LOCALPLAN helpingshapethedistrict



Gypsy and Traveller Stratford Road Preferred Options Site Response Form 2014

For Official Use Only
Ref:

Please use this form if you wish to comment on the Stratford Road Gypsy and Traveller Preferred Options Site.

This form may be photocopied or, alternatively, extra forms can be obtained from the Council's offices or places where the consultation documents have been made available (see back page). You can also respond online using the LDF Consultation System, visit: www.warwickdc.gov.uk/newlocalplan or by letter (address on back page)

Part A - Personal Details

Title

First Name

Last Name

Address Line 1

Address Line 2

Address Line 3

Address Line 4

Telephone number

About You: Gender

Email address

Postcode

Job Title (where relevant)

Organisation (where relevant)

1. Personal Details 2. Agent's Details (if applicable) HR PAUL SANT GENERAL MANAGER FLP UK LTO LONGBRIDGE MANOR LUNGBRIDGE WARMICK CV34 GRB Would you like to be made aware of future consultations on Gypsy Traveller sites? Yes No

Where did you hear about this consultation e.g. radio, newspaper, word of mouth, drop-in sessions.

MXLE

WURD OF MOUTH

Ethnic Origin

Age

Part B - Commenting on the Stratford Road Gypsy and Traveller Preferred Site

The policy in the Draft Local Plan will list the criteria by which Gypsy and Traveller sites will be judged for suitability and sustainability. These are the criteria:

- a) the site is within reasonable distance of schools, GP surgeries, dentists, hospitals, shops and community facilities;
- b) the site has good access to the major road network;
- c) the site is of a suitable size to accommodate between 5 and 15 pitches for permanent sites or 12 pitches for transit sites;
- d) it can be demonstrated that infrastructure requirements can be adequately met;
- e) there is potential for the site to be adequately screened.

What is	tha	natura	Λf.	WOLLE.	ranra	sentation?
vvnatis	nе	nature	OI.	vour	repres	sentation?

Support

Object

Comment -

Please set out full details of your objection or representation of support with reference to the criteria above.

SEE ATTACHED DOCUMENTATION

For Official Use Onl	y
----------------------	---

Continued							1	
Do you have a Traveller site, b details below:	ny other suggestions earing in mind the cri	for land within teria for site id	this district	that you think? If so, please	would be s	suitable for u cation and th	se as a Gyp e land own	sy and er's
FORO	FOUNDRY	SITE	CAR	PARIC	, Le	AMIJC	το∼	

TRAVIS PERKINS OLD SITE, LEAMINGTON

Rep. Ref.

For Official Use Only

Ref:

Guidance on Making Representations

- Please use this response form as it will help the Council to keep accurate and consistent records of all the comments, alternatively complete online at www.warwickdc.gov.uk/newlocalplan
- You may withdraw your objection at any time by writing to Warwick District Council, address below
- It is important that you include your name and address as anonymous forms cannot be accepted. If your address details change, please inform us in writing
- All forms should be received by 4.45pm on Friday 12 December 2014
- Copies of all the objections and supporting representations will be made available for others to see at the Council's offices at Riverside House and online via the Council's e-consultation system. Please note that all comments are in the public domain and the Council cannot accept confidential objections. The information will be held on a database and used to assist with the preparation of the new plan for Gypsy and Traveller sites and with consideration of planning applications in accordance with the Data Protection Act 1998
- To return this form, please drop off at one of the locations below, or post to: **Development Policy Manager, Development Services, Warwick District Council, Riverside House, Milverton Hill, Leamington Spa, CV32 5QH** or email: **newlocalplan@warwickdc.gov.uk**

Where to see copies of the Stratford Road Gypsy and Traveller Preferred Options Site Copies are available for inspection on the Council's web site at www.warwickdc.gov.uk/newlocalplan and at the following locations:

Location	Opening Times	
Warwick District Council Offices Riverside House, Milverton Hill, Royal Learnington Spa	Mon - Thurs Fri	8.45am - 5.15pm 8.45am - 4.45pm
Leamington Town Hall Parade, Royal Leamington Spa	Mon - Thurs	8.45am - 5.15pm 8.45am - 4.45pm
Warwickshire Direct Whitnash Whitnash Library, Franklin Road, Whitnash	Mon – Tues Wed Thurs Fri Sat	10.30am - 5.00pm 1.30pm - 5.00pm Closed 10.30am - 4.00pm 10.30am - 1.30pm
Leamington Spa Library The Pump Rooms, Parade, Royal Leamington Spa	Mon – Weds Thurs Fri Sat Sun	9.30am - 6.00pm 10.00am - 7.00pm 9.30am - 6.00pm 9.30am - 4.30pm 12.00pm - 4.00pm
Warwickshire Direct Warwick Shire Hall, Market Square, Warwick	Mon - Thurs Fri Sat	8.00am - 5.30pm 8.00am - 5.00pm 9.00am - 4.00pm
Warwickshire Direct Kenilworth Kenilworth Library, Smalley Place, Kenilworth	Mon – Tues Wed Thurs – Fri Sat	9.00am - 5.30pm 10.30am - 5.30pm 9.00am - 5.30pm 9.00am - 1.00pm
Warwickshire Direct Lillington Lillington Library, Valley Road, Royal Leamington Spa	Mon Tues and Fri Weds Thurs Sat	9.30am - 12.30pm & 1.30pm - 6.00pm 9.30am - 12.30pm & 1.30pm - 5.30pm Closed 9.30am - 12.30pm & 1.30pm - 7.00pm 9.30am - 12.30pm
Brunswick Healthy Living Centre 98-100 Shrubland Street, Royal Leamington Spa	Mon – Fri	9.00am - 5.00pm

Where possible, information can be made available in other formats, including large print, CD and other languages if required. To obtain one of these alternatives, please contact 01926 410410.

Forever Living Products (UK) Ltd.

Longbridge Manor,

Warwick.

Objections to the Gypsy and Traveller Stratford Road Preferred Options Site.

Report Written by

Mr. Garry Plant (Property Consultant)

GFP Consultants Ltd

Mobile: 07767 366118



List of Contents

Sections

1	Introduction	1
2	Objections	2
3	Conclusion	7

Appendices

Appendix A: Traffic Assessement Report

Appendix B: Noise Assessment Report

Appendix C: Severn Trent Water Letter



Introduction

- As the owners of Longbridge Manor we would like to formally register our opposition to the Gypsy and Traveller Preferred options site on the Stratford Road in Warwick which is currently under consideration by Warwick District Council.
- We would also like to comment on the various issues raised by this proposal and some of the reports presented by Warwick District Council in relation to it.



Objections & Comments

Heritage Setting

Longbridge Manor is a Grade II* Listed property and is considered to be one of the
finest heritage properties in the county. The proposed Gypsy and Traveller site with
access off the lane which leads to the main entrance to Longbridge Manor could
have a major impact on access to the front of the historic building, grounds and its
heritage setting.

Access

- The access to the proposed site is via a dangerous bend off the Stratford Road onto the lane and then down a rather poor and narrow farm track which we along with the local residents feel is totally unsuitable. This could result in major traffic delays with queuing traffic back to the M40 / A46 island and access issues for visitors to Longbridge Manor. Any such delays could have a dramatic effect on the commercial business which has in the region of 500 visitors and 500 training delegates attending the site each week.
- The main entrance to Longbridge Manor via the lane is also used by our own
 delivery vehicle twice daily in order to replenish the stock in the on site Product
 Centre used to supply our customers as well as by national delivery firms.
- The intensification of use of the junction with the Stratford Road and lane could result in an additional 100+ vehicle movements per day which is a particular highway safety concern and especially as the lane is also a National Cycle route.
- As a result of our concerns over access to the site off the Stratford Road and also the unsuitability of the farm track we have commissioned our own independent Traffic Assessment by Mayer Brown and a copy of their report is attached to this document (See Appendix A).

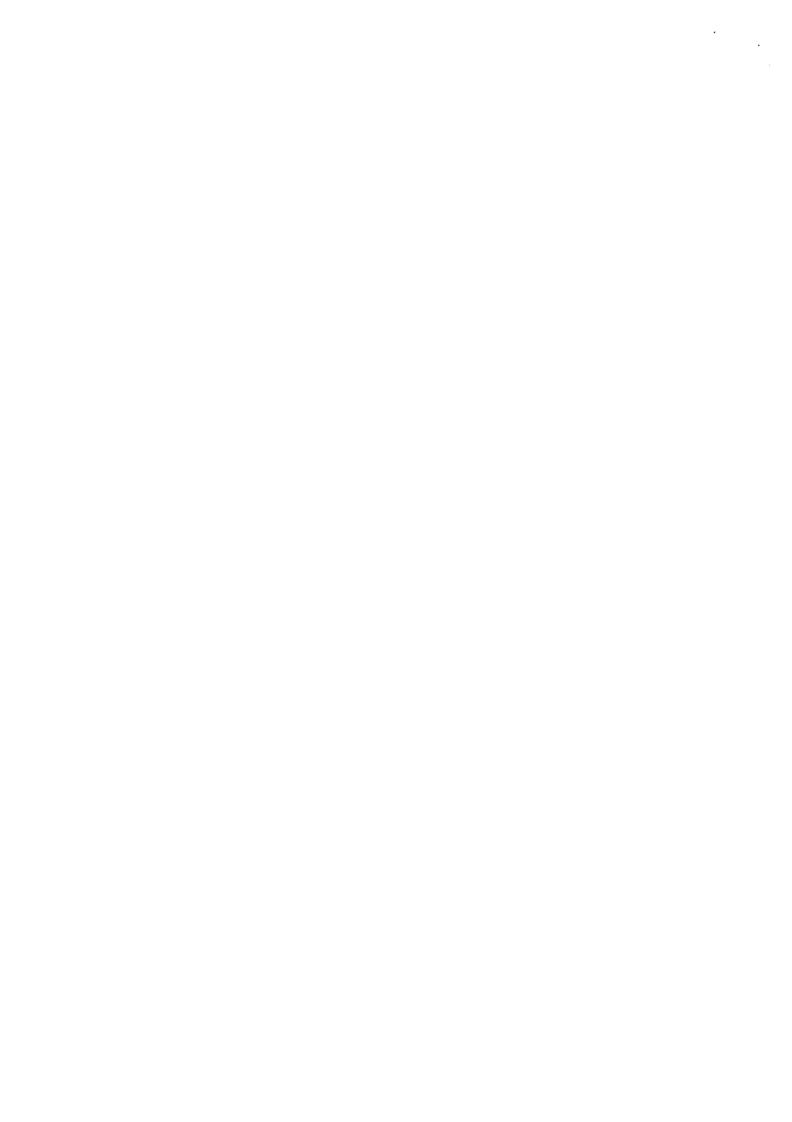


Noise

• We also have concerns over the suitability of the proposed site in terms of the noise levels in that area as result of its proximity to the M40 as well as to the scope and timing of your own noise assessment which was carried out for a short period during the school holidays. As a result of these concerns we have also commissioned our independent review of your noise assessment report and its findings (See Appendix B).

Flood Risk

- The Environment Agency Flood Zone Plan identifies that the vast majority of the consultation site falls within Flood Zone 3, seemingly as a result of Old House / Horse Brook. The published Technical Note considers a large area of land extending far beyond the boundary of the consultation site. Detailed hydrological modelling is used to assess flood risk presented by the River Avon, particularly upon land to the north; however, the report notes that the current flood modelling of the southern part of the site around Old House/Horse Brook is based on historic data that does not account for several more recent interventions (including the construction of the elevated section of the M40 motorway) and that it is reasonable to assume the existing model is not accurate. The Technical Note identifies that further modelling of this area is required.
- The report also states that there may be potential for flood alleviation works to be undertaken to manage flooding in the area in order to release land more appropriate for development and identifies possible schemes on adjoining land. Until further assessment is undertaken, the scale or ability of such a scheme to appropriately address flood risk is not known. The cost of such measures is accordingly also unknown at this stage but, based on those identified, will clearly be of significant value. This is contrary to that reported in the October 2014 consultation document (Table 1, item 6), which states that "the report shows that the threat is from the brook which does not flood, but that there is mitigation available which will eradicate the threat completely". It is also noted that various other option sites have been dismissed on the basis of being in Flood Zone 3, without any account taken of possible alleviation measures.



Ecology

 We also have concerns over the effect of the ecology in the area as with a site proposal of 15 pitches the amount of hard standing required will be considerable and will result in disturbance to the wildlife including bats, grass snakes and badgers.

Land Owners

It should also be noted that one of the land owners mentioned in the report, Severn
Trent Water has now expressed their concerns to Warwick District Council over
the proposed Gypsy and Traveller site which was not mentioned to them in their
previous discussions regarding the land (See Appendix C).



Conclusion

- We feel that this preferred site on the Stratford Road does not allow for safe access
 off the Stratford Road due to inadequate visibility and the farm track is a very poor
 and narrow access road.
- The site is unsuitable in respect of noise and its suitability in respect of flooding remains unknown and likely to be subject to costly alleviation measures. Both of these issues appear to have been mis-reported in the consultation document and as such provide for a completely misleading representation of the site's worthiness.
- As this preferred site is meant to be at no cost to the taxpayer with a Gypsy and
 Traveller family purchasing the land and paying for the installation of services
 themselves it is surely not a viable proposition when you take into account the
 costs of all the mitigation works that would be required.
- Based on the objections and comments detailed within this report and with the supporting documentation from our independent consultants in terms of Traffic Assessments and Noise Assessments we feel it is clear that this proposed site should be discounted.

Report Commissioned by:

Forever Living Products (UK) Ltd.

Longbridge Manor,

Warwick.



LAND EAST OF STRATFORD ROAD LONGBRIDGE, WARWICK

ACCESS APPRAISAL

NOVEMBER 2014



LAND EAST OF STRATFORD ROAD LONGBRIDGE, WARWICK

ACCESS APPRAISAL

NOVEMBER 2014

÷.

Project Code: X/GPLongbridge.1

Prepared by: SE
Approved by: PZ

Issue Date: November 2014

Status: Final

Land East of Stratford Road Longbridge, Warwick

Access Appraisal

List of Contents

Sections

1	Introduction	1
2	Appraisal	2
3	Conclusion	5

Plans & Appendices

Plan 1: Visibility at Junction with Stratford Road

Appendix A: Speed Survey Results



Land East of Stratford Road Longbridge, Warwick Access Appraisal



Introduction

- 1.1 This Access Appraisal has been prepared in respect of consultation proposals for a gypsy and traveller site at land east of Stratford Road.
- 1.2 This report considers the suitability of the proposed means of access to the site from Stratford Road via the former Wellesbourne Road and a private access track.



2 Appraisal

Consultation Proposals

2.1 The consultation proposals are for a 2ha gypsy and traveller site to accommodate 15 pitches for use as permanent residences. It is understood that access to the site is proposed to be provided from Stratford Road via the existing private track serving Longbridge Farm, which adjoins the former Wellesbourne Road to the rear of Longbridge Manor.

Junction with Stratford Road

- 2.2 The former Wellesbourne Road adjoins A429 Stratford Road via a simple priority arrangement. As shown by Plan 1, there is good visibility to the right (north) but visibility to the left (south) is limited to 2.4m x 128m by the boundary wall to Longbridge Manor. For drivers of vehicles turning right into the former Wellesbourne Road, visibility along Stratford Road is limited by low-level vegetation growth and mature trees along the highway verge. The low-level growth is a highways maintenance issue that can be easily addressed but the mature trees are permanent features; Plan 1 shows that such trees limit the visibility afforded to the driver of a vehicle waiting to turn right at the junction to 135m.
- 2.3 A week-long speed survey has been undertaken, from Monday 17th to Sunday 23rd November inclusive, using an Automatic Traffic Counter positioned across Stratford Road approximately 140m north of the junction. As shown by the output provided in Appendix A, the survey recorded 85th percentile free-flow speeds of 72kph in the southbound direction approaching the junction. In accordance with *Design Manual for Roads and Bridges*, the appropriate design speed for the road is accordingly 85kph, requiring a Stopping Sight Distance of 160m.
- 2.4 On the basis of the above, it is apparent that the junction is deficient in respect of visibility afforded to vehicles turning right to the minor arm, with visibility afforded to vehicles exiting the minor arm possibly also deficient. Any significant intensification of use of the junction accordingly presents a highway safety concern, particularly any intensification of slow-moving (e.g. towing) vehicles.
- 2.5 15 standard residential dwellings would normally be expected to generate almost 100 traffic movements per day; if pitches are additionally able to accommodate temporary accommodation for visitors of permanent residents then this figure would be expected to be greater.





Former Wellesbourne Road

- 2.6 The private access track serving Longbridge Farm that would provide access to the site is located approximately 60m along the former Wellesbourne Road from its junction with Stratford Road.
- 2.7 On-street parking regularly occurs along the road, limiting the passage of vehicles travelling along the road in opposite directions and reducing the carriageway width available for turning in and out of the private access track.
- 2.8 The private access track adjoins the road via a simple dropped-kerb arrangement with limited turning space, the minor arm having a carriageway width of only 3.5m and no radii being provided. There is very limited opportunity to improve the junction without impacting upon mature trees along the highway boundary to either side of the track.
- 2.9 On the basis of the above, it is considered that the former Wellesbourne Road and junction with the private access track are unsuitable to accommodate any substantial intensification of use resulting in increased likelihood of vehicles having difficulty passing each other or increased numbers/sizes of large/towing vehicles.

Private Access Track

- 2.10 The private access serving Longbridge Farm comprises an unsurfaced track measuring approximately 3.5m in width, which currently serves just the Farm and The Barn House.
- 2.11 The track is currently only very lightly trafficked but even so frequently becomes potholed, requiring regular infilling of holes; this provides for a minimum level of service for the two properties served. It is estimated that the consultation proposals would result in at least a ten-fold increase in traffic, including heavy/towing vehicles; it is considered that the construction of the track is insufficient to accommodate this level of increase.
- 2.12 An approximate 400m-long section of the track is required to access the site, along which the narrow 3.5m width is maintained. A 3.5m carriageway width is insufficient for two vehicles to pass, *Manual for Streets* identifying a 4.1m width to accommodate two passing cars and a 4.8m width to accommodate a passing car and large vehicle. There is no available verge for passing vehicles to pull onto and very limited opportunity for widening the track due to the presence of a bank and trees alongside it.
- 2.13 The length and horizontal alignment of the track means that it is impossible to see from one end to the other, such that there is a likelihood of vehicles meeting along it. In this eventuality, vehicles are required to reverse back along the track; this would present a particularly difficult manoeuvre for a towing vehicle.





- 2.14 The full required 400m length of the track is unlit and this, combined with its poor surface condition, makes it unattractive to pedestrians or cyclists, severely limiting the practical accessibility of the site by non-car travel modes.
- 2.15 On the basis of the above, it is considered that the private access track proposed to serve the site is unsuitable to accommodate any significant increase in traffic over its existing use, whilst it also provides for a poor level of accessibility by non-car travel modes.

Refuse Collection

- 2.16 The length and condition of the private access track is such that Longbridge Farm and The Barn House do not benefit from direct refuse collection; instead, refuse needs to be taken along the full length of the track to a collection point along the former Wellesbourne Road.
- 2.17 As set out in *Manual for Streets*, Part H of the Building Regulations specifies that for all new development: residents should not be required to carry waste more than 30m to the collection point; waste collection vehicles should be able to get to within 25m of the collection point; and the collection point should be reasonably accessible for vehicles used by the waste collection authority. The consultation proposals clearly fall a long way short of these criteria, meaning that adequate refuse collection is unable to be provided.





3 Conclusion

- 3.1 As set out in Section 2, the consultation proposals suffer from numerous access deficiencies, namely:
 - Inadequate visibility at the junction with Stratford Road, such that the forecast
 intensification of use of the junction (100+ additional vehicle movements per day)
 presents a highway safety concern, with the likely increase in slow-moving (e.g.
 towing) vehicles presenting a particular concern;
 - On-street parking along the former Wellesbourne Road and the small size of the junction with the private access track serving Longbridge Farm, such that space for turning and passing vehicles is extremely limited;
 - The poor standard of the private access track in respect of its construction and width, which, combined with its length and alignment, means that vehicles will likely be required to reverse back along the track, presenting a particularly difficult manoeuvre for a towing vehicle;
 - The unattractiveness of the private access track to pedestrians or cyclists, severely limiting the practical accessibility of the site by non-car travel modes;
 and
 - The inability to for adequate refuse collection to be provided.
- 3.2 It is concluded that the consultation proposals will not provide for an adequate level of access and that the proposals should accordingly be discounted.

Plan 1: Visibility at Junction with Stratford Road

2.4m × 128m Visibility Splay 135m Forward Visibility Splay X/GPL FLP (UK)

Appendix A: Speed Survey Results



MetroCount Traffic Executive Mayer Brown

CustomList-5 -- English (ENG)

Datasets:

Site: [00000001] Stratford rd

Direction: 1 - North bound, A hit first. Lane: 0

Survey Duration: 16:42 16 November 2014 => 17:48 25 November 2014

Zone:

File: 0000000125Nov2014.EC0 (Plus)

Identifier: W497QW05 MC56-L5 [MC55] (c)Microcom 19Oct04

Algorithm: Factory default (v3.21 - 15275)

Data type: Axle sensors - Paired (Class/Speed/Count)

Profile:

Filter time: 00:00 17 November 2014 => 00:00 24 November 2014

Included classes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Speed range: 5 - 200 km/h. **Direction:** South (bound)

Separation: Greater than 6.00 seconds. - (Headway)

Name: Default Profile

Scheme: Vehicle classification (DfT-UK)

Units: Metric (meter, kilometer, m/s, km/h, kg, tonne)

Column Legend:

0 [Time] 24-hour time (0000 - 2359) 1 [Total] Number in time step

2 [CIs] Class totals
3 [Mean] Average speed
4 [Vpp] Percentile speed

* 17 Nov	ember 20	14													
Time	Total	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp 85
		1	2	3	4	5	6	7	8 0	9	10 0	11 0	12 0	65.1	70.6
0000	11	0	0	6	5	0	0	0	0	0	0	ő	0	64.3	-
0100	5	0	0	4 2	0 2	1 0	0	0	0	Ö	ő	0	1	65.7	_
0200	5	0	0	3	5	0	0	0	Ö	ŏ	0	Ö	0	63.4	_
0300	8	0 0	0	<i>5</i>	4	2	ő	Ő	ŏ	Ö	Ö	Ō	1	63.3	68.4
0400	13	0	0	32	12	Õ	1	ő	ő	Ö	0	1	0	70.1	78.8
0500 0600	46 135	1	0	81	42	2	î	2	Ö	ō	0	0	6	64.6	71.3
0700	178	0	0	117	55	2	1	0	0	0	0	0	3	65.9	73.4
0800	178	ő	1	102	65	5	0	0	1	0	0	0	4	65.4	72.0
0900	155	o o	Õ	99	48	6	1	0	0	0	0	0	1	64.1	71.6
1000	151	Ö	1	83	58	5	0	0	1	0	2	0	1	63.0	69.8
1100	143	0	0	77	59	3	2	0	0	0	0	0	2	61.8	68.0
1200	167	0	1	92	60	4	1	0	1	0	1	0	7	61.9	69.5
1300	149	0	1	86	50	5	0	0	0	0	1	0	6	61.8	69.8
1400	171	0	0	105	51	7	1	0	0	0	1	0	6	61.5	68.4
1500	201	0	0	126	62	6	2	0	0	0	0	0	5	62.0	69.1
1600	207	0	1	130	67	1	1	0	1	0	0	1	5	61.2	70.2
1700	182	0	0	123	51	1	0	0	1	0	1	1	4	59.8	68.4
1800	170	0	0	119	44	2	1	0	0	0	0	0	4	62.5	70.6
1900	125	0	0	93	29	2	0	0	0	0	0	0	1	64.9 66.1	73.1 74.5
2000	92	0	0	64	26	0	0	0	0	0	0	0 0	2 2	67.2	74.9
2100	99	0	0	70	27	0	0	0	0	0	0 0	0	1	65.7	73.8
2200	67	0	0	47	19	0	0	0 0	0 0	0	0	0	1	61.0	69.5
2300	14	0	0	10	1	1	1	ŏ	5	Ŏ	6	2	48	62.6	70.6
07-19	2052	0	5	1259	670	47	10	2	5 5	0	6	2	59	63.1	71.3
06-22	2503	1	5	1567	794	51	11			0	6	2	61	63.2	71.3
06-00 00-00	2584 2672	1 1	5 5	1624 1677	814 842	52 55	12 13	2 2	5 5	0	6	3	63	63.3	71.3
* 18 Nov	vember 20 Total	014 Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Cls 11	Cls 12	Mean	V pp 85
		Cls					0	7	8	9	10	11	12	63.4	
Time	11 8	Cls 1	2 0 0	3 7 5	4 3 3	5 1 0	0 0	7 0 0	8 0 0	9 0 0	10 0 0	0 0	0 0	63.4 69.9	85
0000	Total	0 0 0 0	0 0 0	3 7 5 5	3 3 1	1 0 0	0 0 0	7 0 0 0	0 0 0	9 0 0 0	0 0 0	0 0 0 0	0 0 1	63.4 69.9 67.7	85 69.1 - -
0000 0100	11 8 7 5	0 0 0 0 0	0 0 0 0	7 5 5 3	3 3 1 2	5 1 0 0 0	0 0 0 0	7 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 1 0	63.4 69.9 67.7 64.7	85 69.1 - -
0000 0100 0200 0300 0400	11 8 7 5 21	0 0 0 0 0 0	0 0 0 0 0	7 5 5 3 13	3 3 1 2 6	5 1 0 0 0 1	0 0 0 0 0	7 0 0 0 0	0 0 0 0 0	9 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 1 0	63.4 69.9 67.7 64.7	85 69.1 - - 75.2
0000 0100 0200 0300 0400 0500	11 8 7 5 21 46	0 0 0 0 0 0 0	0 0 0 0 0 0	3 7 5 5 3 13 28	3 3 1 2 6 13	5 1 0 0 0 1 2	0 0 0 0 0 1 1	7 0 0 0 0 0 0 2	0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 0 0 0	63.4 69.9 67.7 64.7 67.2 70.6	85 69.1 - - 75.2 77.0
0000 0100 0200 0300 0400 0500 0600	11 8 7 5 21 46 128	0 0 0 0 0 0 0 0 2	2 0 0 0 0 0 0	3 7 5 5 3 13 28 80	3 3 1 2 6 13 35	5 1 0 0 0 1 2 4	0 0 0 0 0 1 1 2	7 0 0 0 0 0 0 2 1	8 0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 0 0 0 3	63.4 69.9 67.7 64.7 67.2 70.6 66.4	85 69.1 - - 75.2 77.0 73.8
0000 0100 0200 0300 0400 0500 0600 0700	11 8 7 5 21 46 128 188	0 0 0 0 0 0 0 0 0 2 0	2 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119	3 3 1 2 6 13 35 59	5 1 0 0 0 1 2 4 4	0 0 0 0 0 1 1 2 1	7 0 0 0 0 0 0 2 1	8 0 0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 1 0 0 0	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2	85 69.1 - - 75.2 77.0
0000 0100 0200 0300 0400 0500 0600 0700 0800	11 8 7 5 21 46 128 188 195	0 0 0 0 0 0 0 0 0 2 0	2 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129	3 3 1 2 6 13 35 59 54	5 1 0 0 0 1 2 4 4 5	0 0 0 0 0 1 1 2 1 2	7 0 0 0 0 0 0 2 1 0	0 0 0 0 0 0 0 0	9 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 0 0 0 3 3	63.4 69.9 67.7 64.7 67.2 70.6 66.4	75.2 77.0 73.8 73.4
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900	11. 8 7 5 21 46 128 188 195 163	0 0 0 0 0 0 0 0 2 0 1 1	2 0 0 0 0 0 0 0 0 1 0	7 5 5 3 13 28 80 119 129 107	3 3 1 2 6 13 35 59 54 43	5 0 0 0 1 2 4 4 5 7	0 0 0 0 0 1 1 2 1	7 0 0 0 0 0 0 2 1	8 0 0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 3 3 3	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0	75.2 77.0 73.8 73.4 74.2
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000	11 8 7 5 21 46 128 188 195 163 151	0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 0 0	7 5 5 3 13 28 80 119 129 107 108	3 3 1 2 6 13 35 59 54 43 36	5 0 0 0 1 2 4 4 5 7 3	6 0 0 0 0 1 1 2 1 2 2	7 0 0 0 0 0 2 1 0 0	0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 3 3 3 3	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2	75.2 77.0 73.8 73.4 74.2 69.8 70.9
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000	11 8 7 5 21 46 128 188 195 163 151 180	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 0	7 5 5 3 13 28 80 119 129 107	3 3 1 2 6 13 35 59 54 43	5 0 0 0 1 2 4 4 5 7	0 0 0 0 1 1 2 1 2 2	7 0 0 0 0 0 2 1 0 0 0	0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 1 0 0 0 0	12 0 0 1 0 0 0 3 3 3 3 4 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100	11 8 7 5 21 46 128 188 195 163 151 180 175	0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105	3 3 1 2 6 13 35 59 54 43 36 61	5 0 0 0 1 2 4 4 5 7 3 10	0 0 0 0 1 1 2 1 2 2 0 2	7 0 0 0 0 0 2 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 1 0 0 0 0 3 3 3 3 4 2 0 0 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9 70.9
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300	11 8 7 5 21 46 128 188 195 163 151 180	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66	5 0 0 0 1 2 4 4 5 7 3 10 9 8	0 0 0 0 1 1 2 1 2 2 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 1 0 0 0 3 3 3 3 4 2 0 2 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9 72.7 70.6 72.0
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100	11 8 7 5 21 46 128 188 195 163 151 180 175 177	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108	3 3 1 2 6 13 35 59 54 43 36 61 62 57	5 0 0 0 1 2 4 4 5 7 3 10 9 8	0 0 0 0 1 1 2 1 2 2 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 1	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.6 64.3 63.6 64.4 63.3	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9 72.7 70.6 72.0 70.6
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400	11. 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 68 55	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 2 1 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6 64.4 63.3 61.7	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9 72.7 70.6 72.0 70.6 68.0
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600	11. 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129 140	3 3 1 2 6 13 35 59 54 43 36 61 62 57 68 55 48	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 2 1 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6 64.4 63.3 61.7 58.8	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.9 72.7 70.6 72.0 70.6 68.0 65.9
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1200 1300 1400 1500 1600 1700 1800	Total 11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 189	Cls 1 0 0 0 0 0 0 1 1 0 0 1 0 0 0 0 2 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 129 140 112	3 3 1 2 6 13 35 59 54 43 66 62 57 66 68 55 48 72	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 2 1 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.3 61.7 58.8 63.3	85 69.1 - 75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.0 70.6 68.0 65.9 71.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	11. 8	Cls 1 0 0 0 0 0 0 1 1 0 0 1 0 0 0 0 2 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 129 140 112 83	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 8 55 48 72 42	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 1 2	0 0 0 0 1 1 2 2 2 0 2 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 3 3 3 3 4 2 0 2 2 1 1 0 0 4	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6 64.4 63.3 61.8 63.3 66.3	85 69.1 - 75.2 77.0 73.8 74.2 69.8 70.9 70.6 72.0 70.6 68.0 68.9 71.6 75.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 180C 190C 2000	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 189 131 112	Cls 1 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129 140 112 83 79	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 8 55 48 72 42 31	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 1 2	0 0 0 0 1 1 2 1 2 2 0 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 1 1 0 4 2	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6 64.4 63.3 61.7 58.8 63.3 66.3 65.0	75.2 77.0 73.8 74.2 69.8 70.9 70.6 72.0 70.6 68.0 65.9 71.6 75.6 72.7
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 189 131 112 103	Cls 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 2 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129 140 112 83 79 60	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 8 55 48 42 42 31 38	5 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 1 2 0	0 0 0 0 1 1 2 1 2 2 0 0 0 0 1 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 3 3 3 3 4 2 0 2 2 1 1 0 0 4	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.6 64.4 63.3 61.7 58.8 63.6 63.6 64.4	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.7 70.6 72.0 68.0 65.9 71.6 75.6 72.7
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2200	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 189 131 112 103 65	Cls 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 2 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129 140 112 83 79 60 45	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 68 55 48 72 42 31 38 18	5 1 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 1 2 0 0	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 3 3 3 3 4 2 0 2 2 1 2 1 4 2 5 5	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.3 61.7 58.8 63.3 65.0 64.8 64.8	75.2 77.0 73.8 74.2 69.8 70.9 70.6 72.0 70.6 68.0 65.9 71.6 75.6 72.7
7000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 2000 2200 2300	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 189 131 112 103 65 36	Cls 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 2 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 7 5 5 3 13 28 80 119 129 107 108 105 99 108 129 108 129 108 25 108 129 109 109 109 109 109 109 109 10	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 8 55 48 72 42 31 38 18 15	5 1 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 2 0 0 1	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0 0 1 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 3 3 3 3 3 4 2 0 2 2 1 0 4 2 5 0	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.3 65.3 66.3 66.3 66.3	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.0 70.6 65.9 71.6 75.6 75.6 71.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2200 2300 07-19	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 112 103 65 36 2158	C1s 0 0 0 0 0 0 0 1 1 0 0 0 0 0 2 0 0 1 1 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 7 5 5 3 13 28 80 119 129 107 108 105 99 108 129 140 112 83 79 60 45 21 1359	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 88 55 48 72 42 31 38 18 15	5 1 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 2 0 0 1 1 2 6 6 6 6 7 7 8 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0 0 1 0 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 3 3 3 3 4 2 0 2 2 1 2 1 0 0 0	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.6 63.5 64.2 64.3 63.3 61.7 58.8 63.3 65.0 64.8 64.8	75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.0 70.6 68.0 65.9 71.6 75.6 75.6 75.6 75.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 2000 2100 2200 2300 07-19 06-22	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 112 103 65 36 2158 2632	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 7 5 5 3 13 28 80 119 129 107 108 105 99 108 95 108 129 140 112 83 79 60 45 21 1359 1661	3 3 1 2 63 35 59 54 43 36 61 62 57 66 68 55 48 72 42 31 38 15 48 15 48 48 48 48 48 48 48 48 48 48 48 48 48	5 1 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 2 0 0 1 1 2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0 0 0 1 0 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 3 3 3 3 4 2 0 2 2 1 2 1 0 0 4 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.5 64.2 64.3 63.6 64.4 63.3 61.7 58.8 63.3 66.3 66.3 66.3	85 69.1 - 75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.7 70.6 72.0 70.6 65.9 71.6 75.6 75.6 75.2 71.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2200 2300 07-19	11 8 7 5 21 46 128 188 195 163 151 180 175 177 173 187 189 191 112 103 65 36 2158	C1s 0 0 0 0 0 0 0 1 1 0 0 0 0 0 2 0 0 1 1 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 7 5 5 3 13 28 80 119 129 107 108 105 99 108 129 140 112 83 79 60 45 21 1359	3 3 1 2 6 13 35 59 54 43 36 61 62 57 66 88 55 48 72 42 31 38 18 15	5 1 0 0 0 1 2 4 4 5 7 3 10 9 8 8 9 1 1 2 0 0 1 1 2 6 6 6 6 7 7 8 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 2 1 2 2 0 0 0 1 0 0 0 1 0 0 0 0	7 0 0 0 0 0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 3 3 3 3 3 4 2 0 2 2 1 2 1 0 0 4 2 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	63.4 69.9 67.7 64.7 67.2 70.6 66.4 65.2 66.0 62.5 64.2 64.3 63.6 64.4 63.3 65.3 66.3 66.3 66.3 66.3	85 69.1 - 75.2 77.0 73.8 73.4 74.2 69.8 70.9 70.6 72.7 70.6 72.0 70.6 68.0 65.9 71.6 75.2 71.6 75.2 71.6

* 10 Nov	vember 20	114													
Time	Total	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
		1	2	3	4	5	6	7	8	9	10	11 0	12 0	73,7	85 85.3
0000	15	0	0	12	2	1	0	0	0	0	0	0	0	62.6	65.5
0100	5 8	0 0	0 0	3 4	2 3	1	0	0	0	0	0	ŏ	ŏ	65.6	_
0200 0300	9	0	0	2	4	ō	1	ő	Ö	Ö	1	1	0	71.0	_
0400	10	Õ	ō	3	5	1	0	0	0	0	0	0	1	71.1	-
0500	41	0	0	29	11	0	1	0	0	0	0	0	0	70.5	80.6
0600	142	1	0	80	53	2	4	0	0	0	0	0	2	67.4	74.5
0700	183	0	2	117	52	4	2	0	1	0	1 0	0 0	4 6	65.8 64.9	72.7 71.3
0800	191	0	0	134	48	2	1 0	0 0	0 1	0	0	1	4	63.7	71.3
0900	171	0 0	0 0	99 98	58 58	8 6	0	0	0	Ö	0	0	5	64.3	73.1
1000 1100	167 152	0	0	89	51	6	2	ő	1	ŏ	ŏ	0	3	63.6	70.6
1200	181	0	1	105	63	7	0	Ō	1	0	1	0	3	64.3	71.3
1300	164	Ö	ō	92	58	10	0	1	0	0	0	1	2	64.0	71.6
1400	172	0	0	92	67	7	1	1	0	0	0	0	4	63.3	71.3
1500	203	0	2	128	62	8	0	0	0	0	1	0	2	46.0	63.0
1600	178	1	1	115	47	5	0	0	0	0	1	2 0	6 2	34.0 59.1	60.1 67.3
1700	175	1	1	110	57	1	0 0	0 0	0 0	0	3 0	0	3	62.8	69.8
1800	178 128	1 0	1 1	111 83	58 38	4 3	0	0	0	0	1	ő	2	64.5	72.4
1900 2000	115	0	0	60	53	1	0	0	ő	ő	ō	Ō	1	66.6	74.5
2100	96	0	ŏ	69	26	ō	0	0	0	0	0	0	1	66.4	72.7
2200	80	0	0	46	31	0	0	0	0	0	0	0	3	64.1	70.6
2300	33	0	0	18	14	1	0	0	0	0	0	0	0	65.4	70.9
07-19	2115	3	8	1290	679	68	6	2	4	0	7	4	44	59.4	70.2
06-22	2596	4	9	1582	849	74	10	2	4	0	8	4	50	60.7	71.3
06-00	2709	4	9	1646	894	75	10	2	4	0	8 9	4 5	53 54	60.8 61.1	71.3 71.6
00-00	2797	4	9	1699	921	78	12	2	4	U	•	,	J-	01.1	71.0
* 20 No	vember 2	014													
	vember 2 Total	014 Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
* 20 No Time	vember 2 Total		Cls 2	Cls 3	Cls 4	5	6	7	8	9	10	11	12		85
Time	Total	Cls 1 0	2	3 11	4	5	6	7	8	9	10	11	12	71.9	
0000 0100	13 7	0 0 0	0 0	11 4	2 2	5 0 1	6 0 0	7 0 0	8 0	9 0 0	10 0 0	0 0	0 0	71.9 61.2	76.0 -
0000 0100 0200	13 7 10	0 0 0 0	0 0 0	11 4 6	2 2 2 2	0 1 1	0 0 1	7 0 0 0	0 0 0	9 0 0 0	0 0 0 0	0 0 0	0 0 0	71.9 61.2 63.2	85
0000 0100 0200 0300	13 7 10 7	0 0 0 0 0	0 0 0 0	11 4 6 3	2 2 2 2 3	5 0 1 1 1	0 0 1 0	7 0 0 0 0	0 0 0 0	9 0 0 0	10 0 0	0 0	0 0	71.9 61.2	76.0 -
0000 0100 0200 0300 0400	13 7 10 7 8	0 0 0 0 0 0	0 0 0 0 0	11 4 6 3 2	2 2 2 2 3 2	0 1 1	0 0 1	7 0 0 0	0 0 0	9 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	71.9 61.2 63.2 65.4	85 76.0 - - -
0000 0100 0200 0300 0400 0500	13 7 10 7	0 0 0 0 0	0 0 0 0	11 4 6 3	2 2 2 2 3	5 0 1 1 1	0 0 1 0 3	7 0 0 0 0	0 0 0 0 0	9 0 0 0 0	0 0 0 0 0 0 0	11 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	71.9 61.2 63.2 65.4 68.5 71.2 66.8	76.0 - - - 78.8 74.2
0000 0100 0200 0300 0400	13 7 10 7 8 37	0 0 0 0 0 0 0	0 0 0 0 0 0	3 11 4 6 3 2 24	2 2 2 2 3 2 13	5 0 1 1 1 1 0 1 2	0 0 1 0 3 0 7 2	7 0 0 0 0 0 0	8 0 0 0 0 0 0 0 1 2	9 0 0 0 0 0	10 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 10 4	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4	76.0
0000 0100 0200 0300 0400 0500 0600 0700 0800	13 7 10 7 8 37 134 196 184	Cls 0 0 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1	2 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127	2 2 2 3 2 13 28 56 43	0 1 1 1 1 0 1 2	0 0 1 0 3 0 7 2 2	7 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0 1 2 1	9 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2	0 0 0 0 0 0 0 0 10 4 5	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3	76.0
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900	13 7 10 7 8 37 134 196 184 169	0 0 0 0 0 0 0 1 0 1	2 0 0 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107	2 2 2 3 2 13 28 56 43 49	0 1 1 1 1 0 1 2 1	0 0 1 0 3 0 7 2 2 2	7 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1	9 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 2 1	0 0 0 0 0 0 0 10 4 5	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3	76.0
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000	13 7 10 7 8 37 134 196 184 169 145	1 0 0 0 0 0 0 0 0 1 0 0 0	2 0 0 0 0 0 0 0 0 0 1 1	11 4 6 3 2 24 85 130 127 107 94	2 2 2 3 2 13 28 56 43 49 42	0 1 1 1 1 0 1 2 1 4 4	0 0 1 0 3 0 7 2 2 2 3	0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 1 2 1 0	9 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1	0 0 0 0 0 0 10 4 5 5	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8	76.0 - - 78.8 74.2 74.2 73.4 73.1 69.8
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100	13 7 10 7 8 37 134 196 184 169 145	0 0 0 0 0 0 0 1 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 1 1 1	11 4 6 3 2 24 85 130 127 107 94 106	2 2 2 3 2 13 28 56 43 49 42 46	5 0 1 1 1 0 1 2 1 4 4 8	0 0 1 0 3 0 7 2 2 2 2 3 1	7 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0	9 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0 2 1	12 0 0 0 0 0 0 0 10 4 5 5	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.8 65.3 64.8 62.8 62.7	76.0 - - 78.8 74.2 74.2 73.4 73.1 69.8 69.1
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200	13 7 10 7 8 37 134 196 184 169 145 167	0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 1 1 1	11 4 6 3 2 24 85 130 127 107 94 106 101	2 2 2 3 2 13 28 56 43 49 42 46 48	5 0 1 1 1 1 0 1 2 1 4 4 8 11	0 0 1 0 3 0 7 2 2 2 2 3 1	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0 0	9 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0	0 0 0 0 0 0 10 4 5 5	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8	76.0 - - 78.8 74.2 74.2 73.4 73.1 69.8
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300	13 7 10 7 8 37 134 196 184 169 145 167 165 171	0 0 0 0 0 0 0 1 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 1 1 1	11 4 6 3 2 24 85 130 127 107 94 106	2 2 2 3 2 13 28 56 43 49 42 46	5 0 1 1 1 0 1 2 1 4 4 8	0 0 1 0 3 0 7 2 2 2 2 3 1	7 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0 0 0	12 0 0 0 0 0 0 10 4 5 5 2 4 2 1	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0	76.0 - - - - - - - - - - - - -
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200	13 7 10 7 8 37 134 196 184 169 145 167	0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 1 1 1 0 1	11 4 6 3 2 24 85 130 127 107 94 106 101 99	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0 0 1 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0 0 0 0	0 0 0 0 0 0 10 4 5 5 5 2 4 2 1 2	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4	76.0 - - 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3
0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55	0 1 1 1 1 0 1 2 1 4 4 8 11 5 8 4 3	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0 0 1 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0 0 0 0 0	0 0 0 0 0 0 10 4 5 5 5 2 4 2 1 2 7 6	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0	76.0 - - 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9
0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1400 1500 1600 1700	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198	1 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55 63 51	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 3	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 2 1 0 0 0 1 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 10 4 5 5 5 2 4 2 1 2 7 6 4	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9	76.0 - 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55 63 51 45	0 1 1 1 1 0 1 2 1 4 4 8 11 5 8 4 3 3 4	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 1 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 2 1 0 0 0 0 1 0 0 0 0 0	12 0 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3	76.0
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55 63 51 45 31	5 0 1 1 1 1 0 1 2 1 4 4 8 11 5 8 4 3 3 4 3 3	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 2 1 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 10 4 5 5 5 2 4 2 1 2 7 6 4	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9	76.0 - 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1700 1800 1900 2000	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140 99	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114	2 2 2 3 2 13 28 543 49 42 46 48 61 63 553 51 45 31 30	0 1 1 1 1 0 1 2 1 4 4 8 11 5 8 4 3 3 4	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 1 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 2 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 4 1	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.2 65.0 66.3	76.0 76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5 68.4 70.9 72.4 74.9
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104 67	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55 63 51 45 31	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 4 3 3 0 0	0 0 1 0 3 0 7 2 2 2 3 1 0 0 1 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 1 1 2 2 2 2	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.2 65.3	76.0 76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5 67.3 70.9 72.0
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1700 1800 1900 2000	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140 99	0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 0	2 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104 67 70 56 23	2 2 2 3 2 13 28 56 43 49 46 48 61 63 55 63 51 43 20 12 20	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 1 0 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 2 1 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 1 1 2 2 0	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.3 65.5 65.5	76.0 76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 72.4 74.9 72.0 72.7
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 2000 2100 2200 2300 07-19	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140 99 70 45 2133	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104 67 70 56 23	2 2 2 3 2 13 28 56 43 49 46 48 61 63 55 63 51 45 40 20 12 20 622	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 1 1 1 0 0 2	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 2 1 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 1 1 2 2 0 0 4 4 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.2 65.3 64.2 65.3	76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5 67.3 70.9 72.4 74.9 72.0 72.7 70.9
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 2000 2100 2200 2300 07-19 06-22	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140 99 92 70 45 2133 2598	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104 67 70 56 23 1368 1694	2 2 2 3 2 13 28 56 43 49 42 46 48 61 63 55 63 51 30 20 12 20 622 731	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 1 1 0 0 2 1	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 0 0 0 0 0 1 2 1 0 0 0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 1 1 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.2 65.3 64.2 65.3	76.0 76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5 67.3 70.9 72.4 74.9 72.0 72.7 70.9 71.3
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 2000 2100 2200 2300 07-19	13 7 10 7 8 37 134 196 184 169 145 167 165 171 168 195 206 198 169 140 99 70 45 2133	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	11 4 6 3 2 24 85 130 127 107 94 106 101 99 92 126 134 138 114 104 67 70 56 23	2 2 2 3 2 13 28 56 43 49 46 48 61 63 55 63 51 45 40 20 12 20 622	5 0 1 1 1 1 0 1 2 1 4 4 8 8 11 5 8 4 3 3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 3 0 7 2 2 2 2 3 1 0 0 1 1 1 1 1 0 0 2	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 2 1 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 2 1 0 0 0 0 0 0 0 0 0 0	12 0 0 0 0 0 10 4 5 5 2 4 2 1 2 7 6 4 4 1 1 2 2 0 0 4 4 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	71.9 61.2 63.2 65.4 68.5 71.2 66.8 66.4 65.3 64.8 62.7 62.4 64.8 63.0 61.4 62.0 60.9 61.3 64.2 65.3 64.2 65.3	76.0 76.0 78.8 74.2 73.4 73.1 69.8 69.1 68.8 73.8 69.5 67.3 70.9 69.5 67.3 70.9 72.4 74.9 72.0 72.7 70.9



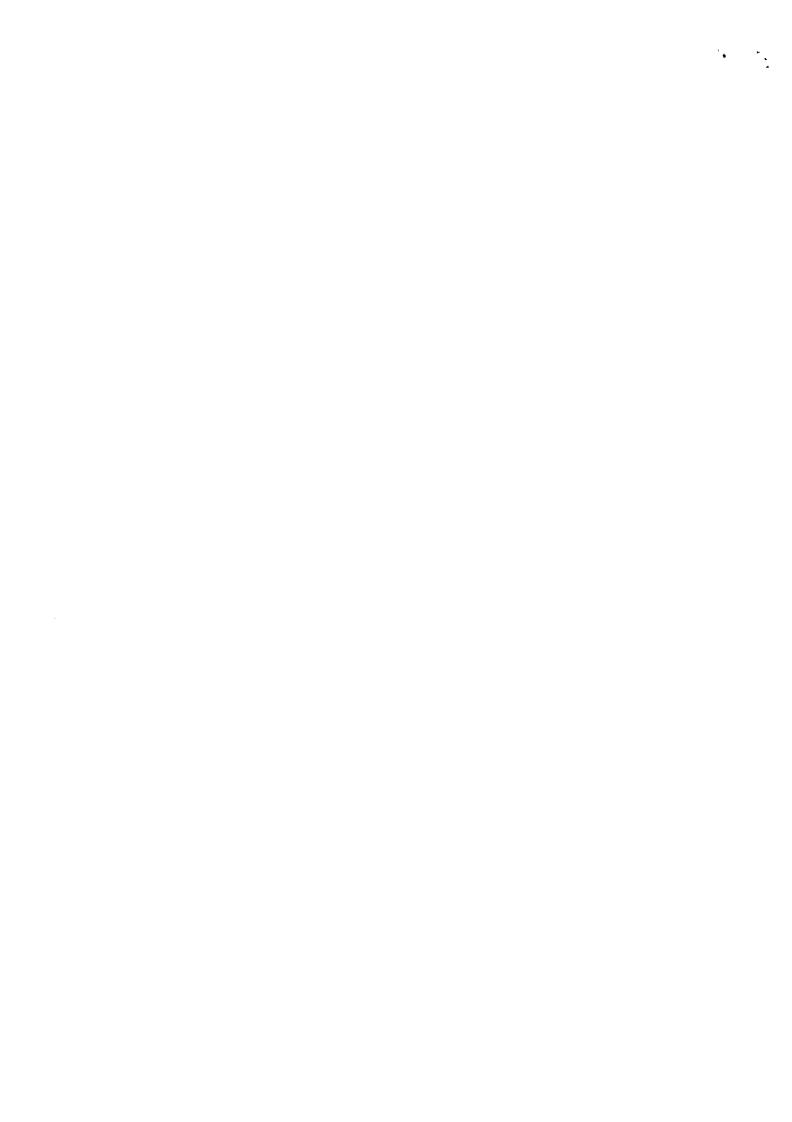
	ember 20					~ 3 -	03 -	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	7	8	9	10	11	12		85
0000	12	0	0	8	3	0	1	0	0	0	0	0	0	66.7 65.1	73.1
0100	3	0	0	2	0	1	0	0	0 0	0 0	0 0	0 0	0	69.0	_
0200	4	0	0	3 4	1 0	0 0	0 0	0 0	0	0	0	0	0	78.1	_
0300 0400	4 8	0	0	4	3	0	0	ő	0	ŏ	ő	Ō	1	66.3	_
0500	43	0	0	32	8	2	1	ŏ	0	0	0	0	0	69.9	82.8
0600	131	2	Ö	84	31	1	4	0	0	0	0	0	9	65.7	74.5
0700	180	0	1	121	48	2	4	0	1	0	0	1	2	67.6	74.9
0800	193	2	0	125	51	5	1	1	1	0	1	1	5 1	63.8 63.3	72.7 71.3
0900	160	0	0	107	43	6	0	1	0	0 0	0 1	2 0	5	61.7	67.3
1000	160	0	0	91	56 40	7 3	0 2	0	1	0	0	0	3	62.0	67.7
1100	153 171	0 0	0 2	10 4 105	55	3	1	0	1	0	0	ŏ	4	62.7	69.8
1200 1300	182	0	Õ	120	50	4	ō	ŏ	ō	0	0	0	8	62.8	69.8
1400	176	ő	1	106	58	6	0	0	1	0	1	0	3	63.0	70.2
1500	191	0	0	110	72	4	2	0	0	0	0	0	3	63.0	71.3
1600	199	0	1	134	53	3	0	0	1	0	2	0	5	61.5	69.5
1700	193	0	0	137	49	2	2	0	1	0	0 0	0	2	60.5 62.2	67.0 69.8
1800	174	0	0	116	52	3	0	0 0	0 0	0 0	0	0	3 4	61.7	69.1
1900	146	0	0	96 62	45 31	1 0	0	0	0	0	0	0	2	63.8	70.2
2000 2100	95 88	0	0	62	21	1	0	0	0	ő	Õ	ő	4	63.5	72.7
2200	76	1	0	49	24	1	0	ő	Ö	Õ	0	1	0	61.3	69.5
2300	54	ō	ő	36	14	2	Ō	0	0	0	0	0	2	64.4	69.5
07-19	2132	2	5	1376	627	48	12	2	7	0	5	4	44	62.8	70.6
06-22	2592	4	5	1680	755	51	16	2	7	0	5	4	63	63.0	70.9
06-00	2722	5	5	1765	793	54	16	2	7	0	5	5	65	63.0	70.9
00-00	2796	5	5	1818	808	57	18	2	7	0	5	5	66	63.1	70.9
* 72 Nov	vember 2	014													
* 22 Nov Time	vember 2 Total	014 Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
Time	Total	Cls 1	2	3	4	5	6	7_	8	9	10	11	12		85
Time	Total	1 0	2	3	10	5	6	7	8	9	10	11	12	66.8	
0000 0100	24 14	0 0 0	0 0	13 11	10 3	5 1 0	6 0 0	7 0 0	8	9 0 0	10	11	12		85 73.8
0000 0100 0200	24 14 21	0 0 0 0	0 0 0 0	13 11 12	10	5	6	7	8 0 0	9	0 0	0 0	0 0	66.8 63.8	85 73.8 69.5 83.2 78.1
0000 0100 0200 0300	24 14 21 11	0 0 0	0 0	13 11	10 3 9	1 0 0	0 0 0	0 0 0	8 0 0 0	9 0 0 0	0 0 0	0 0 0	0 0 0 0 0	66.8 63.8 70.9 70.4 67.1	73.8 69.5 83.2 78.1 76.7
0000 0100 0200	24 14 21	0 0 0 0 0	0 0 0 0	13 11 12 6	10 3 9 4	5 1 0 0 1 0 0	0 0 0 0	7 0 0 0 0 0	8 0 0 0 0 0	9 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6	73.8 69.5 83.2 78.1 76.7 71.6
0000 0100 0200 0300 0400 0500 0600	24 14 21 11	0 0 0 0 0 0 0 1	0 0 0 0 0 0 0	3 13 11 12 6 8 17 31	10 3 9 4 3 7 7	5 1 0 0 1 0 0 2	0 0 0 0 0 0 1	7 0 0 0 0 0 0	8 0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 2	66.8 63.8 70.9 70.4 67.1 64.6 62.4	73.8 69.5 83.2 78.1 76.7 71.6 68.0
0000 0100 0200 0300 0400 0500 0600 0700	24 14 21 11 11 25 44 106	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73	10 3 9 4 3 7 7 7 24	5 1 0 0 1 0 0 2 3	6 0 0 0 0 0 0 1	7 0 0 0 0 0 0	0 0 0 0 0 0	9 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 2 3	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8
7ime 0000 0100 0200 0300 0400 0500 0600 0700 0800	24 14 21 11 11 25 44 106 120	0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75	10 3 9 4 3 7 7 24 40	5 1 0 0 1 0 0 2 3 2	0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0	8 0 0 0 0 0 0	9 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 2 3 2	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1
7ime 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900	24 14 21 11 11 25 44 106 120 168	0 0 0 0 0 0 0 1 1 0 3	2 0 0 0 0 0 0 0 0 1 0	13 11 12 6 8 17 31 73 75 102	10 3 9 4 3 7 7 24 40 53	5 1 0 0 1 0 0 2 3 2 3	0 0 0 0 0 0 0 1 0 1	7 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0	9 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 2 3 2 6	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8
7ime 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000	24 14 21 11 11 25 44 106 120 168 181	0 0 0 0 0 0 0 1 1 0 3	0 0 0 0 0 0 0 0 0 1 0 0	13 11 12 6 8 17 31 73 75 102 107	10 3 9 4 3 7 7 24 40 53 67	5 1 0 0 1 0 0 2 3 2	0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0	8 0 0 0 0 0 0	9 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1	0 0 0 0 0 0 0 2 3 2	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100	24 14 21 11 11 25 44 106 120 168 181 184	0 0 0 0 0 0 1 1 1 0 3 3 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112	10 3 9 4 3 7 7 24 40 53 67 62	1 0 0 1 0 2 3 2 3 4 7	0 0 0 0 0 0 1 0 1	7 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 1	0 0 0 0 0 0 2 3 2 6 2	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.8 63.7 63.3	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 72.0 71.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200	24 14 21 11 11 25 44 106 120 168 181	0 0 0 0 0 0 0 1 1 0 3	0 0 0 0 0 0 0 0 0 1 0 0	13 11 12 6 8 17 31 73 75 102 107	10 3 9 4 3 7 7 24 40 53 67	5 1 0 0 1 0 0 2 3 2 3 4	0 0 0 0 0 0 1 0 1 0 0	7 0 0 0 0 0 0 0 0 0 0	8 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 1 1 0 0 0	12 0 0 0 0 0 0 0 2 3 2 6 2 2 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.3 64.2	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 72.0 71.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100	24 14 21 11 11 25 44 106 120 168 181 184 186	0 0 0 0 0 0 1 1 0 0 3 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67	5 0 0 1 0 0 2 3 2 3 4 7 2 3 3 2	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.3 64.2 61.7	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 71.6 69.5
7ime 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56	5 0 0 1 0 0 2 3 2 3 4 7 2 3 2 3 2 2 3	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.3 64.2 61.7 62.3	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 69.5 69.5
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58	5 0 0 1 0 0 2 3 2 3 4 7 2 2 3 2 2 3 2 1	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.8 63.7 63.3 64.2 61.7 62.3 61.0	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 69.5 69.5 69.5
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50	5 0 0 1 0 0 2 3 2 3 4 7 2 2 3 2 3 2 3 2 3 2 3	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.8 63.7 62.3 61.0 60.9	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 69.5 69.5 69.5 67.0 70.9
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800	24 14 21 11 11 25 44 106 120 168 181 184 179 174 179 174 183 157 136	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29	5 0 0 1 0 0 2 3 2 3 4 7 2 2 3 2 2 3 3 2 3 3 2 3 3 3 3 4 7 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.8 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 69.5 69.5 69.5
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 101 59	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38	5 1 0 0 1 0 0 2 3 2 3 4 7 2 3 2 2 1 3 2 2 3 1 3 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0 1 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.8 63.7 62.3 61.0 60.9	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 71.6 71.6 69.5 69.5 69.5 67.0 70.9 70.6
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100 88	0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29	5 0 0 1 0 0 2 3 2 3 4 7 2 2 3 2 2 3 3 2 3 3 2 3 3 3 3 4 7 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0 1 3 3 2 2 1 3 0 0 1 1 3 0 0 1 1 1 1 1 1 1 1 1 1 1	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5 63.6 63.7	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.1 70.6 71.6 71.6 69.5 69.5 67.0 70.6 68.8 70.2 74.2
71me 0000 0100 0200 0300 0400 0500 0600 0700 0800 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 101 59 55 41 52	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38 28	5 1 0 0 1 0 0 2 3 2 3 4 7 2 3 2 2 1 3 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 1 0 0 0 0 0 1 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 1 3 3 0 0 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5 63.6 63.7	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.1 70.6 71.6 71.6 69.5 69.5 67.0 70.6 68.8 70.2 74.2 69.5
7000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2200 2300	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100 88 67 84 74	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 59 55 41 52 55	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38 24 23 18	5 0 0 1 0 0 2 3 2 3 4 7 2 2 3 2 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 1 3 3 0 3 0 0 1 1 1 1 1 1 1 1 1 1	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.8 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5 63.6 63.6	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 69.5 67.0 71.6 69.5 67.0 70.9 70.6 68.8 70.2 74.2 69.5 71.6
7000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2200 2300 07-19	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100 88 67 84 74 1968	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 101 59 55 41 52 55	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38 28 24 23 18	5 1 0 0 1 0 0 2 3 2 3 4 7 2 3 2 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0 3 2 5 6 2 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.8 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5 63.6 63.6 63.6	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 69.5 69.5 67.0 70.9 70.6 68.8 70.2 74.2 69.5 71.6
70000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 2000 2100 2200 2300 07-19 06-22	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100 88 67 84 74 1968 2267	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 101 59 55 41 52 55 1250 1436	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38 28 24 23 18 641 738	1 0 0 1 0 0 2 3 3 2 3 4 7 2 3 3 2 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.5 63.7 62.3 61.0 60.9 62.5 63.0 63.7 65.8 63.7 65.8	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 69.5 69.5 67.0 70.9 70.6 68.8 70.9 70.6 71.6
7000 0100 0200 0300 0400 0500 0600 0700 0800 0900 1100 1200 1300 1400 1500 1600 1700 1800 1900 2200 2300 07-19	24 14 21 11 11 25 44 106 120 168 181 184 186 194 179 174 183 157 136 100 88 67 84 74 1968	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 11 12 6 8 17 31 73 75 102 107 112 121 118 107 113 120 101 101 59 55 41 52 55	10 3 9 4 3 7 7 24 40 53 67 62 63 72 67 56 58 50 29 38 28 24 23 18	5 1 0 0 1 0 0 2 3 2 3 4 7 2 3 2 2 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 1 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 0	12 0 0 0 0 0 0 2 3 2 6 2 2 0 0 0 0 1 3 3 2 6 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	66.8 63.8 70.9 70.4 67.1 64.6 62.4 66.5 65.6 63.8 63.7 63.3 64.2 61.7 62.3 61.0 60.9 62.5 63.6 63.6 63.6	73.8 69.5 83.2 78.1 76.7 71.6 68.0 73.8 73.1 70.6 71.6 69.5 69.5 67.0 70.9 70.6 68.8 70.2 74.2 69.5 71.6

* 23 Nov	ember 20	14													
Time	Total	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
		1	2	3_	4	5	6	7	8	9	10 0	<u> 11</u>	12 0	65.0	70.6
0000 0100	35 22	0	0	22 12	10 10	3 0	0	0	0	0	0	0	0	66.5	79.6
0200	16	0	0	13	2	0	ő	ő	0	Ö	Ö	0	1	64.7	72.4
0300	6	ŏ	ŏ	3	3	Ö	ō	0	0	Ō	0	0	0	66.3	-
0400	13	0	0	4	9	0	0	0	0	0	0	0	0	66.6	76.7
0500	8	0	0	3	4	0	Q	0	0	0	0	0	1	62.7	-
0600	29	0	0	15	7	1	1	0	0	0	1	0	4	65.0	73.8
0700	62	0	0	45	14	2	0	0 0	0 0	0	0 1	0 0	1 2	65.7 63.7	71.6 69.5
080C 0900	66 133	0 0	0 1	43 97	18 31	1 1	1 0	0	0	0	0	0	3	66.8	74.5
1000	133 147	1	0	101	38	3	2	0	ő	ő	0	0	2	63.3	71.3
1100	181	ō	ő	117	54	4	ō	ő	ŏ	ŏ	Ö	ŏ	6	63.4	69.8
1200	163	ō	Ō	109	47	1	0	0	0	0	0	1	5	61.9	68.0
1300	149	0	1	102	37	2	0	0	0	0	0	0	7	62.8	70.9
1400	181	0	0	128	46	2	0	0	0	0	0	0	5	62.7	69.1
1500	159	1	0	120	34	0	0	0	0	0	0	0	4	62.2	67.7
1600	165	0	1	115	41	2	1	0 0	0 0	0	0 0	0	5 3	62.9 63.4	68.4 73.4
1700	143 92	0 0	1 0	96 62	41 24	0 2	2 2	0	0	0	0	0	3 2	64.6	72.7
1800 1900	90	0	1	56	26	1	5	0	1	0	0	0	0	66.1	73.4
2000	61	ő	0	43	13	0	2	0	õ	ő	ő	Ö	3	65.0	74.2
2100	35	Ō	Ö	16	15	1	2	0	0	0	0	0	1	62.5	69.5
2200	34	0	0	20	12	0	1	0	0	0	0	1	0	64.8	74.5
2300	29	0	0	20	8	0	0	0	1	0	0	0	0	66.4	74.2
07-19	1641	2	4	1135	425	20	8	0	0	0	1	1	45	63.4	70.6
06-22	1856	2	5	1265	486	23	18	0	1	0	2	1	53	63.6	71.3
06-00	1919	2	5	1305	506	23	19	0	2 2	0	2 2	2 2	53	63.6 63.7	71.3 71.3
00-00	2019	2	5	1362	544	26	19	0	2	υ	2	2	55	63.7	/1.3
* Virtua	I Day (7)														
Time	Total	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
11110	10001	1	2	3	4	5	6	7	8	9	10	11	12		85
0000	17	0	0	11	5	1	0	0	0	0	0	0	0	67.2	74.2
0100	9	0	0	6	3	0	0	0	0	0	0	0	0	65.2	-
0200	10	0	0	6	3	0	0	0	0	0	0	0	0	67.0	74.2
0300	7	0	0	3	3	0	0	0	0	0	0	0	0	68.2	-
0400	12	0	0	6	5	1	1	0	0	0	0 0	0 0	0	67.0 69.6	76.3 78.8
0500	35	0 1	0	24 65	10 29	1 2	1 3	0	0 0	0	0	0	5	65.9	78.8
0600 0700	106 156	0	1	103	44	3	2	0	1	0	0	0	3	66.2	73.8
0800	161	1	ō	105	46	3	1	Ŏ	ī	Ö	0	í	4	65.1	72.7
0900	160	1	0	103	46	5	1	0	0	0	0	1	3	64.0	71.6
1000	157	0	0	97	51	5	1	0	0	0	0	0	3	63.2	71.3
1100	166	0	0	101	53	6	1	0	0	0	0	0	3	63.1	69.8
1200	173	0	1	105	57	5	0	0	1	0	0	0	3	63.0	70.2
1300	169	0	0	104	55	5	0	0	0	0	1	1 0	4 3	63.5 62.8	71.3 70.2
1400 1500	174 187	0 0	0 1	104 119	60 58	6 5	1 1	0 0	0 0	0 0	1 0	0	3	59.8	68.8
1600	190	0	1	125	55	2	0	0	0	0	0	1	5	58.0	68.0
1700	177	0	ī	121	50	2	ĭ	Ö	Ö	ŏ	1	ō	2	60.4	68.4
1800	158	1	0	105	46	3	1	0	0	0	0	0	3	62.6	70.2
1900	123	0	0	82	36	2	1	0	0	0	0	0	2	64.3	72.0
2000	95	0	0	61	30	0	1	0	0	0	0	0	2	65.1	73.1
2100	83	0	0	55	24	0	0	0	0	0	0	0	2	65.4	73.4
2200	68	0	0	45	20	1	0	0 0	0 0	0	0 0	0 0	2	63.7 65.6	71.6 71.6
2300 07-19	41 2028	0 3	0 5	26 1291	13 621	1 49	0 9	1	4	Ö	4	3	39	62.5	70.9
07-19	2435	4	5	1555	740	53	13	1	4	ŏ	5	3	50	63.0	71.3
06-00	2544	4	5	1626	773	55	14	1	5	ō	5	4	52	63.0	71.3
00-00	2634	4	5	1682	801	58	16	2	5	Ö	5	4	53	63.2	71.6
		_	_		-										
* Virtua	l Week (1)														
Time	Total	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Cls	Mean	Vpp
		1	2	3	4	5	6	<u></u>	8	9	10	11	12		85
Mon	2672	1	5	1677	842	55	13	2	5	0	6	3	63 38	63.3 64.0	71.3 72.0
Tue	2831	7	4	1788	888 921	77 78	14 12	4 2	4 4	0 0	4 9	3 5	58 54	61.1	72.0
Wed	2797 2795	4 5	9 5	1699 1823	921 787	78 65	12 29	1	6	1	6	5	62	63.8	71.6
Thu Fri	2795	5 5	5	1818	808	57	18	2	7	0	5	5	66	63.1	70.9
Sat	2531	5	5	1610	815	46	6	0	4	ŏ	1	5	34	63.4	71.3
Sun	2019	2	5	1362	544	26	19	ő	2	Ö	2	2	55	63.7	71.3
	18441	29		11777	5605	404	111	11	32	1	33	28	372	63.2	71.6

In profile: Vehicles = 18441 / 77071 (23.93%)









FOREVER LIVING PRODUCTS UK LIMITED NOISE ASSESSMENT REVIEW – STRATFORD ROAD, WARWICK

DECEMBER 2014



FOREVER LIVING PRODUCTS UK LIMITED NOISE ASSESSMENT REVIEW – STRATFORD ROAD, WARWICK

DECEMBER 2014

Project Code:

GFPSTRATFORDROAD(N).9

Prepared by:

David Sutton

Approved by:

Stuart Aldridge

Issue Date:

DECEMBER 2014

Status:

FINAL

		•

1 NOISE ASSESSMENT REPORT REVIEW

- 1.1 As requested, please find detailed below a review of the report: Environmental Noise Assessment at 5 Sites within Warwick District, dated July/August 2014, by Roger Braithwaite. It is understood that the report was commissioned at short notice and the timing and extent of analysis undertaken was therefore limited by time.
- 1.2 The report and associated surveys appear to have been carried out in a generally professional and competent manner. The few inconsistencies or omissions found are highlighted in the commentary below, with paragraph identification numbering taken directly from the report reviewed.

1.3 Paragraph 1.5

e) LAND TO THE EAST OF STRATFORD ROAD WARWICK AREA 2. The monitoring locations are all at least 100km from the M40. Traffic noise exposure will undoubtedly be greater closer to the M40. It may be that this area has already been discounted as it is understood that the monitoring location was requested, but it should be noted that the data gathered is not necessarily representative of the whole site and development plans should be made accordingly.

1.4 Paragraphs 1.6 – 1.7

The surveys were all undertaken during the school holidays and may therefore have generated atypical noise data.

- 1.5 Paragraphs 4.12
- 1.6 This section discussed noise and Statutory Nuisance but as road traffic is not covered within the statutory nuisance legislation it is unclear what this is trying to do.
- 1.7 Paragraphs 4.19 4.24

PPG24 is no longer applicable, as noted by the report Author but still used as the primary criteria.

1.8 Paragraph 4.25

NOISE INSULATION REGULATIONS 1975, we do not think that these regulations apply to mobile/lightweight dwellings, and if they have been used there is no explanation as to how this has been addressed?



1.9 Paragraph 4.26

BS8233: 1999 was superseded by BS8233: 2014, which was published in February 2014. Although internal noise level limits from BS8233: 1999 were quoted in the report there was no assessment given as to the likely internal noise levels achievable within the dwellings at the proposed sites. This was probably outside the scope of the commission but needs to be considered. The particular ambient noise limits stated in the reviewed report have changed to:

Activity	Location	07:00 to 23:00	23:00 to 07:00
Resting	Living Room	35 dB LAeq,16hour	_
Dining	Dining Room/Area	40 dB LAeq,16hour	-
Sleeping (daytime resting)	Bedroom	35 dB LAeq,16hour	30 dB LAeq,8hour

- 1.10 The above limits are derived from the World Health Organisation (WHO) guidelines for community noise and are more stringent than the "BS8233: 1999 Reasonable" limits given in the report, but no worse than the "BS8233: 1999 Good" limits given.
- 1.11 Further to the above, section 7.7.3.2 of BS8233: 2014 gives a design criteria for continuous external noise of 50 dB L_{Aeq,T} (as the lower limit of moderate annoyance) with an upper limit of 55 dB L_{Aeq,T} (as the lower limit for serious annoyance) to be achieved in residential amenity areas i.e gardens, patios etc. It is noted that at the survey measurement locations these external levels were not achieved.
- 1.12 Although the BS8233: 2014 internal and external levels given above are guidelines, which should be considered along with other factors, they are generally referred to and often adopted by many Local Authorities as a benchmark, and even required by condition. Where noise is a concern planning applications sometimes hinge on the mitigation proposals for the dwelling construction(s). However, the potential sound insulation properties of typical mobile/lightweight dwellings would be expected to be considerably less than that of conventional dwelling constructions, a point also noted by the report Author at 5.32

1.13 Paragraphs 4.8 – 4.11

The current PPG action levels NOAEL, LOAEL and SOAEL are detailed. However, the allocation of these terms to specific quantifiable levels (such

as with the old PPG24 Categories A,B,C and D) is not clear. The PPG action levels are designed to be used with the BS:8233, WHO and DMRB assessment. The report Author has put forward, in para 5.31, that the old PPG24 category B areas of the site(s) monitored do not fall into SOAEL (Significant Observed Adverse Effect Level) but goes into no more detail as to why they have independently taken use PPG levels and not the BS8322, WHO and DMRB levels.

1.14 Paragraph 5.8

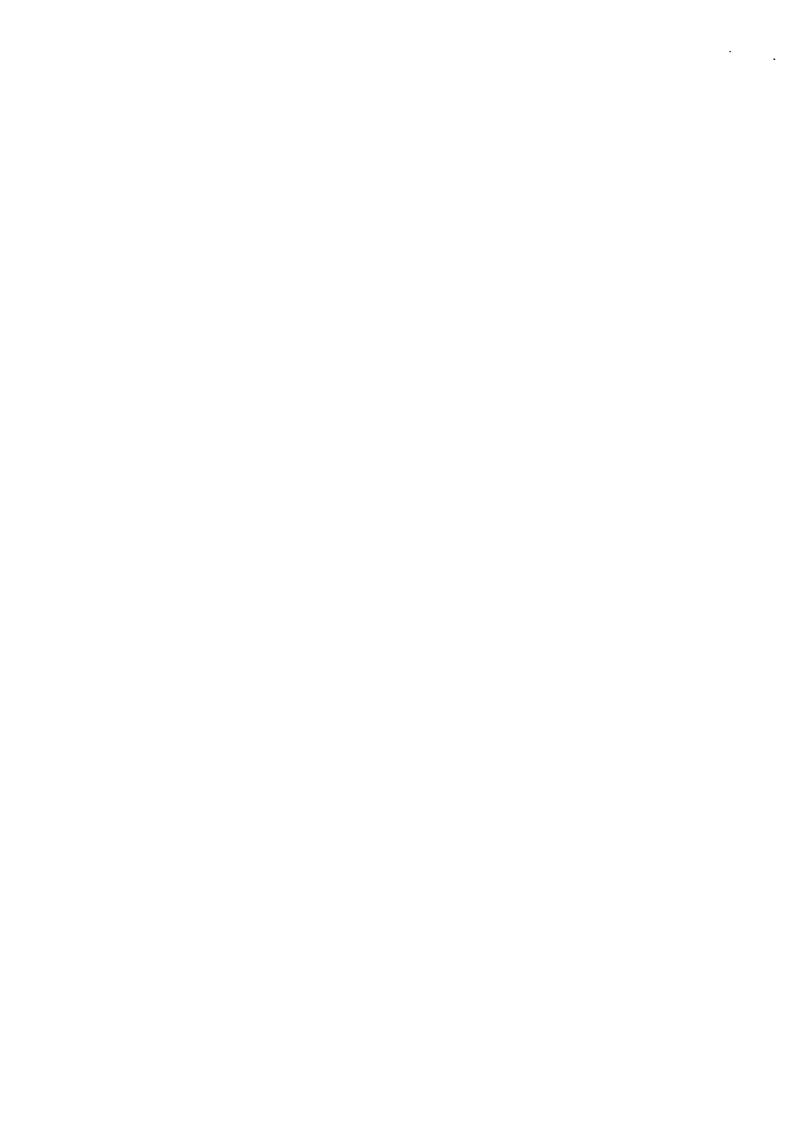
- 1.15 Incomplete data due to battery failure. However, the daytime data gathered does not indicate excessive noise is likely for the night-time period that is missing, again as noted by the Author.
- 1.16 Instrument verification is generally required / recommended not less than every 2 years (e.g. in BS4142: 2014). The calibration certificates included with the report indicate that one of the two meters used was just outside of its two yearly manufacturer's calibration for the survey undertaken early August 2014.
- 1.17 As noted in 4.7 to comply with the NPPF, LPA's should consider if an adverse effect is likely to occur due to the development. With regard to the effect of existing ambient noise on the potential Gypsy/Traveller residents, WHO and BS8233: 2014 suggest that acceptable conditions should be achieved by the provision of internal ambient noise levels commensurate with the recommended design limits (and given in the Table above) As noted in 4.7 to comply with the NPPF, LPA's should consider if a good standard of amenity can be achieved. With regard to the effect of existing ambient noise on the potential Gypsy/Traveller residents, WHO and BS8233: 2014 suggest that this should be achieved by the provision of external amenity areas commensurate with the external noise levels given i.e. 50 dB L_{Aeq,T} with an upper limit of 55 dB L_{Aeq,T}.

1.18 Paragraph 5.29 - 5.31

1.19 This section seems to draw conclusions based on the author's interpretation of the NPPG categories combined with the superseded PPG24.

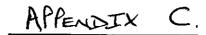


- 1.20 Again the report mentions nuisance and it is thought that this is in relation to potential noise nuisance from the proposed site upon existing residential property.
- 1.21 The report suggests the need for the consideration of noise in the design of any development proposal, but does not state appropriate design limits or how they might be achieved.
- 1.22 The report (Paragraph 5.31) states that the assessment assumes that none of these sites will be located close to the motorway but the application itself does not provide anything to support this assumption.
- 1.23 Conclusion
- 1.24 It is our view that the assessment has not provided enough information to demonstrate that the development of the Stratford Road site for residential use is appropriate.
- 1.25 Further than this the data provided in paragraph 5.16 would indicate that in its current form the application site does not meet the current appropriate noise guidance levels.
- 1.26 It is our opinion that the assessment should consider the potential impact of the development based upon the BS:8233 and WHO criteria.
- 1.27 The assessment











Severn Trent Viator

etter from Severn Trent Water

11 September 2014

Mr Pat Burrows Cause Meadows Resident minos peres di registro por aprez entra Por antinoni e o proportiono minos altro

To star www.wespithersts.stp www.elwespits.stp.

Drag Mr Bi Tows

RE Proposed Traveller Site at Stretford Road, Warwick

Thank you for your letter dated 04th September 2014 addressed to Corporate Responsibility. Severn Trentinaling box which has been passed to mo for my after bon.

To give you alout of packground as to new STW has become involved in this issue it may be neglet for you to know that originally our consultants advocated when Warwick's draft book Plan was issued it to tive should consider promoting oil land for future employment like. Warwick District Council subsequently agreed the sites suitabling and encouraged us to promote the land through the Council social Plan process. As owners of land at Strafford Rhad themselves, the Council and arother oce land owner encouncil their architectures.

However, to our complete surprise WCC have indisequently attended us that they wish to see part of the future employment drive openent set as deito accommodate a Traveller odn.

I can inverting that S. Withes not agreed with the Count. To provide any land to fanctate such a own and furthermore we have not controlled to majign the Chedon Sandeire to enable too Journal to use their own and for soon alloss.

We will in fact be making formal representations to the Council at the appropriate time stating that we believe this to be a while y inappropriate use to have alongsish a regit quality employment development and that only uses consistent with a bigh quality office environment should be a consistent.

makin at the above is no afterto you

March .

Yours to recere v

িল্য Pearca Director of Pro<u>perty Services</u> Ted (সংক্ৰানেন্ত্ৰীseverntrent coluk

> i degeneració i lingual de la seus respessión el terro y essento. Programma de la Sensentina di Jentra I santi a trasset o consider. La SAIZ Le en richisto de la Consideración de la Cons