314 S00135151	70	164 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46316 S00135183	57	88 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46317 S00135204	71	147 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46318 S00135190	39	53 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46320 S00135118	57	124 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46321 S00135222	42	106 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46326 S00135142	28	72 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46328 S00135278	23	56 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46329 S00135233	54	115 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46331 S00135175	33	78 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46332 S00135172	58	149 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46333 S00135228	49	143 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46334 S00135290	65	149 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46337 S00135185	56	91 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46338 S00135285	24	67 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46339 S00135116	41	76 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46341 S00135295	24	59 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46342 S00135197	33	74 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46344 S00135147	38	96 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46345 S00135225	22	63 S12000013	Eilean Siar	Unitary Authority	S12000013	North

46347 S00135270	33	71 S12000013	Eilean Siar	Unitary Authority	S12000013	East
46348 S00135208	39	71 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46349 S00135139	43	82 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46350 S00135106	39	69 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46124 S00135238	66	152 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46125 S00135150	77	208 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46130 S00135117	59	111 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46133 S00135250	56	141 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46136 S00135167	66	164 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46152 S00135294	55	101 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46155 S00135122	48	94 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46156 S00135165	51	110 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46157 S00135259	46	100 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46160 S00135188	57	128 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46162 S00135094	34	72 S12000013	Eilean Siar	Unitary Authority	S12000013	South
46163 S00135169	49	111 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46164 S00135194	53	139 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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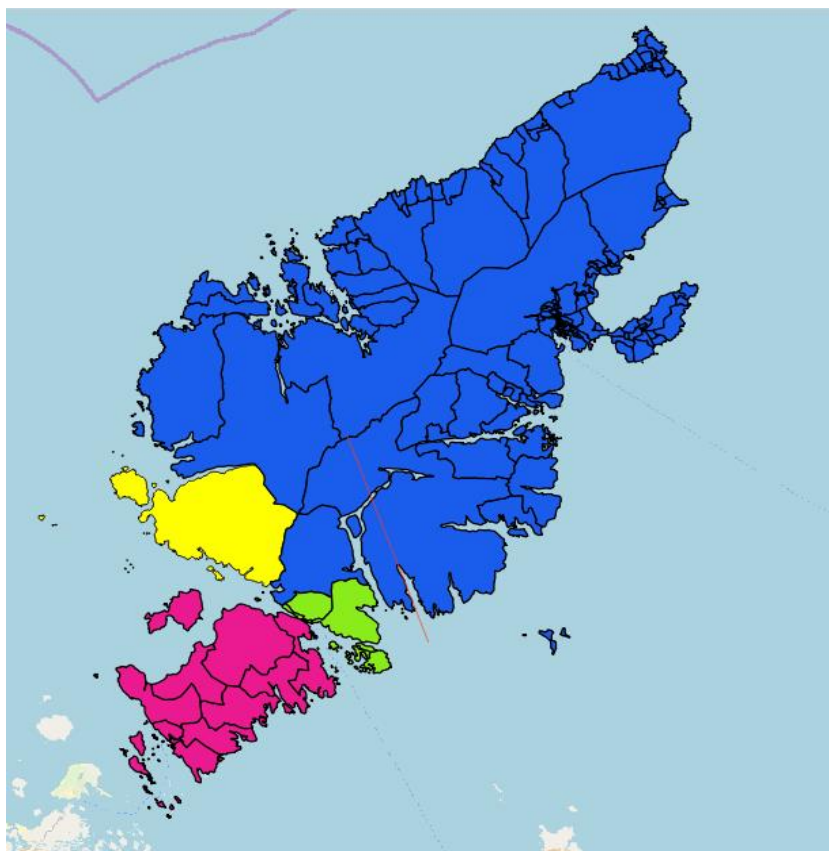
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46168 S00135202	44	113 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46169 S00135133	35	77 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46170 S00135128	54	125 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46171 S00135240	45	104 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46172 S00135271	56	122 S12000013	Eilean Siar	Unitary Authority	S12000013	East
46173 S00135173	68	177 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46174 S00135100	77	181 S12000013	Eilean Siar	Unitary Authority	S12000013	South
46175 S00135170	46	109 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46176 S00135130	53	139 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46177 S00135097	29	62 S12000013	Eilean Siar	Unitary Authority	S12000013	South
46178 S00135292	44	119 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46179 S00135098	37	85 S12000013	Eilean Siar	Unitary Authority	S12000013	South
46180 S00135104	42	91 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46181 S00135196	47	92 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46183 S00135247	41	97 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46186 S00135138	52	109 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46187 S00135176	46	109 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46188 S00135123	70	152 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46191 S00135210	57	151 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46192 S00135143	84	187 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46195 S00135114	71	159 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46199 S00135166	35	97 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46200 S00135187	73	122 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46201 S00135273	69	147 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46202 S00135300	72	178 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46203 S00135109	58	141 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46204 S00135215	53	96 S12000013	Eilean Siar	Unitary Authority	S12000013	North

46205 S00135198	30	64 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46206 S00135289	74	181 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46207 S00135113	48	110 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44152 S00135282	32	53 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46208 S00135254	30	70 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44153 S00135296	45	105 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46209 S00135148	50	117 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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44155 S00135091	57	115 S12000013	Eilean Siar	Unitary Authority	S12000013	East
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46212 S00135284	64	154 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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44159 S00135280	53	118 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46215 S00135220	57	116 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46217 S00135211	51	122 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46218 S00135103	60	140 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46219 S00135243	39	93 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44164 S00135286	81	206 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46220 S00135206	35	56 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46221 S00135299	32	57 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44166 S00135115	41	93 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44167 S00135193	63	134 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46223 S00135234	56	140 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44168 S00135244	48	91 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46224 S00135262	53	116 S12000013	Eilean Siar	Unitary Authority	S12000013	South
44169 S00135191	27	52 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46225 S00135099	44	101 S12000013	Eilean Siar	Unitary Authority	S12000013	South
44170 S00135184	49	79 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46226 S00135242	36	76 S12000013	Eilean Siar	Unitary Authority	S12000013	North
44171 S00135293	33	67 S12000013	Eilean Siar	Unitary Authority	S12000013	North

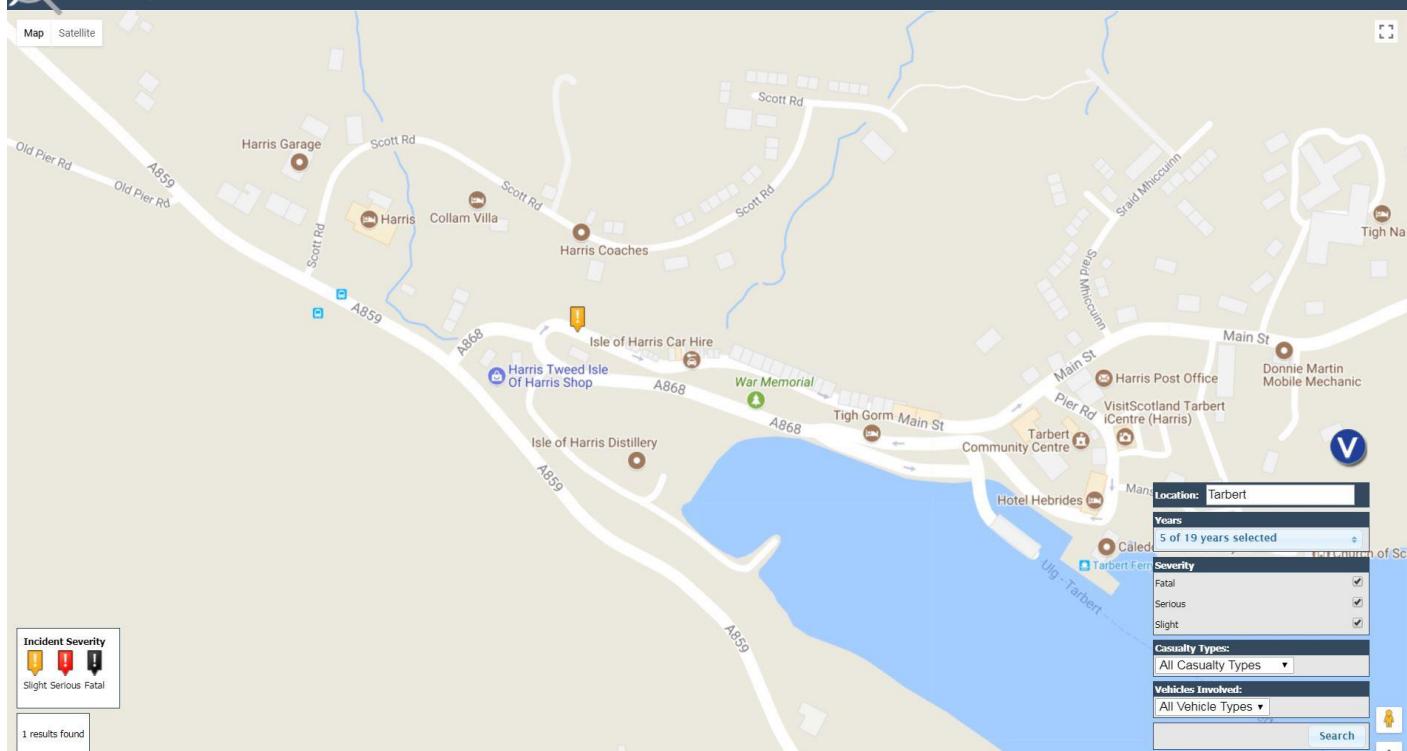
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46228 S00135209	52	101 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46229 S00135230	32	54 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46230 S00135227	61	168 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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44176 S00135221	41	97 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46232 S00135213	40	55 S12000013	Eilean Siar	Unitary Authority	S12000013	North
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46233 S00135205	43	76 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46234 S00135219	61	137 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46236 S00135199	54	139 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46239 S00135207	43	86 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46240 S00135125	49	109 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46242 S00135226	99	256 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46243 S00135132	71	154 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46244 S00135253	25	67 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46245 S00135224	60	138 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46246 S00135164	71	170 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46247 S00135119	38	66 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46249 S00135168	58	124 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46251 S00135127	56	138 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46252 S00135245	35	70 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46253 S00135256	54	86 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46254 S00135105	25	50 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46255 S00135107	46	89 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46256 S00135217	59	111 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46257 S00135120	60	124 S12000013	Eilean Siar	Unitary Authority	S12000013	North
46260 S00135149	45	132 S12000013	Eilean Siar	Unitary Authority	S12000013	North

	Pop Count	% of Total
North	19760	92%
South	936	4%
East	811	4%
West	67	0%

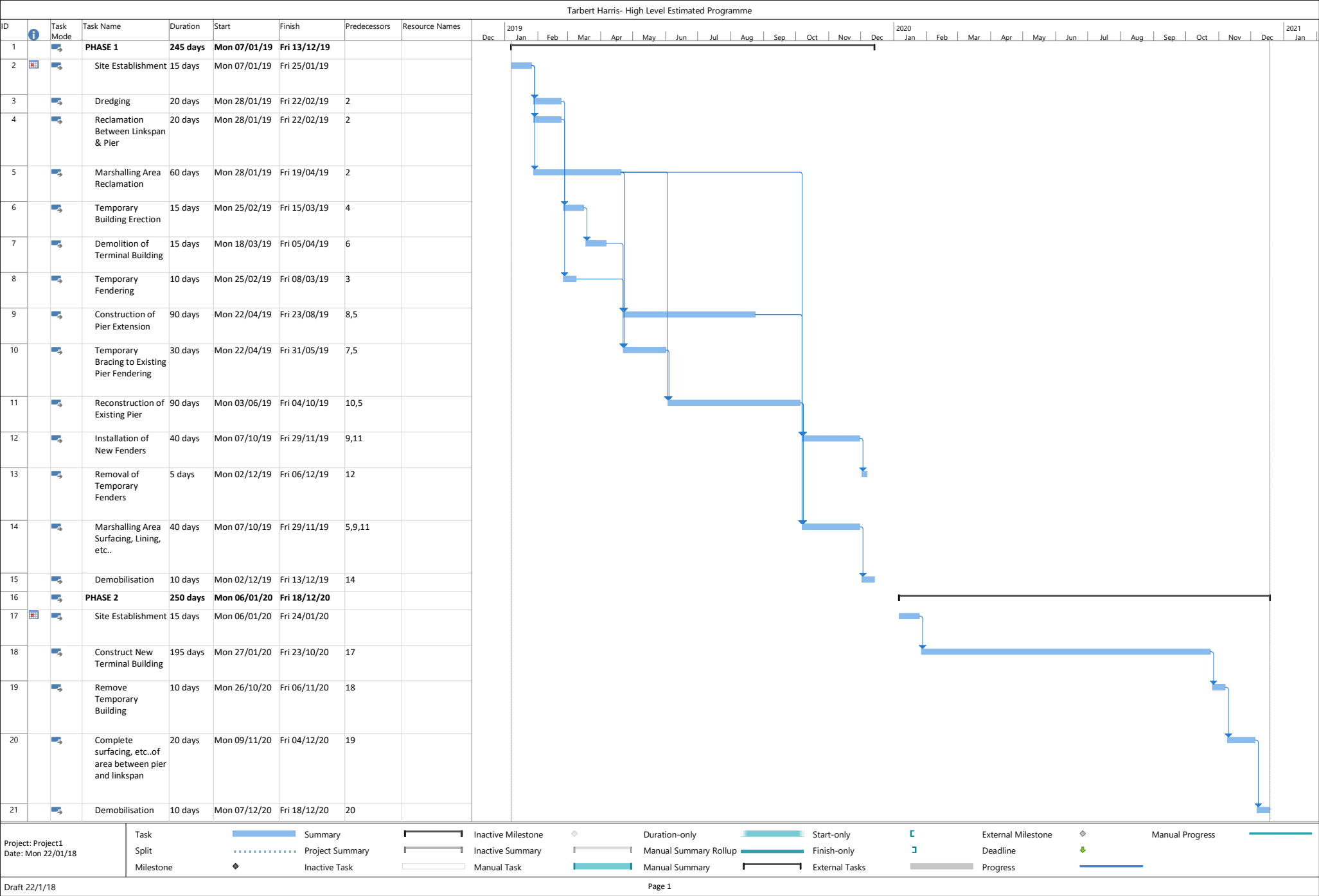
Total Population
21574



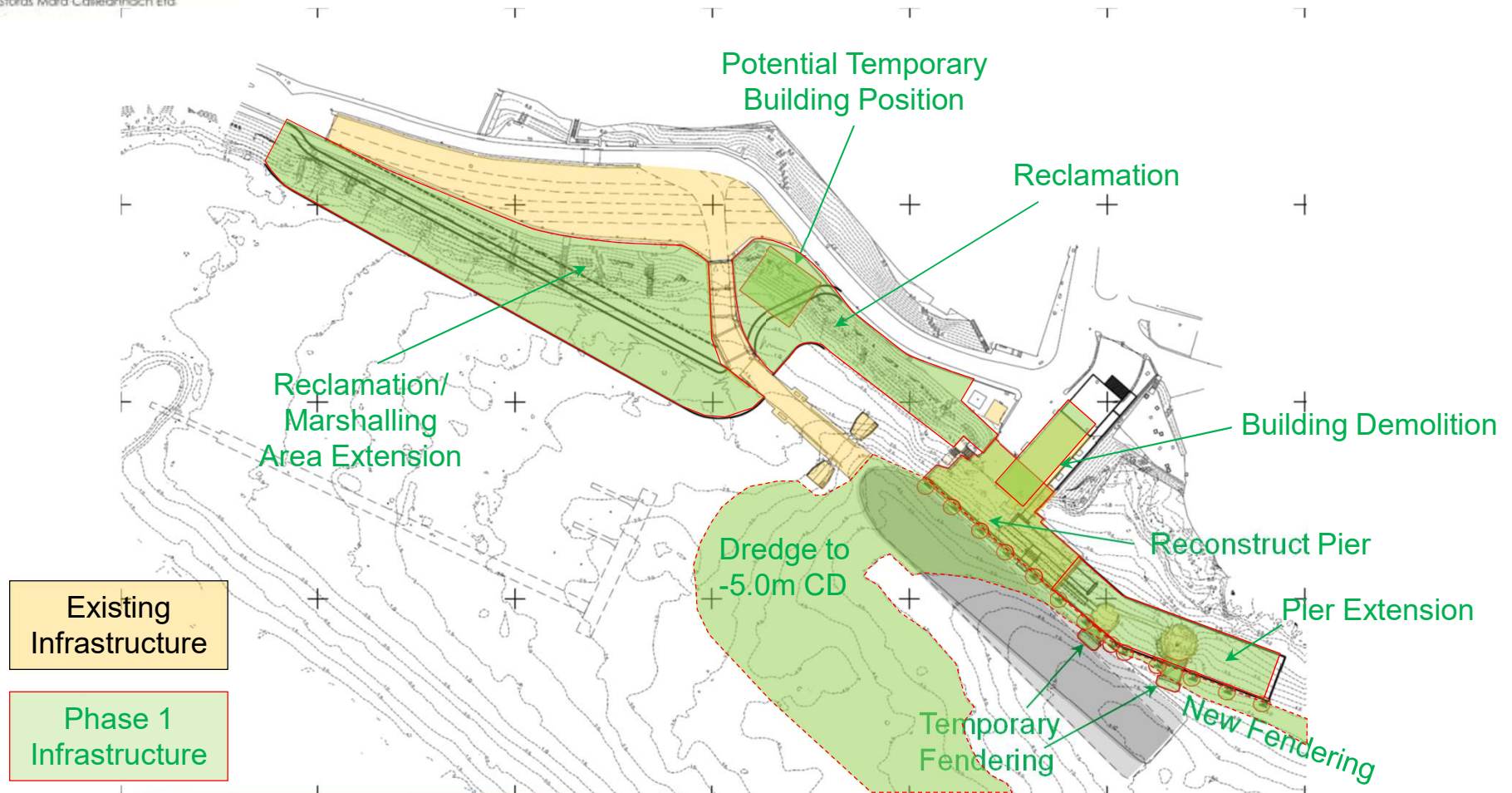
Appendix I



Appendix J



Proposed Infrastructure Works



Proposed Infrastructure Works

