Debra Weeks

From: Kristen Banks

Sent: Wednesday, 17 June 2020 10:46 AM

To:

Subject: RE: Extract from Environmental Protection Act 1994

Ηi

Thank you for your email. Council suggests that you engage an acoustic consultant such as the consultant you are liaising with to work with the production to provide an acoustic report (a subset of which is a noise management plan) on how to reduce noise to an acceptable level. This should include identification of all noise sources and noise mitigation measures. Council will then consider conditioning this as part of the approval of the provider of the approval of the support of the provider of the provi

If the acoustic consultant would like to talk to Environmental Health officer directly, including for a site visit, just let me know and this can be arranged.

Kind regards Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P+617 3829 8648

М





I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Wednesday, 17 June 2020 8:30 AM

To: Kristen Banks < Kristen.Banks@redland:qld.gov.au>

Subject: Fwd: Extract from Environmental Protection Act 1994

Next hurdle

Let's chat today. It's going to be hard to be inaudible at the boundary it seems. However I do believe we might be inaudible at the closest residence.

Is it worth us starting to communicate to residences soon and inviting them to join us as part of the filming? Or similar?

eureka

Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

1

Begin forwarded message:

From: <nsaa@bigpond.net.au>

Subject: Re: Fwd: Extract from Environmental Protection Act 1994

Date: 16 June 2020 at 12:58:22 pm AEST

To:

Hi

That criteria the council sent you says that the **Open-air Event** noise is to be **inaudible** at the **'boundary'** after **midnight**. I assume it is at the **boundary of the premises** where the activity is occurring ie your site. This will not be possible for any outdoor activity, cheering, equipment etc. I assume you will also have generators and refrigeration equipment, water pumps etc.

Have you received a permit for this activity? You may need to apply for a 'relaxation of the noise regulations' and the implementation of a 'Noise Management Plan' (NMP) to try identify any noise issues that may arise and try and minimise the impact of that noise. Also it would be advisable to notify the nearby residents of your intensions and devise a strategy to deal with any noise concerns or complaints, if they occur. This would also be part of a 'NMP'.

I think you may need to go back to someone with authority in council to try and sort this out for you. Just tell the the acoustical consultant doesn't think you will able to met that Openair event criteria after Midnight or probably even before midnight, for that matter. Maybe, there is an example of such a noise management plan for other similar tv show filming, you could try your contacts or even a goggle search.

If you have any queries do not he itate to contact me.

Thanks & Regards

(Acoustical Consultant)

Mob.

NSA Acoustics

PO Box 5163 Manly old 4179

email nsaa@bigpond net.au

From:

Sent: Tuesday, June 16, 2020 8:47 AM

To: Nsaa@bigpond.net.au

Subject: Fwd: Extract from Environmental Protection Act 1994

Thank you so much for looking into this for us. we are wanting to get audio readings from the site to ensure that we are able to comply with the environment guidelines that are in place. The guidelines are such that the readings should come from the boundary of the property. We'd also like to get readings or an assessment from the closest residential area. I've attached our site footprint below. The area's where the games are positioned is where the audience would stand and where the emissions would come from. Let's assume we will

have 150 audience cheering, clapping etc. There will also be a voice of god which will come through a PA system to guide our contestants. The address details are <u>240 South Street</u>, <u>Cleveland</u>.

The tv show is a reality format where contestants will compete in the worlds largest mini golf set. Audience members will cheer them on as they compete against each other in the supersized competition.

We will film between 8pm - 3am for 9 days straight in September however we need to start construction of the site next week so council are asking for this detail prior to us signing the lease agreement. I will forward you the audio report which was done by our sound operator. Council are requesting detail to show readings after midnight (around 3am) to show that we can keep the audio level to the below guidelines.

Is this enough detail to help? Regards Sent from my iPhone Begin forwarded message: From: **Date:** 2 June 2020 at 9:09:45 am AE Subject: Fwd: Extract from Environmental Protection Act 1994 Production Supervisor Eureka Productions Level 2, 67-69 Chandos Street, St Leonards, NSW 2065 Begin forwarded message: From: Kristen Banks Rristen.Banks@redland.gld.gov.au≻ Subject: Extract from Environmental Protection Act 1994 Date: 27 May 2020 at 4:51:44 pm AEST To: Hi

Contrary to Public Interest Page 3 of 148

440X Open-air events

- (1) An occupier of premises must not use, or permit the rise of the premises for an open-air event on any day—
 - (a) before 7a.m, if the use causes audible noise; on
 - (b) from 7a.m. to 10p.m, if the use causes poise of more than 70dB(A); or
 - (c) from 10p.m. to midnight, if the use causes noise of more than the lesser of the following
 - (i) 50dB(A);
 - (ii) 10dB(A) above the background level.
- (2) However, subsection (1) does not apply to licensed premises.
- (3) Also, subsection (1)(b) does not apply if—
 - (a) the premises is, or is part of, an educational institution; and
 - (b) the use of the promises for an open-air event is organised by or for the educational institution for non-commercial purposes of the institution.

Kind regards Kristen

Kristen Banks

Executive Officer

Community and Customer Services
Redland City Council

P +617 3829 8648

ΝЛ



I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

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Contrary to Public Interest Page 4 of 148

Debra Weeks

From: Kristen Banks

Sent: Friday, 21 August 2020 11:00 AM **To:** BSO Environmental Health

Cc: Danielle Fleming; Kylie Sharpe; Rod Baxter

Subject: FW: Holey Moley Temporary Event Permit and event management plan

Attachments: NMPv5 Holey Moley Rev..pdf; NSA Acoustics Report No. 734 18-08-2020 Iss No. 2

Rev.pdf; 20GCT0185_TMP01A.pdf; HM - Event management application

Importance: High

Hi team,

Please see attached some documentation pertaining to an incoming Temporary Entertainment Event application from Eureka Productions.

I have advised verbally and followed up in writing (trail below and email attached) with the production about needing the completed application form and payment – including the process for lodgement – but don't want to hold this up due to tight timeframes.

Documents received and attached include:

- Event Management Plan
- Acoustics Report
- Traffic Management Plan.

Kind regards Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P +617 3829 8648

М





I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Thursday, 20 August 2020 1:08 PM

To: Kristen Banks Kristen. Banks@redland.qld.gov.au>

Cc:

Subject: Re: Holey Moley Temporary Event Permit and event management plan

Hi Kristen,

Please find attached;

1

Traffic Report Noise Management Plan Acoustic Report

Don't hesitate to call if you have any questions.



Project delivery and advisory services

TRANSPORT | PROPERTY & BUILDING | RESOURCES & UTILITIES

M E

Level 18, 270 Adelaide Street Brisbane QLD 4000 | GPO Box 914 Brisbane QLD 4001 | ranbury.com.au | Linkedin | Townsville | Mackay | Brisbane | Sydney | Melbourne |

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From: Kristen Banks < Kristen.Banks@redland.qld.gov.au

Date: Wednesday, 19 August 2020 at 1:15 pm

To: Cc:

Subject: RE: Holey Moley Temporary Event Permit and event management plan

Thanks – we also need the permit application pleases

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P +617 3829 8648

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I acknowledge the traditional cuttodians of the lands and seas where I work. I pay my respects to Elders, past, present and future

From:

Sent: Wednesday, 19 August 2020 12:53 PM

To: Kristen Barks kristen.Banks@redland.qld.gov.au;

Cc:

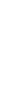
Subject: Re: Holey Moley Temporary Event Permit and event management plan

Hi Krister

I am just about to review the final acoustic report and will then send that and the traffic to you late today / early tomorrow.

Contrary to Public Interest Page 6 of 148

2







Contrary to Public Interest Page 7 of 148

Please see attached the Temporary Entertainment Event application Form, which will need to be completed and sent back to me with a cc to the BSOEnvironmentalHealth@redland.qld.gov.au inbox please.

Council is happy for you or the relevant contact to complete the form and starting senting through information as you receive it (for example, event management plan and attachments such as the acoustic report and noise management plan, full site map, production and show run, traffic management plan, etc.). That way we can start assessing the documentation as soon as possible.

All the other details to assist with the preparation of an event management plan are in the event information kit.

I'm happy to discuss if you have any questions.

Many thanks Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P+617 3829 8648

Μ



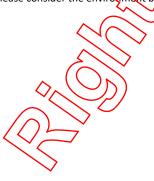


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Please consider the environment before you print this e-mail or any attachments.





7 August 2020

Our Ref: 20GCT0185_TMP01A

Your Ref:

Attention:

c/- Ranbury Management Group by email

Dear

RE: Holey Moley Event Traffic Management Plan

1. Introduction

Background

This letter provides details relating to traffic management of the Holey Moley miniature golf reality game show. The event will be held at 240 South Street in Thornands – co-located with the existing Redland City Council Animal Shelter and JJ Richards Depot as shown in Figure 1.1.



fgure 1.1: Site location (source: nearmap)

TTM Consulting Pty Ltd ABN 65 010 868 621 P 07 5514 8000

E ttmgc@ttmgroup.com.au

Seabank Building Level 7, Suite 701, 12-14 $\,\mathrm{N}$ Pde, Southport Qld 4215

ttmgroup.com.au



As part of the operational works approvals for the site, a new access road will be established to linking the site to South Street, around the northern boundary of the animal shelter. The site layout is shown the Civil Works drawing extract in Figure 1.2.

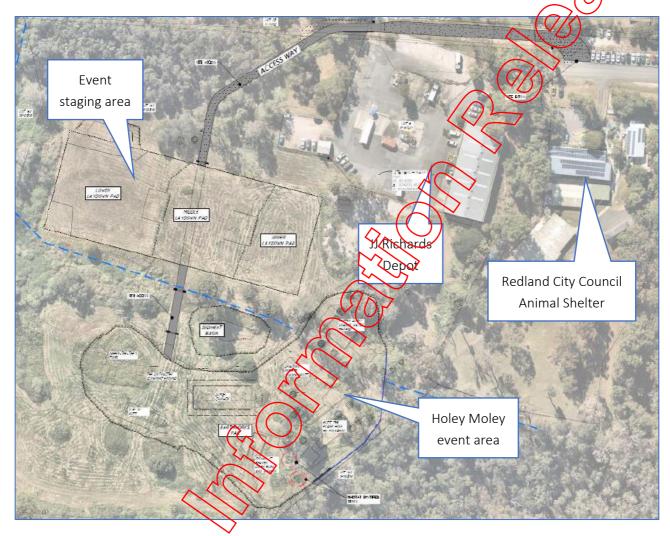


Figure 1.2: Site layout (source: civil works engineers)

Scope

This scope of this Traffic Management Plan includes the following:

- Description of Works
- Timing and delivery of project
- Access Routes

Impacts on the road and pedestrian networks



It is noted that this document sets the framework for the management of traffic during the event day, however, it is recognised that the plan may need to be reviewed and revised.

Objective of this Plan

The primary objective of this traffic management plan is to ensure safe and efficient movement of event related vehicles and pedestrians onto, off and around the site, while minimising disruptions, impacts and maintaining a safe environment for others not associated with the event.

Legislation and Design Standards

The ETMP and associated Traffic Guidance Schemes (TGS) have been developed in accordance with:

- The Manual of Uniform Traffic Control Devices Part 3 "Works on Roads" (MUTCD Part 3)
- Transport and Main Roads Technical Specification MRTS02 "Provision for Traffic"
- Traffic and Road Use Management Manual Volume 7 "Røad Works" (TRUM Vol.7)

Limitations of the Plan

This TMP considers the physical traffic and transport impact of the event on road users only. Impacts on other aspects of the built environment such as noise are not considered and may need to be assessed separately and incorporated, as necessary.

This ETMP is based on the advice/information provided by Hellium Three c/- Ranbury regarding proposed characteristics and requirements of the event program and activities. If any part of the characteristics or requirements changes, it may be necessary for the ETMP (and TGS's) to be amended.

Project Specifics

The following provides an event activity summary, which will be further discussed in Chapter 2:

- The event is planned to take place over a 10 day period in late September 2020;
- Filming of the event is proposed to take place from 6pm to 4am;
- The event will be held solely within the identified event and staging area (refer Figure 1.2);
- Peak attendamoe is expected to be 100 visitors/public, plus film crew;
- Visitors will be transported in by mini-bus from a nearby hotel; and
- Event staff \traffic marshals will be engaged to direct the flow of traffic and visitors.

Traffic Management Accreditations

7a ple 1.1 outlines the accreditations for traffic management (as per MUTCD Part 3).



Table 1.1: Traffic Management Accreditations

Position	Accreditation - minimum	Responsibilities
Traffic Manager	TMD (Traffic Management Design course)	Oversee traffic management and traffic control requirements of the project
Traffic Signs Auditor	TMD (Traffic Management Design course)	Conduct inspections and prepare reports in relations to traffic management plans and worksites
TGS Designer	TMD (Traffic Management Design course)	Design, Prepare and submit works application to BCC for approval
Traffic Signs Installer	TMI (Traffic Management Implement course)	Implement treffic guldance schemes without supervision
Traffic Controller	Level 1 (Working in proximity of traffic course)	Operate stop and go and control traffic at a work site

Key Personnel and Contact Details

The responsibilities for traffic management issues are as follows:

Project Manager

Senior Project Manager

Ranbury Management Group

Traffic Engineer

Associate Director

TTM Consulting Pty Lt

DTMR TMD (QP 28)

2. Traffic Management Strates

Introduction

This Chapter provides details on the Traffic Management Strategy for the event for both vehicles and pedestrians and a review of any potential road safety concerns as a result of the event, including;

- a review of the site access and parking demands,
- public transport access,
- staffing of the event,
- Service vehicle access,
- emergency vehicle parking and emergency areas.

4



Site Access & Parking

Access to the site will be from a new sealed roadway connecting the internal staging area to south street. The roadway will be used by filming crew and site personnel to bring in equipment and show personnel.

No public vehicles are permitted to enter the site – mini buses transporting in the public excepted. Parking for crew and personnel will be permitted to park their vehicles within the event staging area. Mini buses will drop off and pick up passengers within a dedicated area of the event staging area to ensure they do not access restricted areas such as the filming crew parking.

Signage at the entry will advise of no public access out of hours. During operational hours a gate marshall will be in place to control access into the site.

Public Transport

As noted above, mini buses will be used to shuttle in the public from an external location. There are expected to be a maximum of 100 public visitors and as such the Nelium Three will provide minibuses (up to 24 persons per vehicle) to shuttle visitors to and from the site?

It is envisaged that there will be two buses that make two round trips between the site and the external meet location. This will limit the impact on the public network and will also allow staging of persons coming to and leaving the site.

At the time of receiving confirmation to attend the event, the public will be advised of the restrictions to site access and the location of pick up – this will minimise any potential for persons to drive to the site. Those that do will be turned away by the gate marshall.

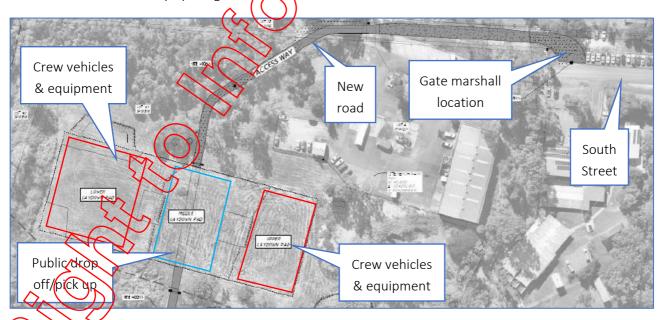


Figure 2.1: Site access and parking



Temporary barriers shall be used to maintain separation of the public and crew areas.

Service Vehicles

The event organiser will be responsible for engaging a private contractor to collect waste generated by the event in addition to the provision of on site amenities for the all persons on site.

Service vehicles will access via the new road from South Street. It is expected that waste will be collected over the course of the 10 day filming period and collected at the point of closing down the site. No service vehicle access, other than that associated with the filming will require access dyring the 10 day filming period.

It is expected that there may be a mobile food and drink van in attendance – this will be permitted access via the gate marshall prior to the public reaching site to limit vehicle movements when the public are on site.

Emergency Vehicles

At no time will roads or traffic lanes be blocked to the extent that emergency vehicles are unable to access or egress the area. Emergency Services will be advised when any changes are made to the existing traffic management within the area – as per standard approval requirements.

Ambulance and emergency vehicles with flashing lights and sirens activated in the vicinity of the site <u>must</u> be given priority passage at all times.

Event Signage

Event signage will be provided at the site entrance. Refer to attached TGS.

Traffic Controllers

A traffic controller (and associated signage) will be in position on South Street prior to the site access to ensure only bona fide vehicles travel along South Street.

Event Marshals/Security

It is proposed for two marshals/security to be provided at the site entry from South Street and at the internal end of the access road. Priority to entering vehicles shall be given to limit stopping on the public network – they will be in radio contact with the Traffic Controller.

Site personnel with positioned throughout the site to control public movement.

Redlands Animal Shelter & JJ Richards Depot

The adjacent animal shelter will not be impacted by the event. It is noted that filming is due to take place between 6pm and 4am for a period of 10 days. The animal shelter is accessible by the public Monday through Friday between 8:30am and 4:30pm and between 9am and 12pm on weekends.



The waste depot is central to several commercial and domestic hubs and is generally used for overlight storage/parking of waste vehicles. No waste is deposited at the site.

Whilst filming will take 10 days, the set up will be carried out on the few days prior to commending filming. During this time a gate marshall will be placed at the site access to ensure that those visiting the shelter or the depot do not inadvertently enter the site by mistake.

Operating times of the shelter and the depot do not conflict with the event filming loves.

There will be no road closures and access to the shelter and depot will be mained at all times.

Permits

Prior to implementation of any road closure or placement of signage, approvals will be sought from RCC and QPS as required.

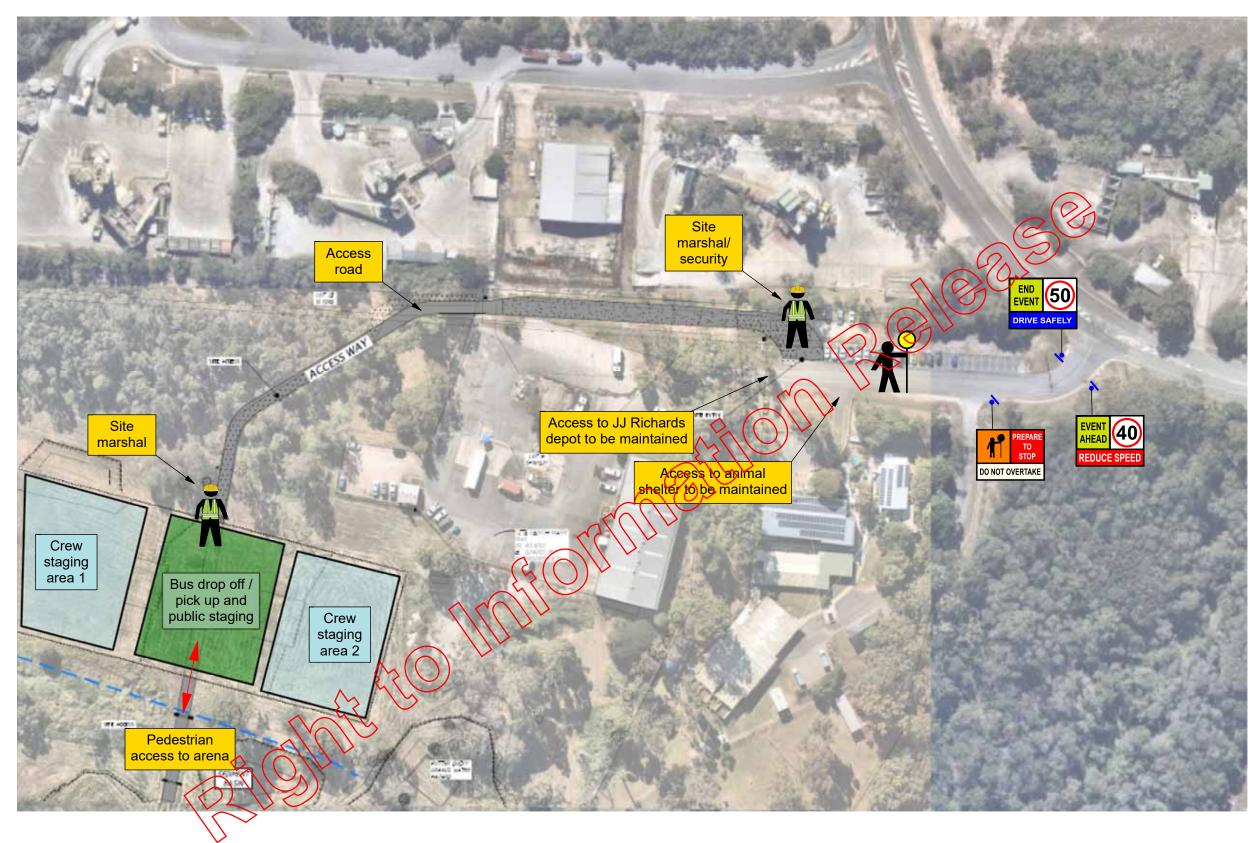
I trust the information contained herein is sufficient for your purposes) If you require any further information or clarification of any issues, please contact me by phone on 02 5514-8000 or by email at

Yours sincerely,

Associate Director | RPEQ 16879

TTM Consulting Pty Ltd

7



NOTES

- 1. This diagram should be implemented in accordance with MUTCD Part 3 Works on Roads.
 2. Sign location shall be verified on site and signs shall be installed in accordance with this TGS and MUTCD requirements.
 3. Where signs are mounted on posts they should be erected in accordance with MUTCD Part 3 Clause 2.5.2.
 4. No works that represent a hazard to vehicular or pedestrian movement are to occur prior to the erection of signage or control devices detailed in this plan. No related signage or control devices are to remain after project completion.
 5. Traffic control devices and signs shall be placed in the most safe and practicable location available.
 6. Where present, traffic controllers are to identify and maintain escape route.
 7. The use of hand held 2-way UHF radios is mandatory to communicate between traffic controllers and site vehicles.
 8. It is the responsibility of the person in control to ensure that all documentation and signage is checked and that all works are conducted in accordance with the MUTCD.



TTM CONSULTING PTY LTD

ABN 65 010 868 621 SEABANK BUILDING, SUITE 701 12-14 MARINE PARADE, SOUTHPORT QLD 4215

T: (07) 5514 8000 F: (07) 5514 8144 E: ttmgc@ttmgroup.com.au W: www.ttmgroup.com.au

HELIUM THREE PTY LTD **HOLEY MOLEY EVENT MANAGEMENT PLAN**

TRAFFIC GUIDANCE SCHEME



PROJECT N	D.		DRAWING NO.		REVISION
20G	CT01	85	TGS-0	1	Α
DATE 04 AU	G 2020	ı	SCALE DO NOT	SCA	LE
DESIGN IB	DRAWN IB	снеске В	DESIGN APPROVA Approver: Qualification:	I.Black	

EVENT NOISE MANAGEMENT PLAN

Eureka Productions

'Holey Moley'

240 South Street Thornlands

1.0 EVENT DESCRIPTION

Television series called "Holey Moley"

This television series is a reality sport/ game show, whereby Contestants compete on a miniature golf course which is 'larger than life'. The miniature golf course is full of adventurous challenges that will leave the viewers at the edge of their seats.

Location of event:

The Filming will take place at 240 South Street, Thornlands, QLD, 4164.

Nearest crossroad is Enterprise Street, Thornlands, LQD, 4164

Neighbouring businesses include Animal Welfare, Boral Concrete, Combined Building concepts, JJ Richards Waste depot

Event dates and times:

Filming Setup / Rehearsal dates: 15 September 2020 – 29 September 2020

Filming Setup / Rehearsal times: 0700 – 1900 approximate

Filming Dates: 30 September 2020 – 10 October 2020 (excluding 4th and 5th October 2020)

Filming times: 1600 - 0400

Bump out dates: 11th October 2020 – 16 October 2020

Bump out times: 0700 – 1900 approximate

Environmental Approvals and Reports are currently with Redland City Souncil

Identified Noise Issues

Setup / bump in:

Trucks delivering infrastructure and gaming pieces

Filming:

Vehicle traffic noise;

Generator and plant noise;

Spectator and Competitor noise

Gaming noise (referenced to specific games being: The Distractor and Clowning

Around)

Bump out:

Trucks delivering infrastructure and gaming pieces

2.0 AIMS

To minimise the impact of noise from the filming of the 'Holey Moley' television show onto the surrounding residential areas.

To comply with the 'Acoustic Quality Objectives' from the Environmental Protection (Noise) Policy 2008



3.0 NOISE MANAGEMENT AND ACOUSTIC TREATMENT

Based upon the recommendations of the approved noise impact assessment the following acoustic treatments and management controls are recommended.

3.1 Vehicle Traffic noise

- Ensure trucks used to haul gaming pieces enter and exit during daytime hours
- Busses or coaches to transfer crew / contestants / audience members when able, practical and safe to do so in order to minimize the frequency of vehicles coming in and out of the area.

3.2 Generators and Plant

- Choosing generators and other plant equipment with a low sound power output rating.
- Fitting exhaust silences to generators.
- Acoustically screening generators to dwellings to the east and south
- Locating generators away from noise sensitive places to the east

3.3 Spectator and Competitor Noise

- < 100 Spectators bused in from off-site location</p>
- Orientate spectators to the north west after midnight
- Film particularly 'noisy' events before midnight where practical
- Control the intensity of the crowd cheering and competitors after midnight.

3.4 Gaming noise

- Game pieces identified as: The Distractor and Clowning around, have noise elements
 associated with the game such as a Mariach band playing or whip cracking sounds or circus
 themed sound effects
- These two games will be scheduled to be filmed before 10pm on filming nights if noise levels
 can't be controlled to achieve the aims of the NMP.

3.5 Community Notification

- Local businesses and residents within a 1km radius of the filming site will be informed of the filming by letter drop.
- 1km Radius from the filming a ea includes the following streets:



South Street up to Wellington Street

Interprise Street Namingo Crescent Swallow Street Noney Eater Court

Bluebird Drive Weippin Street 9Mater Hospital and Bayside Park Early Education Centre

Cockateil Court eachface Court Lorikeet Drive Brindabella Circuit Davenport Street Angliss Circuit

Kidman Circuit Goddard Road Glencoe Street Rowe Crescent Lewis Street Allary Street Walter Drive Gofrey Street Mcpherson Street

Congreve Crescent Abraham Street Bygraves Street Daughtrey Street Lochridge Street

Example Leaflet/Letter as seen in Appendix A.

4.0 COMPLAINT RESPONSE

4.1 Contact Details

4.2 Reporting Actions

- Contact details and address of complainant
- Time the noise occurred
- How often did the noise occur
- Type of noise e.g. spectator, competitor, generators or other (i.e. may be from another source not associated with the event)
- Effect on complainant e.g. can't get to sleep, waking response, annoying etc.

4.3 Corrective Actions

- Identify source and level of noise
- Take corrective actions i.e. acoustic treatments or management controls
- Inform complainant of corrective actions and assess effectiveness for resolution.

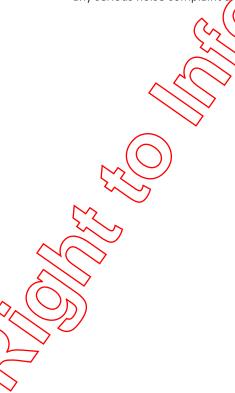
5.0 NOISE TESTING AND MONITORING

5.1 Testing

- Onsite measurement of plant and equipment noise prior to filming event.
- Measurement and assessment of operational noise at the start of the event.
- Onsite investigation into any serious noise complaint.

5.2 Monitoring

 Continuous noise logging over the duration of the event to be conducted at 3 locations at nearest noise sensitive locations to the east, south and west. This is to aid any investigation of any serious noise complaint and to dismiss frivolous complaints.



Noise Management Plan Holey Moley 240 South Street Thornlands

18/08/2020

Appendix A

Eureka Productions

DATE

Dear Resident/Tenant

This letter is to inform you that, Eureka Productions will be filming scenes for the television series "Holey Moley" at 240 South Street, Thornlands from approximately 4pm to 4am on 30 September 2020 to the 11 October 2020.

"Holey Moley" is produced by Eureka Productions and "is a reality sport/game show, whereby Contestants compete on a miniature golf course which is 'larger than life'. The miniature golf course is full of adventurous challenges that will leave the viewers at the edge of their seats. As the competition moves from one outrageous challenge to the next, our competing miniature golf enthusiasts will be knocked out of the course one crazy hole at a time - leaving only one winner..."

We are aware that noise associated with this event may be audible at the surrounding homes during the night, as a consequence we have engaged a qualified and experienced professional acoustical consultant to conduct a noise assessment of our operations and advise on a Noise Management Plan to achieve the 'Acoustic Quality Objective' of the Queensland Environmental Protection (Noise) Policy 2008. This is to ensure that the potential for significant adverse effects from noise during the filming of the production is minimised over the 12-day period.

If you have particular concerns, please call 0438 150 32. Rest assured that we will do everything possible to minimise the impact of our activities on you neighbourhood.

Be a part of the Fun:

If you would like to be a part of the tun and join in as an audience member please contact the for details for what will be a night of great entertainment and wonder. We hope to see you there.

Thank you in advance for your under tanding and cooperation.

Should you have any queries on the day of filming, please contact our onsite location/production manager,

Noise Management Plan Holey Moley 240 South Street Thornlands

18/08/2020

Page 21 of 148

Proposed 'Holey Moley' Television Production

240 South Street Thornlands

Noise Impact Assessment

For Eureka Productions Pty Ltd

Report No.734 Issue No. 2 18 August 2020

NSA Acoustics

Noise Surveys & Acoustic Assessments

Contents

- 1.0 Site Details
- 2.0 Proposal
- 3.0 Applicable Legislation
- 4.0 Noise Criteria
- 5.0 Procedures
 - 5.1 Equipment
 - 5.2 Measurement Procedures
- 6.0 Results
 - 5.3 Noise Limits
 - 5.4 Source Levels
 - 5.5 Predicted Noise Impacts
- 6.0 Noise Management Plan
- 7.0 Conclusions

Appendix:

Figure 1 Aerial (1 page)

Figure 2 Proposed Site Plan (1 page)

Noise Survey Chart ML1 (1 page)

Spreadsheet Predicted Impacts (2 pages)

Document Prepared By:

NSA Acoustics

PO Box 5163 Manly Qld 4179 Ph (07) 3393 5667 Fax (07) 3393 4493

Email: nsaa@bigpond.net.au

Report No. 734 Issue No. 2 18/08/2020

Report No. 734 Issue No. 2 240 South Street Thornlands

18/08/2020

1.0 SITE DETAILS

Description

Lot 161 on SP101318

Address

240 South Street Thornlands

The site has a total site area of 69,720m2. It is irregular in shape with vehicle access from South Street at the north-east corner of the site. The site currently domains the Redland City Council Animal Shelter, including a number of administrative buildings, kennels and car parking areas. The site is surrounded by a mix of land uses including industrial uses to the north and conservation spaces and parkland to the south, east and west. The nearest noise sensitive uses are low medium density residential areas 150m to the east: 400m south, 950m west and 1350m to the north. Refer to Figure No. 1 'Aerial' for site details.

The site is zoned as a 'Community Facilities Zone'. the purpose of which "is to provide for community related activities and facilities that meet the needs of the existing and future users."

2.0 PROPOSAL

The proposal is to develop the site for the production of the television show 'Holey Moley'. This television series is a reality spert game show, whereby Contestants compete on a miniature golf course which is 'larger than life'. The miniature golf course is full of adventurous challenges that will leave the viewers at the edge of their seats.

The set and equipment for the show will temporarily use the south-east portion of the site. Spectators and competitors are to be based to and from the site. Refer to Figure 2 'Site Plan' for indicative details.

Event dates and times:

Setup / Rehearsal dates: 15 September 2020 – 29 September 2020

Setup / Rehearsal times: 0706 – 1900 approximate

Filming Dates: 30 September 2020 – 10 October 2020 (excl. 4 and 5 Oct 2020)

Filming times: 1600 - 0400

Bump out dates: 11 October 2020 – 16 October 2020

Bump out times: 0700 - 1900 approximate

Noise from the firming and competition includes shouting from competitors; shouting and cheering from the spectators; as well as noise from 8, generators used on-site and gaming noise (referenced to specific games being: The Distractor and Clowning Around). The use of amplified devices is restricted to site orientation and organizational announcements upon arrival on the site between 5pm to 7pm.

3.0 APPLICABLE LEGISLATION

The following codes, policies and standards are referenced in this assessment.

Redland City Council

- Community Facilities Zone Code
- PSP 6 Planning Scheme Policy Environmental Emissions

Queensland Government

- Environmental Protection Act 1994
- Environmental Protection (Noise) Policy 2008

Australian Standards

AS1055:1997 Acoustics – Description and Measurement of Environmental Noise Parts 1 to 3.

4.0 NOISE CRITERIA

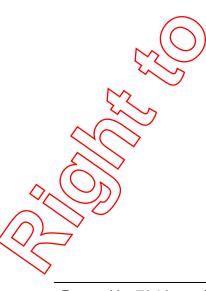
4.1 Redland City Council

The criteria for noise impacting onto the surrounding residential areas from the proposed development are pursuant to Performance Outcome PO4 and Acceptable Outcomes AO4.1 of the RCC 'Community Facilities Zone Code' as presented in Table No. 1.

For development that is accepted subject t development	o requirements and assessable
Performance Outcomes	Acceptable Outcomes
PO4	AQ4.1
	Development achieves the acoustic quality
	objectives stated in the Queensland
odour, vibration, air or light emissions	₹nvironmental Protection Act 1994:
	Environmental Protection (Noise) Policy
	2008: Schedule 1.

Table 1: Performance Outcome PO4 and Acceptable Outcomes AO4.1 of the RCC 'Community Facilities Zone Code'

In addition Part 6.3.2.2 Alternative Noise Criteria of PSP 6 — 'Environmental Emissions' states 'Where noise criteria cannot be achieved the comparison of like parameters can be applied.'



4.2 Queensland State Government

4.2.1 Environmental Protection Act 1994

The Redland City Council advised that the applicable criteria for the production, is the 'Open Air Event' criteria from Queensland Environmental Protection Act 1994 as follows.

The open-air event criteria applies to the noise from the event occurring competition such as spectators cheering as well as amplified music and voice

'440X Open-air Events

- (1) An occupier of premises must not use or allow the use of the premises for an open-air event
 - (a) Before 7 a.m. on any day if the use causes audible notse; or
 - (b) From 7 a.m. to 10 p.m. on any day if the use causes noise of more than 70dB(A); or
 - (c) from 10p.m. to midnight if the use causes noise of more than the lesser of the following
 - (i) 50 dB(A);
 - (ii) 10 dB(A) above the background neise level.'

4.2.2 Environmental Protection (Noise) Policy 2008

The noise criteria for the proposed facility are summarised under Schedule 1 'Acoustic Quality Objective' of the Environmental Protection (Noise) Policy 2008 is presented in Table 2.

Operational noise includes noise from onsite vehicles, plant and equipment as well as spectator, competitor and gaming noise.

Column 1	Column 2	Column 3			Column 4
Sensitive receptor	Time of Day	Acoustic quality objectives (measured at the receptor) dB(A)			Environmental value
		Aeq,adj,1hr	L _{A10,adj,1hr}	L _{A1,adj,1hr}	
dwelling (for outdoors)	daytime and evening	50	55	65	health and wellbeing
dwelling (for indoors)	daytime and evening	35	40	45	health and wellbeing
£2	hight-lime	30	35	40	health and wellbeing, in relation to the ability to sleep

Table 2: The acoustic quality objectives for dwellings from Schedule 1 of the EPP (Noise) 2008.

5.0 PROCEDURES

5.1 Equipment

The following instruments were used to measure the ambient noise levels used in this assessment.

 Rion NL21 sound level meter (Calibration: Before/After = 94.0/944.0 dB)

5.2 Measurement Procedures

Ambient sound pressure levels were determined in accordance with Australian Standard AS1055:1997 'Acoustics – Description and Measurement of Environmental Noise Parts 1 to 3'.

An environmental noise logger was installed at Measurement Location ML1 from Tuesday 28/07/2020 to Wednesday 29/07/2020 to quantify the ambient and background noise levels. The logger was programmed to measure A-weighted noise levels in 15-minute intervals, at 'fast' response. ML1 was located, 30m from the south and 80m from the west boundaries. Refer to Figure No. 1 for ambient noise survey location. This site was chosen to be representative of the ambient noise environment in the area. The climactic conditions during the survey were clear and suitable for ambient noise logging.

5.3 Predicted Impacts

Predicted noise impacts from the external noise sources generated by the production are derived from the following equation.

$$SPL_{(RL)} = (SPL_{(Source)} - [A_{(Distance)} + Corrections]) + Reflections$$

where: SPL_(RL) is the resultant sound pressure level at the receptor location;

SPL_(Source) is the sound pressure level of the source; A_(Distace) is attenuation due to geometric divergence;

Corrections is e.g. directivity; topography; ground effects; atmospheric

conditions; and

Reflections - A correction of +2.5 dB is applied where appropriate to

account for façade reflection.

Distance attenuation is derived from the following equation based upon the source levels measured.

$$Lp,RL = Lp,ML - 20 log10(Ds/Dr)$$

where: Lp,RL is the resultant sound pressure level at the receptor location;

Lp,ML is the sound pressure level of the source at (Ds);

Ds is the distance from the source to the reference level (Lp,ML); and

→Dr is the distance from the source to the receptor location (RL).

A loss of 5 dB(A) is assumed for opened windows and doors and a loss of 15 dB(A) is assumed for closed windows and doors.

6.0 RESULTS

6.1 Ambient Noise Levels and Limits

The typical average ambient and background noise levels measured at ML1 are presented in Table 3. The ambient noise in the area is dominated by noise from; industrial uses as well as wildlife. Background noise, is dominated by vehicle movements on the surrounding road network and plant noise from industry.

Time	L _{Amax,15min}	L _{A01,15min}	L _{A10,15min}	L _{Aeq,15min}	LAgo 1 Smin
Night 10pm to 7am	54.5	44.5	38.4	37.4	33,3
Day 7am to 6pm	65.2	55.6	47.0	46.5	39 .2
Evening 6pm to 10pm	52.2	43.7	39.1	37.4	34.4

Table 3: The average ambient and background noise levels recorded at MLY

Time	SPL Limit dB(A)
7am to 10pm	70
10pm to Midnight	40
Midnight to 7am	do aydible

Table 4: Noise limits at noise sensitive boundary from the 'Open Air Event' criteria from Queensland Environmental Protection Act 1994.

6.2 Source Levels

The typical source levels used in this assessment for external activities associated with the production are presented in Table 5 Spectator cheering includes clapping and vocalising. It should be noted that the source levels used are from excited barracking less exuberant cheering would result in lower levels than used in this assessment. Noise from generators will depend on the type of the generators used. It has been advised that the generators are to be of low sound power output and fitted with silencers. The typical level from mid-range is used in this assessment.

Source	Source Distance (m)	L _{A01,adj,T} dB(A)	L _{A10,adj,T} dB(A)	L _{Aeq,adj,T} dB(A)
Competitor Vocalising	(())1	95	90	84
Spectators (<100) Cheering	30	79	70	65
Spectator Shouting	1	95	90	84
Spectator Clapping	1	84	82	77
Generators (Silenced)	1	77	76	75
Generators (x8) (Silenced)	1	86	85	84
Onsite Vehicles & Set up	5	70	63	61

Table 5: Typical on-site noise levels.

6.3 Predicted Impacts

Predicted impacts take into account distance attenuation, topographical and ground effects as well as atmospheric conditions. Table 6 presents the predicted noise impacts from external noise sources at the nearest noise sensitive property boundaries. Predicted noise levels are below the 'Open Air Event' limits from 7 am to 10 pm but exceed the noise limits from 10 pm to 7 am since noise events may be audible between midnight and 7 am.

		г -		
Source	Receptor Location	L _{A01,adj,T} dB(A)	L _{A10,adj,T} dB(A)	LAed,adj,T dB(A)
Competitor Vocalising	1	45	40	34
Spectators (<100) Cheering	1	59	50 (🗸	45
Spectator Shouting	1	45	40	34
Spectator Clapping	1	34	32	27
Generators (Silenced)	1	30	29	28
Generators (x8) (Silenced)	1	39	38	37
Onsite Vehicles & Set up	1	37	30	28
Competitor Vocalising	2	42	37	31
Spectators (<100) Cheering	2	56(47	42
Spectator Shouting	2	42	37	31
Spectator Clapping	2	31	29	24
Generators (Silenced)	2	27	26	25
Generators (x8) (Silenced)	2	J//)36	35	34
Onsite Vehicles & Set up	2	34	27	25
Competitor Vocalising	3	35	30	24
Spectators (<100) Cheering	3	49	40	35
Spectator Shouting	78	35	30	24
Spectator Clapping	3>	24	22	Below Background
Generators (Silenced)	3	20	Below Background	Below Background
Generators (x8) (Silenced)	3	29	28	27
Onsite Vehicles & Set up	3	26	19	17
Competitor Vocalising	4	32	27	21
Spectators (<100) Cheering	4	45	36	31
Spectator Shouting	4	32	27	21
Spectator Clapping	4	21	Below Background	Below Background
Generators (Silenced)	4	Below Background	Below Background	Below Background
Generators (x8) (Silenced)	4	25	24	23
Onsite Vehicles & Set up	4	23	16	14

Table 6: Predicted external operational noise impacts at the nearest noise sensitive property boundary.

Table 7 shows that the 'Acoustic Quality Objective' night-time internal noise limits are exceeded by noise from spectators cheering; competitors and the operation of generators inside dwellings to the east of the site (RP1) and by noise from spectators cheering to the south (RP2) with windows open. Noise impacts into dwellings to the west and north will be at or below internal night-time noise limits with windows open. Consequently due to the prevailing night-time atmospheric conditions as well as ground effects and low background noise levels, noise from the filming of the production may be audible inside dwellings at night to the occupants of dwellings within 1km with windows open.

Competitor Vocalising	Source Bosonton I					
Spectators (<100) Cheering	Source	Receptor Location	L _{A01,adj,T} dB(A)	L _{A10,adj,T} dB(A)	Aeq,adj,T	
Spectator Shouting	Competitor Vocalising	1	40	35 (7)	2 9	
Spectator Clapping	Spectators (<100) Cheering	1	54	45	40	
Senerators (Silenced)	Spectator Shouting	1	40	/(35)	29	
Generators (x8) (Silenced) 1 34 33 32 Onsite Vehicles & Set up 1	Spectator Clapping	1	29	27	22	
Onsite Vehicles & Set up 1 Competitor Vocalising 2 37 32 26 Spectators (<100) Cheering	Generators (Silenced)	1	25	24	23	
Competitor Vocalising 2 37 32 26 Spectators (<100) Cheering	Generators (x8) (Silenced)	1	34	33	32	
Spectators (<100) Cheering	Onsite Vehicles & Set up	1	7			
Spectator Shouting 2 37 32 26 Spectator Clapping 2 26 24 19 Generators (Silenced) 2 22 21 20 Generators (x8) (Silenced) 2 34 30 29 Onsite Vehicles & Set up 2 2 21 20 Competitor Vocalising 3 30 25 19 Spectator Shouting 3 30 25 19 Spectator Clapping 3 Below Below Background Below Background Below Background Below Background Generators (Silenced) 3 24 23 22 Onsite Vehicles & Set up 3 24 23 22 Onsite Vehicles & Set up 3 24 23 22 Onsite Vehicles & Set up 3 27 22 16 Spectators (<100) Cheering	Competitor Vocalising	2	37	32	26	
Spectator Clapping 2 26 24 19 Generators (Silenced) 2 22 21 20 Generators (x8) (Silenced) 2 31 30 29 Onsite Vehicles & Set up 2 31 30 29 Competitor Vocalising 3 30 25 19 Spectator Shouting 3 30 25 19 Spectator Clapping 8elow Background Below Background Below Background Below Background Generators (Silenced) 3 24 23 22 Onsite Vehicles & Set up 3 24 23 22 Onsite Vehicles & Set up 3 27 22 16 Spectators (<100) Cheering	Spectators (<100) Cheering	2	51	42	37	
Generators (Silenced) 2 22 21 20 Generators (x8) (Silenced) 2 31 30 29 Onsite Vehicles & Set up 2 2 2 2 Competitor Vocalising 3 30 25 19 Spectator Shouting 3 30 25 19 Spectator Clapping Below Background Below Background Below Background Below Background Generators (Silenced) 3 24 23 22 Onsite Vehicles & Set up 3 24 23 22 Onsite Vehicles & Set up 3 24 23 22 Onsite Vehicles & Set up 3 27 22 16 Spectators (<100) Cheering	Spectator Shouting	2	△37	32	26	
Generators (x8) (Silenced) 2 3t 30 29 Onsite Vehicles & Set up 2 30 25 19 Spectators (<100) Cheering	Spectator Clapping	2	26	24	19	
Generators (x8) (Silenced) 2 3t 30 29 Onsite Vehicles & Set up 2 30 25 19 Spectators (<100) Cheering	Generators (Silenced)	2	22	21	20	
Competitor Vocalising 3 30 25 19 Spectators (<100) Cheering 3 44 35 30 Spectator Shouting 3 30 25 19 Spectator Clapping 8 Below Background Spectator (x8) (Silenced) 3 24 23 22 Onsite Vehicles & Set up 3 22 Onsite Vehicles & Set up 3 22 Competitor Vocalising 4 27 22 16 Spectators (<100) Cheering 4 40 31 26 Spectator Shouting 4 27 22 Below Background Back	Generators (x8) (Silenced)	2		30	29	
Spectators (<100) Cheering 3 44 35 30 Spectator Shouting 3 30 25 19 Spectator Clapping Below Background Background Generators (Silenced) 3 Below Background Generators (x8) (Silenced) 3 24 23 22 Onsite Vehicles & Set up 3 Competitor Vocalising 4 27 22 16 Spectator Shouting 4 4 40 31 26 Spectator Shouting 4 4 40 31 26 Spectator Shouting 4 Below Background Spectator Clapping 4 Below Background Generators (Silenced) 4 20 19 18	Onsite Vehicles & Set up	2	(5/1/2			
Spectator Shouting Spectator Clapping Spectator Clapping Spectator Clapping Spectator Clapping Spectator Clapping Spectator Clapping Spectator Spectator (Silenced) Spectator (Si	Competitor Vocalising	3	30	25	19	
Spectator Clapping Below Background Spectators (x8) (Silenced) Competitor Vocalising A 27 22 16 Spectators (<100) Cheering A 4 40 31 26 Spectator Shouting Spectator Shouting Spectator Clapping A Below Background Background Below Background Background Below Background	Spectators (<100) Cheering	3 /	44	35	30	
Background	Spectator Shouting	3/	30	25	19	
Generators (Silenced) Generators (x8) (Silenced) Generators (x8) (Silenced) Competitor Vocalising Competitor Vocalising Spectators (<100) Cheering A Below Background A Below Background Below Background Below Background Competitor Vocalising A Competitor Vocalising A Competitor Vocalising A Competitor Vocalising A Below Below Background	Spectator Clapping	3				
Generators (Silenced) Generators (x8) (Silenced) Onsite Vehicles & Set up Competitor Vocalising Competitor Vocalising 4 27 22 16 Spectators (<100) Cheering 4 Spectator Shouting Spectator Clapping Generators (Silenced) 4 Below Background	Opeciator Glapping	4(\		Background		
Generators (x8) (Silenced) Onsite Vehicles & Set up Competitor Vocalising Spectators (<100) Cheering 4 4 5 5 5 5 5 5 5 5 6 6 6 6 6	Generators (Silenced)	3				
Onsite Vehicles & Set up Competitor Vocalising 4 27 22 16 Spectators (<100) Cheering 4 4 40 31 26 Spectator Shouting Spectator Clapping 4 Below Background Background Background Background Below Background Background Below Background	,	(\bigcirc)			•	
Competitor Vocalising 4 27 22 16 Spectators (<100) Cheering 4 40 31 26 Spectator Shouting 4 27 22 Below Background Spectator Clapping 4 Below Background Background Background Background Generators (Silenced) 4 Below Background	` ' ` ` ' \		24	23	22	
Spectators (<100) Cheering 4 40 31 26 Spectator Shouting 27 22 Background Spectator Clapping 4 Below Background Background Generators (Silenced) 4 Below Background Background Generators (x8) (Shenced) 4 20 19 18		_				
Spectator Shouting 4 27 22 Below Background Spectator Clapping 4 Below Background						
Spectator Shouting 27 22 Background Spectator Clapping 4 Below Background	Spectators (<100) Cheering		40	31		
Spectator Clapping 4 Below Background Background Background Generators (Silenced) 4 Below Background	Spectator Shouting	4	07	20		
Generators (Silenced) Generators (Silenced) Generators (Silenced) 4 Below Below Background Backg	, , , , , , , , , , , , , , , , , , ,	4				
Generators (Silenced) 4 Below Below Background Background Generators (x8) (Stlenced) 4 20 19 18	Spectator Clapping	4				
Generators (Silenced) Background Background Background Generators (x8) (Silenced) 4 20 19 18		4				
Generators (x8) (Stenced) 4 20 19 18	Generators (Silenced)					
	Generators (x8) (Stlenced)	4		•	·	

Table 7: Predicted external operational noise impacts inside nearest noise sensitive dwellings with windows open.

Table 8 shows that the predicted impacts from the production comply with the Acoustic Quality Objective' night-time internal noise limits with windows closed.

Source	Receptor Location	L _{A01,adj,T} dB(A)	L _{A10,adj,T} dB(A)	L _{Aeq,adj,T} dB(A) /
Competitor Vocalising	1	30	25	19
Spectators (<100) Cheering	1	44	35	30
Spectator Shouting	1	30	25	19
Spectator Clapping	1	Below Background	Below Background	Below Background
Generators (Silenced)	1	Below Background	Below Background	Below Background
Generators (x8) (Silenced)	1	24	23	22
Onsite Vehicles & Set up	1			
Competitor Vocalising	2	27	22	16
Spectators (<100) Cheering	2	41	32	27
Spectator Shouting	2	27	/22	16
Spectator Clapping	2	Below Background	Below Background	Below Background
Generators (Silenced)	2	Below Background /	Below Background	Below Background
Generators (x8) (Silenced)	2	21	20	19
Onsite Vehicles & Set up	2			-
Competitor Vocalising	3	Below Background	Below Background	Below Background
Spectators (<100) Cheering	3	1,34	25	20
Spectator Shouting	3	20	Below Background	Below Background
Spectator Clapping	3	Background	Below Background	Below Background
Generators (Silenced)	3	Below Background	Below Background	Below Background
Generators (x8) (Silenced)	3	Below Background	Below Background	Below Background
Onsite Vehicles & Set up	(3)	J	<u> </u>	
Competitor Vocalising		Below Background	Below Background	Below Background
Spectators (<100) Cheering	4	30	21	16
Spectator Shouting	4	Below Background	Below Background	Below Background
Spectator Clapping	4	Below Background	Below Background	Below Background
Generators (Silenced)	4	Below Background	Below Background	Below Background
Generators (x8)((\$ilenced)	4	Below Background	Below Background	Below Background
Onsite Vehicles & Set up	4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	g. 2 v.

Table 8: Predicted external operational noise impacts inside nearest noise sensitive dwellings with windows closed.

7.0 NOISE MANAGEMENT PLAN

Results of the noise impact assessment show, that noise from spectators and generators have the potential to impact adversely onto nearby noise sensitive dwellings at night. Noise from the production complies with the recommended noise limits to 10pm but exceeds the night-time noise limits pursuant to the Queensland Environmental Protection Act 1994. To reduce the potential for significant adverse effects the implementation of a Noise Management Plan (NMP) is recommended.

Redland City Council's Planning Scheme Policy PSP 6 states that A Noise Management Plan is required when potential noise nuisance can be effectively controlled through management measures. This allows an activity to be monitored and to ameliorate potential noise nuisance through documented processes which can be regularly reviewed and amended as per site requirements'.

A Noise Management Plan must include:

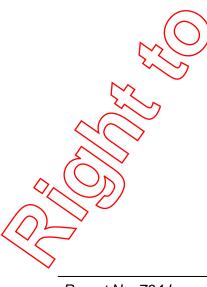
- (i) The intended noise reduction measures and their anticipated performance:
- (ii) Management measures include all noise control actions which rely on people to behave in a particular way. For example requiring staff to restrict certain activities to certain times or to intervene by classing doors or re-directing activities:
- (iii) Performance indicators, a review schedule and indicate the responsible person(s) for achieving the aim of the plan.

7.1 Generators

To reduce the potential for significant adverse effects of noise from generators it is recommended consideration should be given to the following:

- Choosing generators with a low sound power output rating.
- Fitting exhaust silences to generators.
- Acoustically screening generators to dwellings the east and south.
- Locating generators away from noise sensitive places to the east.

Noise from generators will depend on the type of the generators used. It has been advised that the generators are to be of low sound power output and fitted with silencers. The typical level from a mid-range generator that has been acoustically treated is used as the source in this assessment. It is advised that noise testing is conducted of the generators prior to filming to avoid potential adverse impacts.



7.2 Spectator and Competitor Noise

Noise from spectators, cheering and competitors shouting exceeds the internal nightime noise limits inside dwellings to the east and south but complies with the noise limits at dwellings to the west and north with windows open. Studies have shown that the direction the spectators are facing effects the propagation of the directivity of the noise. It was found that noise from behind the direction the spectators are facing is 6 dB(A) lower that at the same distance from in front of the spectators. Therefore to minimise noise impacts onto the nearest dwellings it is recommended that the spectators be orientated to facing from towards the north to the west of their position.

In addition the intensity of the cheering also has an effect on the noise level therefore it may also assist if the spectator and competitor reaction can be subdued by production crew crowd attendees after 10pm and especially from midnight. Consideration should also be given to the timing and sequencing of filming. Filming particularly noisy scenes or at the obstacles that are closer to the houses before midnight when practical.

7.3 Onsite vehicles, Bump in, Bump out and Set up

Noise from the loading and unloading of trucks and setting up equipment complies with the daytime noise limits at the nearest noise sensitive premises. Noise from the use of vehicles during the event will be audible at the nearest noise sensitive dwellings at night, but will comply with the 'Acoustic Quality Objective' night-time internal noise limits.

To reduce the potential for significant adverse effects of noise from onsite vehicle movements the following is recommended.

- Use visual alert systems on vehicles instead of alarms (e.g. reverse beepers)
- Busses or coaches to transfer crew, contestants and audience members, where
 practical and safe to do so in order to minimize the frequency of vehicles coming
 in and out of the area, after midnight
- Ensure heavy vehicles such as trucks enter and exit between 7am and 10pm
- Set up and pull down and resting to be conducted between 7am and 10pm

7.4 Gaming Noise

Game pieces identified as The Distractor and Clowning around, have noise elements associated with the game such as a Mariachi band playing or whip cracking sounds for the Distractor or circus themed sound effects for Clowning Around. To comply with the acoustic quality objectives the following management strategy is recommended.

- Noise from these gaming pieces will require assessment during rehearsals to confirm compliance.
- Should it be found that noise from these gaming pieces exceed the night-time noise limits then filming and operation of these games should be conducted prior to 10pm.

7.0 CONCLUSIONS

A noise assessment was conducted, to determine the impact of noise onto surrounding noise sensitive premises from the production of the television show 'Holey Moley' a mini obstacle golf course competition at 240 South Street Thornlands. The filming will occur over an 8-day period in the month of September 2020 between 6pm and 4am.

Noise from the production complies with the 'Open Air Event' criteria from Queensland Environmental Protection Act 1994 from 7am to 10pm but exceeds the night-time audibility criteria. Predicted noise levels also exceed the internal night-time 'Acoustic Quality Objective' of the Environmental Protection (Noise) Policy 2008 by up to 9 dB(A) at dwellings to the east and 6 dB(A) to the south. Noise from spectators and plant has the potential to cause an adverse reaction at high for noise sensitive people inside the dwellings within 1km of the location with windows open. However with windows closed predicted noise impacts comply with 'Acoustic Quality Objective' of the Environmental Protection (Noise) Policy internal noise criteria.

To minimise the potential for significant adverse effects from noise the implementation of a Noise Management Plan is recommended. The NMP should consider the careful selection, acoustic treatment as well as the placement and screening of generators and other plant equipment. Spectator and competitor noise can be ameliorated by the production crew that can control the level of intensity and orientation of the spectators and by filming particularly noisy sequences before 10pm where practical. The NMP is to include onsite noise testing of plant and equipment prior to commencement as well as a noise monitoring program to investigate and deal with complaints should any issues arise during filming. Community notification is also advised for residential areas surrounding the site. If residents are advised in advance of filming then they will not be surprised by a new noise being introduced into the area, thus reducing the potential for complaints or enquiries. A responsible person is also required to be nominated as a contact to deal with complaints and enquires.

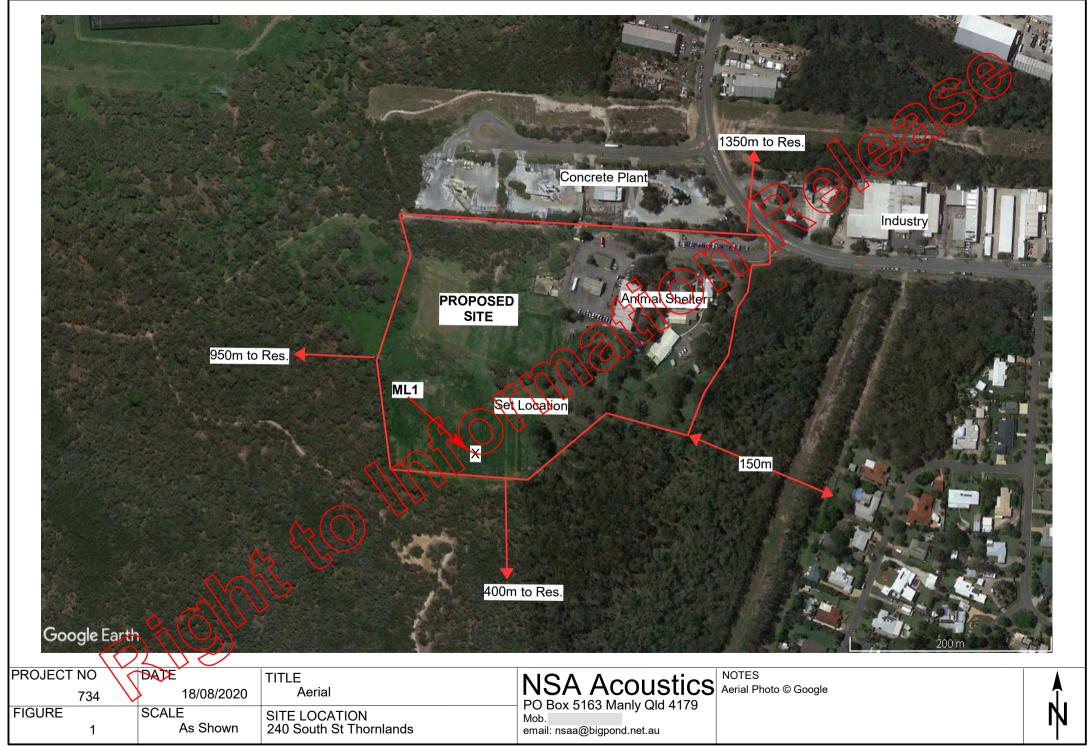
It is concluded that noise from the production of the 'Holey Moley' television show can be ameliorated and managed to minimise the potential for significant adverse effects into surrounding noise sensitive places and to achieve the 'Acoustic Quality Objective' of the Environmental Protection (Noise) Policy 2008.

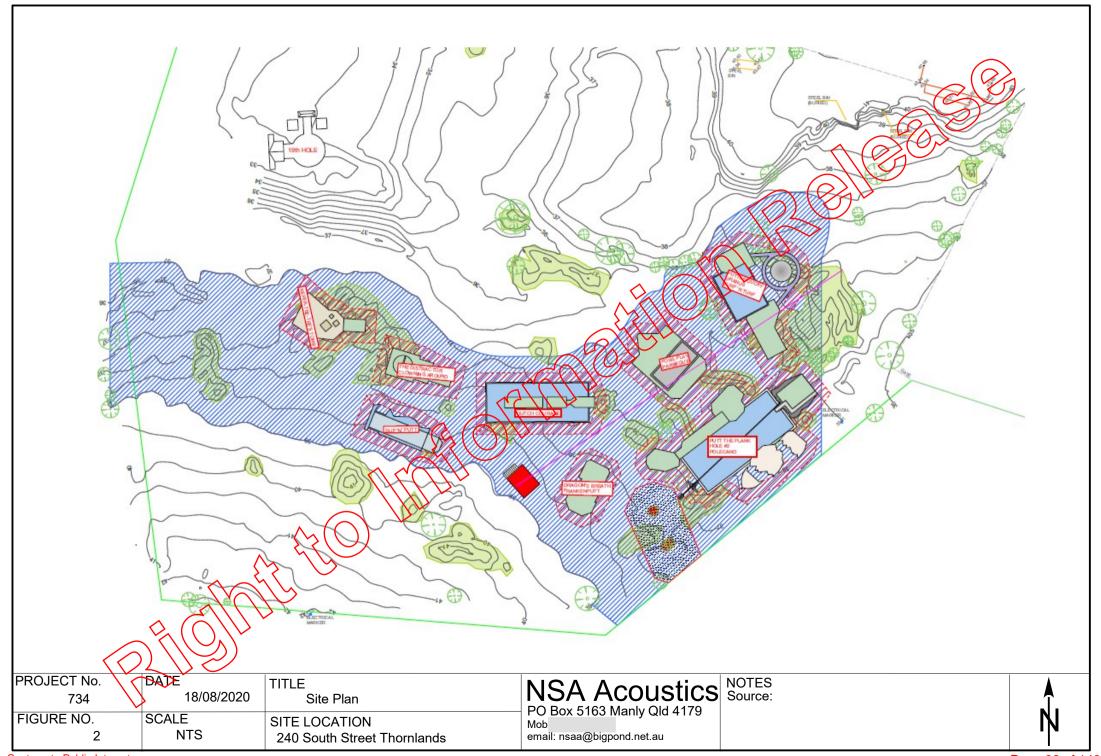
Prepared By

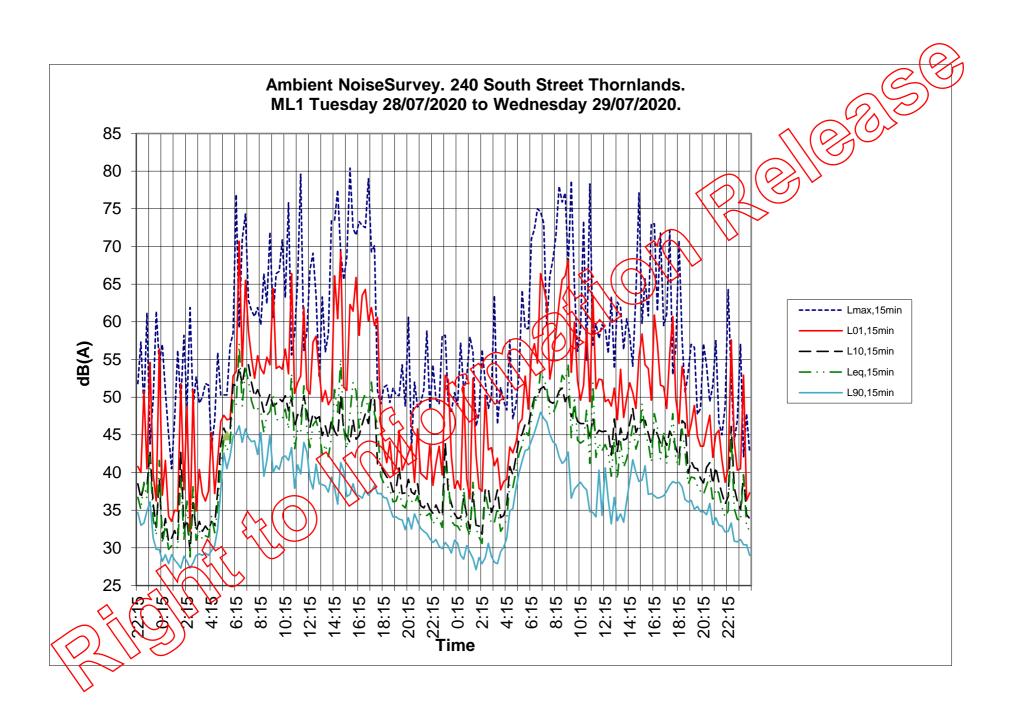
(Acoustical Consultant)

Report No. 734 Issue No. 2 240 South Street Thornlands

18/08/2020







Source	dB(A)	Units	(m)	Attenuation	RP1	Ref	Adj	Open	Closed
Competitor Vocalising	95	$L_{A01,adj,15min}$	300	-49.54242509	45	1	0	40	30
Spectators Cheering	79	$L_{A01,adj,15min}$	300	-20	59	30	0	54	44
Spectator Shouting	95	$L_{A01,adj,15min}$	300	-49.54242509	45	1	0	40	30
Spectator Clapping	84	$L_{A01,adj,15min}$	300	-49.54242509	34	1	0	29	19
Generators (Silenced)	77	$L_{\text{A01,adj,15min}}$	300	-49.54242509	30	1	0	25	15
Generators (x8) (Silenced)	86	$L_{\text{A01,adj,15min}}$	300	-49.54242509	39	1	0	34	74
Onsite Vehicles and Set-up	70	$L_{A01,adj,15min}$	300	-35.56302501	37	5	0	32	V/26) /
Competitor Vocalising	90	$L_{A10,adj,15min}$	300	-49.54242509	40	1	0	3/5	25
Spectators Cheering	70	$L_{A10,adj,15min}$	300	-20	50	30	0 /	45	3 5
Spectator Shouting	90	$L_{A10,adj,15min}$	300	-49.54242509	40	1	0	35	25
Spectator Clapping	82	$L_{A10,adj,15min}$	300	-49.54242509	32	1	9	27	17
Generators (Silenced)	76	$L_{\rm A10,adj,15min}$	300	-49.54242509	29	1	6(//24	14
Generators (x8) (Silenced)	85	$L_{\text{A10,adj,15min}}$	300	-49.54242509	38	1	19	233	23
Onsite Vehicles and Set-up	63	$L_{\text{A10,adj,15min}}$	300	-35.56302501	30	/5/ /) Lo-	7 25	15
Competitor Vocalising	84	$L_{Aeq,adj,15min}$	300	-49.54242509	34	M.	0	29	19
Spectators Cheering	65	$L_{Aeq,adj,15min}$	300	-20	45	30	> 0	40	30
Spectator Shouting	84	$L_{Aeq,adj,15min}$	300	-49.54242509	34	_1	0	29	19
Spectator Clapping	77	$L_{Aeq,adj,15min}$	300	-49.54242509	27		0	22	12
Generators (Silenced)	75	$L_{Aeq,adj,15min}$	300	-49.54242509	28	\1 [*]	0	23	13
Generators (x8) (Silenced)	84	$L_{Aeq,adj,15min}$	300	-49.54242509	37	√ 1	0	32	22
Onsite Vehicles and Set-up	61	L _{Aeq,adj,15min}	300	-35.56302501	(28)	5	0	23	13
Causas	-ID/A\	l luite	()	44	DDO	Def	A!:	0	Classel
Source	dB(A)	Units	(m)	Attenuation	RP2	Ref	Adj	Open	Closed
Competitor Vocalising	95	LA01,adj,15min	430	-52.66936911	7 42	1	0	37	27
Spectators Cheering	79 25	L _{A01,adj,15min}	430	-23/12694402	56	30	0	51	41
Spectator Shouting	95	L _{A01,adj,15min}	430	-52.66936911	42	1	0	37	27
Spectator Clapping	84	L _{A01,adj,15min}	430	52,66936911	31	1	0	26	16
Generators (Silenced)	77	LA01,adj,15min	430	-52,66936911	27	1	0	22	12
Generators (x8) (Silenced)	86	L _{A01,adj,15min}	430	-52.66936911	36	1	0	31	21
Onsite Vehicles and Set-up	70	L _{A01,adj,15min}	430	-3 8.68996902	34	5	0	29	19
Competitor Vocalising	90	L _{A10,adj,15min}	430	-52.66936911	37	1	0	32	22
Spectators Cheering	70	L _{A10,adj,1} smin	430	-23.12694402	47	30	0	42	32
Spectator Shouting	90	L 10,adj,15min	43/0	-52.66936911	37	1	0	32	22
Spectator Clapping	82	LA10,adj,15min	430	-52.66936911	29	1	0	24	14
Generators (Silenced)	76	AT0,adj,15min	430	-52.66936911	26	1	0	21	11
Generators (x8) (Silenced)	85	A10,adj,15min	430	-52.66936911	35	1	0	30	20
Onsite Vehicles and Set-up	63	A10,adj,15min	430	-38.68996902	27	5	0	22	12
Competitor Vocalising	84	Aeq,adj,15min	430	-52.66936911	31	1	0	26	16
Spectators Cheering	65	Xeq,adj,15min	430	-23.12694402	42	30	0	37	27
Spectator Shouting	(77)	L _{Aeq,adj,15min}	430	-52.66936911	31	1	0	26	16
Spectator Clapping Generators (Silenced)	, 75	L _{Aeq,adj,15min}	430	-52.66936911	24	1	0	19	9
Generators (x8) (Silenced)	73 V84	L _{Aeq,adj,15min}	430 430	-52.66936911	25	1 1	0	20	10
Onsite Vehicles and Set-up	61	LAeq,adj,15min	430	-52.66936911 -38.68996902	34 25		0 0	29 20	19 10
Orisite Verlicles and Set-up	01	LAeq,adj,15min	430	-30.00990902	23	5	U	20	10
	•								
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Source	dB(A)	Units	(m)	Attenuation	RP3	Ref	Adj	Open	Closed
Competitor Vocalising	95	L _{A01,adj,15min}	1000	-60	35	1	0	30	20
Spectators Cheering	79	L _{A01,adj,15min}	1000	-30.45757491	49	30	0	44	34
Spectator Shouting	95	$L_{A01,adj,15min}$	1000	-60	35	1	0	30	20
Spectator Clapping	84	$L_{A01,adj,15min}$	1000	-60	24	1	0	19	90
Generators (Silenced)	77	$L_{A01,adj,15min}$	1000	-60	20	1	0	15	5
Generators (x8) (Silenced)	86	$L_{A01,adj,15min}$	1000	-60	29	1	0	24	(04)
Onsite Vehicles and Set-up	70	$L_{A01,adj,15min}$	1000	-46.02059991	26	5	0	21	V(10) K
Competitor Vocalising	90	$L_{A10,adj,15min}$	1000	-60	30	1	0	25	7 /15
Spectators Cheering	70	$L_{A10,adj,15min}$	1000	-30.45757491	40	30	0 _	√ 35√.	2 5 2 5
Spectator Shouting	90	$L_{A10,adj,15min}$	1000	-60	30	1	0	25	15
Spectator Clapping	82	$L_{A10,adj,15min}$	1000	-60	22	1	9		7
Generators (Silenced)	76	$L_{A10,adj,15min}$	1000	-60	19	1	(o (//﴿14	4
Generators (x8) (Silenced)	85	$L_{A10,adj,15min}$	1000	-60	28	1	19	23	13
Onsite Vehicles and Set-up	63	$L_{A10,adj,15min}$	1000	-46.02059991	19	/﴿)	10	7 14	4
Competitor Vocalising	84	$L_{Aeq,adj,15min}$	1000	-60	24	10	0	19	9
Spectators Cheering	65	$L_{Aeq,adj,15min}$	1000	-30.45757491	35	30	√ 0	30	20
Spectator Shouting	84	$L_{Aeq,adj,15min}$	1000	-60	24	_1	0	19	9
Spectator Clapping	77	$L_{Aeq,adj,15min}$	1000	-60	17(\searrow	0	12	2
Generators (Silenced)	75	$L_{Aeq,adj,15min}$	1000	-60	18	1	0	13	3
Generators (x8) (Silenced)	84	$L_{Aeq,adj,15min}$	1000	-60	27	√ 1	0	22	12
Onsite Vehicles and Set-up	61	L _{Aeq,adj,15min}	1000	-46.02059991	(17)	5	0	12	2
Source	dB(A)	Units	(m)	Attenuation	RP4	Ref	Adj	Open	Closed
Competitor Vocalising	95	L _{A01,adj,15min}	1475	-63.37584041	32	1	0	27	17
Spectators Cheering	79	L _{A01,adj,15min}	1475	-33/88341534	45	30	0	40	30
Spectator Shouting	95	L _{A01,adj,15min}	1475	- <u>6</u> 3.375840 4 1	32	1	0	27	17
Spectator Clapping	84	L _{A01,adj,15min}	1475	63,37584041	21	1	0	16	6
Generators (Silenced)	77	L _{A01,adj,15min}	1475	-63,37584041	16	1	0	11	1
Generators (x8) (Silenced)	86	L _{A01,adj,15min}	1475	-63.37584041	25	1	0	20	10
Onsite Vehicles and Set-up	70	L _{A01,adj,15min}	1475	49.39644032	23	5	0	18	8
Competitor Vocalising	90	L _{A10,adj,15min}	1475	-63.37584041	27	1	0	22	12
Spectators Cheering	70	L _{A10,adj,15mj}	1475	-33.83341531	36	30	0	31	21
Spectator Shouting	90	La10,adj,15min	475	-63.37584041	27	1	0	22	12
Spectator Clapping	82	L _{A10,adj,15min}	1475	-63.37584041	19	1	0	14	4
Generators (Silenced)	76	ATO,adj, 15min	1475	-63.37584041	15	1	0	10	0
Generators (x8) (Silenced)	85	A10,adj,15min	1475	-63.37584041	24	1	0	19	9
Onsite Vehicles and Set-up	63	A10,adj,15min	1475	-49.39644032	16	5	0	11	1
Competitor Vocalising	84	Aeq,adj,15min	1475	-63.37584041	21	1	0	16	6
Spectators Cheering	65	Xeq,adj,15min	1475	-33.83341531	31	30	0	26	16
Spectator Shouting	84	L _{Aeq,adj,15min}	1475	-63.37584041	21	1	0	16	6
Spectator Clapping	$\left(\begin{array}{c} 77 \end{array}\right)$	L _{Aeq,adj,15min}	1475	-63.37584041	14	1	0	9	-1
Generators (Silenced)	75	L _{Aeq,adj,15min}	1475	-63.37584041	14	1	0	9	-1
Generators (x8) (Silenced)	V 84	L _{Aeq,adj,15min}	1475	-63.37584041	23	1	0	18	8
Onsite Vehicles and Set-up	61	L _{Aeq,adj,15min}	1475	-49.39644032	14	5	0	9	-1

From:

Sent: Thursday, 20 August 2020 1:21 PM

To: Kristen Banks

Subject: HM - Event management application

Kristen,

Message received and I'll chase up the form now.

Senior Project Manager



Project delivery and advisory services

TRANSPORT | PROPERTY & BUILDING | RESOURCES & UTILITIES

M E T

Level 18, 270 Adelaide Street Brisbane QLD 4000 | GPO Box 914 Brisbane QLD 4001 <u>ranbury.com.au</u> | <u>Linkedin</u> | Townsville | Mackay | Brisbane | Sydney | Melbourne |

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Eureka Productions

11 September 2020

Dear Resident/Tenant

We're extremely excited to be bringing the most OUTRAGEOUS mini golf show to Channel 7. You, along with your family and friends, could be a part of our live studio audience!!!

This letter is to inform you that from the 30 September 2020 to the 11 per 2020, Eureka Productions will be filming in the area from approximately 1600 to 2400.

We are aware that there may be some slight inconvenience caused and apologise in advance. Rest assured that we will do everything possible to minimise the impact of filming on your neighbourhood. If you have any concerns (scheduled deliveries, construction, accessibility needs etc) that must be addressed, please call or email as at holeymoleytvshow@eurekaproductions.com.au

We will do everything possible to find a mutually agreeable solution.

"Holey Moley" we're sure you're just as excited as we are for HOLEY MOLEY to "tee off". So it's now time to gather your friends and family and get excited for what is sure to be one of the best nights out in 2020. Please feel free to share the below email with your family and friends who may be interested in joining in the furrof our first ever LIVE studio audience. Email us at hmaudience@eurekaproductions.com.au. We look forward to welcoming you along with your family & friends soon.

Thank you in advance for your understanding and cooperation.

Should you have any questions or concerns on the day of filming, please don't hesitate to contact our onsite Location Production Manager,

All the best,

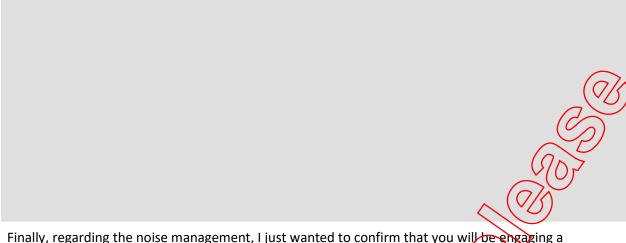
Holey Moley Production Team

Eureka Productions Pty Ltd Level 2, 67-69 Chandos St, St Leonards NSW 2065 | T: (02) 9157 0386

Contrary to Public Interest Page 41 of 148

Carl Grulke

From: Sent: Wednesday, 16 September 2020 4:02 PM To: Kylie Sharpe Cc: Kristen Banks; Rohan O'Driscoll **Subject:** Re: UPDATE: Holey Moley EVENT MANAGEMENT DETAILS Hi Kylie Thank you for coming back to me. We will have a suitably qualified acoustic consultant to monitor the noise and we have absolutely scheduled the Distractor night and Clown Around to work within the 10pm curfew. Thanks so much again Kylie Cheers Production Supervisor **Eureka Productions** Level 2, 67-69 Chandos Street, St Leonards, NSW 2065 On 16 Sep 2020, at 12:01 pm, Kylie Sharpe < Kylie. Sharpe@redland.qld.gov.au > wrote: Hi Elliatt,



Finally, regarding the noise management, I just wanted to confirm that you will be engaging a suitably qualified acoustic consultant to monitor noise during the event. The Noise Management Plan provided says that "continuous noise logging over the duration of the event will be conducted at 3 locations at nearest noise sensitive locations...". I also wanted to confirm that the games "The Distractor" and "Clowning Around" are scheduled to be filmed before 10 pm to prevent breaches of noise legislation.

If you need any clarification of anything please give me a call.

Thanks, Kylie

Kylie Sharpe

Environmental Health Officer

Environmental Health Verification & Support Health & Environment Unit Redland City Council

P +617 3829 8123

<image001.png><image002.png>

I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Wednesday, 16 September 2020 7:01 AM

To: Kylie Sharpe@redland.qld.gov.au>
Cc: Kristen Banks < Kristen Banks @redland.qld.gov.au>

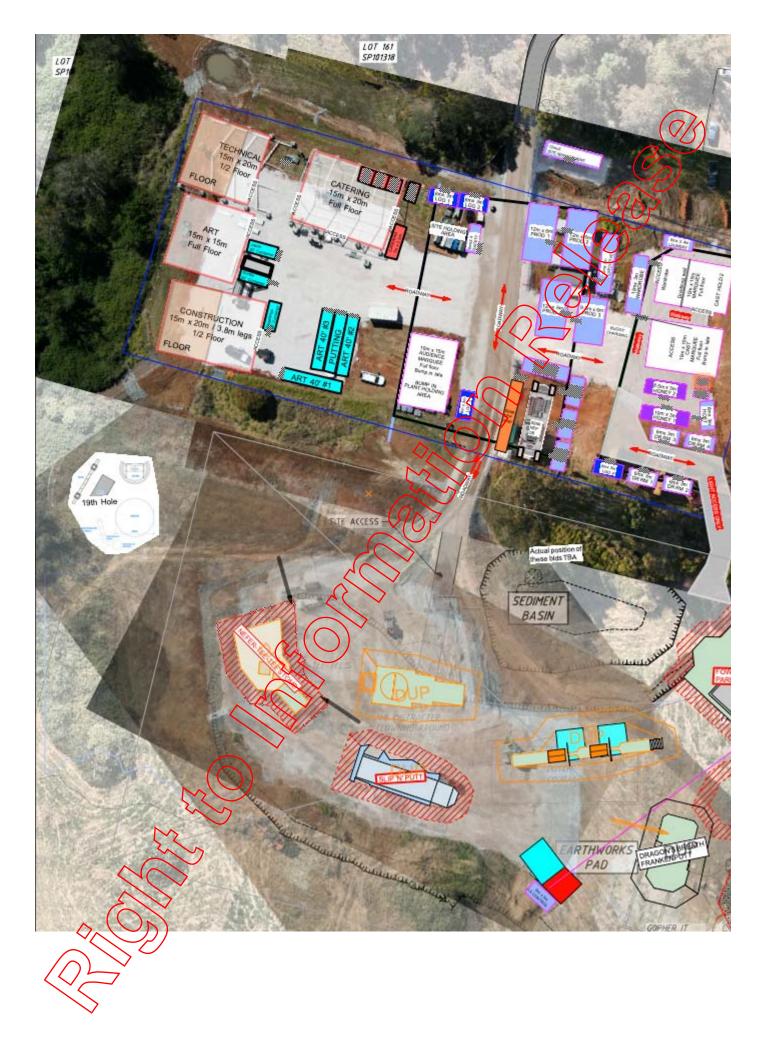
Subject: UPDATE Holey Moley EVENT MANAGEMENT DETAILS

Hi Kylie

Apologies this is coming through in dribs and drabs.

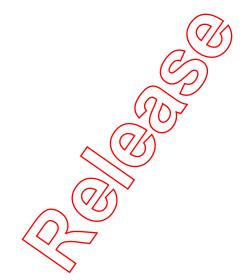
We've updated the summary document, attached, with details of where we are at.

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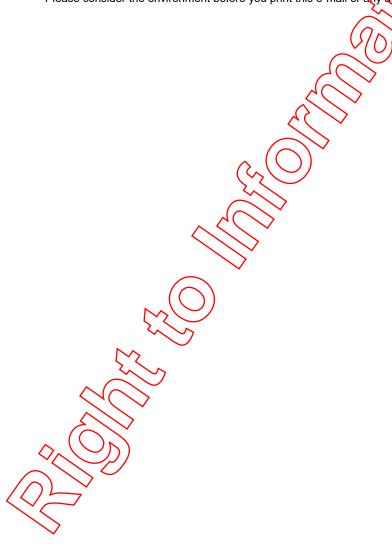
Production Supervisor Eureka Productions Level 2, 67-69 Chandos Street, St Leonards, NSW 2065



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From: Danielle Fleming

Sent: Wednesday, 2 December 2020 12:26 PM

To: Danielle Fleming

Subject: FW: UPDATE: Holey Moley EVENT MANAGEMENT DETAILS

From: Kylie Sharpe

Sent: Friday, 18 September 2020 2:55 PM

To: Danielle Fleming

Subject: FW: UPDATE: Holey Moley EVENT MANAGEMENT DETAILS

FYI

From:

Sent: Wednesday, 16 September 2020 4:02 PM **To:** Kylie Sharpe < Kylie.Sharpe@redland.qld.gov.au

Cc: Kristen Banks < Kristen. Banks@redland.qld.gov.au >; Rohan O'Driscott

Subject: Re: UPDATE: Holey Moley EVENT MANAGEMENT DETA

Hi Kylie

Thank you for coming back to me.

We will have a suitably qualified acoustic consultant to monitor the noise and we have absolutely scheduled the Distractor night and Clown Around to work within the 10pm curfew.

Thanks so much again Kylie

Cheers

eureka

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065



Finally, regarding the noise management, I just wanted to confirm that you will be engaging a suitably qualified acoustic consultant to monitor noise during the event. The Noise Management Plan provided says that "continuous noise logging over the duration of the event will be conducted at 3 locations at nearest noise sensitive locations...". I also wanted to confirm that the games "The Distractor" and "Clowning Around" are scheduled to be filmed before 10pm to prevent breaches of noise legislation.

If you need any clarification of anything please give me a call.

Thanks, Kylie

Kylie Sharpe

Environmental Health Officer

Environmental Health Verification & Support Health & Environment Unit

Redland City Council

P +617 3829 8123

I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Wednesday, 16 September 2020 7:01 AM
To: Kylie Sharpe < Kylie. Sharpe@redland.qld.gov.au>

Cc: Kristen Banks < Kristen.Banks@redland.qld.gov.au >

Subject: UPDATE: Holey Moley EVENT MANAGEMENT DETAILS

Hi Kylie

Apologies this is coming through in dribs and drabs.

We've updated the summary document, attached, with details of where we are at.

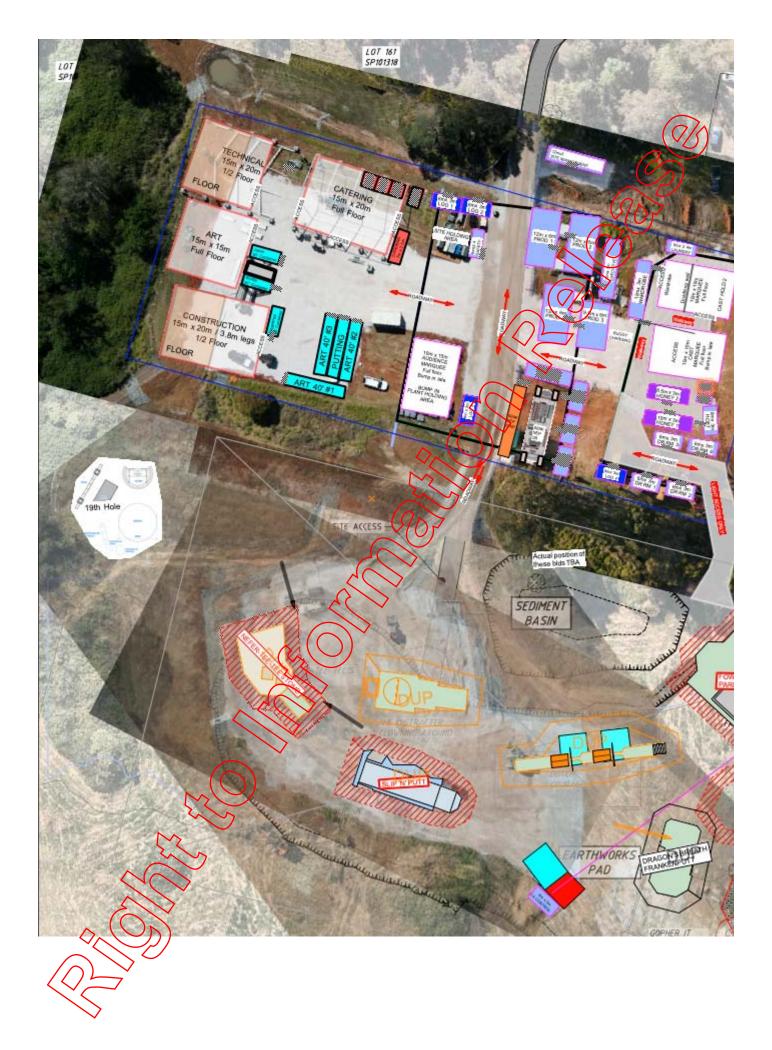
Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

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Noise Monitoring 1st October 2020.

Congreve Crescent

Instrument:	2250
Application:	BZ7224 Version 4.7.3
Start Time:	10/01/2020 23:11:38
End Time:	10/01/2020 23:27:36
Elapsed Time:	00:15:58
Bandwidth:	Broadband
Max Input Level:	141.00

	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

Calibration Time:	10/01/2020 21:25.45
Calibration Type:	External reference
Sensitivity:	49.6152304112911 hV/Ra

Congreve Crescent

	Start time	End time	Elapsed	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	40.0	53.6	34.8
Time	11:11:38 PM	11:27:36 PM	0:15:58				
Date	01/10/2020	01/10/2020		>			





Animal Shelter

Instrument:	2250
Application:	BZ7224 Version 4.7.3
Start Time:	10/01/2020 21:27:43
End Time:	10/01/2020 21:57:43
Elapsed Time:	00:30:00
Bandwidth:	Broadband
Max Input Level:	141.00

	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	A

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

Calibration Time:	10/01/2020 21:25.46
Calibration Type:	External reference
Sensitivity:	49.6152304112911 mV/Ra

Animal Shelter

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	45.8	63.6	35.1
Time	09:27:43 PM	09:57:43 PM	0:30:00	>			
Date	01/10/2020	01/10/2020		>			





Flamingo

Instrument:	2250	
Application:	BZ7224 Version 4.7.	
Start Time:	10/01/2020 22:16:29	
End Time:	10/01/2020 22:31:29	
Elapsed Time:	00:15:00	
Bandwidth:	Broadband	
Max Input Level:	141.00	

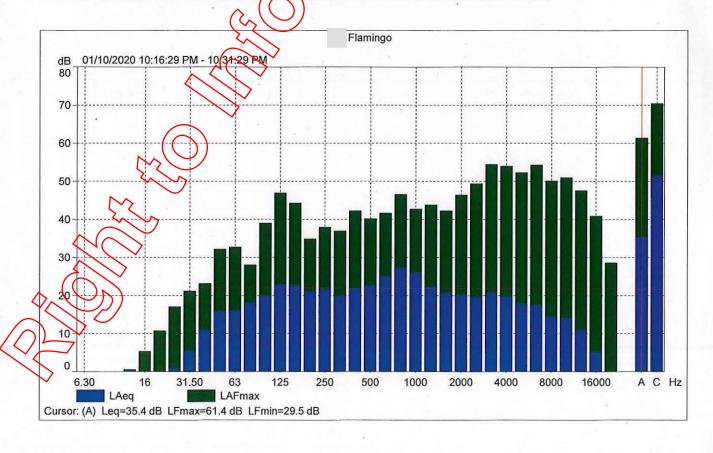
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

Calibration Time:	10/01/2020 21:25:45
Calibration Type:	External reference 49.6152304112941 mV/Pa
Sensitivity:	49.6152304112911.mV/Pa

Flamingo

	Start time	End time	Elapsed time	Overload [%]	LAeq [dB]	LAFmax [dB]	LAFmin [dB]
Value				0.00	35.4	61.4	29.5
Time	10:16:29 PM	10:31:29 PM	0:15:00	~			
Date	01/10/2020	01/10/2020		>			



Contrary to Public Interest



Flamingo

Instrument:	2250		
Application:	BZ7224 Version 4.7.3		
Start Time:	10/01/2020 22:36:55		
End Time:	10/01/2020 22:54:0		
Elapsed Time:	00:15:00		
Bandwidth:	Broadband		
Max Input Level:	141.00		

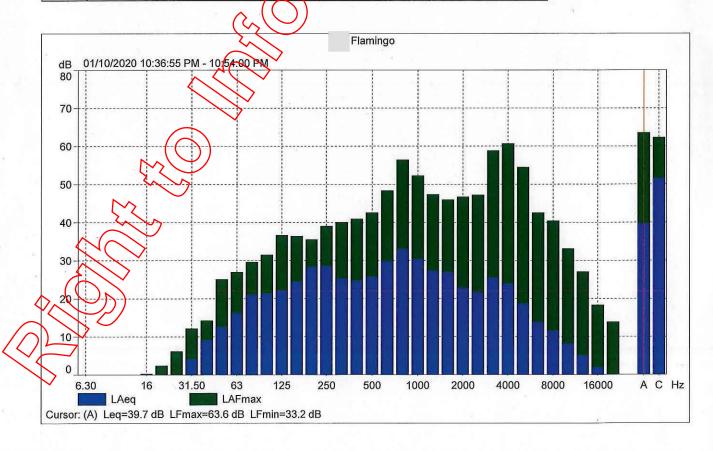
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

Calibration Time:	10/01/2020 21:25 45
Calibration Type:	External reference
Sensitivity:	49.6152304112911 mV/Pa

Flamingo

				10			
	Start	End	Elapsed	Overload	LAeq	LAFmax	LAFmin
	time	time	time	[%]	[dB]	[dB]	[dB]
Value				0.00	39.7	63.6	33.2
Time	10:36:55 PM	10:54:00 PM	0:15:00	\			
Date	01/10/2020	01/10/2020					



Contrary to Public Interest Page 53 of 148







From: Danielle Fleming

Sent: Thursday, 8 October 2020 2:53 PM

To: 'holeymoleytvshow@eurekaproductions.com.au'

Cc: Carl Grulke; Kristen Banks

Subject: FW: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Good Afternoon

I have tried to contact yourself and a number of times today and have left messages on both your mobile phones and the complaint response hotline.

Council have received a number of complaints today from nearby residents, raising concerns regarding the noise coming from the site last night, Wednesday the 7th of October 2020. In these requests residents have advised that an amplified device was used by the announcers over the duration of the night to 'hype' or 'warm up' the audience, with the level of noise described as similar to the initial filming night, Thursday the 1st of October.

As you can understand, residents have expressed their frustration with the intermittent and disruptive nature of the noise, specifically from the amplified announcer's voice and audience cheering/yelling. Residents have again advised that they were unable to reach a representative from the production through the complaint response hotline and instead had to leave a message, resulting in residents becoming further upset about the matter. As per the Noise Management Plan (NMP) you need to ensure that an on-call person from Eureka is available to answer the hotline number provided to residents.

In addition to this as discussed last week and mentioned in the below email, the use of amplified devices (PA System) for the commentator's voice, or the use of any amplified devices at the event other than from the initial site orientation and organisation announcements between 5-7pm is not permitted, as per the Acoustic Report and Noise Management Plan for the event. Please note that compliance with the Noise Management Plan and Acoustic Report is conditioned as part of the certificate of approval for the Temporary Event Permit. It is noted that non-compliance with a permit condition is an offence under s.11(1) of Local Law 1 (Administration) 2015, and a Penalty Infringement Notice (PIN) can be issued if non-compliances continue. The amount of the PIN for this is \$667 and any notices issued against the production are taken into consideration when applying for or renewing permit approvals.

Due to the number of complaints received today, officers will be onsite conducting noise monitoring from a number of locations surrounding the site, similar to the previous noise monitoring conducted, to ensure that all requirements with the Temporary Event Permit including the Noise Management Plan are being complied with.

It is also recommend that the production team consider implementing additional controls or other measures to effectively mitigate/reduce the amount of noise caused by the audience cheering and yelling overnight. While Lunderstand that there may be little that can be done to achieve this for the current round of filming, the majority of complaints made to Council has described the audience noise as their number one concern. Given the intent to conduct additional rounds of filming for the Holey Moley TV show at this location in the future, it is advisable to explore options that perhaps mitigate this source of noise further.

If you wish to discuss this further, please do not hesitate to contact me.

1

Kind Regards,

Danielle Fleming

Service Manager

Health & Environment Unit Redland City Council

P 3829 8121





I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

Redlands: the best place to live, play and do business

From:

Sent: Friday, 2 October 2020 8:54 PM

To: Danielle Fleming

Cc: Kristen Banks; Carl Grulke

Subject: Re: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Hi Danielle

Thank you for your feedback which has been duly noted. We have commenced action to rectify the issues that have been raised in the following way:

1) Audio Consultant came to site at 5pm today to install 2 additional monitors at both the closet point to Flamingo Crescent and the Southern end of the site.

- 2) The generator located at the point closest to Flamingo crescent is tomorrow being replaced with a much smaller generator with additional insulation. This is the recommendation from the Audio consultant who thinks that this current generator is the source of the complaints as it stands due to the low frequency audio that it is emitting
- 3) The number listed has been going to voicemail as the staff member finished work at 7am and was asleep. We have rectified this issue by having the number transferred to a day time Coordinator that we have engaged from today who will placate any further issues until senior management is able to handle.
- 4) we have disconnected the Audience Warm up PA system. This do a great deal to reduce the complaints made in relation to amplified voices. The "voice of god "which is the executive producers voice to the contestants has been greatly reduced.

I have asked for the generator that is causing the issues be shut down by 10pm tonight until it is replaced and fitted with the additional acoustic barriers tomorrow.

I have asked to give us readings from tonight and tomorrow night on Monday so that I can share with you by COB that day and prior to us shooting again on Tuesday. I do believe that these measure will reduce the impact and therefore the complaints and concerns from residents in the local area.

Thanks again for your time and understanding Danielle.

Kind regards



| Production Supervisor Eureka Productions Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

From: Danielle Fleming

Sent: Friday, 2 October 2020 5:32 PM

To:

Cc: Kristen Banks < Kristen. Banks@redland.qld.gov.au >; Carl Grulke < Carl Grulke@redland.qld.gov.au >

Subject: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Afternoon

Thanks for taking the time today to discuss the noise from last night's event. While we have had good feedback regarding the commercial operation of the event, we have also had a number of complaints today from nearby residents in regards to the noise coming from the site. As discussed, two Council officers conducted noise monitoring from four locations surrounding the event last night between 9pm-12am, to assess the potential noise impacts on nearby residential receptors.

I have listed the main point of concern from the residents and from the officer's inspection last night below for you. These are the same points that we discussed on the phone today. As mentioned it's important that we can work through these issues and address them as early as possible during production, to ensure that the filming of Holey Moley can continue in a sustainable and beneficial manner for all parties involved.

- Today Council received 6 phone and 2 email-based noise complaints from residents of properties surrounding the site. To assist your noise consultant these came from both Flamingo Crescent and Congreve Cresent.
- Although residents have been referred to the complaint response hotline and email address you have provided as part of your Temporary Event application with Council, dialling this number has resulted in residents being directed to a message bank rather than a representative who they can discuss their concerns with them. As you can understand, this has resulted in residents becoming quite upset about the matter. As per the Noise Management Plan (NMP) you need to ensure that an on-call person from Eureka is available to answer the hotline number provided to residents. This will help in reducing the anxiety of the customers as well as gathering the important information for your acoustic consultant, on the issues that are impacting the community, to see if any amendments can be made.
- For those residents that called through last night if you can please ensure they receive a phone call back, that would be greatly appreciated and I think would go a long way in resolving their concerns.
- During the noise monitoring last night officers described noise impacts from a range of sources, but most notably from the commentator's amplified voice, which could be easily heard from the southern side of the site on Congreve Cresent. As well as generators and/or other mechanical equipment located nearby the Eastern boundary of the site, which has resulted in complaints from Flamingo Cresent.

- It is noted that neither the acoustic report or the event Noise Management Plan mention the use of amplified devices for the commentator's voice, or the use of any amplified devices at the event other than from the initial site orientation and organisation announcements between 5-7pm. Due to the impulsive and disruptive nature of noise from amplified sources, it is recommended that the use of this is reassessed by your acoustic consultant and should you wish to use amplified devices as part of the event that this is included in an amended acoustic report.
- It is also suggested that the acoustic consultant look into the possibilities of additional controls that may be able to be introduced to reduce noise emissions from spectators and competitors, to assist with reducing the collective noise emissions from the event.
- In regards to the issues raised from the residents surrounding Flamingo Crescent to the east of the site, they mentioned that mechanical noise (believed to be from on-site generators) is quite prominent and causing issues. The officers also noted that the noise was quite prominent in this location last night. In the Noise Management Plan it is noted that the generators are to be fitted with 'exhaust silencers', surrounded by acoustic screening, and located away from receptors to the east. It recommended that you get the acoustic consultant to have another look at this to ensure that each of these controls are being utilised/implemented correctly, and potentially consider any other mitigation measures that could be taken for minimise any impacts from the generators.
- Once the acoustic consultant has the noise readings from the previous two nights, can you please
 get them to forward a copy of the reading to myself. The readings taken by Council's officers
 identified that the noise along the southern Congreve Crescent location exceeded the acoustic
 impact predictions by 3-4dB. I am hoping that after some minor alterations from the first night of
 filming that these noise levels will reduce and the impact to the residents along the southern side
 will be minimised.

I understand this is a learning curve for us all and appreciate that last night was the first night of filming for the production, as mentioned over the phone I will have a look at the acoustic consultants readings that come through and at any further noise complaints received by council over the weekend. I am hoping that after our discussion today and with the implementation of a few minor amendments, we can reduce the noise impacts to the residents and the calls receive day Council. Either way I will call you on Tuesday to let you know how we went over the long weekend and discuss any further issues with you.

If yourself or the acoustic consultant has any questions please don't hesitate to contact me.

Kind Regards,

Danielle Fleming Service Manager

Health & Environment Unit Redland City Council

P 3829 8121



lands and seas where I work. I pay my respects to Elders, past, present and future.

Pedlands: the best place to live, play and do business

From: Danielle Fleming

Sent: Tuesday, 6 October 2020 3:37 PM

To:

Cc: Kristen Banks; Carl Grulke

Subject: RE: Noise reduction - Holey Moley & Requesting Production Schedule

Afternoon

Just following on from my email yesterday, Council's Customer Service Centre received no complaints over the weekend or today in regards to Holey Moley. In addition to this Council's after hours service also received no complaints over the weekend however we did have one complaint made to the Council of Spring regarding noise from the event on Sunday night.

Officers will be liaising with the customers who called through on Friday to see in they have any further or ongoing concerns, as well as the customer who made the complaint on Sunday, to identify what specifically were the areas of concern. I think so far this is a good result and an indicator that the prompt response from yourself and the production company may have alleviated the majority of issues for the residents.

I would still like to review the readings from your acoustic consultant if you could please send those through and in the meantime we will keep processing the customer requests and should we identify any further issues raised by the community, I will forward these onto yourself and we can work through them.

Thanks again,

Danielle Fleming

Service Manager

Health & Environment Unit Redland City Council

P 3829 8121

I acknowledge the traditional custodians of the lands and seas where I work. I pay my respect to Elders, past, present and future.

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From: Danielle Fleming

Sent: Monday, 5 Octobe 2020 2:49 PM

To: ; Kristen Banks; Carl Grulke

Subject: RE: Noise reduction - Holey Moley & Requesting Production Schedule

Hi

Thanks for keeping me updated, that sounds like great news.

I will downe check with Councils Customer Service Centre tomorrow morning but we haven't received any calls to our on-call officer over the weekend, so hopefully that's a good sign and all the adjustments you have implemented are reducing the noise to the nearby residents.

I will let you know how we go tomorrow and thank you for making the changes so quickly.

Danielle Fleming

Service Manager

Health & Environment Unit Redland City Council

P 3829 8121

I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

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Sent: Saturday, 3 October 2020 6:38 PM

To: Danielle Fleming < Danielle Fleming@redland.qld.gov.au; Kristen Banks@redland.qld.gov.au;

Carl Grulke < Carl.Grulke@redland.qld.gov.au >

Subject: Fwd: Noise reduction - Holey Moley & Requesting Production Schedule

FYI

Good news!

Also, we had zero calls on the complaints hotline last night and today.

I think we're all good!

The generator has also been removed so I think there be even less impact moving forward.

Cheers



Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

Begin forwarded message:

From:

Subject: RE: Noise reduction - Holey Moley & Requesting Production

Schedule

Date: 3 October 2020 at 5:14:51 pm AEST

To: "holeymoley TV" < holeymoleytvshow@eurekaproductions.com.au >

Thank you for this advice and for your very prompt efforts to mitigate the noise impact of Holey Moley on our community.

I am pleased to advise that last night (Friday 02 October into the early hours of Saturday 03 October), there was minimal noise impact from the production site. Thank you and well done

With thanks & kind regards -

From: holeymoley TV <holeymoleytvshow@eurekaproductions.com_au>

Sent: Saturday, 3 October 2020 12:01 AM

To:

Subject: Noise reduction - Holes Moley

Hi

Thank you for your call earlier today!

We have further looked into reducing the noise impact and have put a few additional measures into place tonight, we are hoping that these will help.

Please feel free to contact us either through the number you called today or through this email address. If we aren't able to answer the phone, one of our team members will get back to you as soon as possible!

Kindest regards,

From: Danielle Fleming

Sent: Tuesday, 6 October 2020 12:36 PM

To: Sam Peters Cc: Carl Grulke

Subject: FW: Noise reduction - Holey Moley & Requesting Production Schedule

Customer feedback

From: Danielle Fleming

Sent: Monday, 5 October 2020 2:49 PM
To: Kristen Banks ; Carl Grulke

Subject: RE: Noise reduction - Holey Moley & Requesting Production Schedule

Hi

Thanks for keeping me updated, that sounds like great news.

I will double check with Councils Customer Service Centre tomorrow morning but we haven't received any calls to our on-call officer over the weekend, so hopefully that's a good sign and all the adjustments you have implemented are reducing the noise to the nearby residents.

I will let you know how we go tomorrow and thank you for making the changes so quickly.

Kind Regards,

Danielle Fleming

Service Manager

Health & Environment Unit Redland City Council

P 3829 8121

I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

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From:

Sent: Saturday, 3 October 2020 6:38 PM

To: Danielle Fleming < <u>Qanielle.Fleming@redland.qld.gov.au</u>>; Kristen Banks < <u>Kristen.Banks@redland.qld.gov.au</u>>; Carl Grulke < <u>Carl Grulke@redland.qld.gov.au</u>>

Subject: Fwg: Noise reduction - Holey Moley & Requesting Production Schedule

FYI

Good news!

Also, we had zero calls on the complaints hotline last night and today.

Contrary to Public Interest Page 64 of 148

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Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

Begin forwarded message:

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Schedule

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With thanks & kind regards

From: holeymoley TV < holeymoleytvshow@eurekaproductions.com.au >

Sent: Saturday, 3 October 2020 12:01 AM

To:

Subject: Noise reduction - Holes Moley

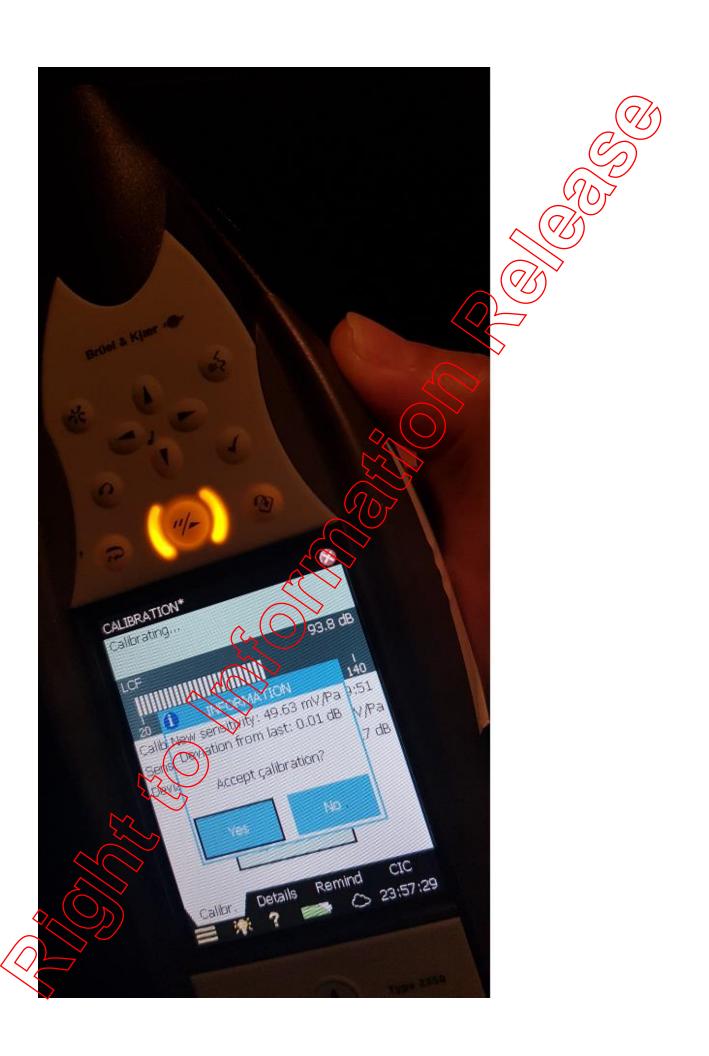
Нi

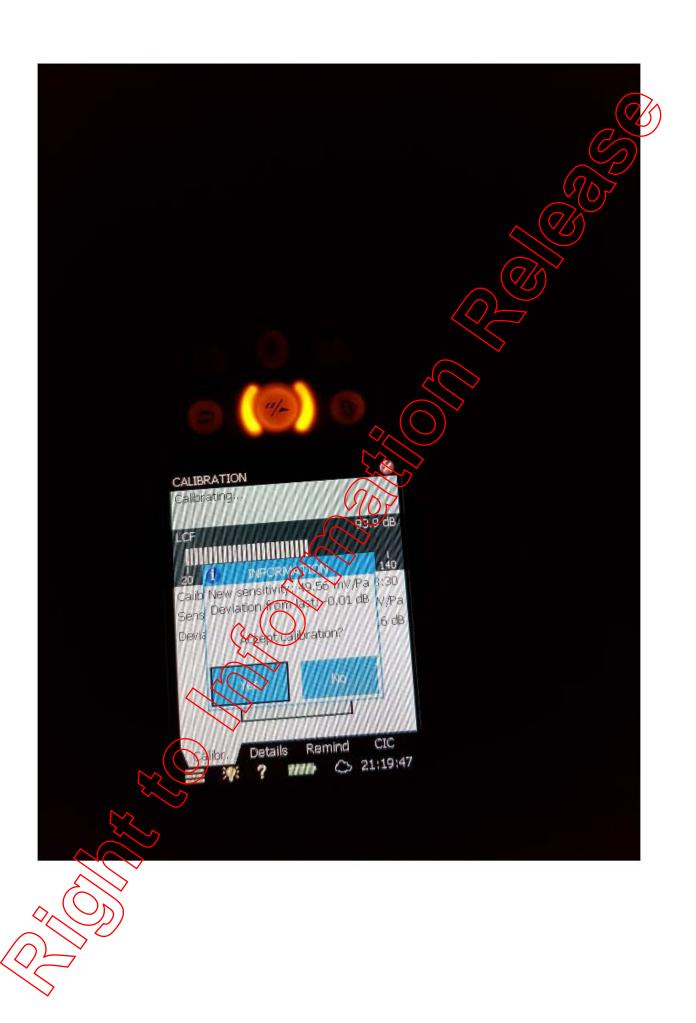
Thank you for your call earlier today!

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Please feel free to contact us either through the number you called today or through this email address. If we aren't able to answer the phone, one of our team members will get back to you as soon as possible!

Kindest regards,





From: Danielle Fleming

Sent: Wednesday, 2 December 2020 12:54 PM

To: Danielle Fleming

Subject: FW: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

From: Danielle Fleming

Sent: Friday, 2 October 2020 5:32 PM

To:

Cc: Kristen Banks; Carl Grulke

Subject: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Afternoon

Thanks for taking the time today to discuss the noise from last night's event. While we have had good feedback regarding the commercial operation of the event, we have also had a number of complaints today from nearby residents in regards to the noise coming from the site. As discussed, two Council officers conducted noise monitoring from four locations surrounding the event last night between 9pm-12am, to assess the potential noise impacts on nearby residential receptors.

I have listed the main point of concern from the residents and from the officer's inspection last night below for you. These are the same points that we discussed on the phone today. As mentioned it's important that we can work through these issues and address them as early as possible during production, to ensure that the filming of Holey Moley can continue in a sustainable and beneficial manner for all parties involved.

- Today Council received 6 phone and 2 email based noise complaints from residents of properties surrounding the site. To assist your noise consultant these came from both Flamingo Crescent and Congreve Cresent.
- Although residents have been referred to the complaint response hotline and email address you have provided as part of your Temporary Event application with Council, dialling this number has resulted in residents being directed to a message bank rather than a representative who they can discuss their concerns with them. As you can understand, this has resulted in residents becoming quite upset about the matter. As per the Noise Management Plan (NMP) you need to ensure that an on-call person from Eureka is available to answer the hotline number provided to residents. This will help in reducing the anxiety of the customers as well as gathering the important information for your acoustic consultant, on the issues that are impacting the community, to see if any amendments can be made.
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- During the noise monitoring last night officers described noise impacts from a range of sources, but most notably from the commentator's amplified voice, which could be easily heard from the southern side of the site on Congreve Cresent. As well as generators and/or other mechanical equipment located nearby the Eastern boundary of the site, which has resulted in complaints from Flamingo Cresent.
- It is noted that neither the acoustic report or the event Noise Management Plan mention the use of amplified devices for the commentator's voice, or the use of any amplified devices at the event other than from the pitial site orientation and organisation announcements between 5-7pm. Due to the impulsive and disruptive nature of noise from amplified sources, it is recommended that the use of this is reassessed by your acoustic consultant and should you wish to use amplified devices as part of the event that this is included in an amended acoustic report.

1

- It is also suggested that the acoustic consultant look into the possibilities of additional controls that may be able to be introduced to reduce noise emissions from spectators and competitors, to assist with reducing the collective noise emissions from the event.
- In regards to the issues raised from the residents surrounding Flamingo Crescent to the east of the site, they mentioned that mechanical noise (believed to be from on-site generator/s) is quite prominent and causing issues. The officers also noted that the noise was quite prominent in this location last night. In the Woise Management Plan it is noted that the generators are to be fitted with 'exhaust silencers', surrounded by acoustic screening, and located away from receptors to the east. It recommended that you get the acoustic consultant to have another look at this to ensure that each of these controls are being utilised/implemented correctly, and potentially consider any other mitigation measures that could be taken for minimise any impacts from the generators.
- Once the acoustic consultant has the noise readings from the previous two nights, can you please get them
 to forward a copy of the reading to myself. The readings taken by Council's officers identified that the noise
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I understand this is a learning curve for us all and appreciate that last night was the first night of filming for the production, as mentioned over the phone I will have a look at the acoustic consultants readings that come through and at any further noise complaints received by council over the weekend. Lam hoping that after our discussion today and with the implementation of a few minor amendments, we can reduce the noise impacts to the residents and the calls receive day Council. Either way I will call you on Tuesday to let you know how we went over the long weekend and discuss any further issues with you.

If yourself or the acoustic consultant has any questions please don't hesitate to contact me.

Kind Regards,

Danielle Fleming Service Manager

Health & Environment Unit Redland City Council

P 3829 8121





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From: <u>Sam Peters</u>

To: <u>Carl Grulke</u>; <u>Danielle Fleming</u>

Cc: Adam Bright

Subject: TE000434 - Holey Moley - Noise Monitoring Summary - 8 October 2020

Date: Friday, 9 October 2020 4:25:00 PM

Attachments: <u>image001.png</u>

image002.png image003.png

TE000434 - Noise monitoring Holey Moley - Results - 8 October 2020.obr

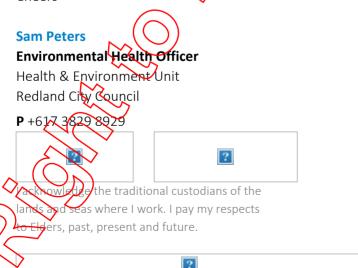
Hi Carl/Dani,

Adam and I conducted noise monitoring last night between 9-12am from two separate ocations (3 measurements in total) to assess the noise emissions from Holey Moley. The first location was near the animal shelter (ML1), and the second along Flamingo Crescent (ML2), ML3). A copy of these readings is attached.

In summary:

- During our recording taken at ML1 we could hear production personnel using what sounded like a quiet megaphone or other voice amplifier to direct the audience briefly for a few moments. Despite this, it was far quieter and used sparingly in comparison to the amplified announcer's voice we heard during monitoring last Thursday.
- The audience yelling, cheering and whistling was still by far the biggest source of noise that was audible at each location. While it sounded as if the megaphone/amplifier may have still been in use intermittently from where we were located at ML2/ML3, it was not quite loud enough to be clearly audible or itself if the during the time we were there.
- After our second recording at ML2/ML3 finished, at approximately 10:20pm, the usual noise from production stopped and did not start up again until at least 12:00am when we decided to finish up monitoring.
- Although we originally intended to wait until the second filming session started to see whether they were using an amplified device, it eventually got to midnight without us hearing anything other than generator/s, trucks/tractors, and a beeping type (truck reversing?) noise from the event intermittently. ML3 captured some of this noise. I am unsure if or when they eventually did start filming again last night, but believe they did at some point based on discussion/s had with complainants today.

Cheers





HoleyMoley- On Flamingo

Instrument:	2250
Application:	BZ7224 Version 4.7.3
Start Time:	10/08/2020 23:16:03
End Time:	10/08/2020 23:31:03
Elapsed Time:	00:15:00
Bandwidth:	1/3-octave
Max Input Level:	141.01

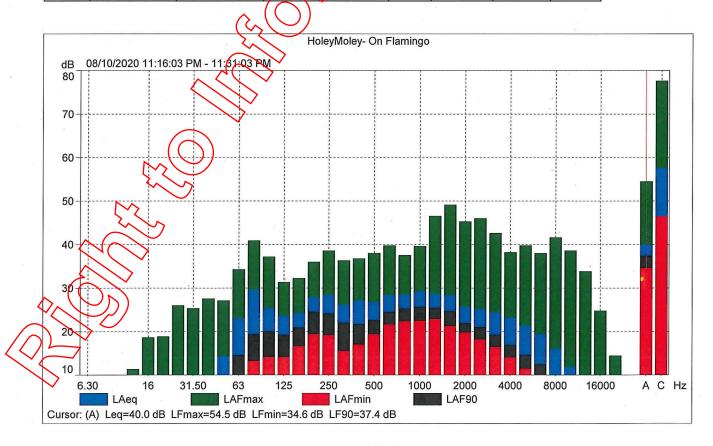
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	None
Sound Field Correction:	Free-field

Calibration Time:	10/08/2020 21:19 <mark>(5</mark> 1
Calibration Type:	External reference
Sensitivity:	49.5638474822044 mV/Ra

HoleyMoley- On Flamingo

	Start	End	Elapsed	Overload	LAeq	LAFmax	LAFmin	LAF90
	time	time	time	[%]	[dB]	[dB]	[dB]	[dB]
Value				0.00	40.0	54.5	34.6	37.4
Time	11:16:03 PM	11:31:03 PM	0:15:00					
Date	08/10/2020	08/10/2020		>				





HoleyMoley- near dog pound

Instrument:	2250
Application:	BZ7224 Version 4.7.3
Start Time:	10/08/2020 21:20:53
End Time:	10/08/2020 21:35:53
Elapsed Time:	00:15:00
Bandwidth:	1/3-octave
Max Input Level:	141.01

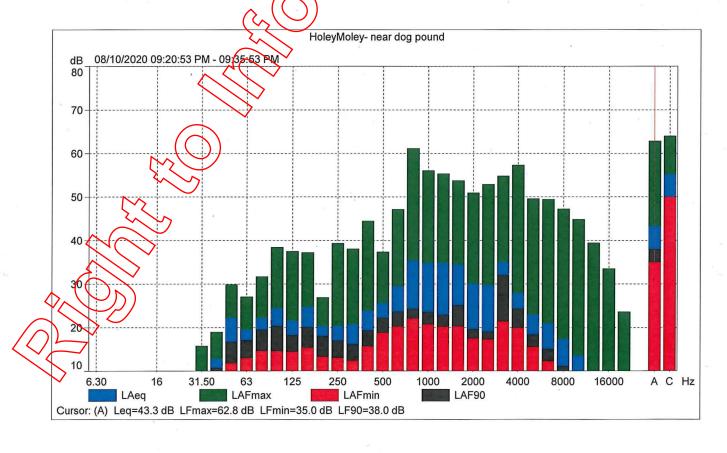
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	UA-1650
Sound Field Correction:	Free-field

Calibration Time:	10/08/2020 21:19:51
Calibration Type:	External reference 49.5638474822044 mV/Ra
Sensitivity:	49.5638474822044 mV/Ra

HoleyMoley- near dog pound

	Start	End	Elapsed	Overload	LAeq	LAFmax	LAFmin	LAF90
	time	time	time	[%]	[dB]	[dB]	[dB]	[dB]
Value				0.00	43.3	62.8	35.0	38.0
Time	09:20:53 PM	09:35:53 PM	0:15:00	\	×			
Date	08/10/2020	08/10/2020		>				*





HoleyMoley- on flamingo

Instrument:	2250
Application:	BZ7224 Version 4.7.3
Start Time:	10/08/2020 21:47:02
End Time:	10/08/2020 22:02:02
Elapsed Time:	00:15:00
Bandwidth:	1/3-octave
Max Input Level:	141.01

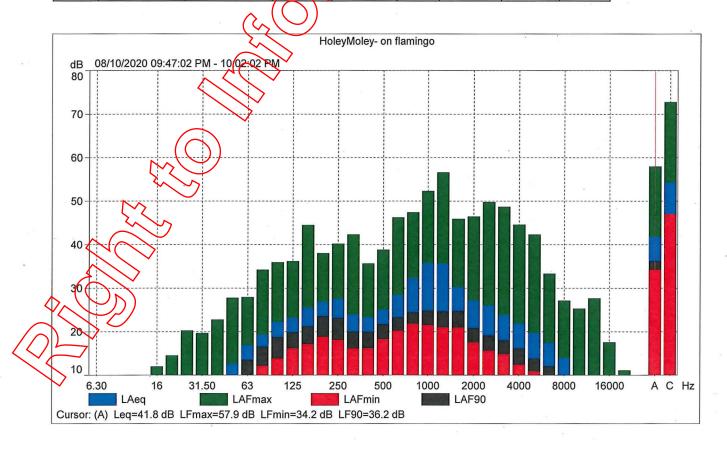
	Time	Frequency
Broadband (excl. Peak):	FSI	AC
Broadband Peak:		Α
Spectrum:	FS	Α

Instrument Serial Number:	3012151
Microphone Serial Number:	3100604
Input:	Top Socket
Windscreen Correction:	None
Sound Field Correction:	Free-field

Calibration Time:	10/08/2020 21:19:51
Calibration Type:	External reference
Sensitivity:	49.5638474822044 mV/Pa

HoleyMoley- on flamingo

	Start	End	Elapsed	Overload	LAeq	LAFmax	LAFmin	LAF90
	time	time	time	[%]	[dB]	[dB]	[dB]	[dB]
Value		€	\ \ \	0.00	41.8	57.9	34.2	36.2
Time	09:47:02 PM	10:02:02 PM	0:15:00					
Date	08/10/2020	08/10/2020				v		



From: Carl Grulke

Sent: Friday, 9 October 2020 4:33 PM

To: Danielle Fleming; 'holeymoleytvshow@eurekaproductions.com).au

Cc: Kristen Banks; Sam Peters

Subject: RE: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Good afternoon,

To follow on from the below correspondence we are yet to receive a response regarding the outstanding noise monitoring results or further controls.

I can confirm our Environmental Health Officers were in the area last night to conduct hoise monitoring and will continue to monitor the event. Complaints have continued to be received today with the primary concerns being:

- contact number for Eureka not being answered agitating customers even further
- crowd noise, cheering and whistling being the primary noise waking nearby residents up and preventing them from sleeping
- allegations that some form of machinery (with reverse beepers) being stillsed lest night again causing a nuisance to residents

Please ensure you contact our Environmental Health Team as soon as possible during business hours to discuss further.

Thanks,

Carl Grulke

Team Leader

Environmental Health Health & Environment Unit Redland City Council

P+617 3829 8941





I acknowledge the traditional custodians of the lands and seas where I work. I pay my respect to Elders, past, present and future.

From: Danielle Fleming

Sent: Thursday, 8 October 2020 2:53 PM

To: oleymoleytvshow@eurekaproductions.com.au'

<holeymoleytvshow@eurekaproductions.com.au>

Cc: Carl Grulke <Carl Grulke@redland.qld.gov.au>; Kristen Banks <Kristen.Banks@redland.qld.gov.au>

Subject: FW: TE000434- Holey Moley - Noise Monitoring 1st October 2020

Good Afternoon

I have tried to conjuct yourself and a number of times today and have left messages on both your mobile phones and the complaint response hotline.

Council have received a number of complaints today from nearby residents, raising concerns regarding the noise coming from the site last night, Wednesday the 7th of October 2020. In these requests residents have advised that an amplified device was used by the announcers over the duration of the night to 'hype' or

Contrary to Public Interest Page 75 of 148

'warm up' the audience, with the level of noise described as similar to the initial filming night, Thursday the 1st of October.

As you can understand, residents have expressed their frustration with the intermittent and disruptive nature of the noise, specifically from the amplified announcer's voice and audience cheering/yel/ing. Residents have again advised that they were unable to reach a representative from the production through the complaint response hotline and instead had to leave a message, resulting in residents becoming further upset about the matter. As per the Noise Management Plan (NMP) you need to ensure that an on-call person from Eureka is available to answer the hotline number provided to residents.

In addition to this as discussed last week and mentioned in the below email, the use of amplified devices (PA System) for the commentator's voice, or the use of any amplified devices at the event other than from the initial site orientation and organisation announcements between 5-7pm is not permitted, as per the Acoustic Report and Noise Management Plan for the event. Please note that compliance with the Noise Management Plan and Acoustic Report is conditioned as part of the certificate of approval for the Temporary Event Permit. It is noted that non-compliance with a permit condition is an offence under s.11(1) of Local Law 1 (Administration) 2015, and a Penalty Infringement Notice (PIN) can be issued if non-compliances continue. The amount of the PIN for this is \$667 and any notices issued against the production are taken into consideration when applying for or renewing permit approvals.

Due to the number of complaints received today, officers will be onsite conducting noise monitoring from a number of locations surrounding the site, similar to the previous noise monitoring conducted, to ensure that all requirements with the Temporary Event Permit including the Noise Management Plan are being complied with.

It is also recommend that the production team consider implementing additional controls or other measures to effectively mitigate/reduce the amount of noise caused by the audience cheering and yelling overnight. While I understand that there may be little that can be done to achieve this for the current round of filming, the majority of complaints made to Council has described the audience noise as their number one concern. Given the intent to conduct additional rounds of filming for the Holey Moley TV show at this location in the future, it is advisable to explore options that perhaps mitigate this source of noise further.

If you wish to discuss this further, please do not hesitate to contact me.

Kind Regards,

Danielle Fleming

Service Manager

Health & Environment Unit

Redland City Council

P 3829 8121



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From: Sent: Friday, 2 October 2020 8:54 PM To: Danielle Fleming < Danielle. Fleming@redland.qld.gov.au> Cc: Kristen Banks < Kristen.Banks@redland.qld.gov.au >; Carl Grulke < Carl.Grulke@redland.qld.gov.au > Subject: Re: TE000434 - Holey Moley - Noise Monitoring 1st October 2020 Hi Danielle Thank you for your feedback which has been duly noted. We have commenced action to rectify the issues that have been raised in the following way: came to site at 5pm today to install 2 additional monitors at both the 1) Audio Consultant closet point to Flamingo Crescent and the Southern end of the site. 2) The generator located at the point closest to Flamingo crescent is tomorrow being replaced with a much smaller generator with additional insulation. This is the recommendation from the Addio consultant who thinks that this current generator is the source of the complaints as it stands due to the low frequency audio that it is emitting 3) The number listed has been going to voicemail as the staff member finished work at 7am and was asleep. We have rectified this issue by having the number transferred to a day time Coordinator that we have engaged from today who will placate any further issues until senior management is able to handle. 4) we have disconnected the Audience Warm up PA system. This do a great deal to reduce the complaints made in relation to amplified voices. The "voice of god "which is the executive producers voice to the contestants has been greatly reduced. I have asked for the generator that is causing the issues be shut down by 10pm tonight until it is replaced and fitted with the additional acoustic barriers tomorrow to give us readings from tonight and tomorrow night on Monday so that I can share I have asked with you by COB that day and prior to us shooting again on Tuesday. I do believe that these measure will reduce the impact and therefore the complaints and concerns from residents in the local area. Thanks again for your time and understanding Danielle. Kind regards

eureка

Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

From: Danielle Flerning

Sent. Friday, 2 October 2020 5:32 PM

Tø:()

Cc: Kristen Banks < Kristen. Banks@redland.qld.gov.au >; Carl Grulke < Carl.Grulke@redland.qld.gov.au > Subject: TE000434 - Holey Moley - Noise Monitoring 1st October 2020

Contrary to Public Interest Page 77 of 148

Thanks for taking the time today to discuss the noise from last night's event. While we have had good feedback regarding the commercial operation of the event, we have also had a number of complaints today from nearby residents in regards to the noise coming from the site. As discussed, two Council officers conducted noise monitoring from four locations surrounding the event last night between 9ph-12am, to assess the potential noise impacts on nearby residential receptors.

I have listed the main point of concern from the residents and from the officer's inspection ast night below for you. These are the same points that we discussed on the phone today. As mentioned it's important that we can work through these issues and address them as early as possible outing production, to ensure that the filming of Holey Moley can continue in a sustainable and beneficial marner for all parties involved.

- Today Council received 6 phone and 2 email-based noise complaints from residents of properties surrounding the site. To assist your noise consultant these came from both Flamingo Crescent and Congreve Cresent.
- Although residents have been referred to the complaint response hotline and email address you have provided as part of your Temporary Event application with Council, dialling this number has resulted in residents being directed to a message bank rather than a representative who they can discuss their concerns with them. As you can understand, this has resulted in residents becoming quite upset about the matter. As per the Noise Management Plan (NMP) you need to ensure that an on-call person from Eureka is available to answer the hotline number provided to residents. This will help in reducing the anxiety of the customers as well as gathering the important information for your acoustic consultant, on the issues that are impacting the community, to see if any amendments can be made.
- For those residents that called through last hightipyou can please ensure they receive a phone call back, that would be greatly appreciated and 1 think would go a long way in resolving their concerns.
- During the noise monitoring last night officers described noise impacts from a range of sources, but
 most notably from the commentator's amplified voice, which could be easily heard from the
 southern side of the site on Congreve Cresent. As well as generators and/or other mechanical
 equipment located nearby the Eastern boundary of the site, which has resulted in complaints from
 Flamingo Cresent.
- It is noted that neither the acoustic report or the event Noise Management Plan mention the use of amplified devices for the commentator's voice, or the use of any amplified devices at the event other than from the initial site orientation and organisation announcements between 5-7pm. Due to the impulsive and disruptive nature of noise from amplified sources, it is recommended that the use of this is reassessed by your acoustic consultant and should you wish to use amplified devices as part of the event that this is included in an amended acoustic report.
- It is also suggested that the acoustic consultant look into the possibilities of additional controls that
 may be able to be introduced to reduce noise emissions from spectators and competitors, to assist
 with reducing the collective noise emissions from the event.
- In regards to the issues raised from the residents surrounding Flamingo Crescent to the east of the site, they mentioned that mechanical noise (believed to be from on-site generator/s) is quite prominent and causing issues. The officers also noted that the noise was quite prominent in this location last hight. In the Noise Management Plan it is noted that the generators are to be fitted with 'exhaust silencers', surrounded by acoustic screening, and located away from receptors to the east. It recommended that you get the acoustic consultant to have another look at this to ensure that each of these controls are being utilised/implemented correctly, and potentially consider any other mitigation measures that could be taken for minimise any impacts from the generators.

Once the acoustic consultant has the noise readings from the previous two nights, can you please
get them to forward a copy of the reading to myself. The readings taken by Council's officers
identified that the noise along the southern Congreve Crescent location exceeded the acoustic
impact predictions by 3-4dB. I am hoping that after some minor alterations from the first night of
filming that these noise levels will reduce and the impact to the residents along the southern side
will be minimised.

I understand this is a learning curve for us all and appreciate that last night was the first night of filming for the production, as mentioned over the phone I will have a look at the acoustic consultants readings that come through and at any further noise complaints received by council over the weekend, can hoping that after our discussion today and with the implementation of a few minor amendments, we can reduce the noise impacts to the residents and the calls receive day Council. Either way I will call you on Tuesday to let you know how we went over the long weekend and discuss any further issues with you

If yourself or the acoustic consultant has any questions please don't hesitate to contact me.

Kind Regards,

Danielle Fleming Service Manager

Health & Environment Unit Redland City Council

P 3829 8121





I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

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Danielle Fleming From:

Sent: Wednesday, 2 December 2020 12:15 PM

To: **Danielle Fleming**

Subject: FW: RCC / HM AGENDA UPDATE

From: Kristen Banks

Sent: Thursday, 26 November 2020 9:18 AM

To:

Cc: Danielle Fleming; Rod Baxter; Graham Simpson; Ainslie Clatworth

Subject: RE: RCC / HM AGENDA UPDATE

Good morning

Thank you for making time to further discuss items outlined in the email below. We wish you all the best for your next step.

It was nice to video-meet and we look forward to receiving

Just a brief recap on actions and any additions/clarifications welcome.

Eureka to send through details of new acoustic consultant. Danielle is happy for her details to also be passed on to the consultant.

Are you please able to advise on an ETA for items?

Thank you Kristen

Kristen Banks

Executive Officer

Community and Customer Ser **Redland City Council**

P+617 3829 8648

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I acknowledge the traditional custodians of the lands and seaswhere) work. I pay my respects past, present and future. to Elders

From: Kristen Banks

Sent: Thursday, 19 November 2020 4:05 PM

To:

Cc: Danielle Fleming ; Rod Baxter ; Graham Simpson ; Ainslie Clatworthy

Subject: RE: RCC / HM AGENDA UPDATE

Good afternoon

I hope that your week is going well. Thank you for advising that you are able to do a video/teleconference hext Tuesday.

Further to my email earlier this week, Council officers have had a look at the documents submitted following the 30 October meeting and have provided the below feedback for you.

We wanted you be able to look through the items prior to our meeting as this will assist with discussions next week and any questions, clarification or further information that you may have.

Dani or I are happy to go through in more detail prior to our meeting if you prefer.

For agenda item 2) The Acoustic Monitoring data provided by Eureka:

- a) Eureka provided Council with 2 sets of noise monitoring data, which where comprehensive 15 minute interval data recordings taken from two different locations. From review of the acoustic monitoring data, it is noted that there are some inconsistencies with what was initially specified in the original acoustic report and Noise Management Plan (NMP), which formed part of Eureka's Temporary Entertainment Event Approval (TE000434).
- b) As detailed within section 5.0 of the NMP, it identified the need for continuous noise logging over the duration of the event. This was to be conducted at 3 locations, at the nearest noise sensitive receptors (residential properties) to the east, south and west, to aid in investigations of noise complaints and assist with identifying and resolving any noise issues that arose during the event. While Eureka have provided the noise data recorded from 2 noise loggers, a third was intended. It is also noted that the locations from where the data was recorded is unclear. Are you able to please advise where the noise monitoring location were? If a third noise logger was utilised during the event? And if these readings were used during the event to help assist with noise impacts associated with the filming?
- c) If Council assumes that the logger's were located near noise sensitive receptors, in locations to the east and south of the site (as stipulated in the NMP), the readings clearly indicate that the noise emissions greatly exceeded the predicted level of noise outlined in the NMP. It is noted that the noise levels in the NMP are already significantly higher than the reference values for the Acoustic Quality Objectives listed in the Environmental Protection (Noise) Policy 2008 (using LA_{eq,adj,15min}). These results reflect the number of complaints Council received from persons living in residential properties to the east of the site.

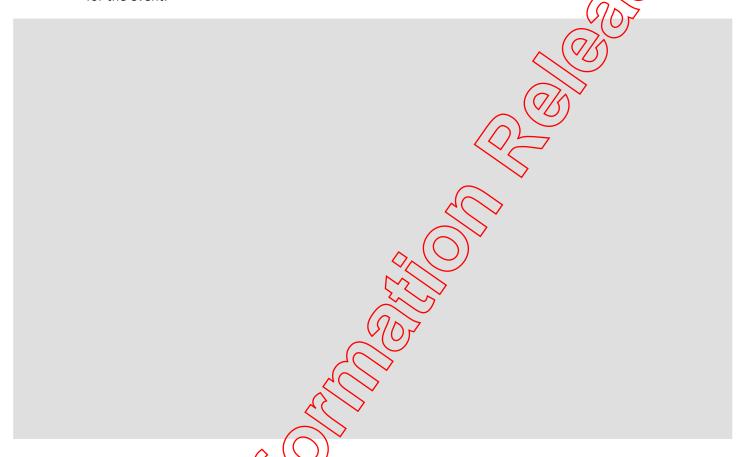
For agenda item 3) Residential complaints:

- a) Thank you for providing the list of complaints received by Eureka. In terms of the post-filming communications and where they should be targeted, officers confirm that Council received a total of 18 complaints, of which came from Flamingo Crescent, from Bluebird Court, from Cockatiel Court, and the fast from surrounding streets.
- b) From the list of complaints provided, it does not appear that Eureka were responding to each complaint or collecting the information specified in section 4.2 of the NMP, which was an essential part of the complaints management and resolution process. Can you please advise if the information provided for the complaints was a comprehensive list including the details recorded and any corrective action undertaken and if not if this information was recorded elsewhere?

 C) To provide assistance in managing the customer enquiries in the future, sections 4 and 5 of the NMP provide an overview of the complaint response and noise monitoring procedures to be undertaken by Eureka to manage noise concerns. It is recommended that a template of this is submitted with the next temporary event application.

For agenda item 4) Post-filming Letter to Residents:

- a) I have already provided some feedback to you in regards to this and while I understand a lot of the information for upcoming filming is unknown, Council is still receiving complaints in relation to future filming events, which as discussed in the last meeting resonates from the unknown for residents.
- b) Further suggestion from Dani, to help with this it would be beneficial to add in information that provides some visibility of upcoming events over the next three years and gives residents the assurances they are looking for in regards to this. Since our last meeting Council have also sent through some of the resident's concerns that were raised after the event, inducing the newspaper article, which focused on residents' apprehensions around crowd noise and management of crowd noise and the operating hours for the event.



For agenda item 6) the **Event Management Plan and Temporary Event Approval** required by Council prior to the next filming:

- a) At the previous meeting on 30 October it was discussed that the Event Management Plan will need to be amended and a new Event Management Plan is to be submitted to Council a minimum of one month prior to the next round of filming, for Council approval. This can include a number of the currently approved documents and information such as; traffic management, food approvals, amusement approvals, emergency and risk management documentation but will need to focus on further solutions for community and resident engagement (with new notification to be issued) as well as addressing the acoustic issues discussed.
- b) On review of the NMP and Acoustic Repot, along with Acoustic Monitoring data provided by Eureka and officers onsite inspections, it is evident that Eureka have not complied and or are not able to comply with their current approved NMP and Acoustic Report.
- c) It is noted that both the NMP and Acoustic Report were conditioned as part of the TE000434 approval and that compliance is required with both documents. Keeping in mind that the predicted values in the conditioned documents are already incredibly lenient, and aren't comparable to the values for the Acoustic Quality Objectives listed in the Environmental Protection Act 1994 & the Environmental Protection (Noise) Policy 2008.
- Given that the previous NMP and Acoustic Report were unable to be complied with, it is strongly suggested that Eureka start working with the acoustic consultant regarding the noise requirements for the next filming event. While it is noted that Eureka have breached their permit conditions, Council's main focus is working with Eureka to address the noise issues and implement solutions to bring the noise levels down to an acceptable standard prior to the next round of filming.

e) In saying this, it is highly recommended that Eureka Productions consider the timing for the filming of the events and the resident's requests that filming go no later than 11:00pm for future events. The new Acoustic Report and NMP will also need to address this.

Please don't hesitate to contact Dani or I if you have any questions.

Kind regards Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P+617 3829 8648

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I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From: Kristen Banks

Sent: Tuesday, 17 November 2020 11:37 AM

To:

Cc:

Danielle Fleming

<Danielle.Fleming@redland.qld.gov.au>; Rod Baxter < Rod Baxter@redland.qld.gov.au>; Graham Simpson <Graham.Simpson@redland.qld.gov.au>; Ainslie Clatworthy<Ainslie.Clatworthy@redland.qld.gov.au>

Subject: RE: RCC / HM AGENDA UPDATE

Good morning

Thank you for your follow up email. I also wanted to confirm that Danielle has received a copy of the acoustic report (item 2) and list of complaints (item 3) and hoo has received a copy of the shut-down management plan (item 5).

For item 4 (and draft letter to residents), would suggest some more content is added to reflect that is was also audience noise that was a concern to residents, a par about committing to engaging with the residents before any future filming, and a specific name, position and contact details rather than a generic sign off. In last par, it can be Redland City area.

It would be good if we could have another phone catch up this week (30 mins) to talk through some of the items in further detail.

Do you have any availability on Thursday? My colleague Ainslie can assist with setting up the meeting.

Kind regards Kristen

Kristen Banks Executive Officer

Community and Customer Services

Redland City Council

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I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Friday, 6 November 2020 10:36 AM

To: Kristen Banks < Kristen.Banks@redland.qld.gov.au >; Danielle Fleming < Danielle.Fleming @ Golf nd.qld.gov.au >

Cc:

Subject: RCC / HM AGENDA UPDATE

Hi Kristen

Please see an update to the agenda attached with supporting documents for your review.

Kind regards



Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

HOLEY MOLEY / REDLAND CITY COUNCIL AGENDA

Action	1	Doonorsible	Ctatus	Commont	
Action		Responsible party	Status	Comment	$(\vee \mathscr{S})$
Kristen Banks to followand Workplace Health a about requirements to refer to Council as a lease refer to Council a	and Safety eport incidents	Redland City Council	Complete	Eureka to send a summary email of any inc filming events to Redland City Council via F	
2. A copy of the aco conducted of Eurkea's acc consultant resent to Cou	onsite by coustic needs to be	Eureka Productions	Complete	SENT TO DANIELLE BY	
3. A list of the complete by Eureka through to 0	o be sent	Eureka Productions	Complete	INCLUDED BELOW	
4. Eureka to advise filming com residents i.e.	munication with	Eureka Productions	Pending	DRAFT INCLUDED BELOW, AWAITING FI	EEDBACK
5. The shut-down m plan is to be Council, inc process for emptying of the ongoing manageme	e sent to cluding the the initial f the pools and g pool	Eureka Productions	Complete	SENT TO ROD BAXTER BY	
new Event Plan is to be Council a memorth prior round of film Council apprincipate a necurrently approvals, ap	amended and a Management e submitted to ninimum of one to the next ning, for proval. This can umber of the proved and such as; traffic nt, food amusement emergency and ement tion but will us on further r community nt engagement otification to be well as	Eureka Productions	Pending	Likely to be early 2021	

Contrary to Public Interest Page 85 of 148

3. Complaint emails
From Subject: Noise Complaint Date: 8 October 2020 at 9:02:35 am AEDT To: holeymoleytvshow@eurekaproductions.com.au
То
The noise from your filming is ridiculous. move to get some sleep. We have times last night from cheering & screaming, and we have can barely function due to broken sleep. We have was woken several disrupted sleep. We too have been woken from the noise.
$(\sqrt{2})$
that there is a noise management plan in place. This plan is clearly not being implemented. Please do something about it!!!
Yours faithfully
From Subject: NOISE NOISE! - HOLEYMOLEY TV EVENT Date: 8 October 2020 at 8:04:20 am AEDT To: holeymoleytvshow@eurekaproductions.com.au,
I LIVE IN THE AREA YOU ARE FILMING THIS PATHETIC EVENT. I WAYE HAD 3 HOURS SLEEP IN THE LAST 2 NIGHTS 3:15 THIS MORNING IS DISGRACEFUL!
THERE WAS A LEAFLET IN THE MAILBOX ABOUT MINOR DISRUPTIONS: NEVER WAS IT STATED THAT IT WAS GOING TO BE A NOISY ALL NIGHT AFFAIR!
YOU ARE A DISGRACE!!
From: Subject: Noise Report - night of Wednesday 07 October Date: 8 October 2020 at 3:22:18 am AEDT To: holeymoley TV <holeymoleytvshow@eurel.aproductions.com.au></holeymoleytvshow@eurel.aproductions.com.au>
Hello
Thought you might like to know your smaller crowd has been/ is doing a grand job of screaming us awake through the night.
We appreciate your best efforts to minimise the noise, but clearly Redland City Council leased you the wrong site.
Kind regards -
On 6 Oct 2020 at 1:50 pm, holeymoley TV <holeymoleytvshow@eurekaproductions.com.au> wrote</holeymoleytvshow@eurekaproductions.com.au>
Hi
Thank you so much for getting in touch and letting us know, we really appreciate it!
In accordance with our event management plan with the council, we are permitted to have a large crowd up until 10:30pm. Reyond that we will have a much smaller audience in our second session which commenced at 11pm. Rest assured, we are taking all measures as per last week to reduce our impact on the community.

Contrary to Public Interest Page 86 of 148

Kind regards,

Hello Holey Moley Crew! Am in bed at the moment, listening to your audience screaming. So much for the noise mitigation measures of last Friday... which seem to have disappeared. Any chance of stopping soon? Kind regards-Begin forwarded message: From: Subject: Noise again - Tuesday 06 October Date: 6 October 2020 at 11:36:42 pm AEDT To: holeymoley TV <holeymoleytvshow@eurekaproductions.com.au> Hello Holey Moley Crew! Am in bed at the moment, listening to your audience screaming. So much for the noise mitigation measures of last Friday... which seem to have disappeared Any chance of stopping soon? Kind regards-Subject: RE: Noise reduction - Holey Moley & Requesting Rroduction Schedule Date: 3 October 2020 at 5:14:51 pm AEST

To: "holeymoley TV" <holeymoleytvshow@eurekaprochetions.com.au> Hi Thank you for this advice and for your very proving tefforts to mitigate the noise impact of Holey Moley on our community. I am pleased to advise that last night (Friday 02 October into the early hours of Saturday 03 October), there was minimal noise impact from the production site. Thank you and well done all. With thanks & kind regards -From: holeymoley TV < holeymoleytvshow@eurekaproductions.com.au > Sent: Saturday, 3 October 2020 12:01 AM To: Subject: Noise reduction Holes Moley Hi Thank you for your call earlier today! We have turther looked into reducing the noise impact and have put a few additional measures into place tonight, we are hoping that these will help. ભુease દેવા મુંભુ to contact us either through the number you called today or through this email address. If we aren't able to answerthe phone, one of our team members will get back to you as soon as possible! Kindest regards,



6 November 2020

Dear Resident/Tenant

We wanted to extend our gratitude for your continued patience during the filming of Holey Moley Australia

Whilst we are aware that there was disruption to a small number of residences during the period, we have also received an overwhelming amount of positivity from those who attended the event and surrounding suppliers and businesses who have benefited from it during what has been a testing year for many.

Throughout the event we listened to your concerns and mitigated issues, mainly relating to noise where possible during the 8 day shoot.

We are looking at further ways to reduce such impact on future events should Holey Moley return in 2021.

The issues of main concern were those relating to noise coming from generators and amplified audio from speakers. We will be redesigning our site plan which will have the generators positioned in a different area of site. We will also look to position any PA away from the border of the site most effected.

With this, we hope that we can continue to run the event in 2021 again with what has been an incredibly successful series both economically for the Redland City Council area and for workers in the entertainment industry in QLD.

All the best,

Holey Moley Production Team Eureka Productions Pty Ltd

Level 2, 67-69 Chandos St, St Leonards NSW 2065 | T: (02) 9157 0886

The streets that our initial correspondence went out to and we'd intend to distribute this follow up letter to would be:

South Street upto Wellington Street

Enterprise Street
Flamingo Cresent
Swallow Street

Honey Eater Court

Weippin Street 9Mater Hospital and Bayside Park Early Education

Centre
Cockateil Court
Peachface Court

Lorikeet Drive

Brindabella Ciruit Dave port Street Angliss Circuit Kidman Circuit

Goddard Road Glencoe Street

Rowe Cresent Lewis Street Allary Street Walter Drive

Gofrey Street Mcpherson Street Congreve Cresent Abraham Street

Bygraves Street Daughtrey Street Lochridge Street

The streets highlighted in vere the residences where the majority of concerns came from

From: Danielle Fleming

Sent: Wednesday, 2 December 2020 12:30 PM

To: Danielle Fleming

Subject: FW: Event Information Kit, Lighting and Noise/Acoustic Report

From: Kristen Banks

Sent: Friday, 24 July 2020 4:48 PM

To:

Cc: Rod Baxter; Danielle Fleming

Subject: RE: Event Information Kit, Lighting and Noise/Acoustic Report

Hi

Thank you. has since been in contact and had made an e-introduction to who in turn is providing documentation for the acoustic consultant. Rod and I are meeting on site on for a site familiarisation.

Thank you Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P +617 3829 8648

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I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From:

Sent: Friday, 24 July 2020 4:38 PM

To: Kristen Banks < Kristen.Banks@redland.qld.gov.au >

Cc: Rod Baxter < Rod Baxter@redland.qld.gov.au>; Danielle Fleming < Danielle.Fleming@redland.qld.gov.au>

Subject: Re: Event Information Kit, Lighting and Noise/Acoustic Report

Hi Kristen,

Thanks for the follow up detail. I'm just back in the office and catching up on emails.

I understand the access and compliance for acoustic testing is being sorted.

We are confident we will be able to manage requirements on this front and don't want this process to get in the way of our current focus and deadline of getting CEO approval to call a special meeting on Wednesday. I'm fully available again there is anything else I can assist with.

Many thanks,



Chief Content Officer Eureka Productions Level 2 | 67-69 Chandos Street | St Leonards | NSW 2065

www.eurekagroup.tv

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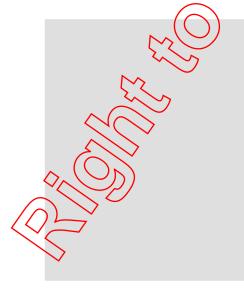
On 24 Jul 2020, at 2:22 pm, Kristen Banks <u>Kristen.Banks@redland.qld.gov.au</u>> wrote:

Good afternoon

Thank you for your time on the phone before take-off to discuss the event management plan, lighting and noise/acoustic report with myself, Rod and Danielle (copied in), which are referenced in special conditions for the lease under the Filming section.

Event Information Kit

As discussed and for your reference, the <u>Event Information Kit</u> provides a good overview of items for consideration in an event management plan.



Acoustic Report

The greatest aspect of the event management plan is the acoustics, which we have separated out and flagged early on, given the proposed hours of operation.

Council has previously suggested that Eureka engage an acoustic consultant to work with the production to provide an acoustic report (a subset of which is a noise management plan) on how to reduce noise to an acceptable level. This should include identification of all noise sources and noise mitigation measures. I've attached an email trail for your reference that includes an extract of the State legislation.

could please email myself and Rod about a potential Monday site visit for the accustic consultant that includes the contractor details, a description of the work with reference to compliance with the CEMP and OPW and a copy of the contractor's Public Liability Insurance "Certificate of Currency", that would be appreciated. We can then organise site access for the acoustic consultant.

Thank you Kristen

Kristen Banks

Executive Officer

Community and Customer Services Redland City Council

P+617 3829 8648

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I acknowledge the traditional custodians of the lands and seas where I work. I pay my respects to Elders, past, present and future.

From: Danielle Fleming

Sent: Wednesday, 2 December 2020 12:18 PM

Danielle Fleming To:

FW: HM Noise Measurement data Subject:

Attachments: Rion Data.zip

From:

Sent: Friday, 6 November 2020 7:56 AM

To: Danielle Fleming Cc: Kristen Banks

Subject: HM Noise Measurement data

Hi Danielle

Hope you're well?!

Please see the data collected by Noise Measurement Services

The data was collected from 2 areas at the fence line of the site.

Kind regards

Noise Measurement Services Pty

T: +61 (0) 7 3355-9707 | F: +61 (0) 7 3355-7210 | www.noisemeasurement.com.au

18 Lade St, Gaythorne, Brisbane, QLD 4051



Production Supervisor

Eureka Productions

Level 2, 67-69 Chandos Street, St Leonards, NSW 2065

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33				51.2		66.2	45.8	
34				52.8		69.1	45.4	
35				50.9	80.4	68.5	45.2	
36		. 1		48.6	78.1		45.3	
37				48	77.5	54.1	45.1	
38	V V)			49.3	78.8	67.1	45.3	
39				51.3	80.8	66.6	45.6	
40	$\sim \sim \sim$			51.8	81.4	67.4	45.1	
41	$\wedge \wedge \wedge$			52.3	81.8	75.2	44.9	
42	<u> </u>			52.4	82	71.9	45	
43	\sim $^{\prime}$			51.4		69.9	44.9	
	3/10/2020 0:45			52.8	82.3	70.9	45	
45	3/1/0/2020 1:00			52.5	82	72.1	44.8	
46	•			51.9	81.4	67.6	44.9	
47				52	81.5	67	45.2	
48				51.7			45.4	
49	3/10/2020 2:00	0:15:00		49.2	78.7	54.8	45.3	

50	3/10/2020 2:15	0:15:00	50.7	80.2	58.4	45.8	
51	3/10/2020 2:30	0:15:00	49.2	78.8	56.8	45.1	
52	3/10/2020 2:45	0:15:00	48.1	77.6	67.9	45.3	
53	3/10/2020 3:00	0:15:00	54.8	84.3	75.8	46.1	(0
54	3/10/2020 3:15	0:15:00	60.8	90.4	86.2	47.1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
55	3/10/2020 3:30	0:15:00	60.2	89.8	79.3	45.5	\widehat{a}
56	3/10/2020 3:45	0:15:00	49.2	78.7	56.4	45.9 (
57	3/10/2020 4:00	0:15:00	49	78.5	62.5	(45/.8)	7
58	3/10/2020 4:15	0:15:00	49.2	78.7	58.7	45.6	
59	3/10/2020 4:30	0:15:00	49.1	78.6	56.8	(
60	3/10/2020 4:45	0:15:00	49	78.5	63.6	45.8	
61	3/10/2020 5:00	0:15:00	50.5	80.1	59.6	45.2	
62	3/10/2020 5:15	0:15:00	46.1	75.7	(63)	37.6	
63	3/10/2020 5:30	0:15:00	44.1	73.6	63.9	37.7	
64	3/10/2020 5:45	0:15:00	44.2	73.7	58.2	39.7	
65	3/10/2020 6:00	0:15:00	51.2	80.7	68.5	39.2	
66	3/10/2020 6:15	0:15:00	48.9	78.4	70.3	39.6	
67	3/10/2020 6:30	0:15:00	47.6	77.2	64.6	39	
68	3/10/2020 6:45	0:15:00	46.4	76	58.9	38.8	
69	3/10/2020 7:00	0:15:00	45.5	75.1	58.7	38.5	
70	3/10/2020 7:15	0:15:00	45.2	14.7	65.2	38.1	
71	3/10/2020 7:30	0:15:00	49.8		73.1	40.7	
72	3/10/2020 7:45	0:15:00	30.3	79.8	75.3	39.2	
73	3/10/2020 8:00	0:15:00	(745.2)	74.8	57.4	37.7	
74	3/10/2020 8:15	0:15:00	48.6	78.2	70.4	40.6	
75	3/10/2020 8:30	0:15:00	49	78.5	65.4	39.7	
76	3/10/2020 8:45	0:15:00	47	76.6	61.9	40.4	
77	3/10/2020 9:00	0:15:00	47.7	77.3	56.7	40.8	
78	3/10/2020 9:15	0:15:00	53.4	82.9	75.1	44.3	
79	3/10/2020 9:30	0:15:00	48.2	77.8	68	42.9	
80	3/10/2020 9:45	0:15:00	48.3	77.9	69.3	38.9	
81	3/10/2020 10:00	0:15:00	48.4	78	63.7	42.1	
82	3/10/2020 10:15	0:15:00	47.3	76.9	64	40	
83	3/10/2020 10:30	0:15:00	45.3	74.8	56.7	39.6	
84	3/10/2020 10:45	0:15:00	47.1	76.7	60	40.8	
85	3/10/2020 11:00	0:15.00	48	77.6	63.8	40.3	
86	3/10/2020 11:15	0:15:00	45.5	75.1	65.8	40	
87	3/10/2020 11:30	0:15:00	46.1	75.7	71.3	39.3	
88	3/10/2020 11:45	0:15:00	49.5	79.1	65	43.8	
89	3/10/2020 12:00	0:15:00	47.4	77	67.9	43.6	
90	3/10/2020 12:15	0:15:00	50.5	80.1	67.1	44.5	
91	3/10/2020 12:30		47.1	76.7	68.4	43.6	
92	3/10/2020 12:45	0:15:00	48.1	77.6	59.9	43.7	
93			49.5		65.1	44	
64	3/10/2020 13:15		49.3	78.8	63.1	45.2	
^9 5	3/10/2020 13:30	0:15:00	49.3	78.8	66.3	45.5	
96	3/10/2020 13:45	0:15:00	49.7	79.3	70.1	44.9	
97	3/10/2020 14:00		49.4		71.9	44.7	
98	3/10/2020 14:15		49.7		68	45.5	
99	3/10/2020 14:30		48.8	78.3	59.6	44.7	

100	3/10/2020 14:45	0:15:00	51.4	80.9	63	44.9	
101	3/10/2020 15:00	0:15:00	53.5	83	74.3	45.1	
102	3/10/2020 15:15	0:15:00	54	83.5	74.8	45.6	_
103	3/10/2020 15:30	0:15:00	53.5	83.1	71.9	45.2	7/
104	3/10/2020 15:45	0:15:00	48.7	78.2	62.8	44.6	<u>'</u>
105	3/10/2020 16:00	0:15:00	48.6	78.1	68.2	44.7	$\widetilde{\ \ }$
106	3/10/2020 16:15	0:15:00	47.5	77	58.3	44.7	/
107	3/10/2020 16:30	0:15:00	48.6	78.1	61.8	(A51.1.)	
108	3/10/2020 16:45	0:15:00	51.4	81	60.8	45.4	
109	3/10/2020 17:00	0:15:00	60.4	90	78.5	7/347.8	
110	3/10/2020 17:15	0:15:00	54.3	83.9	66.8	47.1	
111	3/10/2020 17:30	0:15:00	54.7	84.3	10,2	48.1	
112	3/10/2020 17:45	0:15:00	63.3	92.9	(76.5)	47.7	
113	3/10/2020 18:00	0:15:00	56.3	85.8	74.4	46.7	
114	3/10/2020 18:15	0:15:00	50.4	80	63.4	46.4	
115	3/10/2020 18:30	0:15:00	51.8	81.3	68.5	46.8	
116	3/10/2020 18:45	0:15:00	54.5	~84	70.1	46.2	
117	3/10/2020 19:00	0:15:00	55.9	85.4	69.7	46.5	
118	3/10/2020 19:15	0:15:00	55 /	84.5	70.7	46.8	
119	3/10/2020 19:30	0:15:00	54.7	84.2	69.6	46.2	
120	3/10/2020 19:45	0:15:00	57.8	87.3	72.5	46.5	
121	3/10/2020 20:00	0:15:00	55.6	> 85.2	73.4	46.3	
122	3/10/2020 20:15	0:15:00	2557	84.5	68.6	47.4	
123	3/10/2020 20:30	0:15:00	(756.2)	85.7	69.5	46.2	
124	3/10/2020 20:45	0:15:00	54.6	84.1	69.9	46.3	
125	3/10/2020 21:00	0:15:00	51.3	80.9	65.3	45.9	
126	• •	0:15:00	56.9	86.5	71.1	46	
127	3/10/2020 21:30	0:15:00	53.3	82.9	67.4	46.5	
128		0:15:00	54	83.5	69	46.2	
129	3/10/2020 22:00	0:15:00	60.1	89.6	70.1	46.1	
130	3/10/2020 22:15	A [[]]	51.8	81.3	65.6	46.4	
131	3/10/2020 22:30	$(\cdot) $	52.1	81.6	67.4	45.5	
132	3/10/2020 22:45	_ ' \ \	49.8	79.3	57.2	46.1	
133	3/10/2020 23:00		51.8	81.3	61.6	46.1	
134	3/10/2020 23:15	\ \ \	51.8	81.4	64	46.6	
135	3/10/2020 23:30	0:15.00	53.6	83.1	67.2	46.4	
136	3/10/2020 23:45	0:15:00	54.5	84	68.5	46	
137	4/10/2020 0:00	1	53.5	83	71.5	46.2	
138	4/10/2020 0:15	0:15:00	51.2	80.7	65.4	46.1	
139	4/10/2020 0:30	0:15:00	52.9	82.5	75.1	46	
140	4/10/2020 0:45		53.3	82.8	68.8	46.6	
141	4/10/2020 1:00	0:15:00	53.9	83.5	67.6	46.4	
142	4/10/2020 1:15	0:15:00	52.4	82	68	46.8	
143	4/10/2020 1:30	0:15:00	57.6	87.1	66.4	46.7	
144	4/10/2020 1:45	0:15:00	53.1	82.7	66.4	46.7	
145	A) 10/2020 2:00		52.5	82.1	65	46.6	
146	4/10/2020 2:15		54.3	83.8	73.4	46.6	
147	4/10/2020 2:30		55.6	85.1	70.5	46.5	
148	4/10/2020 2:45		52.2	81.8	71.9	46.1	
) 149		0:15:00	54.5	84	71	46.2	
			-				

150	4/10/2020 3:15	0:15:00	58.6	88.1	74	46.5	
151	4/10/2020 3:30	0:15:00	56	85.5	72.4	46.3	
152	4/10/2020 3:45	0:15:00	57.2	86.7	71.5	46.1	
153	4/10/2020 4:00	0:15:00	58.4	87.9	75.2	46.5	
154	4/10/2020 4:15	0:15:00	55.9	85.4	73.3	47	$\mathcal{L}_{\mathcal{L}}$
155	4/10/2020 4:30	0:15:00	57.8	87.3	71.5	46.1	$\widetilde{\mathcal{A}}$
156	4/10/2020 4:45	0:15:00	58.2	87.8	73.5	47.5 [//
157	4/10/2020 5:00	0:15:00	58.4	87.9	69.6	(48:4)	
158	4/10/2020 5:15	0:15:00	53	82.5	67.6	42.4	
159	4/10/2020 5:30	0:15:00	46.9	76.4	63.2	(7/3)8.8	
160	4/10/2020 5:45	0:15:00	44.9	74.5	65.5	37.9	
161	4/10/2020 6:00	0:15:00	48.6	78.2	68,6	38.2	
162		0:15:00	44.8	74.3	66/1	37.5	
163	4/10/2020 6:30	0:15:00	45.8	75.4	62.9	37.9	
164	· · ·	0:15:00	42.6	72.1	67.6	37.2	
165	4/10/2020 7:00	0:15:00	43.5	73	59.1	36.5	
166	4/10/2020 7:15	0:15:00	41.5	7 1	61.7	36.3	
167	4/10/2020 7:30	0:15:00	40.6	70.1	61.9	36.1	
168	4/10/2020 7:45	0:15:00	42.9	72.5	64.2	36	
169	4/10/2020 8:00	0:15:00	43.4	72.9	64.5	36	
170	4/10/2020 8:15	0:15:00	43.1	12.6	61.8	36.7	
171	4/10/2020 8:30	0:15:00	46.9	76.4	78.2	37.5	
172	4/10/2020 8:45	0:15:00	41	70.5	58.1	36.4	
173	4/10/2020 9:00	0:15:00	(742.3	71.8	61.2	36.9	
174	4/10/2020 9:15	0:15:00	(46.1	75.6	61.3	36.8	
175	4/10/2020 9:30	0:15:00	48.4	78	63.4	39.5	
176	4/10/2020 9:45	0:15:00	48.1	77.7	67.3	39.6	
177	4/10/2020 10:00	0:15:00	47.9	77.4	65.5	38.4	
178	4/10/2020 10:15	0:15:00	44.4	73.9	60	37.7	
179	4/10/2020 10:30	0:15:00	42.6	72.2	56.9	36.2	
180	4/10/2020 10:45		43.3	72.8	62.5	37.1	
181	4/10/2020 11:00	(* /)	45.4	74.9	64.1	37.3	
182	4/10/2020 11:15	_ ` \	43	72.5	60.9	35.8	
183	4/10/2020 11:30		45.2	74.8	63.4	36.4	
184	4/10/2020 11:45	<i>' ' '</i>	44.8	74.4	59.1	36.5	
185	4/10/2020 12:00		44	73.6	56.5	36.9	
186	4/10/2020 12:15		45.9	75.4	64.1	36.8	
187	4/10/2020 12:30	1	43.4	72.9	57.3	36.1	
188	4/10/2020 12:45	/	46.8	76.3	68.3	35.8	
189	4/10/2020 13:00		44.1	73.6	56.4	37.2	
190	4/10/2020 13:15		43.3	72.9	52.9	36.7	
191	V	0:15:00	44	73.5	58.6	37	
192		0:15:00	48.2	77.8	68.6	35.9	
193	4/10/2020 14:00		42.8	72.3	57	36.1	
194	4/10/2020 14:15		43.1	72.7	51.6	34.7	
195	4/10/2020 14:30		43.7	73.2	69.1	36.3	
196			43.7	73.2	51.1	38.4	
197	4/10/2020 15:00		44.2	73.7	54.3	37.1	
198	4/10/2020 15:15		44.2	73.7	53.3	37.6	
199		0:15:00	42.3	71.8	62.1	35.8	
	, :,=========	-					

200	4/10/2020 15:45	0:15:00	41.2	70.7	52	36.5	
201	4/10/2020 16:00	0:15:00	41.6	71.2	56	36	
202	4/10/2020 16:15	0:15:00	44.4	73.9	67	38.8	_
203	4/10/2020 16:30	0:15:00	43.8	73.3	64.4	37.7	7/
204	4/10/2020 16:45	0:15:00	41.3	70.9	52.6	37.6	
205	4/10/2020 17:00	0:15:00	43.1	72.7	58.7	38.2	$\widetilde{)}$
206	4/10/2020 17:15	0:15:00	42.5	72.1	57.5	37.8	/
207	4/10/2020 17:30	0:15:00	42.3	71.8	54.9	(5738)	
208	4/10/2020 17:45	0:15:00	42.6	72.1	57.8	38	
209	4/10/2020 18:00	0:15:00	42.1	71.7	56.9	7/3 7.3	
210	4/10/2020 18:15	0:15:00	46.5	76	70.1	37	
211	4/10/2020 18:30	0:15:00	44.9	74.5	61.3	40.7	
212	4/10/2020 18:45	0:15:00	42.4	71.9	(49/2)	36.7	
213	4/10/2020 19:00		41	70.5	49.8	37.1	
214	4/10/2020 19:15		41.8	71.3	49.4	37.5	
215	4/10/2020 19:30		41.5	71	57.1	37.1	
216	4/10/2020 19:45		39.6	69 .2	46.6	36.7	
217	4/10/2020 20:00		39.6	69.1	47.8	36.1	
218	4/10/2020 20:15		39.7	69.3	51.3	36.4	
219	4/10/2020 20:30		40.5	70.1	53.8	36.1	
220	4/10/2020 20:45	0:15:00	39.6	69.2	50.3	36.6	
221	4/10/2020 21:00		40.6	70.2	48.4	36.6	
222	4/10/2020 21:15		39.3	68.9	54.9	36.3	
223	4/10/2020 21:30	0:15:00	740.1	69.7	49.3	36.7	
224	4/10/2020 21:45		39.5	69	49.8	36	
225	4/10/2020 22:00	0:15:00	39.9	69.4	50.9	35.8	
226	4/10/2020 22:15	/ - \	38.9	68.5	47.3	35.5	
227	4/10/2020 22:30		39.5	69.1	55.7	35.5	
228	4/10/2020 22:45	<i>/</i> \(\ \	39.3	68.8	50.4	35.3	
229	4/10/2020 23:00	0:15:00	39.7	69.3	52	35.3	
230	4/10/2020 23:15	A [[]]	38.5	68.1	56	34.6	
231	4/10/2020 23:30	$(\cdot) (\cdot)$	39.8	69.4	58.8	34.4	
232	4/10/2020 23:45	~'\\	38.8	68.4	46.9	34.8	
233	5/10/2020 0:00	.17	38.9	68.4	63.5	34.5	
234	5/10/2020 0:15		37.8	67.3	48.4	33.9	
235	5/10/2020 0:30		36.2	65.7	45.3	33.5	
236	5/10/2020/0:45		35.7	65.2	47.4	33.2	
237	5/10/2020 1:00	1	35.9	65.4	43.1	33.5	
238	5/10/2020 1:15		35.4	64.9	50	33.1	
239	5/10/2020 1:30		36.8	66.3	44.5	33.9	
240	5/10/2020 1:45		39.3	68.8	67.1	34.2	
241	5/10/2020 2:00		37.2	66.7	49.6	33.8	
242	5/10/2020 2:15		51.5	81	68.9	34	
243	5/10/2020 2:30		51.9	81.5	70.3	33.9	
244	5/10/2020 2:45		36.5	66	46.9	33.6	
245	20/2020 3:00		35.8	65.4	45.5	33.4	
246	5/10/2020 3:15		36.2	65.7	45	33.3	
247	5/10/2020 3:30		35.4	65	44.1	33.3	
248	5/10/2020 3:45		35.5	65	44.9	33.1	
249	5/10/2020 4:00	0:15:00	36.8	66.4	50.9	33.4	
5	5, 25, 2525 1.00		20.0	55	20.5	33	

250	5/10/2020 4:15	0:15:00	39.3	68.9	54.7	33.9	
251	5/10/2020 4:30	0:15:00	41.5	71	56.1	34.5	
252	5/10/2020 4:45	0:15:00	45.9	75.5	60.9	36.6	_
253	5/10/2020 5:00	0:15:00	44.2	73.8	64.9	37.4 <i>(</i>	<i>(</i> 7
254	5/10/2020 5:15	0:15:00	46.9	76.5	65.3	39.5	~\
255	5/10/2020 5:30	0:15:00	46.3	75.8	62.4	39.7	$\frac{1}{2}$
256	5/10/2020 5:45	0:15:00	45.4	75	65.7	38.1	リ
257	5/10/2020 6:00	0:15:00	47.4	76.9	69.4	(37:57	
258	5/10/2020 6:15	0:15:00	44.5	74.1	66.3	37	
259	5/10/2020 6:30	0:15:00	49.2	78.7	,66	() 39	
260	5/10/2020 6:45	0:15:00	50.6	80.1	68.1	35.1	
261	5/10/2020 7:00	0:15:00	40	69.5	(E7)	33	
262	5/10/2020 7:15	0:15:00	39	68.5	(59.1)	33	
263	5/10/2020 7:30	0:15:00	38.9	68.5	61.6	33.8	
264	5/10/2020 7:45	0:15:00	38.7	68.2	52	33.3	
265	5/10/2020 8:00	0:15:00	42.5	72.1	65.1	33.1	
266	5/10/2020 8:15	0:15:00	41.8	71.3	60.9	33.5	
267	5/10/2020 8:30	0:15:00	42.8	√(2.4)	63.6	33	
268	5/10/2020 8:45	0:15:00	39.2	68.8	55.5	33.9	
269	5/10/2020 9:00	0:15:00	43.5	73	63.4	35.5	
270	5/10/2020 9:15	0:15:00	44,2	13.8	65.3	36	
271		0:15:00	43.5	73.1	62.6	36.9	
272	5/10/2020 9:45	0:15:00	42.3	71.9	58.8	36.8	
273	5/10/2020 10:00	0:15:00	(7A1.9)	71.5	52	36.8	
274	5/10/2020 10:15	0:15:00	(45.6	75.2	65.3	36.3	
275		0:15:00	42.9	72.4	58	36.2	
276	5 5/10/2020 10:45	0:15:00	44.3	73.9	57.6	41.2	
277		0:15:00	47.9	77.4	68.6	40.9	
278	5/10/2020 11:15	0:15:00	48.2	77.7	69.4	41.5	
279	5/10/2020 11:30	0:15:00	46.7	76.2	62.4	40.8	
280	5/10/2020 11:45	0:15:00	45.6	75.1	59.8	41.3	
281	5/10/2020 12:00	0:15:00	47.4	76.9	57.6	42.9	
282	5/10/2020 12:15	0:15:00	45.9	75.4	62.4	42.9	
283	5/10/2020 12:30	0:15:00	45.1	74.6	53.9	42.4	
284	5/10/2020 12:45	0:15:00	45.5	75	59.5	42.6	
285			46.4	75.9	59.9	42.8	
286	5/10/2020 13:15	0:15:00	46.1	75.6	60.5	42.7	
287	5/10/2020 13:30	0:15:00	45.3	74.9	56	42.9	
288	3 5/10/2020 13:45	0:15:00	47	76.6	69.6	42.6	
289	5/10/2020 14:00	0:15:00	45.8	75.4	56.2	42.7	
290	5/10/2020 14:15	0:15:00	46.3	75.9	60.3	43.4	
291	5/10/2020 14:30	0:15:00	46.4	75.9	55.9	43.2	
292	5/10/2020 14:45	0:15:00	46.3	75.8	59.5	43.1	
293	5/10/2020 15:00	0:15:00	45.8	75.4	57.3	42.9	
294	5/10/2020 15:15	0:15:00	45.5	75.1	60.5	42.6	
295	5/10/2020 15:30	0:15:00	46.9	76.4	63	42.7	
296	5/10/2020 15:45	0:15:00	46.6	76.2	54.5	43.2	
297			46.5	76	54.2	43.1	
298			46.6	76.1	53.4	43.7	
7 299			46.6	76.2	60.2	44.2	
	· · ·						

300	5/10/2020 16:45	0:15:00	47.3	76.8	72.3	43.5	
301	5/10/2020 17:00	0:15:00	45.4	75	57.8	38.8	
302	5/10/2020 17:15	0:15:00	42.7	72.3	57.1	37.9	_
303	5/10/2020 17:30	0:15:00	42.2	71.8	54	38.1	0
304	5/10/2020 17:45	0:15:00	41.5	71.1	59.8	37.2	~_
305	5/10/2020 18:00	0:15:00	41.3	70.9	59.1	37.6	$\widetilde{\mathcal{L}}$
306	5/10/2020 18:15	0:15:00	42.9	72.4	57.7	37 [/
307	5/10/2020 18:30	0:15:00	49.2	78.7	53.6	(9311, 7	
308	5/10/2020 18:45	0:15:00	47.8	77.3	52.5	37.2	
309	5/10/2020 19:00	0:15:00	40.4	70	,57 ((7/37.1	
310	5/10/2020 19:15	0:15:00	41.1	70.6	54.7	37	
311	5/10/2020 19:30	0:15:00	40.2	69.7	63.77	35.6	
312	5/10/2020 19:45	0:15:00	38.3	67.8	(54/1))	35.2	
313	5/10/2020 20:00	0:15:00	38.4	68	51.3	35.7	
314	5/10/2020 20:15	0:15:00	37.6	67.1	46.2	35.5	
315	5/10/2020 20:30	0:15:00	37.5	67.1	50.4	35	
316	5/10/2020 20:45	0:15:00	37.9	67.4	45.4	35.3	
317	5/10/2020 21:00	0:15:00	46.5	76.1	73	35.1	
318	5/10/2020 21:15	0:15:00	37.8	67.3	52.3	35.5	
319	5/10/2020 21:30	0:15:00	37.3	66.9	49.5	35.3	
320	5/10/2020 21:45	0:15:00	37.2	66.7	45	35.2	
321	5/10/2020 22:00	0:15:00	136.8	66.3	45.3	35	
322	5/10/2020 22:15	0:15:00	37.47	67	48.8	35.2	
323	5/10/2020 22:30	0:15:00	(736.6	66.1	45.7	35	
324	5/10/2020 22:45	0:15:00	36.4	65.9	45.3	35.1	
325	5/10/2020 23:00	0:15:00	36.9	66.5	47.4	35.2	
326	• •	0:15:00	36.2	65.7	41.1	34.9	
327	5/10/2020 23:30	0:15:00	36.4	65.9	42.4	35	
328	5/10/2020 23:45	0:15:00	36.6	66.1	46.5	35	
329	6/10/2020 0:00	0:15:00	36.9	66.4	46.6	35.6	
330	6/10/2020 0:15	A [[]]]	36.7	66.2	47.3	35.2	
331	6/10/2020 0:30	0:15:00	36.3	65.9	49.3	34.8	
332	6/10/2020 0:45	_ ' \ \	36.6	66.1	43	35.1	
333	6/10/2020 1:00		36.9	66.5	53.5	35.5	
334	6/10/2020 1:15	0:15:00	38	67.5	62.2	35.1	
335	6/10/2020 1:30		36.4	65.9	47.2	35.2	
336	6/10/2020/1:45	0:15:00	37	66.6	50.5	35	
337	6/10/2020 2:00	1	37.1	66.6	53.9	34.9	
338	6/10/2020 2:15	0:15:00	36.8	66.3	52	35	
339	6/10/2020 2:30	0:15:00	36.4	65.9	46.1	34.9	
340	\sim	0:15:00	38.7	68.3	60.7	34.8	
341	6/10/2020 3:00	0:15:00	36.7	66.2	43	35.1	
342	\sim	0:15:00	39.5	69.1	58.5	35.1	
343	6/10/2020 3:30	0:15:00	37.6	67.2	52.4	35.3	
344	6/10/2020 3:45		40.1	69.6	59.5	36.2	
345	6/10/2020 4:00		38.4	68	49.5	35.9	
346	6/10/2020 4:15		39.9	69.4	51.1	36	
347	6/10/2020 4:30		44	73.6	57.9	37.3	
348	6/10/2020 4:45		49	78.5	68.3	39.5	
349		0:15:00	46.2	75.8	63.5	40.1	
					*		

350	0 6/10/2020 5:15	0:15:00	4	46.3	75.9	65.1	40.5
35	1 6/10/2020 5:30	0:15:00	4	47.1	76.7	65.3	41.1
35	2 6/10/2020 5:45	0:15:00	4	49.7	79.3	67.1	42.2
35	3 6/10/2020 6:00	0:15:00	4	47.6	77.2	63.4	42.3
354	4 6/10/2020 6:15	0:15:00	4	48.7	78.3	74.8	42.6
35	5 6/10/2020 6:30	0:15:00	4	45.6	75.1	62.1	41.5
35	6 6/10/2020 6:45	0:15:00	į	55.2	84.7	70.3	~41 <i>(</i>)
35	7 6/10/2020 7:00	0:15:00		54	83.6	79.1	(39.4)
35	8 6/10/2020 7:15	0:15:00	4	49.3	78.9	67.5	38.5
359	9 6/10/2020 7:30	0:15:00	4	47.8	77.3	69.2	(🗸 / Ś) 37
360	0 6/10/2020 7:45	0:15:00	į	55.3	84.8	78.3	43.9
36	1 6/10/2020 8:00	0:15:00	į	50.4	79.9	65,6	37.2
36	2 6/10/2020 8:15	0:15:00	4	45.3	74.8	66.8	38.2
36		0:15:00	4	46.3	75.9	60.2	39.5
36		0:15:00		46.6	76.1	63.8	38.9
36		0:15:00		45.5	75.1	61.7	38.4
36		0:15:00	Ţ	50.9	80.4	68.3	41.2
36		0:15:00		45.3	74.9	60.7	39.8
36	• •	0:15:00		46.3	75.9	70.4	38.6
369		0:15:00		51.7 (81.3	71.7	41.2
370		0:15:00		53,5	83	73.3	44.3
37:		0:15:00		53.1	82.6	76.8	44.3
37	· · ·	0:15:00	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	54.9	84.4	75	43.8
37	• •	0:15:00	(0)	53.8	83.3	77.5	44.1
37	• •	0:15:00	\sim	50.6	80.2	70.1	44.2
37		0:15:00		52.9	82.4	71.4	44.8
37	· · ·	0:15:00	/ _ \ \	51.9	81.4	70.1	45
37		0:15:00		50.5	80.1	70.2	44.9
378		0:15:00		53.1	82.6	87.9	44.6
379		0:15:00 /		49.5	79.1	73.5	43.9
380	· · ·	(())	49.5	79	68.7	44.2
38:		(1 /		51.2	80.7	78.3	44.4
38		0:15:00		50.8	80.4	72.2	45.4
383			>	53.2	82.7	81.1	45.5
384		0:15:00		52.8	82.4	72.6	46.8
38		0:15.00		52.1	81.6	72	46.4
38	6 6/10/2020 14:15	0:15:00	Ţ	50.5	80	64.9	46.7
38		1		52.1	81.6	66.7	47.7
388		/		51.5	81.1	66.1	47.1
389	9 6/10/2020 15:00	0:15:00	ţ	51.2	80.8	69.8	47.4
390		0:15:00		52.5	82.1	72.8	46.8
39:	V V)	0:15:00		54.9	84.4	73.8	46.7
39		0:15:00		59.7	89.3	71.8	45.9
39		0:15:00		55.8	85.4	68.7	46.3
39	\sim \sim \sim	0:15:00		52.6	82.1	69.1	46.2
25	\sim 111	0:15:00		49.6	79.2	64.5	46.2
39	\	0:15:00		59.9	89.4	71.4	45.8
39		0:15:00		54	83.6	66.4	46.6
39		0:15:00	Ţ	51.3	80.9	61.8	47.1
39		0:15:00		56.8	86.3	79.2	46.7
	. ,						

400	6/10/2020 17:45	0:15:00	49.4	79	62.8	45.9	
401	6/10/2020 18:00	0:15:00	50.7	80.3	75.5	46.2	
402	6/10/2020 18:15	0:15:00	53	82.6	65.5	46.2	_
403	6/10/2020 18:30	0:15:00	49.1	78.6	62.1	46 (7/
404	6/10/2020 18:45	0:15:00	50.3	79.8	65.2	46.4	٧٧
405	6/10/2020 19:00	0:15:00	54.5	84.1	67.2	46.3	\mathcal{I}
406	6/10/2020 19:15	0:15:00	50.7	80.3	65.3	45.6	
407	6/10/2020 19:30	0:15:00	54	83.5	70.1	(45/2)	
408	6/10/2020 19:45	0:15:00	56.5	86.1	71.2	45.2	
409	6/10/2020 20:00	0:15:00	54.6	84.1	, 68 (7/3 5.4	
410	6/10/2020 20:15	0:15:00	54.6	84.1	69.2	45.3	
411	6/10/2020 20:30	0:15:00	53.4	83	68.4	45.4	
412	6/10/2020 20:45	0:15:00	54.7	84.2	(%)	45.4	
413	6/10/2020 21:00	0:15:00	53.8	83.4	72.2	45.2	
414	6/10/2020 21:15	0:15:00	51.2	80.8	65 .9	45.3	
415	6/10/2020 21:30	0:15:00	51.2	80.8	68.5	45	
416	6/10/2020 21:45	0:15:00	49.3	78 .9	67.5	45.1	
417	6/10/2020 22:00	0:15:00	52.9	82.4	69.7	45.3	
418	6/10/2020 22:15	0:15:00	51.2	80.7	67.4	45.8	
419	6/10/2020 22:30	0:15:00	49.4	79	64.5	45.1	
420	6/10/2020 22:45	0:15:00	47,4	16.9	56.3	45	
421	6/10/2020 23:00	0:15:00	47.2	76.8	55.3	45.2	
422	6/10/2020 23:15	0:15:00	47.7	77.3	54.1	45.6	
423	6/10/2020 23:30	0:15:00	(750.1)	79.7	69.6	45.5	
424	6/10/2020 23:45	0:15:00	(55.2	84.8	70.5	44.9	
425	7/10/2020 0:00	0:15:00	55	84.5	68.1	45.6	
426		0:15:00	53.1	82.7	69.5	45.2	
427	7/10/2020 0:30	0:15:00	51.2	80.7	66.9	44.9	
428	7/10/2020 0:45	0:15:00	52.2	81.7	66.6	45.3	
429	7/10/2020 1:00	0:15:00	50	79.5	68.7	45.2	
430	7/10/2020 1:15	0:15:00	50	79.5	63.1	45.3	
431	7/10/2020 1:30	(1 /)	49.5	79	61.2	45.2	
432	7/10/2020 1:45	_ ' \ \	52.1	81.6	67.2	44.8	
433	7/10/2020 2:00		50.5	80	62.2	45.1	
434	7/10/2020 2:15	0:15:00	47.3	76.9	61.4	44.8	
435	7/10/2020 2:30		49.3	78.9	61	45.1	
436	7/10/2020/2:45		49.7	79.2	64.9	44.9	
437	7/10/2020 3:00	1	48.6	78.2	61	45.1	
438	7/10/2020 3:15	/	50	79.5	61.6	45.3	
439	7/10/2020 3:30		49.9	79.5	62.8	45.2	
440		0:15:00	49.3	78.8	64.8	45.2	
441	7/10/2020 4:00	0:15:00	48.2	77.8	62	45	
442	1/10/2020 4:15	0:15:00	49.8	79.4	64.2	45.4	
443	7/10/2020 4:30		50.4	80	67.3	45.5	
444	\ \ '	0:15:00	50.4	80	60.9	46.6	
445	7/10/2020 5:00		48.6	78.2	56.3	44	
446			46.2	75.7	57.9	40.7	
447	7/10/2020 5:30		45.9	75.4	60.6	41.9	
448		0:15:00	48	77.6	66.3	41.9	
449		0:15:00	46.8	76.3	63.9	40.8	
	., _5, _5_0 0.00	3.20.00	10.0	, 0.5	33.3	.0.0	

450	7/10/2020 6:15	0:15:00	45.3	74.8	57	39.9	
451	7/10/2020 6:30	0:15:00	43.9	73.4	60	38.1	
452	7/10/2020 6:45	0:15:00	45.2	74.8	66.2	36.8	
453	7/10/2020 7:00	0:15:00	46.3	75.8	63.2	36.5	0/
454	7/10/2020 7:15	0:15:00	41.1	70.6	60.4	35.2	YU
455	7/10/2020 7:30	0:15:00	41.6	71.1	63.3	36.2	\mathcal{L}
456	7/10/2020 7:45	0:15:00	44	73.5	64.3	37.4	
457	7/10/2020 8:00	0:15:00	44	73.5	58.8	(371.9.7	
458	7/10/2020 8:15	0:15:00	44.1	73.6	55.6	38.2	
459	7/10/2020 8:30	0:15:00	46.3	75.8	5,6.7	7/40.8	
460	7/10/2020 8:45	0:15:00	46.3	75.8	60	40.3	
461	7/10/2020 9:00	0:15:00	47.1	76.6	64.3	39.6	
462	7/10/2020 9:15	0:15:00	45	74.5	(65.5)	39.6	
463	7/10/2020 9:30	0:15:00	49.1	78.7	69.6	40.9	
464	7/10/2020 9:45		48.8	78.3	65.2	40.2	
465	7/10/2020 10:00	0:15:00	48.4	77.9	62.1	39.3	
466	7/10/2020 10:15		51.7	81.2	69.5	43	
467	7/10/2020 10:30		49.8	79.3	67.3	43.7	
468	7/10/2020 10:45	0:15:00	49.9	79.4	59.9	44.1	
469	7/10/2020 11:00		52.8 (82.3	69.7	46.1	
470	7/10/2020 11:15	0:15:00	\$53\\	82.5	67.7	47.3	
471	7/10/2020 11:30		512.3	> 80.8	64.7	45.5	
472	7/10/2020 11:30		30.9	80.5	65.1	45	
473	7/10/2020 11:43	0:15:00	0.5	79.2	63.2	44.2	
474	7/10/2020 12:00		\bigcirc	78.6	58.3	44.4	
475	7/10/2020 12:13	0:15:00	48.4	78.0	66.7	43.2	
476	7/10/2020 12:30		49.5	79.1	67.4	43.6	
477	7/10/2020 12:43	0:15:00	49	78.5	60.2	44.2	
478	7/10/2020 13:00		49.1	78.5 78.6	62.1	44.2	
479	7/10/2020 13:13	0:15:00	52.5	82	65.7	43.9	
480	7/10/2020 13:30	<u> </u>	49.2	78.8	60.9	44.4	
481	7/10/2020 13:43	$\langle \cdot \cdot \rangle \langle \cdot \rangle$	49.2	78.7	62.4	44.1	
482	7/10/2020 14:00	_ ' / /	48.7	78.7 78.2	65.1	44.1	
483	7/10/2020 14:13		48.7	78.2 78.2	57.7	42.9	
484	7/10/2020 14:30		50.7	80.2		45.6 46.2	
	7/10/2020 14:43				59.7		
485	_		48.5	78.1	61.6	44.8	
486	7/10/2020 15:15	1	48.7	78.2	56.4	45.1 44.7	
487	7/10/2020 15:30	/	51	80.5	74		
488	7/10/2020 15:45		52.4	82	60.8	47	
489	7/10/2020 16:00		59.5	89.1	71.3	47.9	
490	7/10/2020 16:15		60.8	90.3	72.2	47	
491	7/10/2020 16:30		50	79.5	62.6	46.4	
492	7/10/2020 16:45	0:15:00	53.9	83.5	63.3	47.2	
493	7/10/2020 17:00		53.7	83.3	72.1	47.2	
494	7/10/2020 17:15		61.4	91	74.2	53.2	
495	7/10/2020 17:30		53.3	82.8	68	46.8	
496	7/10/2020 17:45	0:15:00	50.6	80.1	68.2	46	
497	7/10/2020 18:00		49.1	78.7	58	46.3	
⁴⁹⁸	7/10/2020 18:15		49.1	78.7	60.6	46.1	
499	7/10/2020 18:30	0:15:00	49.6	79.1	59.5	46.4	

500	7/10/2020 18:45	0:15:00	48.7	78.3	58.7	45.9	
501	7/10/2020 19:00	0:15:00	52.6	82.1	72.2	45.7	
502	7/10/2020 19:15	0:15:00	56.3	85.8	71.4	45.9	
503	7/10/2020 19:30	0:15:00	56.9	86.4	70.7	45.8	,
504	7/10/2020 19:45	0:15:00	54.7	84.2	70.8	45.4	_
505	7/10/2020 20:00	0:15:00	53.4	82.9	68.2	45.3	_
506	7/10/2020 20:15	0:15:00	54.3	83.8	66.9	46.3	
507	7/10/2020 20:30	0:15:00	55	84.5	67.8	(A51.6)	
508	7/10/2020 20:45	0:15:00	51.5	81.1	66.8	45.4	
509	7/10/2020 21:00	0:15:00	52.2	81.7	67.2	7/ 345.4	
510	7/10/2020 21:15	0:15:00	55.3	84.9	71.8	45.8	
511	7/10/2020 21:30	0:15:00	59.1	88.7	68.9	45.9	
512	7/10/2020 21:45	0:15:00	57.3	86.9	(69.4)	46.1	
513	7/10/2020 22:00	0:15:00	51.8	81.3	63.7	45.5	
514	7/10/2020 22:15	0:15:00	49.1	78.6	60.2	45.3	
515	7/10/2020 22:30	0:15:00	53.5	83.1	63.3	46.9	
516	7/10/2020 22:45	0:15:00	51.4	80.9	61	45.7	
517	7/10/2020 23:00	0:15:00	50.5	80.1	57.6	46.8	
518	7/10/2020 23:15	0:15:00	50.7	80.3	71.3	45.6	
519	7/10/2020 23:30	0:15:00	54.5	84.1	69.5	46.5	
520	7/10/2020 23:45	0:15:00	54,4	83.9	72.6	46.7	
521	8/10/2020 0:00	0:15:00	53.6	> 83.1	71.1	46.1	
522	8/10/2020 0:15	0:15:00	34.9	84.4	73.6	46.2	
523	8/10/2020 0:30	0:15:00	(756.9)	86.5	69.4	45.5	
524	8/10/2020 0:45	0:15:00	54.8	84.3	74	45.4	
525	8/10/2020 1:00	0:15:00	49.5	79	74.2	45.4	
526	• •	0:15:00	48.1	77.7	59.5	45	
527	8/10/2020 1:30	0:15:00	48.6	78.2	63.3	45.3	
528	8/10/2020 1:45	0:15:00	48.3	77.9	61.7	45.1	
529	8/10/2020 2:00	0:15:00	50.5	80.1	66.8	45.2	
530	8/10/2020 2:15	0:15:00	48.7	78.2	59.1	45	
531	8/10/2020 2:30	\ ' 1 \ \	48	77.6	57	45.7	
532	8/10/2020 2:45	_ ' \ \	49.6	79.1	62.7	45.2	
533	8/10/2020 3:00		51	80.5	64.7	45.3	
534	8/10/2020 3:15	0:15:00	48.8	78.4	57	45.8	
535	8/10/2020 3:30		48.9	78.5	62.7	45.1	
536	8/10/2020/3:45		49.4	78.9	62	45	
537	8/10/2020 4:00	1	48.9	78.4	61.1	45.4	
538	8/10/2020 4:15	/	49.3	78.8	62.8	44.8	
539	8/10/2020 4:30		49.3	78.8	60.1	45.9	
540	\sim	0:15:00	53.1	82.6	73.8	46.8	
541	W ~ > 7	0:15:00	51.5	81.1	65.7	46.8	
542	\sim	0:15:00	49.5	79.1	60.9	43.8	
543	8/10/2020 5:30		48.1	77.6	65.2	42.6	
544	8/10/2020 5:45		46	75.5	60.5	41.1	
545	2/10/2020 6:00		47.9	77.5	63	41.5	
546	8/10/2020 6:15		49.7	79.3	66.6	42.3	
547	8/10/2020 6:30		48.1	77.7	64.8	41.8	
548		0:15:00	44.4	73.9	65.6	38.7	
549		0:15:00	41.8	71.3	63.7	37.2	
	-, -,					- · · -	

550	8/10/2020 7:15	0:15:00	40.3	69.8	51.9	36.9	
551	8/10/2020 7:30	0:15:00	42.4	72	63.1	36.4	
552	8/10/2020 7:45	0:15:00	44.9	74.4	64.3	36	_
553	8/10/2020 8:00	0:15:00	44.1	73.7	63.8	36.4	7/
554	8/10/2020 8:15	0:15:00	50.9	80.4	70.5	39.2	
555	8/10/2020 8:30	0:15:00	48.7	78.2	60.1	40)
556	8/10/2020 8:45	0:15:00	49.7	79.2	73.6	39.9	/
557	8/10/2020 9:00	0:15:00	44.7	74.2	56.1	(38:3)	
558	8/10/2020 9:15	0:15:00	47.3	76.8	59.1	39.1	
559	8/10/2020 9:30	0:15:00	48.9	78.4	67.6	\ \ <u>\</u> \ <u></u>	
560	8/10/2020 9:45	0:15:00	50.3	79.9	68.8	41.6	
561	8/10/2020 10:00	0:15:00	52	81.5	11.6	43.8	
562	8/10/2020 10:15	0:15:00	53.7	83.3	(701)	43.4	
563	8/10/2020 10:30	0:15:00	49.2	78.7	72.1	41.7	
564	8/10/2020 10:45		54.9	84.5	78 .2	43.9	
565	8/10/2020 11:00		52	81.5	78.6	42	
566	8/10/2020 11:15		47.2	76 .8	62.9	41.6	
567	8/10/2020 11:30		47.2	76.7	58.8	41.7	
568	8/10/2020 11:45	0:15:00	46.4	76	56.2	41.8	
569	8/10/2020 12:00		48.2 (77.8	64.1	42.9	
570	8/10/2020 12:15	0:15:00	48,4	77.9	55.6	44.6	
571	8/10/2020 12:30		48.6	78.1	59	44.5	
572	8/10/2020 12:45	0:15:00	47.2	76.7	62.2	43.2	
573	8/10/2020 13:00	0:15:00	748.3	77.9	56.9	42.8	
574	8/10/2020 13:15	\) (47.9	77.5	63	43.2	
575	8/10/2020 13:30	0:15:00	49.7	79.3	66.4	43.6	
576	8/10/2020 13:45	/ - \	48.9	78.4	69.9	43.5	
577	8/10/2020 14:00	0:15:00	49.2	78.8	67.1	43.7	
578	8/10/2020 14:15		51	80.5	78.6	44.2	
579	8/10/2020 14:30	0:15:00	48.9	78.4	65.3	43.8	
580	8/10/2020 14:45	A [[]]	50.7	80.3	64.2	45.1	
581	8/10/2020 15:00		50.6	80.1	60.7	44.7	
582	8/10/2020 15:15	~ ' / /	50.4	80	63	46.2	
583	8/10/2020 15:30		50.6	80.1	57.6	46.8	
584	8/10/2020 15:45	\ \ \	54.8	84.4	67.2	47.2	
585		0:15:00	56.7	86.2	68.4	46.7	
586	8/10/2020 16:15	0:15:00	50.3	79.8	65.3	46.3	
587	8/10/2020 6:30	1	51.5	81.1	62.8	46.1	
588	8/10/2020 16:45	/	49.6	79.2	59.7	45.2	
589	8/10/2020 17:00		49.1	78.6	56.8	45.8	
590	8/10/2020 17:15		50.8	80.4	74.1	46.2	
591	8/10/2020 17:30		48.8	78.3	62.8	45.5	
592	8/10/2020 17:45	0:15:00	49	78.6	62.3	45.3	
593	8/10/2020 18:00		48.9	78.5	61.2	45.4	
594	8/10/2020 18:15		55.4	84.9	74	45.7	
595	8/10/2020 18:30		52	81.5	74.6	45.7	
596		0:15:00	51.7	81.2	71.8	46.6	
597	8/10/2020 19:00		55.9	85.4	70.8	45.7	
598	8/10/2020 19:15		49.4	78.9	63.6	45.6	
599	8/10/2020 19:30	0:15:00	50.6	80.2	63.2	45.3	
	0, 10, 2020 13.30	3.13.00	50.0	50.2	55.2	+5.5	

600	8/10/2020 19:45	0:15:00	49.6	79.1	63.4	45.2	
601	8/10/2020 20:00	0:15:00	50.4	79.9	63.7	44.6	
602	8/10/2020 20:15	0:15:00	50.8	80.3	62.2	45.4	_
603	8/10/2020 20:30	0:15:00	50.4	80	66.5	45.2	(7)
604	8/10/2020 20:45	0:15:00	50.4	79.9	68.7	45.3	<u>~</u>
605	8/10/2020 21:00	0:15:00	48.1	77.7	60.8	44.8	
606	8/10/2020 21:15	0:15:00	49.3	78.8	65.1	45.2	
607	8/10/2020 21:30	0:15:00	48.7	78.2	61.7	(4514)	
608	8/10/2020 21:45	0:15:00	51.3	80.8	62.6	45.6	
609	8/10/2020 22:00	0:15:00	49.8	79.4	64.6	/ /45.8	
610	8/10/2020 22:15	0:15:00	49.9	79.5	61.2	46	
611	8/10/2020 22:30	0:15:00	52.2	81.7	85.7	45.7	
612	8/10/2020 22:45	0:15:00	55.5	85	(87.6)	45	
613	8/10/2020 23:00	0:15:00	47.5	77	53.6	44.6	
614	8/10/2020 23:15	0:15:00	58	87.5	68.2	46.1	
615	8/10/2020 23:30	0:15:00	50.7	80.2	60.1	45.7	
616	8/10/2020 23:45	0:15:00	51.1	80.7	59	45.6	
617	9/10/2020 0:00	0:15:00	51.8	(81.3)	59.2	45.7	
618	9/10/2020 0:15	0:15:00	51.4	83	64.2	45.4	
619	9/10/2020 0:30	0:15:00	49.6	79.1	64.5	45.5	
620	9/10/2020 0:45	0:15:00	63,9	93.5	96.4	45.2	
621	9/10/2020 1:00	0:15:00	53.5	83.1	67.7	45.1	
622	9/10/2020 1:15	0:15:00	32.87	82.3	70.6	44.8	
623	9/10/2020 1:30	0:15:00	(753.77	83.3	69.6	44.3	
624	9/10/2020 1:45	0:15:00	54.8	84.3	71.3	46.4	
625	9/10/2020 2:00	0:15:00	51	80.6	67.7	44.4	
626	9/10/2020 2:15	0:15:00	50.4	80	70.5	43.5	
627	9/10/2020 2:30	0:15:00	47.2	76.7	57.7	44.2	
628	9/10/2020 2:45	0:15:00	47.3	76.9	62.7	44.1	
629	9/10/2020 3:00	0:15:00	47.3	76.8	54.1	44.1	
630	9/10/2020 3:15	0:15:00	46.3	75.9	49.4	44.2	
631	9/10/2020 3:30	0:15:00	46.6	76.2	56.8	43.9	
632	9/10/2020 3:45	0:15:00	47.3	76.9	65.7	44	
633	9/10/2020 4:00	0:15:00	47.1	76.6	62.3	44	
634	9/10/2020 4:15	0:15:00	47.8	77.3	63.5	44.5	
635	9/10/2020 4:30	0:15.00	49.5	79	65.5	44.8	
636	9/10/2020/4:45	0:15:00	57.7	87.2	73.4	45.4	
637	9/10/2020 5:00	0:15:00	48.3	77.8	63.9	41.3	
638	9/10/2020 5:15	0:15:00	44.7	74.2	57.3	40.6	
639	9/10/2020 5:30	0:15:00	45.9	75.4	60.8	41.4	
640	9/10/2020 5:45	0:15:00	51	80.6	70.7	42	
641	9/10/2020 6:00	0:15:00	51.4	81	71.4	41.2	
642	9/10/2020 6:15	0:15:00	48.7	78.3	64.1	40.9	
643	9/10/2020 6:30	0:15:00	50	79.6	64.9	41.4	
644	9/10/2020 6:45	0:15:00	50.2	79.7	63.5	43.2	
645	9/10/2020 7:00	0:15:00	48.3	77.8	64.8	40.3	
646		0:15:00	46.7	76.2	62.6	39.6	
647	9/10/2020 7:30		51.9	81.5	65.5	45.1	
648	9/10/2020 7:45		52.3	81.8	68.7	47.4	
649	9/10/2020 8:00	0:15:00	53.6	83.1	70.5	43.2	
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650	9/10/2020 8:15	0:15:00		51.9	81.4	62.7	47.1
651	9/10/2020 8:30	0:15:00		52.2	81.7	66.2	46.1
652	9/10/2020 8:45	0:15:00		53.3	82.8	63.1	44.9
653	9/10/2020 9:00	0:15:00		51.2	80.7	63.6	44.1
654	9/10/2020 9:15	0:15:00		51.1	80.7	66.9	45.67
655	9/10/2020 9:30	0:15:00		53.6	83.1	66.1	48.3
656	9/10/2020 9:45	0:15:00		52.7	82.2	62.3	46.2
657	9/10/2020 10:00	0:15:00		49.5	79	57.8	(45:57
658	9/10/2020 10:15	0:15:00		50.1	79.7	65.3	45
659	9/10/2020 10:30	0:15:00		51.9	81.5	63.8	(
660	9/10/2020 10:45	0:15:00		51.1	80.6	69.2	45.6
661	9/10/2020 11:00	0:15:00		56.3	85.8	(4,7)	49.7
662	9/10/2020 11:15	0:15:00		55.7	85.3	68.9	48.6
663	9/10/2020 11:30	0:15:00		53.4	82.9	78.3	47.6
664	9/10/2020 11:45	0:15:00		50.5	80.1	/ 12	45.5
665	9/10/2020 12:00	0:15:00		50.3	79.8	>58.2	45.4
666	9/10/2020 12:15	0:15:00		50	79.6	65.3	44.7
667	9/10/2020 12:30	0:15:00		53.3	A 82.8	69.8	47.9
668	9/10/2020 12:45	0:15:00		49.7	79.3	62.7	43.9
669	9/10/2020 13:00	0:15:00		47.7	77.3	55.8	44.3
670	9/10/2020 13:15	0:15:00		50.6	80.2	72.6	43.8
671	9/10/2020 13:30	0:15:00		49.6	79.2	59.9	44.5
672	9/10/2020 13:45	0:15:00		49.5	79	59.3	44.7
673	9/10/2020 14:00	0:15:00		7/52	80.6	68.5	45.7
674	9/10/2020 14:15	0:15:00	Č	51/9	81.4	70.3	46.6
675	9/10/2020 14:30	0:15:00	40	52.9	82.5	64.6	46.5
676	9/10/2020 14:45	0:15:00	400	54.7	84.2	62.3	49.7
677	9/10/2020 15:00	0:15:00		54.2	83.7	64.4	48.8
678	9/10/2020 15:15	0:15:00		53.9	83.4	67.5	49.1
679	9/10/2020 15:30	(\rightarrow	58.1	87.7	73.6	49.3
680	9/10/2020 15:45	(' ' / \		55.5	85	66.6	47.4
681	9/10/2020 16:00	0:10:43	<u> </u>	60.6	88.7	91.8	47
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32.5 32.4 32.2 32.1 32 49.8 32.5 32.5 32.4 32.2 32.1 32.1 50.2	LA01	LA10		LA50		LA90		LA95		LCpeak	Over	ι	Jnder	Pause	
32.5 32.4 32.2 32.1 32 49.7	32	.5	32.4		32.2		32.1		32	49.8	; -	-		-	
32.5 32.4 32.2 32.1 32 50.3	32	.5	32.4		32.3		32.1		32.1	50.2	! -	-		-	
32.5 32.4 32.3 32.1 32.1 49.4	32	.5	32.4		32.2		32.1		32	49.7	· _	-		-	(O/A)
32.5 32.4 32.3 32.1 32.1 50.1	32	.5	32.4		32.2		32.1		32	50.3		-		-	
32.5 32.4 32.3 32.1 32.1 50.1	32	.5	32.4		32.3		32.1		32.1	49.4		-		- (
32.4 32.3 32.1 31.9 31.8 49.3												_			
32.1 32 31.9 31.7 31.7 50												_		(5)	
31.9 31.7 31.4 31.1 31 48.6												-		~(U	5
31.3 31 29.5 29.3 29.2 51 -										48.6	. -	_	~ ((7/{/	
29.5												_			
29.5 29.5 29.3 29.2 29.1 49.7												-		> -	
29.5													$(\sqrt{/})$	_	
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66.3 57.3 49.4 28.6 28.5 121.8 Over 59.2 52.9 50.4 48.9 48.6 83.7 -											/	$\sqrt{\frac{1}{2}}$		_	
59.2 52.9 50.4 48.9 48.6 83.7													>	_	
55.4 52.5 50.5 49.1 48.9 84.6 - - 54.8 53.6 51.4 48.9 48.5 84 - - 69.5 67.4 51.2 49.8 49.6 86.7 - - 59.7 52.3 49.5 48.4 48.1 86.3 - - 63.7 56.2 49.1 47.6 47.3 84.9 - - 62.1 54.2 48.9 47.7 47.4 86.8 - - 62.7 57.7 50.8 48.2 47.8 99.3 - - 62.5 56.2 48.8 47.2 46.9 90.2 - - 63.4 55.7 48.5 47.1 46.8 83.4 - - 62.5 56.2 48.8 47.2 46.9 90.2 - - 63.4 55.7 48.5 47.1 46.8 83.4 - - 60.1 50.7 47.8 46.7 46.5 85.3												_		_	
54.8 53.6 51.4 48.9 48.5 84 - - 69.5 67.4 51.2 49.8 49.6 38.7 - - 59.7 52.3 49.5 48.4 48.1 86.3 - - 68.7 56.2 49.1 47.6 47.3 89.9 - - 62.1 54.2 48.9 47.7 47.4 86.8 - - 62.7 57.7 50.8 48.2 47.8 92.3 - - 62.5 56.6 49.1 47.6 47.2 84 - - 62.5 56.2 48.8 47.2 46.9 90.2 - - 63.4 55.7 48.5 47.1 46.8 83.4 - - 64.9 57.9 48.1 46.7 46.5 85.3 - - 64.9 57.9 48.1 46.9 46.8 83.4 - - 62.5 49.9 47.3 46.9 85.8 - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>/ ~ `</td><td>> -</td><td></td><td>_</td><td></td></td<>											/ ~ `	> -		_	
69.5 67.4 51.2 49.8 49.6 98.7												, -		_	
59.7 52.3 49.5 48.4 48.1 88.3 - - 58.3 51.6 49.2 47.7 47.2 88.9 - - 63.7 56.2 49.1 47.6 47.3 89.9 - - 62.1 54.2 48.9 47.7 47.4 86.8 - - 62.7 57.7 50.8 48.2 47.8 92.3 - - 63 56.6 49.1 47.6 47.2 84 - - 62.5 56.2 48.8 47.2 46.9 90.2 - - 63.4 55.7 48.5 47.1 46.8 83.4 - - 60.1 50.7 47.8 46.7 46.5 85.3 - - 64.9 57.9 48.1 46.9 46.6 85.3 - - 60.7 53.9 48.4 47.1 46.9 81.8 - - 60.7 53.9 48.4 47.4 47.1 83.4										-6-6	\sim \setminus \sim	_		_	
58.3 51.6 49.2 47.7 47.2 88 -												_		_	
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56.4	53.2	49.5	47.6	47.2	85.4 -	-	-	
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49.4	48.8	47.8	46.8	46.6	82.8 -	-	-	
65.5	55	53.3	48.2	47.8	91.9 -	-	-	(0)
73.5	54.5	52.3	51.4	51.2	101.5 -	-	-	
74.3	59.5	49.4	47.3	47	97.6 -	-	- (
53.3	50.5	48.8	47.5	47.2	87.6 -	-	-	
54.3	49.8	48.5	47.6	47.3	82.7 -	-	(571	5
54.6	50.6	48.5	47.2	47	81.5 -	-		')
52.8	50.1	48.8	47.5	47.2	81.2 -	- ^	$(\bigcirc / \langle \rangle)$	
53.1	50.3	48.5	47.4	47.2	85.6 -			
55	52.5	50	48	47.5	88.1 -	- (
54.7	48.7	43.9	40.6	40	79.3 -	(\(\lambda \)	() -	
52.4	46	42.1	40.1	39.7	82.5 -		-	
51.6	46.4	42.7	41.1	40.8	75.9 -		-	
62.8	52.6	47.8	42	41.3	80.2 -		-	
60	50.5	45.3	41.4	40.9	81.1 -	<u> </u>	_	
56.2	49.5	46.4	41.9	41.1	74.8	> -	_	
53.8	49.3	44.9	41.1	40.6	77.7	> -	_	
52.2	48.5	43.9	40.5	40.2	739-	-	-	
54.6	47.5	42.7	40.1	39.8	80.4 -	-	_	
58.2	51	46.4	43	42.4	1 83.6 -	-	_	
60.6	49.9	46.2	44.1	43	86.6 -	-	_	
53.8	49.2	42.1	39.6	39.β <i>(</i>)	80.5 -	-	_	
53.8	51.2	47.2	43.7	42.9	85.2 -	-	_	
56.5	51.7	47.6	42.7	41.9	86 -	-	_	
54.1	49.7	45.4	43.2	42.6	83.4 -	-	-	
53.1	50.2	47	43.3	42.4	90.5 -	-	-	
65.9	50.9	48.1	46.1	45.7	89.5 -	-	-	
56.3	49.4	46.8	45	44.6	90.9 -	-	-	
57.8	50.2	43.9 <i>(</i>	2,40.8	40.2	100.1 -	-	-	
58.5	48.8	46.2	44.7	44.4	88.1 -	-	-	
57.7	48.8	45.5	42.6	42	92.1 -	-	-	
50.6	47.4	A4.7	41.9	41.4	94.2 -	-	-	
54	50.9	44.8	42.6	42.2	90.7 -	-	-	
53.7	51	47.2	42.3	41.9	87.2 -	-	-	
54.3	46.8	43,8	41.9	41.6	81.8 -	-	-	
53	48	44,2	42.1	41.7	91.2 -	-	-	
56.8	52.1	48	45.9	45.4	95.8 -	-	-	
52.4	49.2	46.5	45.2	44.9	88.4 -	-	-	
59	52.6	48.9	46.2	45.9	91.1 -	-	-	
51.2	48.3	46.6	45.5	45.2	91.4 -	-	-	
53.7	58.2	47.1	45.6	45.3	97.4 -	-	-	
56.9	51.4	48.3	46.1	45.6	96 -	-	_	
53.7	51	48.8	46.9	46.5	95 -	-	-	
7 53.1	\$0.4	48.9	47.5	47.1	91.7 -	-	-	
59.5	50.2	47.7	46.6	46.3	95.1 -	-	-	
58	50.5	48.4	46.9	46.5	92.6 -	-	-	
53.3	51.3	49.3	47.7	47.3	91.6 -	-	-	
53.1	50.3	48.2	46.8	46.3	96.2 -	-	-	

61.2	53.5	48.4	46.5	46.2	90.1 -	-	-	
61.7	57	49.9	47	46.7	100.9 -	-	-	
64.3	55.9	50.6	48.1	47.6	90.5 -	-	-	
62.2	56.7	50.2	47.1	46.7	87.7 -	-	-	(0/0)
55.2	50.4	47.7	46.4	46.1	85.6 -	-	-	
56.3	49	47.2	46	45.8	82.5 -	-	- (
51.2	48.4	47.1	46.2	45.9	87 -	-		
52.2	49.8	48.2	47.1	46.9	87.7 -	-	(5)1	17
59.1	55.8	48.5	47.3	47	86.7 -	-		9
71	64	53.2	49.5	49.1	99.3 -	- 🦯 ((7/5)	
60.3	57.7	52.7	50	49.3	89.9 -	- \		
61.1	58.2	53.1	50.2	49.8	90.6 -	-	√ -	
71.3	66.9	60.9	56.2	50.6	94.1 -	(\\/\)) -	
68.2	56.2	50.7	48.7	48.3	93.5 -		-	
55.2	52	50	48.4	48.1	88.1 -		-	
61.6	52.1	49.8	48.7	48.5	90.8 -	\ <u>-</u>	-	
65.5	57.4	50.1	48.1	47.9	84.9 - 🦳		-	
64.9	61.2	50.9	48.3	48	88.2	→ -	-	
65.9	58.9	49.4	48.3	48.1	85.1	S -	-	
65.5	58.2	49.2	47.9	47.6	83(2 -)	-	-	
66.5	62.3	51.7	48.4	48	V87.7 -	-	-	
66.1	59.4	49.4	47.8	47.6	1 88 -	-	-	
63.3	57.4	53.4	50.3	49.2	89.4 -	-	-	
65	60.9	51.3	48.1	47.	92.8 -	-	-	
64.2	58.5	50.1	48	47.7	89.5 -	-	-	
60.4	54	48.7	47.6	47.4	91 -	-	-	
66.7	61.2	52.1	47.5	47.2	88.6 -	-	-	
64.2	55.9	49.5	48.1	47.8	82.3 -	-	-	
63.7	57.4	50.3	47.9	47.6	84.3 -	-	-	
68.6	66.8	50.2	47.7	47.4	88.8 -	-	-	
60.9	54.7	49.1 <i>(</i>	^\47.8J/	47.6	82.2 -	-	-	
62.9	53.9	48.5	47.5	47.2	81.8 -	-	-	
54	52	49.1	48	47.8	85.9 -	-	-	
59.3	56.2	48.9	47.7	47.4	87.9 -	-	-	
59.1	54.8	49.9	48.6	48.4	87.8 -	-	-	
62.5	57.4	50.3	48.1	47.8	85.1 -	-	-	
64.2	58.3	50,1	47.5	47.3	84.3 -	-	-	
62.5	57.1	49,7	47.9	47.6	97.6 -	-	-	
60.6	53.2	48.8	47.7	47.4	84.4 -	-	-	
62.6	56.2	49	47.5	47.3	101.7 -	-	-	
62.9	56.8	49.3	48.2	47.9	84.3 -	-	-	
64.1	57	50.3	48.5	48.2	92.6 -	-	-	
61.1	55.3	49.9	48.8	48.5	88.4 -	-	-	
65.1	62.2	53.8	48.8	48.4	90.7 -	-	-	
61(.5	56.4	49.7	48.6	48.2	88.7 -	-	-	
60.5	56.5	49.7	48.1	47.8	84.7 -	-	-	
64.2	57.7	49.2	48.2	48	93.1 -	-	-	
67.3	58.5	49.2	47.9	47.6	86.8 -	-	-	
63.6	52	48.5	47.6	47.4	86.4 -	-	-	
65.9	57.6	48.5	47.6	47.4	86.2 -	-	-	

71.1	61.9	50.6	48	47.7	89.7 -	-	-	
66.8	60.4	49	48	47.8	84.6 -	-	-	
67.7	61.7	49.8	48.1	47.8	85.6 -	-	-	
69.2	62.2	51	48.4	48	86.7 -	-	-	(O/A)
66.7	59.8	49.7	48.6	48.4	87.1 -	-	-	
67.9	62.1	51.5	48.8	48.3	84.5 -	-	- (
69.8	61.5	51.7	49.4	49	85.6 -	_		
68.3	61.5	52	49.9	49.7	92.1 -	-	(Ωr)	
61.1	57.5	50.1	44.7	44.2	88 -	_	\sim	<i>J</i>
55.1	49.5	44.9	42.1	41.3	84.2 -	- ^	(0/1)	
54.5	46.4	41.9	40	39.6	77.2 -			
61.5	49.4	44.3	41.8	40.9	78.8 -			
54	47.2	41.3	39	38.6	78.8 -	_(\(\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}})	
55.4	48.8	42.4	40	39.5	72 -		_	
50.8	43.9	40.5	39.2	38.9	78.7 - '		_	
53.7	46.3	40.1	38.3	38	72 -		_	
51	43.2	39.1	37.6	37.3	70.1 -		_	
48.7	41	38.3	37.2	37.3	71.4		_	
53.5	44.8	38.9	37.2	37	72		_	
55.1	44	38.8	37.2	37.2	7/2/9 -	✓ <u> </u>	_	
55	44	39.4	38.1	37.8	>~7×6	_	_	
52.8	45.6	40.3	38.6	38.4	V 84 3 -	_	_	
32.8 48	43.0 42.7	39.9	38.4	38.1	9775 -	-	_	
49.9	44.8	40.2	38.7	38.4(7)	84.2 -	-	-	
55.8	44.8 49.7	41.6	38.7	38.4	87.6 -	-	-	
		41.6 44.9	36.7 41.5	41	92.8 -	-	-	
57.3 59.3	52.1 49.7	44.9 45	41.3	41	92.8 - 89.2 -	-	-	
59.7	49.7	43.1	40.8	48.2	88.1 -	-	-	
51.3			40.7	40.2		-	-	
	46.7 45.1	43.2	\sim	\	87.8 <i>-</i>	-	-	
49 40.1	45.1 45.5	41.3	38.5 2,39.1	37.8 38.7	89.7 -	-	-	
49.1 53.5	45.5 47.6	42 (40.1	39.1	83.9 - 90.1 -	-	-	
33.3 49.2	47.6 45	43.3 42 (39.2			-	-	
54.9	45 47.1	42 43.1	39.8	38.3 39	83.8 - 89 -	-	-	
52.8	47.1	42.9	38.8	38.1	93.3 -	-	-	
		\ \	\			-	-	
50 56.5	47.2	42.4	38.8	38.2	89.7 <i>-</i>	-	-	
	48.1	42.7	39.5	38.8	89.8 -	-	-	
48.9	46	(- 	39.2	38.4	93.3 -	-	-	
59.5	47.8	42.2	38.2	37.6	90.5 -	-	-	
50.2	46.6 46.5	43.1	40.1	39.4	85.2 -	-	-	
50.4	V >7	41.6	38.5	38	88.9 -	-	-	
50.2	46.7	42.9	39.3	38.7	93.6 -	-	-	
62.1	46.1	41.7	38.9	38	89.4 -	-	-	
48.9	4 5.5	41.5	38.3	37.8	85.3 -	-	-	
49	46	42.2	37.5	36.7	91.9 -	-	-	
49.2	46	42.3	39.2	38.5	85.8 -	-	-	
48.3	45.9	43.1	40.7	40.1	87.6 -	-	-	
49.8	47 46.6	43.2	40.1	39.4	88 -	-	-	
49.8	46.6	43.3	40.1	39.7	91.1 -	-	-	
49.8	44.6	40.1	37.8	37.3	87.3 -	-	-	

45.6	43.4	40.5	38.4	37.9	82.9 -	-	-	
47.5	43.8	40.8	38	37.5	83.2 -	-	-	
50	46	43.2	41.1	40.7	82.5 -	-	-	
53.1	45.1	42	40.2	39.8	84.3 -	-	-	(a)
45.5	43.1	40.7	39.2	38.9	84.4 -	-	-	
50.7	44.9	41.9	40.2	39.8	84.8 -	-	- (0
49.6	44.8	41.3	39.5	39.1	75 -	-		
47.7	44.3	41.4	39.5	39.2	78.8 -	-	(Ω)	
48.5	44.4	41.7	40.1	39.7	88.7 -	-	~((<i>J</i>
48.1	44.2	41.1	39.6	39.3	81.5 -	- ^	(0/3)	
58.2	44.8	40.6	38.8	38.4	87.6 -			
49.3	45.7	44.5	43.1	42.6	72.3 -	- (
46.1	44.5	41.8	39	38.6	71.3 -	_((/ / /	() -	
45.2	42.7	40.5	38.9	38.6	70.1 -			
46	43.7	41.2	39.5	39.2	70.1 -		-	
45.2	43	41	39.4	39	71.8 -	//	-	
42.8	41	39.3	38.1	37.8	65 -	-	_	
43.7	41	39.2	37.9	37.6	65.9		_	
44.4	40.9	39.2	38	37.6	70.6	· -	_	
48.5	41.5	39.4	37.9	37.4	754 -	, -	_	
43.7	40.9	39.3	38	37.6	\$\frac{1}{26}	_	_	
44.1	42	40.4	39	38.6	\$ 68.5>-	_	_	
42	40.4	39	37.8	37.5	68.8 -	_	_	
45.1	42	39.4	38.1	37.8	64.8 -	_	_	
43.7	41	39	37.5	37.0	70 -	_	_	
44.5	41.6	39.3	37.6	172	71.4 -	_	_	
42.3	40.5	38.6	37.0	36.7	68 -	_	_	
45.2	41	38.7	37.2	36.9	68.5 -	_	_	
44.4	40.9	38.7	37.1	36.8	68.5 -	_	_	
46.9	40.9	39	37.4	37.1	70.8 -	_	_	
42.8	40	38 (2,36.5)	36.2	73 -	-	-	
48.6	40.6	37.9	36.4	36	71.7 -	_	_	
42.8	40.7	38.3	36.7	36.3	63.8 -	_	_	
46.9	38.9	36.9	35.7	35.5	75.8 -	_	_	
43.1	39.4	37.1	35.6	35.1	73.1 -	_	_	
41	37.2	35.8	34.7	34.5	65.5 -	-	-	
38.5	36.8	35,3	34.3	34.1	64.3 -	_	_	
38.4	36.9	35,7	34.7	34.5	60.3 -	-	-	
38.1	36.4	35.1	34.3	34.1	62.1 -	-	-	
39.8	38.1	36.5	35.2	35	63.3 -	-	-	
44.2	38.8	37.1	35.9	35.7	79.8 -	-	-	
42.1	38.6	36.5	35.2	35	61.9 -	_	_	
64.4	46.8	37.1	35.5	35.1	82.8 -	_	_	
65.1	54.9	37.3	35.6	35.2	83.3 -	_	_	
39.9	37.9	36.1	34.9	34.6	76.6 -	_	_	
40.8	37	35.3	34.4	34.2	76.5 -	-	-	
40	37.6	35.8	34.5	34.3	76 -	-	_	
38.3	36.4	35.1	34.3	34.1	75.1 -	-	_	
40	36.6	35	34.2	34.1	72.3 -	-	-	
43.4	38.5	35.6	34.6	34.3	62.9 -	-	_	
			- ···•	- ··· ·	- =-=			

49.7	41.2	36.8	35.3	35.1	67 -	-	-	
50.9	44.3	38.5	36.3	35.9	67.7 -	-	-	
55.4	49	43.2	39.8	39.1	71.6 -	-	-	
51.1	46.2	43.1	40.7	40.1	73.6 -	-	-	(O)
56.8	48.9	44.1	42	41.6	79.3 -	-	-	
54.6	48.5	44.2	42.3	41.7	72.9 -	-	- (
54.6	47	43.4	41.4	40.8	74.8 -	-		
60.2	46.3	42.4	40.3	39.7	78.8 -	-	(5)	
55.7	45.1	40.9	39.1	38.7	76.2 -	-		')
60.5	51.2	45.4	41.3	40.8	91.9 -	- ^	$(\mathcal{O}/\mathcal{S})$	
63.3	52.4	43.4	39.4	38.7	79.1 -	- <		
47.4	41.3	37.7	35.6	35	78.5 -	- (·	
47.4	40.8	36.9	35.2	34.8	71 -	_ ((//	() -	
46.6	40.4	37.2	35.9	35.6	71.7 -		_	
45.7	41	37.2	35.3	34.8	75.7 -		-	
54.6	43.1	36.4	34.5	34.2	78.9 -		-	
54.5	41.6	36.8	34.8	34.5	79.2 -	-	_	
54.8	43.7	36.9	34.6	34.2	77.5	> -	_	
48	41.5	37.2	35.6	35.2	79.2	, -	_	
54.8	44.9	39.8	37.3	36.9	80(3 -	-	_	
55.2	45.6	40.7	38.4	37.9	\$49 -	_	_	
49.2	45.7	42.3	39.9	39.3	×> 82.9	_	_	
48.6	44.6	41.2	39	38.5	817.6 -	_	_	
46.5	43.9	41.3	39.3	38.8	80.8 -	_	_	
57.8	46.7	40.8	38.7	38.3	80.2 -	_	_	
48.6	45.1	41.4	38.2	37.7	81.1 -	_	_	
47.8	45.5	43.9	42.9	42.6	81 -	_	_	
57	52.3	43.4	42.3	42	81.9 -	-	_	
56.1	52	44.3	43	42.7	85.3 -	-	_	
53.5	50.8	43.5	42.3	42.1	83.8 -	-	_	
54.2	47.5	43.7 <i>(</i>	2,42.8	42.5	82.2 -	-	-	
54.9	50.4	45.4	44.2	44	88.2 -	-	-	
50.1	46.7	45.1	44.3	44.1	84.6 -	-	_	
48.5	46.3	A4.7	43.9	43.7	84.1 -	-	_	
49.8	46.7	45	44.1	43.9	87.4 -	-	_	
50.7	48.1	45.7	44.4	44.2	86.4 -	-	_	
52.2	47.1	45,2	44.2	44	88 -	-	_	
49.2	46.4	4/5	44.2	44	82.4 -	-	_	
55.1	47.3	45.3	44.1	43.8	82.9 -	-	_	
50	47	→ _{45.4}	44.3	44	86.9 -	-	_	
49.7	47.6	46	45	44.7	84.9 -	-	_	
50.4	47.9	45.9	44.8	44.5	88.4 -	-	_	
51.7	477	45.5	44.6	44.3	85.4 -	-	_	
51	47.1	45.2	44.3	44.1	85.8 -	-	_	
50.1	46.2	45.1	44.3	44.1	81.6 -	-	_	
53.4	48.2	45.9	44.8	44.5	90.3 -	-	_	
51.2	48.1	46.2	45	44.7	92.6 -	-	-	
50.8	48	46	44.8	44.5	88.2 -	-	-	
49.6	47.7	46.3	45.4	45.2	86.3 -	-	-	
49.6	47.6	46.4	45.6	45.4	87.8 -	-	-	
	0				· · ·			

51.5	47.7	46.2	45.2	45	89.5 -	-	-	
51.1	46.6	45.5	41.3	40.7	81.7 -	-	-	
51.1	44.2	41.5	39.8	39.4	87 -	-	-	
47.8	43.8	41.5	40	39.7	76.5 -	-	-	(O)
48.9	42.4	40.4	39	38.6	81.5 -	-	-	7
47.3	43.2	40.3	39	38.7	90.2 -	-	- (0	
50.3	46.4	40.5	39	38.7	89.7 -	-	-~	
51.7	50.7	49.5	44.6	44.3	73.1 -	-	(57)	5
50.6	50	48.5	39.6	39.2	69.6 -	-)
44.5	41.8	39.8	38.5	38.3	86.8 -	- ^	(\bigcirc/\bigcirc)	
46.6	43	40.1	38.7	38.3	83 -			
47.1	41.7	38.9	36.7	36.4	93.2 -	- (<u> </u>	
45.2	39.3	37.1	36.4	36.3	74.8 -	_ ((//	3) -	
45.5	39.4	37.6	36.7	36.5	71.6 -		/ -	
41.8	38.5	37.2	36.6	36.4	68.2 -		-	
42.1	38.5	37.1	36.3	36.1	67.5 -		-	
42.6	39.4	37.3	36.4	36.2	65.6 -		-	
51.1	38.3	36.6	36	35.9	77.6		_	
42.3	38.8	37.3	36.4	36.2	68.2	, -	_	
41.1	38.2	36.9	36.2	36	68 -	_	_	
41.2	38	36.8	36.1	36	\$\choose \(\choose \) = \(\choose \)	_	_	
40.7	37.7	36.4	35.8	35.7	\$ 62.7y-	_	_	
44.4	37.6	36.8	36.1	35.9	747.5 -	_	_	
39.7	37.3	36.3	35.8	35.7	68 -	_	_	
37.9	37.3	36.3	35.8	35.7	60.9 -	_	_	
39.2	37.9	36.7	36.1	35.9	69.8 -	_	_	
37.7	37.3	36.1	35.6	35.5	62 -	_	_	
37.6	36.9	36.3	35.8	35.7	61.9 -	_	_	
39.9	37.1	36.3	35.9	35.7	70.3 -	_	_	
38.5	37.3	36.8	36.3	36.3	63.4 -	_	_	
39	37.3	36.5 <i>(</i>	2√36.1	35.9	64.5 -	_	_	
38.5	36.9	36.2	35.7	35.6	61.8 -	_	_	
39.5	37.4	36.3	35.9	35.8	67.4 -	_	_	
40.4	37.6	36.6	36.1	36	66.3 -	_	_	
44.1	37.9	36.4	35.9	35.8	73.8 -	_	_	
37.9	36.8	36.3	35.8	35.7	66.7 -	_	_	
43.1	37.4	36.5	35.8	35.7	68.8 -	_	_	
45.3	37.1	36.1	35.6	35.5	65.4 -	_	_	
40.3	37.5	36.4	35.7	35.6	61.7 -	_	_	
40.2	36.8	36.1	35.7	35.6	67.7 -	_	_	
49.2	37.5	36	35.5	35.3	74.9 -	_	_	
40.1	37.5	36.4	35.9	35.8	64.3 -	_	_	
50	39.8	36.8	36	35.9	70 -	_	_	
42.7	38.4	37	36.3	36.2	67.1 -	_	_	
50.2	38.8	37.7	37	36.9	71.9 -	_	_	
43.9	89.8	37.6	36.8	36.6	66.5 -	_	-	
46.7	42	38.9	37	36.8	71.6 -	_	-	
54.7	46.3	41.1	39.2	38.8	82.4 -	_	-	
61.2	49.1	45.1	42.7	42.1	78.6 <i>-</i>	_	-	
54.8	48.4	44.2	42.2	41.7	74.8 -	_	-	
2				,				

54.6	47.9	44.6	42.8	42.4	76.2 -	-	-	
55.5	49.8	44.9	43.1	42.7	74.8 -	-	-	
60.8	51	46.2	44.5	44.1	76.4 -	-	-	
57	48.8	46	44.3	43.9	74.4 -	-	-	(O/h)
56	49.1	46.4	44.6	44.2	91.9 -	-	-	
51.1	47.1	44.7	43.3	43	77.2 -	-	- ($\mathcal{O}_{\mathcal{O}}$
66	60.5	45.5	43	42.6	84.2 -	-	-	
65.1	57.5	44.1	41	40.6	88.6 -	-	(571	17
60.8	50.7	46.3	41.3	40.6	83.4 -	-		9
56	51.6	43.5	39	38.3	81.8 -	- ^	(\bigcirc / \le)	
64.7	56	50	46.6	46.2	90.2 -			
61.4	54.3	45.8	40.6	39.8	86.3 -		<u> </u>	
50.9	47.7	44.3	40.7	40.2	82.9 -		() -	
53.2	49.1	44.9	42.1	41.5	82.3 -		-	
53.7	49	45.3	41.8	41.1	86.3 -		-	
55.6	46.9	43.5	40.8	40.3	82.9 -		-	
61.4	52.4	47.8	44.7	44	84.5 -	-	-	
53.4	47.9	43.2	41.3	41	81.5	> -	-	
53.6	47.7	43.5	40	39.7	82.8	, -	-	
59.7	54.7	49.7	45.1	43.7	89(3 -	-	-	
64.5	55.2	49.3	46.5	45.9	- 6.68	-	-	
65.2	53.3	47.4	45.6	45.3	95 -	-	-	
64.9	58.6	50	46.1	45.5	95.9 -	-	-	
65.3	55.5	48.3	46.2	45.9	95 -	-	-	
59.2	52.5	48.6	46	45.7	87.8 -	-	-	
60.2	56	50.5	47.2	46.7	90.7 -	-	-	
58.2	55.6	49.2	46.8	46.5	93 -	-	-	
59.1	52.7	48.4	46.6	46.4	89.9 -	-	-	
58.9	53.1	48.2	46.5	46.2	112.8 -	-	-	
57.1	50.9	47.5	45. 9	45.5	91.9 -	-	-	
58.1	50.8	47.2	2,46.1	45.7	91.1 -	-	-	
58.2	54	48.2	46.3	45.9	94.6 -	-	-	
58.8	52	48.7	47.3	47	93.5 -	-	-	
62	55.2	49.9	48.2	47.7	99.9 -	-	-	
61	54.6	50.9	√ 49.1	48.7	90.6 -	-	-	
58.5	54	50.7	48.9	48.6	92.7 -	-	-	
55.3	52	49,9	48.4	48.1	92.2 -	-	-	
59.3	53.7	51,2	49.3	49	91.8 -	-	-	
57.3	53.2	50.5	48.9	48.5	92.4 -	-	-	
56.7	52.9	50.4	49.2	48.9	94.1 -	-	-	
61	54.2	50.4	48.6	48.3	91.9 -	-	-	
63.2	57.6	52.9	49	48.5	92.6 -	-	-	
68.2	65.6	54.4	48.3	47.7	92.8 -	-	-	
66.3	56.8	49.2	47.8	47.6	93.7 -	-	-	
√ 64(.6€	53.2	49.6	48	47.7	101.4 -	-	-	
1 54	50.8	49.1	47.9	47.6	89.3 -	-	-	
67.7	64.9	49.9	47.8	47.4	90.3 -	-	-	
62.4	59.3	50.1	48.4	48.1	85.9 -	-	-	
57.8	53.6	50.2	48.7	48.4	88.1 -	-	-	
69.6	55.3	50.5	48.6	48.3	91.5 -	-	-	

54.1	51.2	48.7	47.5	47.2	83.8 -	-	-	
56.1	51.6	48.9	47.7	47.4	88.5 -	-	-	
60.4	56.5	50	47.9	47.5	85.7 -	-	-	
51.7	50	48.9	48	47.7	83.5 -	-	-	(0/8)
57.7	51.9	48.9	48	47.8	87.8 -	-	-	
61.5	58.3	53.4	48.4	47.9	86 -	-	- (
57.9	52.3	49.4	47.6	47.2	85.8 -	-		
62.9	57.2	51.1	47.4	47	86.4 -	-	(57)	5
66.3	61.1	49.8	46.9	46.5	91.1 -	-)
65	58.5	48.3	47.1	46.8	82.8 -	- ^	(\bigcirc / \le)	
63.8	58.5	50	46.8	46.6	83.5 -			
62.8	56.9	49.7	47	46.7	83.3 -	-		
64.1	58.6	49.7	47	46.7	85.1 -	(\(\sqrt{\sq}}}}}}}}}}}}}} \end{\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	´) -	
63.2	57.1	49	46.9	46.6	82.8 -		-	
62.4	52.8	47.7	46.8	46.6	81.4 -		-	
61.3	53.4	47.7	46.6	46.4	81.4 -		-	
59.9	48.6	47.3	46.5	46.3	81.6 -	<u> </u>	-	
63.1	55.5	48.2	46.7	46.5	85.7	> -	-	
60.3	54	48.1	47	46.8	83.4	> -	-	
58.3	50.6	47.7	46.7	46.5	84(5 -	-	-	
48.6	48.1	47.3	46.6	46.4	84 -	-	-	
48.5	47.9	47.2	46.5	46.4	1.6 -	-	-	
49.7	48.6	47.7	46.8	46.6	87.1 -	-	-	
59.8	49.5	47.9	47.1	46.8	83.6 -	-	-	
64.7	59.7	49.6	46.8	46.5) 87.9 -	-	-	
64.6	59.6	49.5	47.3	47.1	85.1 -	-	-	
63.7	55.5	48.8	47.3	46.9	84 -	-	-	
62.4	52.1	48.2	47.2	46.9	83.9 -	-	-	
61.6	55.5	48.2	47.1	46.8	86 -	-	-	
61	49.9	47.9	46.9	46.5	88 -	-	-	
58	52.4	48.2 (2,47.1)	46.8	86.1 -	-	-	
54.3	51.6	48.6	46.9	46.5	83.8 -	-	-	
61.1	56.4	47.6	46.3	46	82.8 -	-	-	
59.3	54.9	AZ.5	46.6	46.4	84.6 -	-	-	
49.2	48.1	46.9	46.2	46	84.6 -	-	-	
56.6	52.1	47.6	46.6	46.4	86.8 -	-	-	
59.3	50.8	47/2	46.3	46.1	86 -	-	-	
56.2	50.8	47,1	46.3	46.2	81 -	-	-	
58.4	53.4	47.4	46.5	46.2	82.9 -	-	-	
58.7	52.8	→ _{47.6}	46.6	46.3	84.5 -	-	-	
59.4	48.8	47.5	46.6	46.5	86.8 -	-	-	
56.4	48.4	47.1	46.4	46.2	82.9 -	-	-	
59.1	51.1	47.8	46.9	46.6	87.4 -	-	-	
59.3	52.1	48.4	47.2	46.9	86.4 -	-	-	
54.4	52.8	49.7	48.2	48	88.9 -	-	-	
519	50	48.4	46.8	46.3	82.1 -	-	-	
51.6	47.8	45.7	43.5	42.9	77 -	-	-	
52.6	47.4	45	43.5	43.2	75.1 -	-	-	
57.7	49.8	45.5	44	43.6	83.6 -	-	-	
54.3	48.6	45.4	43.3	42.8	74.7 -	-	_	

52.4	47.3	44.2	42	41.5	74.4 -	-	-	
51.4	46.6	41.7	39.8	39.5	74.2 -	-	-	
56.9	45.7	40.4	38.5	38.2	93.2 -	-	-	
59.9	44.9	39.7	38.2	37.8	84.6 -	-	-	(a)
48.6	43.4	39.3	37.4	37.1	80.2 -	-	-	
48.4	43.5	40.1	37.9	37.5	85.8 -	-	- (
51.1	46	42.6	39.6	39	93 -	_		
51.1	46.7	42.6	39.5	39.2	81 -	_	(9)	
49.9	46.2	43.4	40.5	39.8	81.1 -	_	\sim	7
52.4	48.3	45.3	43.5	43	81.9 -	- ^	(0/1)	
53.1	49	44.7	42.6	42.1	86.9 -			
53.9	50.6	44.9	42.3	41.8	87.5 -			
52.5	45.6	43.2	41.6	41.2	82.7 -	_((/ /	3)	
60.1	49.6	45.3	43.3	42.9	81.3 -			
57.9	51.8	46	42.4	41.8	84.5 -		_	
57.1	51.1	45.7	43.3	42.5	84.1 -		_	
62.4	54.2	46.9	44.7	44.3	88.3 -		_	
58.9	52.4	47	45.1	44.8	85.2		_	
57	52.3	48.5	46.2	45.9	92	\	_	
61.6	54.8	50.6	48.6	48	93.4	_	_	
59	55.1	52.1	49.5	48.9	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_	_	
57.3	53.2	50.5	48.2	47.6	√ 95 x -	_	_	
60	53.1	48.8	46.8	46.3	91).5 -	_	_	
57.7	52.2	48	46	45.6	91.9 -	_	_	
53.6	51.1	48.5	46.4	45.9	90.4 -	_	_	
56.1	50.2	46.9	45.1	44.8	92.7 -	_	_	
55.2	51.7	48.7	45.1	45.3	94.2 -	_	_	
53.9	51.7	48.1	46.2	45.9	96 -	_	_	
55.2	51.2	48	46.2	45.8	92.7 -	_	_	
62.8	54.1	49.6	47.1	46.3	94.3 -	_	_	
56.9	51.5	47.8 <i>(</i>	ر (((الم	45.7	93.1 -	_	_	
55.4	51.2	48.2	46.3	45.9	92.4 -	_	_	
55.4	51.2	47.6	45.3	44.8	93.5 -	_	_	
53.4	50.6	48.1	45.8	45.4	91 -	_	_	
56.8	53.2	49.5	47.7	47.4	91.4 -	_	_	
52.1	50	48.2	46.6	46.3	87.7 -	_	_	
52.3	50.3	48,3	46.8	46.5	92.3 -	_	_	
56.5	53.1	49.5	47.3	46.7	93.5 -	_	_	
58.3	55.2	51.3	49	48.5	88.2 -	_	_	
67.9	64.7	54.2	50.6	50.1	93.6 -	_	_	
67.9	64.4	58.6	50.3	49.4	98.5 -	_	_	
53.7	51.6	49.5	48.2	47.8	88.8 -	_	_	
60.6	567	52.7	49.5	49	89.6 -	_	_	
62	<i>5</i> 5.5	51.7	49.7	49.4	89.2 -	_	_	
67.3	63.9	61.3	55.8	55.2	92.5 -	_	_	
)60 b	56.3	51.6	48.8	48.4	91.3 -	_	_	
56.8	52	49.9	48	47.5	83.8 -	_	_	
52.4	50.3	48.8	47.8	47.5 47.5	83.1 -	_	_	
54.9	50.2	48.6	47.6	47.3	82.8 -	_	_	
53	50.6	49.3	48.3	48	84 -	_	_	
23	30.0	+3.3	+0.5	70	0-			

52.9	49.9	48.3	47.4	47.2	83.7 -	-	-	
62.3	56.5	48.2	47.3	47	83 -	-	-	
64.9	60.8	48.9	47.2	47	84.7 -	-	-	
66.9	61.3	50.4	47.5	47.1	85.5 -	-	-	(0/0)
65.9	58.1	49.2	47.4	47.1	86.3 -	-	-	
62.5	57.4	48.8	47.1	46.8	85 -	-	- (
63	58.4	50.3	47.9	47.6	83.8 -	-		
63.6	59.3	50.4	47.3	46.9	93.2 -	-	(571	17
61	54.5	48.5	47.4	47	86.6 -	-	~~(()
61.7	54.9	49.5	47.2	46.8	85.5 -	- ^	$(\bigcirc / \langle \rangle)^{-}$	
64.4	59.6	48.8	47.6	47.3	98.6 -			
64.5	61.7	58.6	52	48.1	90.4 -			
64.8	61.1	55.3	47.7	47.4	89.7 -	((//s	′) -	
60.5	56.3	48.1	46.9	46.7	88.4 -		_	
53.7	50.8	48.3	47	46.7	85.1 -		_	
62.1	56.4	51	49.2	48.6	88.7 -	1	_	
59.1	53.5	49.5	48	47.6	88 -		_	
55.9	52.6	49.6	48.3	48	84.7		_	
59	51.2	48.7	47.3	46.9	84.7	,	_	
65	57.9	50.1	48.5	48.2	944 -	✓	_	
66.3	55.9	49.7	48.4	48.1	>~8+7-	_	_	
64.6	56.8	48.3	47.5	47.3	^ 85.6·	_	_	
66.6	58.2	48.6	47.6	47.4	847.8 -	_	_	
64.9	63.5	48.3	47.2	411	87.1 -	_	_	
64.3	58.9	48.6	47.2	47/(87.7 -	_	_	
58.3	55.5	47.4	46.6	46.4	97.7 -	_	_	
54.4	48.9	47.5	46.6	46.3	82.6 -	_	_	
56.4	49.8	47.4	46.6	46.4	79.7 -	_	_	
56.3	48.9	47.4	46.3	46.1	84.3 -	_	_	
60.5	52.7	47.8	46.8	46.5	80.1 -	_	_	
56.3	49.4	47.6 <i>(</i>	246.5)	46.3	83.2 -	_	_	
51	48.7	47.9	47.1	46.9	84 -	_	_	
58.1	51	47.9	46.8	46.6	86 -	_	_	
59.8	54.6	48.2	47.2	46.9	81.5 -	_	_	
54.5	50.5	48	47.2	47	81.8 -	_	_	
56.3	49.8	48	47	46.7	81.3 -	_	_	
56.3	51.3	48	47.1	46.8	85.3 -	_	_	
55.4	49.8	(48)2	47.2	47	86.6 -	_	_	
58.1	50.4	48.1	46.8	46.5	83.2 -	_	_	
54.9	50.8	→48.6	47.6	47.4	83.5 -	_	_	
65.6	51.9	49.6	48.5	48.1	85.6 -	_	_	
61.7	52.6	49.7	48.4	48.1	86.1 -	_	_	
55.7	51.0	48.6	46.2	45.5	82.4 -	_	_	
56.7	50.5	46	44.2	43.9	82.3 -	_	_	
54.1	47.9	44.5	42.8	42.4	77.6 -	_	_	
\$5.6	50.3	46.8	43.5	43	77.0 - 74.5 -	_	_	
59.6	52.1	46.8	43.3 44.8	43 44.4	74.3 - 78 -	_	_	
57.A	52.1	46.8 46	44.8 43.8	44.4	78 - 75.7 -	_	-	
53.7	44.6	46 42.6	43.8 40.6	43.3	75.7 - 75.4 -	-	-	
\ /	44.6	40.1		38.3		_	- -	
48.3	45.5	40.1	38.6	30.3	75.3 -	-	-	

46.7	42	39.3	38.2	37.9	70.4 -	-	-	
52.5	44.1	39.7	37.8	37.5	76.1 -	-	-	
53.1	48.2	42.4	38.6	38	78 -	-	-	
53.2	46.9	41.2	38.1	37.7	78.6 -	-	-	(O)
59.3	53.5	48.3	43	41.6	85.4 -	-	-	
57.6	52.1	45.6	42.3	41.8	89.6 -	-	- (
62.5	48.8	45.1	42.5	41.9	88.8 -	-	-~	
51.8	47	43.3	41.1	40.6	92 -	_	(57)	\sim
54.4	50	45.9	42.5	41.8	89.6 -	_	\sim	7
60.2	49.2	45.9	44.1	43.8	92 -	- ^	(0/s)	
61.3	52.9	46	43.4	42.9	85.1 -			
59.4	54.5	50.4	47.1	45.9	92.4 -	- (
65.6	56	49	46	45.2	89.8 -	_ ((//	() -	
58.2	51.2	46.4	44	43.4	90.8 -		_	
65.4	58.7	50.2	46.1	45.6	98.8 -		-	
62.4	54.3	47.3	43.8	43.4	105.3 -		-	
54.4	49.6	45.9	43.8	43.2	91.8 -	-	-	
54.4	49.2	46	43.8	43.3	96.7	> -	-	
52.8	48.6	45.4	44	43.6	90.2	, -	-	
53.9	50.7	47.1	44.8	44.3	91(5 -	_	-	
52.1	50.4	47.8	46.1	45.8	25 -	_	-	
52.7	50.2	48.1	46.5	46.2	88.6 -	-	-	
51.2	48.8	46.7	45	44.6	92.9 -	_	-	
53	50.5	47.8	45	44.40	92.4 -	_	-	
54	49.6	47.1	45.2	44.7	90.3 -	_	-	
56	51.9	48.6	45.9	45.5	94.9 -	_	-	
53.7	50.7	48.1	46.2	45.6	94.7 -	-	-	
54.7	51.1	48.1	46	45.5	97.1 -	-	-	
59.3	52.3	48.5	46.4	45.9	100 -	-	-	
55.6	51	47.8	45,8	45.4	91.3 -	-	-	
58.3	53	49.4 <i>(</i>	2 (4x)	46.6	92.2 -	-	-	
54.8	52.7	50.1	47.4	46.5	90.9 -	-	-	
54.6	52.4	49.8	47.8	47.4	90.9 -	-	-	
54.3	52.3	50.2	48.5	48.1	91.1 -	-	-	
61.5	58.6	51.8	49.3	48.9	91.7 -	-	-	
62.7	61.3	54.7	48.4	48	88.6 -	-	-	
55	52	49,6	48.3	47.9	86.6 -	-	-	
56.9	53.8	50,5	48.9	48.5	89.4 -	-	-	
54.4	51.	48.8	47.3	47	92.3 -	-	-	
52.7	50.4	48.8	47.5	47.2	90.3 -	-	-	
58.5	51.9	49.1	47.9	47.6	92.7 -	-	-	
52	49.9	48.4	47.5	47.3	85.5 -	-	-	
54.4	50.3	48.5	47.4	47.1	87 -	-	-	
53.3	50.2	48.5	47	46.8	84.7 -	-	-	
64.9	59.1	50.4	48.1	47.7	92.6 -	-	-	
1/60	52.1	50.2	49	48.7	91.2 -	-	-	
61.2	51.8	49.8	48.3	48	90.2 -	-	-	
63.7	61.8	49.2	47.5	47.2	93.2 -	-	-	
56.8	50.8	48	47.1	46.8	84.3 -	-	-	
58.6	53.6	48.4	47.2	46.9	83.1 -	-	-	

58.3	50.2	48.5	47.1	46.8	89.8 -	-	-	
60.2	52.4	47.9	46.8	46.5	81.7 -	-	-	
58	52.5	49.8	47.5	46.9	85.7 -	-	-	
61.8	51.5	47.7	46.6	46.4	82.9 -	-	-	(O/h)
59.6	52.2	47.8	46.7	46.4	84.7 -	-	-	
54.1	49	47.5	46.6	46.3	84.3 -	-	- (
57.4	51.1	47.7	46.6	46.4	86.9 -	-	-~	
56.4	49.5	47.7	46.8	46.5	87.5 -	-	(5)	
59.6	55.1	48.4	47.3	47	88 -	-	\sim	
57.4	50.8	48.7	47.6	47.4	90.3 -	- ^	(0/{)	
55.3	51.6	49.2	48.1	47.8	88.9 -	- <		
56.5	50.8	48.4	47.2	46.9	109.2 -	-		
64.5	52.3	49.6	47.2	46.8	112.4 -	() -	
51.3	48.8	47.1	46.3	46.1	82.9 -		_	
64.1	62.4	55.8	51	49.5	90.2 -		_	
55.8	53.3	49.5	47.8	47.4	88.8 -		_	
58	55	49	47.4	47	87.1 -	· ·	_	
57.8	55.4	50.2	47.8	47.4	91.1	> .	_	
60.4	54	49.3	47.6	47.1	93.9	· -	_	
58.3	50.4	48.1	47.1	46.8	896 -	_	_	
75.9	61.3	48.5	47	46.7	_191	_	_	
63.7	57.2	48.7	46.9	46.5	91.2 -	_	_	
63.1	55.5	48.7	46.8	46.4	89.1 -	_	_	
60.1	57.4	52.4	46.5	46.4	94.1 -	_	_	
62.2	57. 4 57.4	53.3	49.8	48.7	92 -	_	_	
62.2	52.5	47.5	46	45.7	85.9 -	_	_	
61.7	49.9	47	46	45.8	84.1 -	_	_	
50.4	47.9	47	46	45.6	83.8 -	_	_	
52.7	48	46.9	46	45.7	80.3 -	_	_	
50.8	48.5	47	46	45.5	83.2 -	_	_	
47.6	47.1	46.3	2,45.4)	45.2	79.6 -	-	_	
50.2	47.4	46.5	45.3	45.1	79.6 -	_	_	
53.9	47.8	46.4	45.5	45.3	84.3 -	_	_	
53.9	47.7	46.4	45.3	45.1	84.5 -	_	_	
55.7	48	46.6	45.7	45.5	79.8 -	_	_	
58.7	50.9	47.4	46.2	45.9	83.6 -	_	_	
69.5	62.2	50,3	47.7	47.3	87.1 -	_	_	
53.8	49.9	47.8	44.7	43.9	83.2 -	_	_	
52.8	46	43.2	42.1	41.8	75 -	-	_	
52.5	48.2	44.5	42.9	42.6	80.8 -	_	_	
58.2	52.9	50.3	45.3	44.1	85.4 -	_	_	
61.1	52.6	49.4	43.7	42.7	82.8 -	_	_	
58.6	50.0	46.2	42.3	42	77.7 -	_	_	
58.3	51.8	48.7	44.1	43.3	85 -	_	_	
56.8	51.7	49.3	47.7	47.2	86.7 -	_	_	
53.3	50.9	48.1	42	41.6	78.4 -	_	_	
54.4	49.8	44.2	42	41.5	82.2 -	-	_	
59.8	54.1	50.6	48.1	47.7	84.4 -	-	_	
58.5	53.9	51.4	49.5	48.9	88.6 -	-	_	
63.4	55.4	51.1	46.4	45.2	87.7 -	-	_	
55.1	55.1	J = . ±			J			

56.6	53.9	51.1	49.2	48.8	84.2 -	-	-	
57.9	54.2	51.4	48.8	48.2	85.4 -	-	-	
60.6	56.2	51.5	48.4	47.4	90.2 -	-	-	
57.3	53.4	50.1	47.6	47	86.5 -	-	-	(O/A)
58.6	53.4	49.5	47.6	47.2	86.8 -	-	-	
60.4	55.3	52.5	50.7	50.3	88.8 -	-	- (
60.9	55.7	50.8	48.7	48.3	89 -	-		
54.3	51.3	48.9	47.4	47.1	85 -	-	(571	
55.9	53.1	48.7	46.4	46.1	90.2 -	-	\sim	<i>'</i>)
57.2	53.8	51.4	48.8	48	90.2 -	- ^	(
55.5	52.9	50.8	47.2	46.9	93.6 -	- \		
66.1	57.5	54.4	52.3	51.9	94.8 -	-(0)	> -	
64.7	57.8	53.1	50.7	50.3	91.3 -	(\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) -	
57	54.2	52.2	50.3	49.7	92.4 -		-	
55.2	51.2	49.3	47.3	46.9	90.3 -		-	
54.5	52.5	49.6	47.7	47.1	93.4 -		-	
55.4	53.1	48.6	46.6	46.2	93 -		-	
61.4	54.7	52.1	50.1	49.4	8924	> -	-	
56.1	52.1	48.4	46.3	45.7	92.2	-	-	
52.1	49.5	47.2	45.9	45.5	909-)	-	-	
55.5	53	49.7	46.5	46	V/95.7-	-	-	
54.4	52.1	48.8	46.4	46.1	√2 87.9 -	-	-	
54.3	51.4	49.1	46.5	46.2	90.9 -	-	-	
57.7	52.9	50	48.1	47.6	92.8 -	-	-	
57.2	53.5	51.2	48.8	48.4	93.5 -	-	-	
59.1	55.7	51.8	48.4	48.1	94.8 -	-	-	
59.1	57.1	53.9	51.9	(51.5)	100.6 -	-	-	
60.1	56.2	53.3	51.6	51.2	104.1 -	-	-	
60.1	55.5	53	51.2	50.8	98.8 -	-	-	
63.9	60.7	57.9	52,2	51.7	102.1 -	-	-	
60.6	59.1	53 (2,50	49.4	97.2 -	-	-	
69.5	54.9	51.5	49.6	49.2	116.8 Over	-	-	
			\checkmark					
			/					
	N>							
	7	5						
	M	\smile						
	N							
\wedge	\sim							

Address	Time	Measurme	LAeq	LAE	LAmax L	.Amin LA	01
1	2/10/2020 14:00	0:15:00	15.2	44.7	27.3	14.5	17.6
2			15.2	44.7	21.5	14.6	15.8
3	• •		15.3		22.8	14.7	16.9
4			15.3		15.9	14.8	15,67
5	• •		15.3		15.9	14.8	156
6	• •		15.4		16	14.9	15.7/
7	• •		15.4		16	14.9	(\$745,77
8	• •		15.4		16	14.9	15/
9			15.4		16	14.9	15.7
10	• •		15.6		30	14,9	18.4
11	• •		15.5	45.1	27.5	14.9	17.3
12			15.4		16.2		15.7
13	• •		17.1		45	14.9	18
14	• •		65.9		103.2	4.7	71.2
15	• •		51.4		66	49.5	56
16	• •		52	81.6	67.6	49	57.2
17	• •		50.3		65	47	55.6
18			49.1	78.7	56,9	47.2	51.5
19	• •		49	78.6	56.9	47.3	52.5
20	• •		49.2	~ \	73.2	46.9	52.6
21	• •		48.4		56.2	46.4	49.6
22	• •		48.2	787.9	56.9	46.5	49.9
23			48	0.775	56.7	46.4	49.1
23	• •		48. &	(0,8,4	60.5	46.5	54.9
25	• •		48.8	78.8	62.1	46.5	56.8
26	• •		48.7	78.3	60.3	46.5 46.5	55
27			49.2	~	62.2	46.5	56
28			49.8	79.4	60.8	46.5	55.9
29	• •		49.3	78.9	72.7	46.3	56.4
30	• •		())				
		(' /	49.5	79.1	65 66 6	46.4 46.2	56.4
31	· · ·	_ ` \		79.2	66.6	46.2	58.4
32	• •	A ()	50.5	80	67.7 57.2	46.4	58.9
33		<i>\ \ \</i>	48.5	78.1		46.5	54 55 0
34			48.9		61.5	46.4	55.9 56.1
35	\sim		48.9	78.5	62.3	46.5	56.1
36	1 ()	. 1	48 48	77.6	51.6	46.1 46.2	49.9
37		/		77.5	60.8		50
38			48.3	77.8	62.3	46.2	52.8
39			48.8		58.9	46.2	55.7
40 41	· V V)		48.7		62.5	46.2	55 56.2
			49.2		61 65.3	46.3	56.3
42	. \ \		49	78.5	65.2	46.3	55.8 55.6
43	\sim $^{\prime}$		49	78.6	67	46.4	55.6 56.2
\Diamond_{\wedge}	3/10/2020 0:45		49	78.6	63.3	46.4	56.2
745	3/10/2020 1:00		49	78.5	61.8	46.4	55.9
46	• • •		49.2		70.8	46.1	56.2
47	3/10/2020 1:30		49.1		61.5	46.5	56
48	• •		48.7		60.5	46.5	53.8
49	3/10/2020 2:00	0:15:00	49.3	78.8	62.3	46.7	51.7

	50	3/10/2020 2:15	0:15:00	53.7	83.2	78.5	46.6	64.9
	51	3/10/2020 2:30	0:15:00	52.1	81.6	81.7	46.4	58.6
	52	3/10/2020 2:45	0:15:00	48.3	77.8	65.2	46.2	53.8
	53	3/10/2020 3:00	0:15:00	50.8	80.3	63.7	46.3	59.8
	54	3/10/2020 3:15	0:15:00	50.6	80.2	66.2	46.1	61,7
	55	3/10/2020 3:30	0:15:00	49	78.6	61.8	46.1	568
	56	3/10/2020 3:45	0:15:00	49.6	79.1	65	45.9	57.4
	57	3/10/2020 4:00	0:15:00	50	79.5	63.2	46.3	(5887
	58	3/10/2020 4:15	0:15:00	51.3	80.8	67.6	46.2	60.4
	59	3/10/2020 4:30	0:15:00	49.8	79.3	64	A5.8(C	57.9
	60	3/10/2020 4:45	0:15:00	51.4	80.9	65.9	46.2	60.4
	61	3/10/2020 5:00	0:15:00	50.8	80.3	66.6	46.5	57.1
	62	3/10/2020 5:15	0:15:00	43.3	72.8	62.5	(34.8)	50.3
	63	3/10/2020 5:30	0:15:00	46.7	76.3	66,7	34.6	60.1
	64	3/10/2020 5:45	0:15:00	46.6	76.1	70.7	36.1	57.3
	65	3/10/2020 6:00	0:15:00	50.1	79.6	73.5	> 35.9	62.2
	66	3/10/2020 6:15	0:15:00	43.5	73.1	6 0	36.6	52.9
	67	3/10/2020 6:30	0:15:00	45.7	75.3	(72.2)	35.8	55.9
	68	3/10/2020 6:45	0:15:00	43.5	73.1	68,3	36.5	51
	69	3/10/2020 7:00	0:15:00	42.9	72.4	65.4	36.2	48.7
	70	3/10/2020 7:15	0:15:00	44.9	7A.4	64.6	35.6	54.3
	71	3/10/2020 7:30	0:15:00	44	18.5	59.7	38.4	50.3
	72	3/10/2020 7:45	0:15:00	51.4	~817 [~]	75.6	36.5	63.6
	73	3/10/2020 8:00	0:15:00	43.2	7 1727	70	35.1	51.4
	74	3/10/2020 8:15	0:15:00	44.9	$(0_{4.4})$	65.4	36.7	56
	75	3/10/2020 8:30	0:15:00	45.9	75.5	64.8	36	53.6
	76	3/10/2020 8:45	0:15:00	46.5	75.1	64	38.8	55.2
	77	3/10/2020 9:00	0:15:00	44.2	73.7	63.5	38.9	50.4
	78	3/10/2020 9:15	0:15:00	44.8	74.3	59	39.7	51.3
	79	3/10/2020 9:30	0:15:00	44.6	74.2	64.6	37.4	50.6
	80	3/10/2020 9:45	0:15:00) 45	74.5	69.9	37	50.4
	81	3/10/2020 10:00	0:15:00	47.2	76.7	66.5	39.1	52
	82	3/10/2020 10:15	0:15:00	48.2	77.8	60.9	37.9	54.7
	83	3/10/2020 10:30	0:15:00	45.1	74.6	69.5	37	52.2
	84	3/10/2020 10:45	0:15:00	44.9	74.4	61.4	39.2	52.1
	85	3/10/2020 11:00	0:15.00	48.5	78	61.9	43.1	52.8
	86	3/10/2020 11:15	0:15:00	54.8	84.3	83.1	45.3	67.8
	87	3/10/2020 11:30	0:15:00	51	80.6	68.3	38.5	62.5
	88	3/10/2020 11:45	0:15:00	49.3	78.9	72.6	40.3	60.1
	89	3/10/2020 12:00	0:15:00	47.5	77	68.8	39.4	55.7
	90	3/10/2020 12:15	0:15:00	48	77.5	59.1	41	52.7
	91	3/10/2020 12:30	0:15:00	53.8	83.4	86.6	41.9	59.1
	92	3/10/2020 12:45	0:15:00	49.6	79.2	65.2	46.8	53.5
	93	3/10/2020 13:00	0:15:00	49.8	79.3	65.2	46.2	54.5
	64	3/10/2020 13:15	0:15:00	49.4	79	65	46.5	54.6
^	95	3/10/2020 13:30	0:15:00	55.8	85.3	81.6	47.1	67
•	96>	3/10/2020 13:45	0:15:00	51.3	80.9	79.8	46.7	57.5
_	97	3/10/2020 14:00	0:15:00	49.9	79.5	71.8	46.1	53.1
>	98	3/10/2020 14:15	0:15:00	50.2	79.7	59.7	46.9	53.6
•	99	3/10/2020 14:30	0:15:00	52.1	81.7	82.3	46.5	60.1

1	00	3/10/2020 14:45	0:15:00	52.7	82.2	69.9	46.4	62.7
1	01	3/10/2020 15:00	0:15:00	49.6	79.1	56	46.6	52.5
1	02	3/10/2020 15:15	0:15:00	49.8	79.3	68.4	45.9	59.3
1	03	3/10/2020 15:30	0:15:00	49.3	78.8	75.6	45.8	54.8
1	04	3/10/2020 15:45	0:15:00	48.7	78.2	63.9	45.3	56,17
1	05	3/10/2020 16:00	0:15:00	45.9	75.4	61.7	38.5	505
1	06	3/10/2020 16:15	0:15:00	47.1	76.7	75.9	39.5	54.1
1	07	3/10/2020 16:30	0:15:00	46	75.6	74.1	40.7	(57/537
1	80	3/10/2020 16:45	0:15:00	44.2	73.7	62.9	40.5	50.5
1	09	3/10/2020 17:00	0:15:00	47.5	77	63.8	<u>√</u> 41(√	52.9
1	10	3/10/2020 17:15	0:15:00	51.1	80.6	82	42,4	56.5
1	11	3/10/2020 17:30	0:15:00	50.8	80.4	72.9	43.7	58.2
1	12	3/10/2020 17:45	0:15:00	52.6	82.1	82.3	(43.1)	62.4
1	13	3/10/2020 18:00	0:15:00	53.9	83.4	87,9	43.1	60.4
		3/10/2020 18:15	0:15:00	57.5	87	87.8	42.6	65.7
		3/10/2020 18:30	0:15:00	57.3	86.9	85.5	41.9	66.9
		3/10/2020 18:45	0:15:00	49.1	78.6	73.2	42.1	57.8
		3/10/2020 19:00	0:15:00	50.6	80.2	(67.9)	41.7	62.2
		3/10/2020 19:15	0:15:00	51.9	81.4	75,5	43.1	60.3
		3/10/2020 19:30	0:15:00	57.5	87.1	75.1	42.3	70.4
		3/10/2020 19:45	0:15:00	59.3	88.9	73.8	42.1	69.1
		3/10/2020 20:00	0:15:00	57.8	87.4	75.6	42.2	68.9
		3/10/2020 20:15	0:15:00	58	87.6°	84.1	42.5	68.4
		3/10/2020 20:30	0:15:00	56.2	(7,85,8	75.9	42	67.7
		3/10/2020 20:45	0:15:00	56.1	(0)	85.7	41.9	68.2
		3/10/2020 21:00	0:15:00	54:3	83.8	71.1	41.8	65.5
		3/10/2020 21:15	0:15:00	60.8	90.3	88.3	42.2	70.8
		3/10/2020 21:30	0:15:00	55.1	84.6	71.5	41.9	65
		3/10/2020 21:45	0:15:00	56.7	86.3	69.6	42	66.8
	29	3/10/2020 22:00	0:15:00	56.2	85.8	75.3	41.8	68.5
	30	3/10/2020 22:15	•	56.8	86.3	74.2	41.6	68.3
		3/10/2020 22:30	(' ' /	54.7	84.2	72.5	40.5	67.1
		3/10/2020 22:45	0:15:00	44	73.5	55	40.6	48.4
		3/10/2020 23:00	A1 /	42.8	72.3	60	40.2	47.1
		3/10/2020 23:15	<i>\\\</i>	48.5	78	72.2	40.8	58.4
	35		0:15.00	57.5	87	82.3	41.7	69.2
	36	3/10/2020 23:45		57.6	87.2	73.6	41.4	68.7
	37	4/10/2020 0:00	1	54.8	84.4	73	41.9	65.5
	38	4/10/2020 0:15	/	49.6	79.1	63.2	42	57.7
	39	4/10/2020 0:30		55.3	84.9	71.7	41.6	67.2
	40	4/10/2020 0:45		54.1	83.6	70.3	40.3	65.3
	41	\sim	0:15:00	50.3	79.8	77.5	40.2	60
	42	4/10/2020 1:15		48.2	77.7	77.6	40	57.2
	43	4/10/2020 1:30		52.4	82	79.4	40.1	63.8
	44	4/10/2020 1:45	0:15:00	42.5	72.1	59.1	39.9	47.9
>	45	A) 10/2020 2:00		46.9	76.5	78	40.1	52.3
_	46	4/10/2020 2:15	0:15:00	42.5	72	53.8	39.7	47
,	4 3 7	4/10/2020 2:30		42.7	72.3	53.9	39.7	48.4
	- " 48	4/10/2020 2:45		42.6	72.3	51	39.6	47.5
. 7	4 9	4/10/2020 3:00	0:15:00	43	72.5	52.9	40	48.7
Τ.		., 10, 2020 3.00	3.13.00	73	, 2.5	52.5	70	70.7

150	4/10/2020 3:15	0:15:00	44.1	73.7	57.1	40	51.9
151	4/10/2020 3:30	0:15:00	43.6	73.1	55.4	40.1	50.5
152	4/10/2020 3:45	0:15:00	49.9	79.5	67.4	40.1	60.5
153	4/10/2020 4:00	0:15:00	46.3	75.9	62.6	39.8	56 (
154	4/10/2020 4:15	0:15:00	45.1	74.6	61.3	40.4	537
155	4/10/2020 4:30	0:15:00	45.2	74.8	60.7	40.6	526
156	4/10/2020 4:45	0:15:00	47.7	77.3	68.7	41.2	56.6
157	4/10/2020 5:00	0:15:00	46	75.6	60.6	41.7	(5/4/97
158	4/10/2020 5:15	0:15:00	48	77.6	62.1	37.4	55.8
159	4/10/2020 5:30	0:15:00	46.5	76.1	61.7	36.9	56.6
160	4/10/2020 5:45	0:15:00	43.5	73	59.7	35,2	51.9
161	4/10/2020 6:00	0:15:00	44	73.5	67.2	35	51.7
162	4/10/2020 6:15	0:15:00	43.8	73.3	63.4	(35.1)	53.4
163	4/10/2020 6:30	0:15:00	45.7	75.2	63,9	35.2	57.4
164	4/10/2020 6:45	0:15:00	41.9	71.4	61.7	35.3	49.5
165	4/10/2020 7:00	0:15:00	44.1	73.7	65.8	> 35	54
166	4/10/2020 7:15	0:15:00	45	74.5	70.3	34.8	55
167	4/10/2020 7:30	0:15:00	43.4	72.9	A 64	34.7	53.5
168	4/10/2020 7:45	0:15:00	44.7	74.3	68,4	35	55.2
169	4/10/2020 8:00	0:15:00	47.7	77.2	74.5	33.7	59.5
170	4/10/2020 8:15	0:15:00	40.5	70	62.6	34.5	48
171	4/10/2020 8:30	0:15:00	42.1	71.7	63.5	35.5	54
172	4/10/2020 8:45	0:15:00	42.6	72.17	67.7	34.2	54
173	4/10/2020 9:00	0:15:00	41.6	771.2	64.4	33.9	49.8
174	4/10/2020 9:15	0:15:00	41.9	$(0)_{1.4}$	60.4	34.4	51.3
175	4/10/2020 9:30	0:15:00	47.1	76.6	64.5	36.1	59.8
176	4/10/2020 9:45	0:15:00	4(.2	70.8	58.1	36.3	47.1
177	4/10/2020 10:00	0:15:00	42.5	72	58.8	34.7	51.6
178	4/10/2020 10:15	0:15:00	46.1	75.6	65.6	33.4	60.5
179	4/10/2020 10:30	0:15:00 /	42.7	72.3	58.4	33.6	52.2
180	4/10/2020 10:45	0:15:00	() 43	72.6	58.1	34.1	52
181	4/10/2020 11:00	0:15:00	42.1	71.6	62.5	34.5	50.5
182	4/10/2020 11:15	0:15:00	4 1.9	71.4	67.3	34.7	49.1
183	4/10/2020 11:30	0:15:00	41.5	71	65.5	34.3	50.7
184	4/10/2020 11:45	0:15:00	42.1	71.7	56.9	34.6	49.2
185	4/10/2020 12:00	0:15.00	42.4	71.9	62.8	34.4	50.2
186	4/10/2020 12:15	0:15:00	43.6	73.1	67.8	35.3	54.8
187	4/10/2020 12:30	0:15:00	42.7	72.3	64.2	35.7	53.3
188	4/10/2020 12:45	0:15:00	40.8	70.3	56.6	35.7	48.4
189	4/10/2020 13:00	0:15:00	41.5	71.1	63.9	35.5	50
190	4/10/2020 13:15	0:15:00	41.7	71.3	66.5	35.6	47.7
191	4/10/2020 13:30	0:15:00	41.7	71.2	58.7	35	49.5
192	4/10/2020 13:45	0:15:00	47.4	76.9	68.5	34.2	62.4
193	4/10/2020 14:00	0:15:00	43.6	73.2	59.2	34.9	50.9
194	4/10/2020 14:15		42.2	71.7	75.9	34.2	45.5
195	4/19/2020 14:30	0:15:00	40.8	70.3	62	35.1	47.9
196	4/10/2020 14:45	0:15:00	39.8	69.3	52.3	35	45.8
197	4/10/2020 15:00		41	70.5	51.5	36.3	46.8
198	4/10/2020 15:15		40.5	70.1	51	36.1	46.3
7 199	4/10/2020 15:30		39.9	69.5	50.8	35.5	46.3

200	4/10/2020 15:45	0:15:00	40.4	69.9	60.2	34.8	48.3
201	4/10/2020 16:00	0:15:00	41.1	70.7	58.5	34.4	50.4
202	4/10/2020 16:15	0:15:00	42	71.6	57	34.9	49.6
203	4/10/2020 16:30	0:15:00	43.7	73.2	61.5	34	54.3
204	4/10/2020 16:45	0:15:00	40.9	70.4	60	34.9	49,27
205	4/10/2020 17:00	0:15:00	41.2	70.7	58.8	36	500
206	4/10/2020 17:15	0:15:00	41.2	70.8	61.4	35.7	50.4
207	4/10/2020 17:30	0:15:00	39.7	69.3	56.6	35.5	(5/4/1/27
208	4/10/2020 17:45	0:15:00	43.9	73.4	66.1	35	56.3
209	4/10/2020 18:00	0:15:00	41	70.6	58.1	34.6	51.7
210	4/10/2020 18:15	0:15:00	43	72.5	65.9	34,4	56.4
211	4/10/2020 18:30	0:15:00	38.2	67.8	49.7	33.9	44.3
212	4/10/2020 18:45	0:15:00	38.4	67.9	48.3	(34.1)	43.1
213	4/10/2020 19:00	0:15:00	38.9	68.4	54,5	34.5	42.2
214	4/10/2020 19:15	0:15:00	38.8	68.4	48.8	7 35	43.6
215	4/10/2020 19:30	0:15:00	37.2	66.7	48.8	> 34.1	42.6
216	4/10/2020 19:45	0:15:00	37.4	66.9	47.8	34.1	41
217	4/10/2020 20:00	0:15:00	36.9	66.4	45.8	33.7	40
218	4/10/2020 20:15	0:15:00	37.4	66.9	49,5	33.5	41.2
219	4/10/2020 20:30	0:15:00	37.1	66.7	48.2	33.6	40.6
220	4/10/2020 20:45	0:15:00	37.3	86.8	45.9	33.8	39.9
221	4/10/2020 21:00	0:15:00	38.1	67.7	42.6	34.4	40.7
222	4/10/2020 21:15	0:15:00	36.9	66.47	43.7	33.3	39.7
223	4/10/2020 21:30	0:15:00	37.1	7,66,6	57.4	33.4	41.2
224	4/10/2020 21:45	0:15:00	36.6	(66.1	47	33.5	40.3
225	4/10/2020 22:00	0:15:00	36.8	66.4	50.2	33.5	41.5
226	4/10/2020 22:15	0:15:00	36.5	66	40.6	33.7	39.5
227	4/10/2020 22:30	0:15:00	36.9	66.5	50.8	33.6	43.4
228	4/10/2020 22:45	0:15:00	36.1	65.6	50.9	33.2	40.1
229	4/10/2020 23:00	0:15:00 /	36.8	66.3	51.2	33.3	44
230	4/10/2020 23:15	[36.9	66.4	48.2	33.1	40.2
231	4/10/2020 23:30	(* /	38.3	67.8	58.4	33.1	47.1
232	4/10/2020 23:45	0:15:00	35.9	65.4	40.6	33	38.5
233	5/10/2020 0:00	A / \ \	36.6	66.1	56.6	32.9	40.6
234	5/10/2020 0:15	<i>' ' '</i>	37.8	67.3	52.8	33.1	41.8
235	5/10/2020 0:30		35.9	65.5	50.7	32.4	40
236	5/10/2020/0:45		35.1	64.6	43.1	32.4	38.2
237	5/10/2020 1:00	1	36.4	65.9	42.5	32.7	39.7
238	5/10/2020 1:15	/	35.4	64.9	48.8	32.1	39.1
239	5/10/2020 1:30		34.8	64.3	40.6	32.2	37.9
240	5/10/2020 1:35		35.1	64.6	51.4	32.5	39.3
241	W V)	0:15:00	35.1	65.3	54.9	32.4	41.8
242	\sim	0:15:00	36.2	65.8	57.1	32.5	39.3
243	5/10/2020 2:30		37.1	66.6	49.1	32.5	44.7
244	5/10/2020 2:30	0:15:00	36.2	65.7	39.8	32.4	39
245	5/10/2020 3:00		35.9	65.4	48.1	32.4	41.8
246		0:15:00	36.4	65.9	47.6	32.5	42.5
246	5/10/2020 3:30		36.4 36.7	66.2	48.5	32.5 32.6	42.5 40.7
248	5/10/2020 3:45		36.9	66.4	46.3 47.8	32.0	43.1
249	5/10/2020 4:00		39.5	69	60.3	32.2 32.4	45.1 49.8
4 43	3/ 10/ 2020 4.00	0.13.00	33.3	03	00.5	JZ.4	43.0

250	5/10/2020 4:15	0:15:00	43.3	72.8	62.8	32.6	57.1
251	5/10/2020 4:30	0:15:00	42.6	72.1	65.2	32.8	55.7
252	5/10/2020 4:45	0:15:00	44.7	74.3	63.2	34.4	57
253	5/10/2020 5:00	0:15:00	42.2	71.8	52.1	35.8	48.5 (
254	5/10/2020 5:15	0:15:00	43.2	72.7	59.3	36	50,37
255	5/10/2020 5:30	0:15:00	43	72.5	63.5	36.7	490
256	5/10/2020 5:45	0:15:00	45	74.5	65.4	36.4	54.8
257	5/10/2020 6:00	0:15:00	45.9	75.4	69.1	36.1	(56)67
258	5/10/2020 6:15	0:15:00	45	74.5	64.6	34.5	55.8
259	5/10/2020 6:30	0:15:00	42.9	72.5	65	35(<	// 50.3
260	5/10/2020 6:45	0:15:00	46.2	75.8	70.3	34,9	56.4
261	5/10/2020 7:00	0:15:00	43.8	73.4	69.6	33.7	53.1
262	5/10/2020 7:15	0:15:00	40.7	70.3	64.5	(V33)	49.1
263	5/10/2020 7:30	0:15:00	41.4	70.9	58.6	33.2	50
264	5/10/2020 7:45	0:15:00	41.5	71.1	63.8	/33	52.6
265	5/10/2020 8:00	0:15:00	39.7	69.2	58.8	32.4	47.1
266	5/10/2020 8:15	0:15:00	40.2	69.8	54.7	32.1	48.7
267	5/10/2020 8:30	0:15:00	42.2	71.7	(65.2)	32.6	54.4
268	5/10/2020 8:45	0:15:00	42.4	72	621	32.6	51.4
269	5/10/2020 9:00	0:15:00	42.2	71.8	61	33.7	52.9
270	5/10/2020 9:15	0:15:00	42.6	72.2	63	33.4	52.4
271	5/10/2020 9:30	0:15:00	44.8	74.4	63.7	33.8	56.1
272	5/10/2020 9:45	0:15:00	43.7	73.27	66.1	33.6	53.8
273	5/10/2020 10:00	0:15:00	41.6	77.71	60.5	33	51
274	5/10/2020 10:15	0:15:00	48.4	78	67	33.2	60.2
275	5/10/2020 10:30	0:15:00	45.5	75.1	62.4	32.9	56.9
276	5/10/2020 10:45	0:15:00	40.4	77	69.1	35	57.6
277	5/10/2020 11:00	0:15:00	44	73.6	60.3	34.1	55
278	5/10/2020 11:15	0:15:00	40.1	69.6	54.2	34.9	47.4
279	5/10/2020 11:30	0:15:00	40.3	69.8	57.6	35	50
280	5/10/2020 11:45	0:15:00	44.3	73.9	62.7	34.4	55.9
281	5/10/2020 12:00	0:15:00	42.6	72.2	63.3	35.7	53
282	5/10/2020 12:15	0:15:00	41.5	71	60.4	35.7	49.2
283	5/10/2020 12:30	0:15:00	40.2	69.8	53.8	35.6	48.1
284	5/10/2020 12:45	0:15:00	43.4	73	60.4	35.1	51.8
285	5/10/2020 13:00	0:15.00	46.2	75.8	67	36.4	57.7
286	5/10/2020 13:15	0:15:00	43.4	73	63.5	35.6	53.3
287	5/10/2020 13:30	0:15:00	44	73.5	63.9	35.2	54.8
288	5/10/2020 13:45	0:15:00	42.3	71.9	66.2	34.6	51.9
289	5/10/2020 14:00	0:15:00	41.2	70.8	56.2	35	50.2
290	5/10/2020 14:15	0:15:00	42.8	72.3	66.3	36.2	51.4
291	5/10/2020 14:30	0:15:00	42	71.5	55.1	36.3	49.9
292	5/10/2020 14:45	0:15:00	41.9	71.4	68.7	36.5	48
293	5/10/2020 15:00	0:15:00	42.7	72.2	52.2	36.9	47.4
294	5/10/2020 15:15	0:15:00	43.1	72.7	55.5	39.2	49.3
295	5/10/2020 15:30	0:15:00	44.6	74.1	61.4	39.2	54.6
296	5/10/2020 15:45	0:15:00	42.5	72.1	53.3	39.5	48.2
297	5/10/2020 16:00	0:15:00	42.4	71.9	52	39.1	46.6
298	5/10/2020 16:15	0:15:00	43.4	73	57.2	39.8	49.5
299	5/10/2020 16:30	0:15:00	42.4	72	63.4	39.4	46.6

	300	5/10/2020 16:45	0:15:00	41.7	71.3	57.1	36	49.7
	301	5/10/2020 17:00	0:15:00	40.2	69.7	57	35.2	46.6
	302	5/10/2020 17:15	0:15:00	40.1	69.6	58.6	35.1	47.1
	303	5/10/2020 17:30	0:15:00	40.7	70.3	59.1	35.2	49.2
	304	5/10/2020 17:45	0:15:00	38.7	68.3	53	34.4	45,27
	305	5/10/2020 18:00	0:15:00	39.4	69	53.2	35	(45/
	306	5/10/2020 18:15	0:15:00	42.9	72.4	61.5	34.8	55.3
	307	5/10/2020 18:30	0:15:00	39.2	68.7	47.3	35.9	(/4/1/97
	308	5/10/2020 18:45	0:15:00	37.6	67.2	55.9	34.1	40.3
	309	5/10/2020 19:00	0:15:00	38.1	67.6	56.9	34.5	43.5
	310	5/10/2020 19:15	0:15:00	38.2	67.8	50.5	34,4	42.2
	311	5/10/2020 19:30	0:15:00	47	76.5	68.1	33.9	62.3
	312	5/10/2020 19:45	0:15:00	37.3	66.8	60.7	(32.8)	41.1
	313	5/10/2020 20:00	0:15:00	36.6	66.2	47.1	33.7	40.9
	314	5/10/2020 20:15	0:15:00	36.9	66.4	42.9	3 3.7	38.9
	315	5/10/2020 20:30	0:15:00	36.9	66.4	47.8	> 33.6	40.4
	316	5/10/2020 20:45	0:15:00	36.9	66.4	44.2	33.6	41
	317	5/10/2020 21:00	0:15:00	38.7	68.3	(59.1)	33.5	49.7
	318	5/10/2020 21:15	0:15:00	36.6	66.2	48,6	33.8	41.8
	319	5/10/2020 21:30	0:15:00	36.8	66.4	43.6	33.8	39.9
	320	5/10/2020 21:45	0:15:00	36.7	86.2	53.8	33.5	42.3
	321	5/10/2020 22:00	0:15:00	35.6	65.2	40.9	32.9	38.8
	322	5/10/2020 22:15	0:15:00	36.1	65.77	42.2	33.2	37.9
	323	5/10/2020 22:30	0:15:00	35.4	7 65	49.4	32.8	37.9
	324	5/10/2020 22:45	0:15:00	35.3	(0.4.8)	44.7	33	38
	325	5/10/2020 23:00	0:15:00	36	65.5	46.8	33.2	40.5
	326	5/10/2020 23:15	0:15:00	36.3	64.8	44.8	32.9	37.3
	327	5/10/2020 23:30	0:15:00	35.8	65.3	43	33	37.2
	328	5/10/2020 23:45	0:15:00	36.1	65.6	46.6	33	38.8
	329	6/10/2020 0:00	0:15:00 /	35.6	65.1	42.7	33.4	37.3
	330	6/10/2020 0:15	<u> </u>	36.4	66	56.8	33.4	38.5
	331	6/10/2020 0:30	0:15:00	35.4	64.9	42.8	33.2	37.3
	332	6/10/2020 0:45	0:15:00	35.9	65.5	45	33.4	39.4
	333	6/10/2020 1:00	4//	35.9	65.4	40.3	33.3	38.5
	334	6/10/2020 1:15	<i>' ' '</i>	35.6	65.2	40.5	33.3	38.1
	335	6/10/2020 1:30	0:15.00	35.7	65.2	39.2	32.9	37.7
	336	6/10/2020/1:45		35.7	65.2	46.1	32.8	39.4
	337	6/10/2020 2:00	1	35.3	64.8	51.3	32.5	37.8
	338	6/10/2020 2:15	/	36	65.6	44.1	32.6	39
	339	6/10/2020 2:30	0:15:00	36.1	65.6	46.4	32.8	42.9
	340	6/10/2020 2:45	0:15:00	35.6	65.1	47	32.5	39.9
	341	6/10/2020 3:00	0:15:00	35.9	65.4	47	32.1	43.1
	342	6/10/2020 3:15	0:15:00	40.4	69.9	63.2	32.4	51.7
	343	6/10/2020 3:30	0:15:00	36.4	66	47.9	32.8	42.9
	344	6/10/2020 3:45	0:15:00	37.7	67.2	57.5	32.8	48.6
>	345	6/10/2020 4:00	0:15:00	37.8	67.4	51.1	32.6	46.4
Ì	346	6/10/2020 4:15	0:15:00	43.5	73.1	64.9	33.4	56.1
L	347	6/10/2020 4:30	0:15:00	45.3	74.9	66	34.5	58.6
_	348	6/10/2020 4:45	0:15:00	46.4	74.5 76	65.4	37.2	57.3
V	349	6/10/2020 5:00	0:15:00	47.2	76.8	70.5	37.2	57.5
	J +J	5, 15, 2525 5.00	3.13.00	77.2	, 0.0	, 0.5	57.5	55

350	6/10/2020 5:15	0:15:00	44.1	73.6	61.8	37	51.6
351	6/10/2020 5:30	0:15:00	45.9	75.4	71.3	38.4	51.7
352	6/10/2020 5:45	0:15:00	45.1	74.7	56.4	40	51
353	6/10/2020 6:00	0:15:00	45.1	74.6	66.2	38.7	53 ((
354	6/10/2020 6:15	0:15:00	46	75.6	60.8	39.5	54,57
355	6/10/2020 6:30	0:15:00	49.2	78.7	66.9	38.8	600
356	6/10/2020 6:45	0:15:00	48.9	78.4	70	38.2	60.2
357	6/10/2020 7:00	0:15:00	45.8	75.4	68.5	37.1	(55/1/2)
358	6/10/2020 7:15	0:15:00	47.2	76.8	67.5	36.3	560.9
359	6/10/2020 7:30	0:15:00	47.2	76.8	82	34.2	//) 51
360	6/10/2020 7:45	0:15:00	48.8	78.3	59.1	36,2	54.5
361	6/10/2020 8:00	0:15:00	46.3	75.9	63.1	36.9	55.5
362	6/10/2020 8:15	0:15:00	47.8	77.3	63	(38.5)	53.7
363	6/10/2020 8:30	0:15:00	48.8	78.4	66,8	36.2	58.2
364	6/10/2020 8:45	0:15:00	49.4	79	67.2	39.7	56.5
365	6/10/2020 9:00	0:15:00	48.4	77.9	65.4	40.2	57.8
366	6/10/2020 9:15	0:15:00	53.7	83.3	69.9	42.5	63.5
367	6/10/2020 9:30	0:15:00	48.7	78.2	74.4	41.2	55.1
368	6/10/2020 9:45	0:15:00	46.1	75.7	5 5	40.9	51.5
369	6/10/2020 10:00	0:15:00	45.7	75.2	61.2	41.3	50.7
370	6/10/2020 10:15	0:15:00	45.6	78.1	54.3	41.7	50.1
371	6/10/2020 10:30	0:15:00	45.4	74.9	56.6	42.1	52.7
372	6/10/2020 10:45	0:15:00	45.7	75.27	64.1	41.5	51.7
373	6/10/2020 11:00	0:15:00	44.3	7,73,8	60.1	41.1	48.1
374	6/10/2020 11:15	0:15:00	43.7	$(0)_{8.3}$	60.7	39	47.7
375	6/10/2020 11:30	0:15:00	44.1	73.7	57.6	40.2	48.5
376	6/10/2020 11:45	0:15:00	44.4	74	56	41.3	49.3
377	6/10/2020 12:00	0:15:00	44.7	74.2	54.7	41.6	50.3
378	6/10/2020 12:15	0:15:00	44.6	74.2	54.5	41.8	49.5
379	6/10/2020 12:30	0:15:00	46.7	76.3	68.4	41.7	58.4
380	6/10/2020 12:45	0:15:00	45.3	74.9	60.1	41.8	51
381	6/10/2020 13:00	0:15:00	46.9	76.4	62.5	42.3	53.6
382	6/10/2020 13:15	0:15:00	48.2	77.8	68.4	44.3	52.9
383	6/10/2020 13:30	0:15:00	48.3	77.8	63.1	41.8	58
384	6/10/2020 13:45	0:15:00	47.4	77	65.6	42	52.9
385	6/10/2020 14:00	0:15.00	46.8	76.3	57.8	41	52.3
386	6/10/2020 14:15	0:15:00	47.5	77.1	61	42.3	52.7
387	6/10/2020 4:30	0:15:00	49.1	78.7	67.3	42.1	57.4
388	6/10/2020 14:45	0:15:00	47.1	76.6	65.7	40.3	57.8
389	6/10/2020 15:00	0:15:00	45.6	75.1	60.8	41.3	53.9
390	6/10/2020 15:15	0:15:00	47.3	76.8	67.6	41.9	58.2
391	6/10/2020 15:30	0:15:00	46.1	75.7	63.9	41.6	51.6
392	6/10/2020 15:45	0:15:00	45.3	74.8	54.9	41.8	49.8
393	6/10/2020 16:00	0:15:00	46.3	75.9	58.6	42.7	51.6
394	6/10/2020 16:15		46.5	76	66	41.9	55.3
395	8/19/2020 16:30		46.6	76.1	64	41.6	51.3
//	6/10/2020 16:45		45.6	75.2	67.4	41.1	52.4
397	6/10/2020 17:00		45	74.6	51.9	41.4	48.7
398	6/10/2020 17:15		48.7	78.2	60.2	41.5	56.3
399	6/10/2020 17:30		46.2	75.8	65.7	41.2	52.5

400	6/10/2020 17:45	0:15:00	45.9	75.5	68.4	41.7	51.8
401	6/10/2020 18:00	0:15:00	46.3	75.8	61.4	41.3	55.4
402	6/10/2020 18:15	0:15:00	47.5	77.1	63.6	41.2	57.4
403	6/10/2020 18:30	0:15:00	45	74.5	68	40.8	53.3
404	6/10/2020 18:45	0:15:00	43.5	73.1	54.2	40.9	46,7
405	6/10/2020 19:00	0:15:00	45	74.5	66.6	41.6	498
406	6/10/2020 19:15	0:15:00	46.1	75.7	62	40.8	56.4
407	6/10/2020 19:30	0:15:00	49.1	78.7	68.4	40.7	(560,97
408	6/10/2020 19:45	0:15:00	52.3	81.9	68.4	40.4	63.5
409	6/10/2020 20:00	0:15:00	52.7	82.2	71.4	AQ.5(65.1
410	6/10/2020 20:15	0:15:00	54.1	83.7	68.8	40.8	64.6
411	6/10/2020 20:30	0:15:00	50.5	80	67	40.9	61.6
412	6/10/2020 20:45	0:15:00	53.1	82.7	68.5	40.8	64.5
413	6/10/2020 21:00	0:15:00	53.6	83.2	70/8	40.1	64.8
414	6/10/2020 21:15	0:15:00	54	83.5	71.9	40.8	67.1
415	6/10/2020 21:30	0:15:00	52.1	81.7	70.8	40.5	63.4
416	6/10/2020 21:45	0:15:00	48.4	77.9	67.7	39.9	62.5
417	6/10/2020 22:00	0:15:00	53.4	82.9	(67.9)	40.3	64.5
418	6/10/2020 22:15	0:15:00	52.5	82	70,3	40.6	64
419	6/10/2020 22:30	0:15:00	50.8	80.3 (69.1	40.2	63.6
420	6/10/2020 22:45	0:15:00	42.1	72.6	50.1	40.1	43.5
421	6/10/2020 23:00	0:15:00	42.4	V11.9	55.8	39.8	45.7
422	6/10/2020 23:15	0:15:00	42.9	72.57	53.6	39.9	49
423	6/10/2020 23:30	0:15:00	43.2	772,8	58.5	40.2	48.5
424	6/10/2020 23:45	0:15:00	54.7	(84.3	68.1	40.1	64.6
425	7/10/2020 0:00	0:15:00	56.1	85.6	71.1	39.9	67.2
426	7/10/2020 0:15	0:15:00	(1)	80.7	69.1	40.4	62.3
427	7/10/2020 0:30	0:15:00	51.2	80.8	67.5	40	63.6
428	7/10/2020 0:45	0:15:00	52.7	82.2	70.8	40.3	64.3
429	7/10/2020 1:00	0:15:00	50.3	79.8	70.4	40.3	65.6
430	7/10/2020 1:15	0:15:00	43.3	72.8	52.7	40.4	47.5
431	7/10/2020 1:30	0:15:00	46.4	76	73.2	40.5	53.7
432	7/10/2020 1:45	0:15:00	57.9	87.4	72.7	40.3	67.9
433	7/10/2020 2:00	0:15:00	56.1	85.6	71.2	40.2	67.4
434	7/10/2020 2:15	0:15:00	43.6	73.1	60.9	40.1	54.6
435	7/10/2020 2:30	0:15.00	46.6	76.2	59.9	40.1	56.1
436	7/10/2020/2:45	0:15:00	47.4	77	64.6	40.2	59.5
437	7/10/2020 3:00	0:15:00	46.9	76.4	64.6	40.1	57.9
438	7/10/2020 3:15	0:15:00	49.3	78.9	63.7	40.2	59.5
439	V ~ 1	0:15:00	48.1	77.7	62.9	40.2	58.9
440	7/10/2020 3:45	0:15:00	46.4	75.9	62.2	40	58.8
441	7/10/2020 4:00	0:15:00	46	75.5	63.4	40.2	57.4
442	7/10/2020 4:15	0:15:00	47.6	77.1	62.5	40.2	58.8
443		0:15:00	47.9	77.5	67.4	40.8	59.1
444	7/10/2020 4:45	0:15:00	47.7	77.2	63.5	42.1	55.9
445	1/10/2020 5:00	0:15:00	48.3	77.9	67.2	40.6	57.3
446		0:15:00	44.3	73.8	61.8	38.9	49.5
447	7/10/2020 5:30	0:15:00	46.5	76.1	69.7	39.1	56.6
448	• •	0:15:00	46.6	76.2	67.5	39.9	54.9
449	7/10/2020 6:00	0:15:00	50.4	80	76.8	39.9	61
	, -,==== 0.00			~ ~			

450	7/10/2020 6:15	0:15:00	44.2	73.7	60.5	37.8	52.8
451	7/10/2020 6:30	0:15:00	45.3	74.9	66.9	37.6	54.8
452	7/10/2020 6:45	0:15:00	43.5	73.1	59.1	36	50.5
453	7/10/2020 7:00	0:15:00	42.2	71.7	59.5	35.8	49.9 (
454	7/10/2020 7:15	0:15:00	41.6	71.1	56.6	35.1	48,77
455	7/10/2020 7:30	0:15:00	46.2	75.7	72.2	34.9	5(7.04
456	7/10/2020 7:45	0:15:00	42.9	72.4	61.4	36.5	49.2
457	7/10/2020 8:00	0:15:00	42.6	72.2	55.5	36.4	(550,57
458	7/10/2020 8:15	0:15:00	44.7	74.2	62.5	36.5	56/
459	7/10/2020 8:30	0:15:00	43.7	73.3	66.8	37.7	49.4
460	7/10/2020 8:45	0:15:00	42.4	71.9	51.2	37.6	47.8
461	7/10/2020 9:00	0:15:00	42.2	71.8	55.7	37.7	47.9
462	7/10/2020 9:15	0:15:00	42.6	72.2	60.8	(38.5)	50.3
463	7/10/2020 9:30	0:15:00	43.6	73.1	55.4	37.7	50.6
464	7/10/2020 9:45	0:15:00	43.5	73	60.1	3 6.7	51.1
465	7/10/2020 10:00	0:15:00	42.2	71.8	53.8	35.7	48.7
466	7/10/2020 10:15	0:15:00	43.6	73.1	57.9	37.4	51.4
467	7/10/2020 10:30	0:15:00	44.4	74	61.5	39.5	51.6
468	7/10/2020 10:45	0:15:00	46.4	76	67,4	41.5	53.2
469	7/10/2020 11:00	0:15:00	52.4	82	85.9	41.7	60.5
470	7/10/2020 11:15	0:15:00	46.9	76.4	66.6	41.2	55.8
471	7/10/2020 11:30	0:15:00	46.5	176	65	41	56.2
472	7/10/2020 11:45	0:15:00	49.7	79.27	70.4	40.7	62.9
473	7/10/2020 12:00	0:15:00	46.7	7,76,3	64.7	39.8	57.8
474	7/10/2020 12:15	0:15:00	44.4	$(\mathcal{O}_{8.9})$	58.4	40.7	48.9
475	7/10/2020 12:30	0:15:00	43.5	73	57.9	40.1	49.3
476	7/10/2020 12:45	0:15:00	44.6	74.2	59.6	41.3	48.5
477	7/10/2020 13:00	0:15:00	44.4	73.9	63.2	40.1	49.8
478	7/10/2020 13:15	0:15:00	44.5	74.1	56.8	39.9	49.6
479	7/10/2020 13:30	0:15:00 /	44.6	74.2	59.1	39.9	49.4
480	7/10/2020 13:45	0:15:00	45.7	75.2	65.2	40	54.6
481	7/10/2020 14:00	0:15:00	45.1	74.6	58.7	40.7	50
482	7/10/2020 14:15	0:15:00	44.6	74.1	62.3	40.1	51.8
483	7/10/2020 14:30		46.6	76.1	64.1	39.7	57
484	7/10/2020 14:45	<i>\\\</i>	49.2	78.7	67.5	40.7	59.3
485	7/10/2020 15:00		46.7	76.3	69.4	40	56.7
486	7/10/2020 15:15	0:15:00	46	75.6	64.3	39.8	55.8
487	7/10/2020 15:30	1	46.8	76.4	67	40.4	51.9
488	7/10/2020 15:45	/	45.5	75.1	57.5	40.4	51
489	7/10/2020 16:00		47.4	77	67.3	41.3	57
490	7/10/2020 16:15	0:15:00	49	78.5	68.7	42.9	58.8
491	7/10/2020 16:30	0:15:00	45.9	75.5	61	41.1	52.2
492		0:15:00	47.5	77	61.6	41.5	53.4
493	7/10/2020 17:00	0:15:00	45.5	75	57.6	41.9	49
494	7/18/2020 17:15	0:15:00	52.4	81.9	74.2	42.6	57.3
495	7/10/2020 17:30	0:15:00	45	74.5	62.4	41.6	49.5
496	7/10/2020 17:45	0:15:00	44.7	74.2	61.5	41.1	50.2
497	7/10/2020 17:13		45.6	75.1	77.2	40.9	51.4
498	7/10/2020 18:05	0:15:00	45.7	75.3	61.2	40.8	55.7
499	7/10/2020 18:30		43.3	72.8	58.4	40.5	45.6
.55	., 10, 2020 10.30	5.15.00	75.5	, 2.0	50	٠٠.5	₹5.0

500	7/10/2020 18:45	0:15:00	48.9	78.4	69.2	40.9	60
501	7/10/2020 19:00	0:15:00	47.4	77	69.9	40.5	58.6
502	7/10/2020 19:15	0:15:00	44	73.5	54.8	40.3	50.2
503	7/10/2020 19:30	0:15:00	44.4	73.9	56.5	40.5	50.8
504	7/10/2020 19:45	0:15:00	43.9	73.5	56.4	40.6	50,37
505	7/10/2020 20:00	0:15:00	43.9	73.5	55.3	40.5	500
506	7/10/2020 20:15	0:15:00	44.3	73.8	54.1	40.8	49.8
507	7/10/2020 20:30	0:15:00	44.7	74.3	54	40.8	(50,5)
508	7/10/2020 20:45	0:15:00	44.4	73.9	60.7	40.2	505
509	7/10/2020 21:00	0:15:00	44	73.6	55.8	AQ.7	50.4
510	7/10/2020 21:15	0:15:00	44.2	73.7	54.7	40.6	49.2
511	7/10/2020 21:30	0:15:00	45.2	74.8	53.8	40.9	48.8
512	7/10/2020 21:45	0:15:00	44.6	74.2	56.1	(40.1)	50.5
513	7/10/2020 22:00	0:15:00	42.9	72.4	48/2	40	45.5
514	7/10/2020 22:15	0:15:00	43.2	72.8	54	39.9	48
515	7/10/2020 22:30	0:15:00	46.3	75.8	53.5	> 41.1	52
516	7/10/2020 22:45	0:15:00	45.5	75.1	53.9	40.9	50.3
517	7/10/2020 23:00	0:15:00	44.8	74.3	(52.3)	40.3	49.4
518	7/10/2020 23:15	0:15:00	42.7	72.2	52,4	40.3	45.4
519	7/10/2020 23:30	0:15:00	43.8	73.4	55.2	40	49.2
520	7/10/2020 23:45	0:15:00	43.1	72.6	54.6	40	49.7
521	8/10/2020 0:00	0:15:00	42.6	V18.7	> 51.3	39.7	48.1
522	8/10/2020 0:05	0:15:00	43.5	737	60.2	39.4	51.8
523	8/10/2020 0:13	0:15:00	44.2		59.3	39.8	52.4
524	8/10/2020 0:30	0:15:00	44.5	(O) ₇₄	59.5 60	39.7	53.9
525	8/10/2020 1:00	0:15:00	46.5	76	62.1	39.7	55.9 57.6
525 526	8/10/2020 1:00	0:15:00	44.3	73.9	59.4	39.6	53.8
527	8/10/2020 1:13	0:15:00	46.7	75.9 76.2	63.7	39.8	55.8 57.8
528	8/10/2020 1:30	0:15:00	46	76.2 75.6	63.8	39.8 40.1	58.2
	• •		50				
529	8/10/2020 2:00	0:15:00	())	79.5	68.6	39.8	61.7
530	8/10/2020 2:15	(* /	46.2	75.8	61.9	39.8	57.6
531	8/10/2020 2:30	•	42.5	72.1	53.1	40.2	47.5
532	8/10/2020 2:45	0:15:00	47.6	77.2	62.9	39.6	59.3
533	8/10/2020 3:00	<i>\\\\</i>	48.7	78.3	64.4	39.9	59.9
534	8/10/2020 3:15	\	45.8	75.4	61	39.8	55.1
535	8/10/2020 3:30		45.8	75.4	62.5	40.1	56.5
536	8/10/2020/3:45	1	47	76.5	59.8	39.9	57.1
537	8/10/2020 4:00	/	46.3	75.9	64.3	40.1	56.9
538	8/10/2020 4;15		49	78.6	66.3	40.2	60.4
539		0:15:00	47.5	77	66.6	40.3	57.8
540		0:15:00	47.4	76.9	64.4	41.7	57.6
541	\sim	0:15:00	47.9	77.4	63.5	42	56.4
542		0:15:00	44.9	74.5	56	38.4	49.7
543	8/10/2020 5:30		44.9	74.4	63.6	37.6	54.1
544	ンハー	0:15:00	43.3	72.8	57.3	37.3	50
545		0:15:00	44.2	73.7	60	37.8	52
546		0:15:00	43.4	72.9	56.9	38.2	50.4
547	8/10/2020 6:30	0:15:00	46.4	75.9	67.3	37.9	58.2
548	• •	0:15:00	41.9	71.4	60.2	35.8	48.9
549	8/10/2020 7:00	0:15:00	42.6	72.2	60.8	35	54

550	8/10/2020 7:15	0:15:00	42.4	71.9	58.4	34	51.8	
551	8/10/2020 7:30	0:15:00	43.6	73.1	65.8	33.8	55.1	
552	8/10/2020 7:45	0:15:00	45.2	74.7	67.3	34	53.8	_
553	8/10/2020 8:00	0:15:00	45.2	74.7	61.9	34	54.2 (7
554	8/10/2020 8:15	0:15:00	44.8	74.4	65.5	36.2	54,47	* <i>(</i>
555	8/10/2020 8:30	0:15:00	45.3	74.8	63.4	34.8	543	(
556	8/10/2020 8:45	0:15:00	45.5	75	65.8	37.3	55.7	/
557	8/10/2020 9:00	0:15:00	44.4	73.9	57.3	35.5	(5/5/3)27	
558	8/10/2020 9:15	0:15:00	43.3	72.9	57.1	37	50.4	
559	8/10/2020 9:30	0:15:00	47.4	77	67.1	38.4	60.5	
560	8/10/2020 9:45	0:15:00	45.3	74.8	64.2	35,6	56.1	
561	8/10/2020 10:00	0:15:00	47.1	76.7	71.4	34.8	59.3	
562	8/10/2020 10:15	0:15:00	52.8	82.3	71.9	(35.1)	66.6	
563	8/10/2020 10:30	0:15:00	42.5	72.1	66/1	36.6	49.2	
564	8/10/2020 10:45	0:15:00	47.4	76.9	67.6	37.4	59.9	
565	8/10/2020 11:00	0:15:00	43.6	73.1	52.4	36.9	50.2	
566	8/10/2020 11:15	0:15:00	43.8	73.4	65	37.1	51.3	
567	8/10/2020 11:30	0:15:00	44.8	74.3	62:6	36.2	50.6	
568	8/10/2020 11:45	0:15:00	43.8	73.4	63,9	36.8	49.3	
569	8/10/2020 12:00	0:15:00	45.3	74.9	57.7	39.7	50.5	
570	8/10/2020 12:15	0:15:00	46.2	78.7	65.2	40.5	52.5	
571	8/10/2020 12:30	0:15:00	45	74.5	65.9	40.7	50.6	
572	8/10/2020 12:45	0:15:00	43.5	73.1	62.3	40.2	48.6	
573	8/10/2020 13:00	0:15:00	45.1	7 1747	61.5	40.1	52.2	
574	8/10/2020 13:15	0:15:00	44.3	78.8	54.5	40.1	49.7	
575	8/10/2020 13:30	0:15:00	47.2	76.7	73.6	40.6	50.9	
576	8/10/2020 13:45	0:15:00	46.2	75.8	68.2	41.9	51.1	
577	8/10/2020 14:00	0:15:00	49.6	79.1	78	41.2	57.7	
578	8/10/2020 14:15	0:15:00	46.3	75.9	65.2	40.7	53.4	
579	8/10/2020 14:30	0:15:00	45.8	75.3	69	40.8	52.9	
580	8/10/2020 14:45	0:15:00	46	75.5	61.5	41.3	55	
581	8/10/2020 15:00	0:15:00	44.8	74.3	57	41.6	49	
582	8/10/2020 15:15	0:15:00	4 6.1	75.7	56.5	42	53	
583	8/10/2020 15:30	0:15:00	46.9	76.4	59	42	52.2	
584	8/10/2020 15:45	0:15:00	48.8	78.4	60.3	42.3	55.9	
585	8/10/2020 16:00	0:15.00	46.2	75.7	55.9	41.9	51.2	
586	8/10/2020 16:15	0:15:00	46.2	75.7	55	41.8	50.6	
587	8/10/2020 16:30	0:15:00	50.1	79.6	74.4	41.6	59.7	
588	8/10/2020 16:45	0:15:00	52.8	82.3	78.9	41.3	64.2	
589	8/10/2020 17:00	0:15:00	44.8	74.4	56.6	41.8	49.8	
590	8/10/2020 17:15	0:15:00	44.7	74.3	58.3	40.7	52.4	
591	8/10/2020 17:30	0:15:00	44.9	74.5	57.4	40.7	49.5	
592	8/10/2020 17:45	0:15:00	44.9	74.5	56.5	40.6	51.6	
593	8/10/2020 18:00	0:15:00	46.9	76.4	64.7	40.3	56.4	
594	8/10/2020 18:15	0:15:00	45.8	75.3	61.6	40.5	53.6	
595	8/10/2020 18:30	0:15:00	43.9	73.4	57.8	40.5	52.8	
596	8/10/2020 18:45	0:15:00	45.4	74.9	59.2	40.5	52.5	
597	8/10/2020 19:00	0:15:00	45.5	75	69.2	40.4	52.6	
598	8/10/2020 19:15	0:15:00	48.2	77.7	78.5	40.4	57.8	
599	8/10/2020 19:30	0:15:00	49.4	79	64.9	40	60.7	

	600	8/10/2020 19:45	0:15:00	46.6	76.2	64.6	39.6	58.3
	601	8/10/2020 20:00	0:15:00	50.3	79.8	78.5	39.5	60.9
	602	8/10/2020 20:15	0:15:00	47.7	77.2	66	39.8	58.7
	603	8/10/2020 20:30	0:15:00	48.5	78	66.5	39.7	60.7
	604	8/10/2020 20:45	0:15:00	49.1	78.6	65.8	39.7	60,97
	605	8/10/2020 21:00	0:15:00	45.3	74.9	61.6	39.5	560
	606	8/10/2020 21:15	0:15:00	47.7	77.3	62.9	39.5	59.3
	607	8/10/2020 21:30	0:15:00	46.1	75.7	61.8	39.8	(556,87
	608	8/10/2020 21:45	0:15:00	50.4	79.9	63.8	40.1	602
	609	8/10/2020 22:00	0:15:00	46.4	75.9	62.6	40 (7/\$)57.9
	610	8/10/2020 22:15	0:15:00	49.2	78.7	78.6	39,9	58.9
	611	8/10/2020 22:30	0:15:00	45.4	74.9	64.4	39.9	50.4
	612	8/10/2020 22:45	0:15:00	49.1	78.6	80	(39.8)	55.5
	613	8/10/2020 23:00	0:15:00	44	73.5	58,9	39.4	52.9
	614	8/10/2020 23:15	0:15:00	51.4	81	64.5	40.1	61.8
	615	8/10/2020 23:30	0:15:00	42.9	72.4	50.7	> 40	47.1
	616	8/10/2020 23:45	0:15:00	50.8	80.4	60.7	40.4	59.3
	617	9/10/2020 0:00	0:15:00	51.6	81.1	(63.5)	41.5	61.3
	618	9/10/2020 0:15	0:15:00	46.4	76 _	55,9	40.9	52.3
	619	9/10/2020 0:30	0:15:00	43.6	73.2	60.2	40.2	49.1
	620	9/10/2020 0:45	0:15:00	50.7	80.2	80.2	40.2	60.8
	621	9/10/2020 1:00	0:15:00	44.7	74.3	> 54.9	39.9	51.7
	622	9/10/2020 1:15	0:15:00	44.5	~74.17	55.2	40.1	52.2
	623	9/10/2020 1:30	0:15:00	44.8	7 174.3	52.7	39.1	49.8
	624	9/10/2020 1:45	0:15:00	48.9	(0.58.4)	55.7	41.8	53.9
	625	9/10/2020 2:00	0:15:00	43.8	73.4	51.4	39.8	48.5
	626	9/10/2020 2:15	0:15:00	42	71.5	51.7	39.3	47.1
	627	9/10/2020 2:30	0:15:00	41.6	71.2	49.2	39.3	47
	628	9/10/2020 2:45	0:15:00	43.3	72.8	56.7	39	52.9
	629	9/10/2020 3:00	0:15:00 /	43.5	73	54.8	39.4	48.3
	630	9/10/2020 3:15		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	71	51	39.3	43.7
	631	9/10/2020 3:30	(*) '	42.8	72.3	57.7	39.5	49.4
	632	9/10/2020 3:45	0:15:00	45.3	74.9	63.7	39.6	55.6
	633	9/10/2020 4:00		46.3	75.8	64.5	39.2	56.9
	634	9/10/2020 4:15	0:15:00	45.7	75.2	63.2	39.8	56.1
	635	9/10/2020 4:30		48.2	77.7	64.8	40.1	58.7
	636	9/10/2020/4:45		48.3	77.8	61.9	41.2	56.6
	637	9/10/2020 5:00	1	44.9	74.4	63.3	35.8	52.5
	638	9/10/2020 5:15	/	42.3	71.9	62.4	35.7	49.1
	639	~ ~ ~ 7	0:15:00	44	73.5	60	36	56
	640		0:15:00	44.8	74.3	63.1	36.8	54.9
	641	W 03	0:15:00	44.6	74.1	64.5	35.6	54.9
	642	\sim	0:15:00	42.1	71.7	60.3	34.9	50.1
	643	9/10/2020 6:30		41.3	70.9	61.8	35	48.9
	644	9/10/2020 6:45	0:15:00	41.7	71.3	58.1	35.5	50.3
7	645	ノハト	0:15:00	41.4	70.9	58.1	34.5	49.4
Ì	646	9/10/2020 7:15	0:15:00	41	70.6	54.5	34.9	48.8
L	647	9/10/2020 7:30		43.5	73	65.9	37	53.8
	648	9/10/2020 7:45		46.9	76.4	68.5	37.5	57.8
V	649	9/10/2020 8:00	0:15:00	45.9	75.4	66	39.1	50.4
		5, 25, 2525 5.50	5.25.50	.5.5				50

0/40/2020 0 45							
9/10/2020 8:15	0:15:00	46.8	76.3	63	40	54.4	
9/10/2020 8:30	0:15:00	48	77.5	72.7	40.4	56.2	
9/10/2020 8:45	0:15:00	52.7	82.3	69.3	41.1	57.7	_
9/10/2020 9:00	0:15:00	50.6	80.1	66.6	40.6	58.9 ((7/1
9/10/2020 9:15	0:15:00	48	77.6	65	42.2	55,47	
9/10/2020 9:30	0:15:00	47	76.6	59.6	42.5	5/3/2/)
9/10/2020 9:45	0:15:00	46.8	76.3	59.2	42.1	53.1	/
9/10/2020 10:00	0:15:00	45.7	75.3	65.6	42.2	(552)47	
9/10/2020 10:15	0:15:00	46.2	75.8	62.2	42.1	54.4	
9/10/2020 10:30	0:15:00	47.4	76.9	67.5	A2.6(\/	54.8	
9/10/2020 10:45	0:15:00	46.5	76.1	60.2	42,4	52.8	
9/10/2020 11:00	0:15:00	50.5	80.1	72.1	43.8	55.1	
9/10/2020 11:15	0:15:00	49	78.5	59.1	(43.5)	54.3	
9/10/2020 11:30	0:15:00	52	81.6	70/8	43.2	60.1	
9/10/2020 11:45	0:15:00	50.2	79.7	66.3	44.9	57.2	
9/10/2020 12:00	0:15:00	49.6	79.2	69.6	42.2	59.7	
9/10/2020 12:15	0:15:00	48.5	78	58.2	41.5	53	
9/10/2020 12:30	0:15:00	49.7	79.3	67.4	43.1	53.9	
9/10/2020 12:45	0:15:00	45.8	75.4	614	41.1	50.4	
9/10/2020 13:00	0:15:00	43.8	73.4	62.8	39.9	49	
9/10/2020 13:15	0:15:00	45.6	78.1	61.4	40.5	52.2	
9/10/2020 13:30	0:15:00	51.4	80.9	70.3	41.6	62.5	
9/10/2020 13:45	0:15:00	51.2	/80.7/	65.9	41.9	61.3	
9/10/2020 14:00	0:15:00	51.2	J 180,8	70	43.9	61.4	
9/10/2020 14:15	0:15:00	51.3	80.9	71.4	44.2	59.9	
9/10/2020 14:30	0:15:00	49.6	79.2	71.2	44	56	
9/10/2020 14:45	0:15:00	49.3	78.8	65.8	44.5	53.5	
9/10/2020 15:00	0:15:00	49.6	79.2	63.9	43.8	56	
9/10/2020 15:15	0:15:00	48.4	77.9	65.4	43.9	53.7	
9/10/2020 15:30		46.7	76.2	63.4	41.8	53.4	
9/10/2020 15:45	(*)	46.9	76.4	59.7	41.7	53.7	
9/10/2020 16:00	0:15:00	48.2	77.7	60.3	42.7	55.7	
9/10/2020 16:15	0:01:52	67.9	88.4	92.3	14.8	81.2	
^	$\langle \langle \langle \rangle \rangle$	•					
	9/10/2020 8:30 9/10/2020 8:45 9/10/2020 9:00 9/10/2020 9:15 9/10/2020 9:30 9/10/2020 10:00 9/10/2020 10:15 9/10/2020 10:45 9/10/2020 11:00 9/10/2020 11:30 9/10/2020 11:45 9/10/2020 12:15 9/10/2020 12:45 9/10/2020 12:45 9/10/2020 13:30 9/10/2020 13:30 9/10/2020 13:45 9/10/2020 13:45 9/10/2020 13:45 9/10/2020 13:45 9/10/2020 13:45 9/10/2020 14:59 9/10/2020 14:59 9/10/2020 14:59 9/10/2020 14:59 9/10/2020 14:59 9/10/2020 14:59 9/10/2020 15:15 9/10/2020 15:30 9/10/2020 15:45 9/10/2020 15:45 9/10/2020 15:45	9/10/2020 9:00 0:15:00 9/10/2020 9:15 0:15:00 9/10/2020 9:30 0:15:00 9/10/2020 9:45 0:15:00 9/10/2020 10:00 0:15:00 9/10/2020 10:15 0:15:00 9/10/2020 10:30 0:15:00 9/10/2020 10:45 0:15:00 9/10/2020 11:00 0:15:00 9/10/2020 11:15 0:15:00 9/10/2020 11:30 0:15:00 9/10/2020 11:45 0:15:00 9/10/2020 11:45 0:15:00 9/10/2020 12:00 0:15:00 9/10/2020 12:15 0:15:00 9/10/2020 12:30 0:15:00 9/10/2020 12:45 0:15:00 9/10/2020 13:15 0:15:00 9/10/2020 13:00 0:15:00 9/10/2020 13:45 0:15:00 9/10/2020 13:45 0:15:00 9/10/2020 13:45 0:15:00 9/10/2020 14:45 0:15:00 9/10/2020 14:50 0:15:00 9/10/2020 14:50 0:15:00 9/10/2020 14:50 0:15:00 9/10/2020 14:50 0:15:00 9/10/2020 15:50 0:15:00 9/10/2020 15:50 0:15:00 9/10/2020 15:50 0:15:00 9/10/2020 15:50 0:15:00 9/10/2020 15:45 0:15:00 9/10/2020 15:45 0:15:00 9/10/2020 15:45 0:15:00	9/10/2020 8:30 0:15:00 52.7 9/10/2020 9:00 0:15:00 50.6 9/10/2020 9:15 0:15:00 48 9/10/2020 9:30 0:15:00 47 9/10/2020 9:45 0:15:00 45.7 9/10/2020 10:00 0:15:00 45.7 9/10/2020 10:15 0:15:00 46.2 9/10/2020 10:30 0:15:00 46.5 9/10/2020 10:45 0:15:00 46.5 9/10/2020 11:00 0:15:00 50.5 9/10/2020 11:15 0:15:00 49 9/10/2020 11:30 0:15:00 52 9/10/2020 11:45 0:15:00 52 9/10/2020 12:00 0:15:00 49.6 9/10/2020 12:30 0:15:00 49.6 9/10/2020 12:30 0:15:00 45.8 9/10/2020 12:45 0:15:00 45.8 9/10/2020 13:00 0:15:00 45.8 9/10/2020 13:30 0:15:00 51.2 9/10/2020 13:45 0:15:00 51.2 9/10/2020 14:30 0:15:00 51.2 9/10/2020 14:30 0:15:00 49.6	9/10/2020 8:30 0:15:00 48 77.5 9/10/2020 9:00 0:15:00 52.7 82.3 9/10/2020 9:15 0:15:00 50.6 80.1 9/10/2020 9:30 0:15:00 48 77.6 9/10/2020 9:45 0:15:00 47 76.6 9/10/2020 10:00 0:15:00 45.7 75.3 9/10/2020 10:15 0:15:00 46.2 75.8 9/10/2020 10:30 0:15:00 47.4 76.9 9/10/2020 10:45 0:15:00 46.5 76.1 9/10/2020 11:00 0:15:00 46.5 76.1 9/10/2020 11:10 0:15:00 40.5 76.1 9/10/2020 11:15 0:15:00 40.5 76.1 9/10/2020 11:30 0:15:00 49 78.5 9/10/2020 11:45 0:15:00 50.2 79.7 9/10/2020 12:45 0:15:00 49.6 79.2 9/10/2020 12:45 0:15:00 49.6 79.2 9/10/2020 13:30 0:15:00 45.8 75.4 9/10/2020 13:45 0:15:00 45.6 75.1	9/10/2020 8:30 0:15:00 48 77.5 72.7 9/10/2020 8:45 0:15:00 52.7 82.3 69.3 9/10/2020 9:00 0:15:00 50.6 80.1 66.6 9/10/2020 9:15 0:15:00 48 77.6 65 9/10/2020 9:30 0:15:00 47 76.6 59.6 9/10/2020 9:45 0:15:00 46.8 76.3 59.2 9/10/2020 10:00 0:15:00 45.7 75.3 65.6 9/10/2020 10:15 0:15:00 46.2 75.8 62.2 9/10/2020 10:30 0:15:00 47.4 76.9 67.5 9/10/2020 10:45 0:15:00 46.5 76.1 60.2 9/10/2020 11:30 0:15:00 46.5 76.1 60.2 9/10/2020 11:30 0:15:00 49 78.5 59.1 9/10/2020 11:30 0:15:00 50.5 80.1 72.1 9/10/2020 11:30 0:15:00 50.2 79.7 66.3 9/10/2020 11:45 0:15:00 50.2 79.7 66.3 9/10/2020 12:00 0:15:00 49.6 79.2 69.6 9/10/2020 12:30 0:15:00 49.7 79.3 67.4 9/10/2020 12:30 0:15:00 45.8 75.4 61.4 9/10/2020 13:15 0:15:00 45.6 75.1 61.4 9/10/2020 13:30 0:15:00 45.6 75.1 61.4 9/10/2020 13:45 0:15:00 45.6 75.1 61.4 9/10/2020 13:45 0:15:00 51.2 80.7 65.9 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 9/10/2020 14:45 0:15:00 49.6 79.2 63.9 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 9/10/2020 14:45 0:15:00 49.6 79.2 63.9 9/10/2020 15:15 0:15:00 49.6 79.2 63.9 9/10/2020 15:15 0:15:00 49.6 79.2 63.9 9/10/2020 15:15 0:15:00 48.4 77.9 65.4 9/10/2020 15:45 0:15:00 46.9 76.4 59.7 9/10/2020 15:45 0:15:00 46.9 76.4 59.7 9/10/2020 15:45 0:15:00 46.9 76.4 59.7 9/10/2020 15:45 0:15:00 46.9 76.4 59.7 9/10/2020 15:45 0:15:00 46.9 76.4 59.7	9/10/2020 8:30 0:15:00 48 77.5 72.7 40.4 9/10/2020 8:45 0:15:00 52.7 82.3 69.3 41.1 9/10/2020 9:00 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58.1 9/10/2020 10:00 0:15:00 45.7 75.3 65.6 42.2 55.4 9/10/2020 10:00 0:15:00 45.7 75.3 65.6 42.2 59.4 9/10/2020 10:15 0:15:00 46.2 75.8 62.2 42.1 53.1 9/10/2020 10:30 0:15:00 47.4 76.9 67.5 42.6 54.8 9/10/2020 10:45 0:15:00 46.5 76.1 60.2 42.4 52.8 9/10/2020 11:15 0:15:00 46.5 76.1 60.2 42.4 52.8 9/10/2020 11:15 0:15:00 46.5 76.1 60.2 42.4 52.8 9/10/2020 11:30 0:15:00 49 78.5 59.1 42.1 53.1 9/10/2020 11:30 0:15:00 50.5 80.1 72.1 43.3 55.1 9/10/2020 11:30 0:15:00 50.5 80.1 72.1 43.3 55.1 9/10/2020 11:45 0:15:00 50.2 79.7 66.3 44.9 57.2 9/10/2020 12:30 0:15:00 49.6 79.2 69.6 42.2 59.7 9/10/2020 12:30 0:15:00 49.6 79.2 69.6 42.2 59.7 9/10/2020 12:30 0:15:00 49.6 79.2 69.6 42.2 59.7 9/10/2020 12:30 0:15:00 49.7 79.3 67.4 43.1 53.9 9/10/2020 12:30 0:15:00 49.8 75.4 67.4 43.1 53.9 9/10/2020 13:30 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:30 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:30 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:45 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:45 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:45 0:15:00 45.6 75.4 60.4 41.1 50.4 9/10/2020 13:45 0:15:00 45.6 75.4 60.9 70.3 41.6 62.5 9/10/2020 13:45 0:15:00 51.2 80.7 65.9 41.9 61.3 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 41.9 61.3 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 41.9 61.3 9/10/2020 14:45 0:15:00 51.2 80.7 65.9 41.9 61.3 9/10/2020 14:45 0:15:00 49.6 79.2 63.9 43.8 56.8 44.5 53.5 9/10/2020 14:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.9 43.8 56.9 9/10/2020 15:45 0:15:00 49.6 79.2 63.

LA:	10	LA50		LA90		LA95		LCpeak	(Over	Under	Pause
	15.2		L5.1		14.9		14.9	41.			Under	-
	15.4		15.2		15		15				Under	_
	15.5		15.2		15.1		15.1	43.			Under	
	15.4		15.3		15.2		15.1	36.			Under	
	15.5		15.3		15.2		15.2	36.			Under	
	15.5		L5.4		15.2		15.2				Under	
	15.5		L5.4		15.2		15.2				Under	
	15.6		L5.4		15.3		15.2	36.			Under	- V(0)
	15.6		L5.4		15.3		15.2	36.			Under	(7/1)
	15.6		15.5		15.3		15.3		о О		Under	
	15.6		L5.4		15.3		15.3	45.			Under	
	15.6		L5.4		15.3		15.2				Under	_(((/ / /) ~
	15.6		L5.4		15.3		15.3	63.			Under	
	58.2		L7.6		15.3		15.3			Over	Under	
	51.9		50.9		50.3		50.2	87.			-	
	53.8		50.8		50.1		50.2	83.			- ~	_
	51.4		19.9		48.3		48	85.				_
	49.7		49		48.4		48.2	81.				_
	49.7		18.8		48.3		48.1	87.		/		_
	49.4		18.6		48.1		48	97.		~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		_
	48.9		18.4		47.8		47.7				<u> </u>	_
	48.7		18.1		47.6		47.5	81.		Www.	/ -	
	48.5		17.9		47.4		47.3		60	\sim	_	_
	49.7		48		47.5		47.3	81	Š.	(Or	_	_
	50.2		18.1		47.5		47.4	80.	2	\smile	_	_
	49.4		18.1		47.5		47.3	/	. '	<u> </u>	_	_
	50.4		48		47.4		47.3		\checkmark	_	_	_
	52.1		18.5		47.6		47.5	82.		_	_	_
	49.1		18.1		47.6		47.5	\ \\			_	_
	51.6		18.2		47.6	\triangle	47.4	1 1			_	_
	49.3		48		47.5	\(\frac{1}{\sigma}\)	47.4	81.			_	-
	52.8		18.2		47.5	~~~	47.4	92.			_	_
	48.9		48		4Z.5	1	47.4	81.			_	-
	49.6		18.1		47.5		47.4	81.			_	-
	49.4		48		47.5		47.3		, 0 .		_	-
	48.5		48		47.5		47.3		0 -		_	-
	48.4		17.9	((474		47.3	80.			_	-
	48.6		17.9	~	47.4		47.3		0 -		_	-
	49.7		48	~~	47.4		47.3	80.			_	-
	49.3		48		47.4		47.3	80.			_	-
	51	~	48	ク	47.4		47.3	80.			_	-
	49.9	\sim	48		47.4		47.3	83.			_	-
	49.6	. / /	48		47.4		47.3	85.			_	-
	50.1	1/	48		47.4		47.3	80.			_	-
	\$50,1	((رك	48		47.5		47.4	80.			_	-
	49.8	50	48		47.4		47.3	86.			_	-
	50.7	•	17.9		47.4		47.2	80.			_	-
/	49.5		18.2		47.6		47.5	81.			_	-
	50.4		19.1		48		47.8	86.			-	-

51.9	49	47.9	47.7	98.8 -	-	-	
50.6	48.6	47.5	47.3	99.1 -	-	-	
48.6	47.7	47.2	47.1	84.4 -	-	-	
54	48	47.4	47.2	86.6 -	-	-	(O/A)
50.4	47.8	47.3	47.1	81.2 -	-	-	
50.4	47.8	47.2	47.1	80.1 -	-	-	
51.4	47.9	47.3	47.1	80.3 -	_	-	
51.7	48	47.3	47.2	80.8 -	_	_	(ΩN)
54.1	48.1	47.3	47.1	80.7 -	_	_	\sim (0)
52.2	47.9	47.2	47.1	81 -	_	- ^	(0/1)
54.3	48.6	47.5	47.4	81.5 -	_	_ <	
53.5	49.3	47.8	47.5	85.8 -	_	- (=	
46.8	41.1	38.5	37.9	80.1 -	_	_(()
46.2	40.2	37.3	36.7	77.3 -	_ /	$\mathcal{A}_{\mathcal{A}}$	
48.5	41.2	38.7	38.2	79.8 -			
51.4	42.6	39.4	38.9	84 -			
46	41	38.7	38.2	72 -			
45.6	40.8	38.5	37.9	83.3 -		> _	
45.7	41.2	38.8	38.3	82 -		_	
44.6	40.8	38.6	38.2	77.1 -		_	
47.6	41.5	38.6	38.1	82.1 -	(\bigcirc)		
46.1	41.3	40.7	40.3	83.8 -		-	
50.7	40.9	38.8	38.1	86.1	\sim	-	
44.3				82.8(-7)		-	
	40.1	37.5	36.9	80.7	-	-	
46.1	42.1	39.8	39.1	95.6	-	-	
48.7	44.4	40.1	39.4		-	-	
47.1	43.2	41.1	40.7	1 82,4	-	-	
46	43.1	41.1	40.6	91.2 -	-	-	
47.1	43.2	41.5	41.2	80.3 -	-	-	
47	43.1	40.1	39.5 39.8	87.4 -	-	-	
47.4	43.5	40.6		87.8 -	-	-	
49.6	46.4	43.4	42.6	89.9 -	-	-	
51.5	46.8	41.5	40.3	87.7 -	-	-	
46.6	42.9	40.5	39.9	85.6 -	-	-	
47.3	43.3	41.2	40.8	91.2 -	-	-	
50.2	47.9	46.4	45.9	84.4 -	-	-	
54	50	47.9	47.5	102.3 -	-	-	
53.3	45.6	41.77	41.1	90.5 -	-	-	
50.1	45.6	43.1	42.5	92.4 -	-	-	
49.2	45.8 47.4	43.3	42.8	81.4 -	-	-	
50.2	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	45.1	44.6	79.2 -	-	-	
51.2	49	45	44.3	101.6 -	-	-	
50.6	49.1	48.2	48	82.7 -	-	-	
51	48.7	47.6	47.4	84.7 -	-	-	
50.5	48.7	47.7	47.5	87.7 -	-	-	
1539	49.9	48.6	48.4	102.5 -	-	-	
51.2	49.1	48	47.8	102.3 -	-	-	
51.7	49.4	48.1	47.9	89.1 -	-	-	
51.4	49.9	48.8	48.6	88 -	-	-	
52.9	49	48	47.8	104 -	-	-	

54.9	50	47.9	47.5	91.5 -	-	-		
51	49.2	48.2	47.9	81.1 -	-	-		
50.4	48.1	47.3	47.1	95.6 -	-	-		
49.5	47.7	46.9	46.7	92.2 -	-	-	(0)	λ
49.7	47.8	46.9	46.7	82 -	-	-		リ
48.4	45	40.8	40.5	81.2 -	-	-		
46.8	43.6	42	41.6	94.9 -	-	-		
46.7	43.9	42.6	42.2	94 -	-	-	$(S/N)^{2}$	
45.4	43.2	42.1	41.9	86.8 -	-	-		
49.3	46.9	44.1	43.5	84.7 -	-	- ^	$(\langle // \rangle)$	
51.8	48.8	46.1	45.2	99.1 -	-			
52.8	49.1	46.2	45.7	91.7 -	-	-		
52.7	47.5	45.2	44.8	102.1 -	-	$\sim (\%)$	3)	
52.8	48.3	45.9	45.3	110.4 -	- /)		
56.8	50.9	46.7	45.7	107.8 -	- <			
58.2	51.5	44.9	44.2	102.8 -	-			
51	46.3	44.1	43.8	92.3 -	-	-		
51.6	46.5	44	43.6	90.7 -	4	> -		
52.1	47	44.9	44.5	87.8 -		-		
59.3	47.8	44.1	43.8	94 -	(-)	-		
64	50	44.3	43.8	86.1 - 🗘		-		
61.7	49.4	43.8	43.5	88.9 -	\ -	-		
61.3	51.3	44.7	44.3	102.5	ے ''	-		
60	47.5	43.5	43.2	96.7	7 -	-		
57.2	48	43.9	43.4	101.8	-	-		
57.9	47.1	43.5	43.3	88.9 -	-	-		
64.2	54.7	45.4	44.3	(107.9)-	-	-		
58.8	50.1	44.2	43.8	98.5 -	-	-		
61.2	50.8	43.8	43.4	84.1 -	-	-		
58.4	47.8	43.8	43.3	88.7 -	-	-		
60.7	45.1	43.3	2,43. <u>1</u>	87.7 -	-	-		
57.8	44.1	42.2	41.9	86.6 -	-	-		
46.1	43	41.8	41.6	81.8 -	-	-		
43.6	42.3	#1.5	41.3	81.3 -	-	-		
50.8	45.1	42.5	42.1	89.5 -	-	-		
54.5	47.3	44	43.5	99.6 -	-	-		
62.3	46.9	42,9	42.6	87.5 -	-	-		
58.8	46.7	48,5	43.2	90.8 -	-	-		
53.1	46.2	43.9	43.4	84.6 -	-	-		
58.7	47	43.2	42.9	90.6 -	-	-		
58.4	44.1	42.5	42.1	85.9 -	-	-		
51.3	45.8	42.4	42.1	95 -	-	-		
49.3	43.4	41.7	41.4	97.7 -	-	-		
48.1	42.7	41.6	41.3	101 -	-	-		
43.4	41.9	41.2	41	85.6 -	-	-		
443	42.1	41.3	41.1	97.6 -	-	-		
43.7	42	41.2	40.9	76.1 -	-	-		
44.7	42	41.1	40.9	77.1 -	-	-		
43.5	42	41.2	41	79.1 -	-	-		
44.6	42.2	41.3	41.1	77.5 -	-	-		

46.1	42.9	41.8	41.5	75.1 -	-	-		
45.6	42.3	41.5	41.3	74.2 -	-	-		
53.3	44.3	41.9	41.6	77.2 -	-	-		
49	43.2	41.7	41.4	75 -	-	-		(O/A)
47.1	43.4	42.2	41.9	75.8 -	-	-		,(0)
47.7	43.5	42.2	41.9	74.6 -	-	-	(0	\sim
49.2	44.7	42.9	42.5	79.2 -	-	-		
48.3	44.8	43.5	43.2	81.1 -	-	-	(ΩN)	7
50.9	46.7	41.8	40.6	86 -	-	-	\sim	
49.2	43.5	39.4	38.8	84.5 -	-	- ^	(\bigcirc/\bigcirc)	
46.6	41	38.1	37.4	71.4 -	-			
46.2	40.7	37.8	37.3	79.7 -	-			
46.7	40.1	37.5	37	73.4 -	-	_ ((//	()	
48.6	39.2	37	36.8	74.5 -	- /			
45	39.5	37.2	36.8	71.7 -				
46.6	40.3	37.6	37	74.7 -	-	/->		
46.7	39.7	37.4	36.8	79.8 -		-		
45.9	38.7	37	36.6	75.6 -	A	> -		
46.1	39.3	37.3	36.9	78.7 -		-		
49.4	39.4	36.3	35.8	85.2 -	$\left(\begin{array}{c} -\end{array}\right)^{\vee}$	-		
42.5	38.7	36.5	36.2	74.7 - 🔷		-		
42.1	38.9	37.3	36.9	94.6 -		-		
43.4	38.5	36.4	35.9	78.6	~~ ·	-		
43.4	38.6	36.6	36.1	76.7	7 -	-		
44.3	39.4	37.3	36.6	73.8 (0)	-	-		
46.7	41	38.5	38.1	83.1	-	_		
43.2	40.4	38.3	37.9 /	77.67-	-	-		
45.5	39.8	37.6	37.1	75.6 -	-	-		
42.3	38.6	36.2	35.6	76.1 -	-	-		
46.2	39.1	36	35.5	72.9 -	-	-		
46.2	40.4	37.1 <i>(</i>	2,36.4)	70.5 -	-	-		
44	39.2	37.2	36.7	75.9 -	-	-		
42.6	39.7	37.4	36.8	85.5 -	-	-		
42.9	39.4	<i>3</i> ₹.1	36.6	87 -	-	-		
45.4	40.1	37.1	36.6	78.7 -	-	-		
43.8	39.6	37.4	36.7	78.1 -	-	-		
44.7	39.5	37,3	36.9	85.2 -	-	-		
44.2	39.8	37.8	37.3	81.3 -	-	-		
42.8	39.3	37.5	37.1	77.4 -	-	_		
42.4	39.5	37.4	36.9	76.5 -	-	-		
42.4	39.7	37.6	37.2	73.8 -	-	_		
44.9	39.4	37.2	36.7	69 -	-	_		
45.5	39.3	37	36.5	86.5 -	-	_		
47.4	40.8	37.8	37.1	79.9 -	-	_		
41.5	39	36.7	36.2	94.7 -	-	_		
7429	89.4	37.2	36.8	76.2 -	-	_		
41.2	39.2	37.5	37.1	74.4 -	-	-		
42.8	40.2	38.2	37.8	78.9 -	-	_		
42	40	38.3	37.8	69.9 -	-	-		
41.5	39.3	37.6	37.3	77.8 -	-	_		

41.6	39.1	37.2	36.9	82 -	-	-		
42.7	39.3	37.1	36.5	73.1 -	-	-		
44.7	40.2	37.6	37	73.4 -	-	-		
46.1	40	37.4	36.8	78.8 -	-	-	(O/h)	
42.1	39.5	37.2	36.7	70 -	-	-		'
42	39.5	38	37.6	70.6 -	-	-	(\bigcirc)	
42.7	38.9	37.3	37	72.4 -	-	-		
41	38.5	37.2	36.9	74.6 -	-	-	(ΩN)	
43.3	38.9	37.2	36.8	74.1 -	-	-	VO)	
42.4	38.3	36.7	36.3	82.3 -	-	- ^	(0/1)	
41.8	37.4	35.9	35.6	74.1 -	-			
39.8	37.4	36.1	35.8	70.7 -	_			
39.7	38	36.1	35.7	67.9 -	_	_(3)	
40.1	38.5	36.8	36.4	69.4 -	- /	$\mathcal{A}_{\mathcal{C}}$	9	
40.4	38.3	36.6	36.3	67.4 -	<<			
38.4	36.6	35.5	35.2	71 -	_			
38.7	37.2	35.5	35.1	67.8 -	- ~			
38.3	36.6	35.3	35.1	65.8 -		\		
39.1	37	35.1	34.7	69.9 -		_		
39.1	36.6	35.1	34.7	67.3 -		_		
39	36.9	35.2	35	67.1 -	(\bigcirc)	_		
				. \		-		
39.8	38.1	35.8	35.5	66.8 -	\sim	-		
38.4	36.6	35	34.7	64.9	<u> </u>	-		
38.3	36.7	34.9	34.6	79.07	7 -	-		
38	36.2	35	34.8	63.6	-	-		
38	36.4	35	34.7	64.6	-	-		
37.9	36.2	35.1	34.9	1 (60.7)-	-	-		
38.1	36.1	34.9	34.7	68.9 -	-	-		
37.2	35.7	34.5	34.2	66.4 -	-	-		
37.7	36	34.8	34.5	67.2 -	-	-		
38.1	36.7	34.9	(₂ 34.5)	65.8 -	-	-		
37.9	36.4	34.8	34.5	71 -	-	-		
37.2	35.7	34.3	34	62.9 -	-	-		
38.3	35.7	34.2	34	77.8 -	-	-		
39.5	37.2	35	34.5	70.1 -	-	-		
37.7	35.2	34	33.8	68.4 -	-	-		
36.6	34.6	33.7	33.5	63.6 -	-	-		
38.7	35.7	38.8	33.6	59.7 -	-	-		
37.8	34.4	33.5	33.3	63 -	-	-		
36.2	34.4	33.4	33.2	66.9 -	-	-		
36.3	34.6	33.5	33.4	66.8 -	-	-		
36.6	34.8	33.7	33.5	75.7 -	-	-		
36.8	34.8	33.5	33.3	68.8 -	-	-		
38.4	36.3	34.4	34.1	65.5 -	-	-		
) B8	35.9	33.9	33.7	64.7 -	-	-		
375	35	33.8	33.6	72.7 -	-	-		
38>	35.7	34	33.7	58.4 -	-	-		
38.1	36.4	34.2	33.8	61.7 -	-	-		
38.5	36.3	33.8	33.5	66.8 -	-	-		
39.6	35.3	33.7	33.4	76.4 -	-	-		

41.8	35.8	34.3	34.1	72.7 -	-	-		
41.6	36.2	34.5	34.3	74.3 -	-	-		
46.1	40.5	38	37.4	74.7 -	-	-		_
45.1	40.9	38.5	37.9	71 -	-	-	((7/1
46.1	41.3	38.9	38.3	71.1 -	-	-		
45.9	41.1	38.5	38	73.8 -	-	-	(\mathcal{O}_{α})	$\widetilde{}$
46.5	41.5	38.6	38.2	76.5 -	_	-		
47.3	41.9	38.7	38.2	81.3 -	_	_	(9/2)	
47.1	40.8	37.5	37.1	76.7 -	_	_	\sim (0)	
45.8	39.9	37.3	36.9	77.7 -	_	- ^	(0/1)	
48.8	40.7	37.1	36.5	79.2 -	_			
46.5	39.3	35.2	34.7	78.3 -	_	- (=		
43.8	37.7	34.8	34.3	71.9 -	_	_(3)	
45	38	35.2	34.8	72.2 -	_ /	$\mathcal{D}_{\mathcal{C}}$		
43.4	37.6	35	34.7	77.8 -				
42.9	37.5	34.8	34.3	69.3 -				
43.6	37.7	34.9	34.3	73.2 -	- ~	<u> </u>		
43.1	37.6	34.9	34.5	75.1 -		> _		
45.8	38.7	35.3	34.7	73 -		_		
44.6	38.6	36.3	35.7	75.5 -		_		
45.2	39.2	36.2	35.6	76.5 - 🗘		_		
47.4	39.8	36.5	36	75.1 -		_		
47.4	38.5	36	35.3	77.7	\sim	-		
44.3	38.1	35.7	35.3 35.1	74.4(-)		-		
				V/() Y	7 -	-		
51.9	39.4	36.1	35.3	78.3	-	-		
49 51.4	39 40.3	36	35.1		-	-		
51.4	40.2	37.2	36.8	80.6	-	-		
46.8	39.9	37	36.5	80.1 -	-	-		
41.7	38.8	37.2	36.8	70.6 -	-	-		
41.4	38.3	36.9	36.5 36.9	7 3.2 -	-	-		
46.3	39.6	37.6		74.2 -	-	-		
44	39.7	38	37.6	75.5 -	-	-		
43	39.8	37.9	37.4	72.7 -	-	-		
41.9	38.7	37.2	36.9	69.8 -	-	-		
46.6	40.4	38	✓ 37.5	77.1 -	-	-		
48.6	40.3	38.2	37.9	77 -	-	-		
46.1	39.6	37.5	37.1	78.2 -	-	-		
46.4	39.7	37.5	37	79 -	-	-		
42.8	39	37	36.5	81.3 -	-	-		
42.9	39.7 40.5	37.7	37.2	74.7 -	-	-		
44.5	\sim	38.4	37.8	80.8 -	-	-		
44.6	40.2	38.6	38.2	75.9 -	-	-		
42.4	40	38.6	38.2	76.8 -	-	-		
46.2	41.3	39.3	38.6	78.3 -	-	-		
45.4	41.9	40.7	40.4	75.2 -	-	-		
45.1	42.5	41.1	40.9	77 -	-	-		
43.7	42	40.8	40.6	75.4 -	-	-		
43.6	42	40.7	40.4	72.8 -	-	-		
44.7	42.7	41.4	41.1	73.3 -	-	-		
43.3	41.9	40.9	40.7	76.1 -	-	-		

43.1	40.9	37.9	37.5	73.1 -	-	_		
41.5	39.4	37.8	37.3	74 -	-	-		
41.6	39	37.4	37	74.4 -	-	-		_
42.2	39.1	37.4	37	80.7 -	-	_	(7/1
39.8	38	36.5	36.2	74.6 -	-	-		
40.9	38.3	36.9	36.5	67.7 -	-	-	$(\mathcal{O}_{\widehat{\mathcal{O}}})$)
42.8	37.9	36.7	36.4	78.1 -	-	-		/
40	39.1	38.1	37.6	69.9 -	-	-	(ΩN)	
38.9	37.3	35.9	35.6	80.1 -	-	-	V(0)	
38.8	37.6	36.4	36	80.5 -	-	- ^	(0/1)	
39.6	37.8	36.3	35.9	68 -	_	_ <		
39.5	37.6	35.3	34.9	77.5 -	_		\rightarrow	
37.9	36.1	34.9	34.7	70.2 -	_	_(\mathcal{L}	
37.8	36.2	35.1	34.9	71.4 -	_ /	$\mathcal{A}_{\mathcal{C}}$	9	
37.9	36.8	35.6	35.2	64.7 -				
38.3	36.6	35	34.7	66.2 -				
38.4	36.3	34.9	34.7	65.7 -		_		
38.4	36.3	34.6	34.7	69.7 -		\		
37.6	36.3	34.0		72.5 -		V -		
	36.5		34.8 34.8	72.3 <i>-</i> 70.3 <i>-</i>		-		
38.4		35		65.7 -	(\bigcirc)	-		
37.1	35.8	34.8	34.5	. \		-		
36.8	35.3	34.4	34.1	63.5 -	\searrow	-		
37 26.7	36.2	34.7	34.4	66.9	<i>y</i> -	-		
36.7	35.2	33.9	33.7	71.9	7 -	-		
36.4	35	34.1	33.9	60	-	-		
37	35.7	34.4	34.2	61.5-	-	-		
36.4	35.1	34.2	33.9	7 (69 -	-	-		
36.6	35.8	34.6	34.3	65.5 -	-	-		
36.9	36	34.8	34.5	67.3 -	-	-		
36.4	35.5	34.6	34.4	61.1 -	-	-		
36.7	35.7	34.6	(₂ 34.4)	66.7 -	-	-		
36.6	35.2	34.2	34	61.9 -	-	-		
37.6	35.3	34.5	34.3	65.1 -	-	-		
37.1	35.7	34.5	34.3	70.4 -	-	-		
36.6	35.5	34.5	34.3	63.7 -	-	-		
36.8	35.7	34.2	33.9	64.9 -	-	-		
36.7	35.5	34	33.8	65.9 -	-	-		
36.5	35	38,6	33.7	64.8 -	-	-		
37.8	35.6	34.1	33.9	67.6 -	-	-		
37.1	35.5	34	33.7	64.8 -	-	-		
36.9	35.1	33.7	33.4	67.7 -	-	-		
37	35.2	33.8	33.6	65.5 -	-	-		
37.3	34.8	33.8	33.6	73.5 -	-	-		
37.5	36	34.4	34	66.3 -	-	-		
37.7	35.9	34.4	34	68.1 -	-	-		
139.5	36	34.1	33.8	67 -	-	-		
43.9	36.9	35.2	34.9	76 -	-	-		
45.7	38.5	36.7	36.3	76.2 -	-	-		
47.7	42.7	40	39.5	77.6 -	-	-		
48.1	42.7	40.4	39.8	86.8 -	-	-		

46.5	42.3	39.7	39.3	73.9 -	-	-		
46.7	42.8	40.5	40.2	81.3 -	-	-		
47.7	44	41.8	41.4	75.7 -	-	-		
47.2	43.2	41.2	40.7	77.3 -	-	-	(Q)	<i>λ</i> Λ
48.3	44.2	42.2	41.8	83.8 -	-	-		<i>IJ</i>
50.5	43.6	40.9	40.3	79.1 -	-	-	$(\mathcal{O}_{\mathcal{O}})$	
50.8	43.5	40.4	39.8	81.6 -	-	-		
47.4	41.2	39.1	38.7	76.7 -	-	-	SNZ	
45.9	40.2	38.4	38	79.3 -	-	-		
45.3	39.4	37.3	36.8	103.2 -	-	- ^	$(\sqrt{3})$	
53.4	45.3	39.2	38.6	82.1 -	-			
49.6	43.2	39.6	39	82.2 -	-	-		
51.2	46.4	41.7	41.2	82.8 -	-	(\(\frac{1}{2}\)	()	
51.4	46	42.1	41.3	85.1 -	- /)		
52	48.2	43.2	42.2	89.2 -	- <			
50.8	45.6	43.1	42.5	83.9 -	-			
57.8	49.3	44.5	44.1	88.7 -	-	-		
48.6	44.5	42.6	42.3	97.9 -	4	> -		
48.8	45.1	42.5	42.2	85.4 -		-		
47.8	44.5	42.9	42.6	84.5 -	(\bigcirc)	-		
47.9	44.7	43.1	42.8	84.5 - 🔷		-		
47.1	44.3	43.2	43	83.6 -	\ }-	-		
47.7	44.2	42.9	42.7	84.8	ار ا	-		
45.4	43.7	42.7	42.4	81.5	7 -	-		
45.3	43.1	41.5	41.1	81.9	-	-		
45.8	43.5	42.1	41.8	83-	-	-		
45.6	44	43	42.8	81.4	-	-		
46.6	43.8	42.8	42.6	82.2 -	-	-		
46.3	43.9	42.8	42.6	81.2 -	-	-		
46.4	44	43	42.8	91.4 -	-	-		
47	44.5	43 (2,42.8	86.1 -	-	-		
48.6	45.8	43.9	43.6	88.3 -	-	-		
49.7	47.3	45.9	45.6	88.4 -	-	-		
49.4	46.4	44.1	43.7	85.7 -	-	-		
49.4	46.5	44	√ 43.5	91.5 -	-	-		
48.8	46.1	43.7	43.1	84.2 -	-	-		
49.9	46.5	44,4	44	84.6 -	-	-		
51	47.7	45/1	44.4	89.2 -	-	-		
47.8	44.9	42.9	42.6	85.3 -	-	-		
46.7	44.4	43.1	42.8	80.7 -	-	-		
47.2	44.9	43.6	43.3	88.7 -	-	-		
47.5	45.2	43.9	43.5	80.3 -	-	-		
46.7	44.8	43.7	43.4	81.4 -	-	-		
47.9	<i>4</i> 5.7	44.4	44.1	82.6 -	-	-		
47.5	44.9	43.6	43.4	81.6 -	-	-		
48.4	45.8	43.7	43.3	80.3 -	-	-		
47.6	44.1	42.7	42.4	82.4 -	-	-		
46.8	44.6	43.2	42.9	82.3 -	-	-		
53.3	45.1	43.2	42.9	84.4 -	-	-		
47.4	45	43.2	42.9	83.1 -	-	-		

47.9	44.4	43.1	42.9	91.3 -	-	-		
48.1	44.4	43.1	42.9	86.1 -	-	-		
49.4	45	43	42.7	85.8 -	-	-		_
44.9	43.1	42.3	42.1	88.1 -	-	-	((7/1
44.4	43.3	42.4	42.2	86 -	-	-		
47.2	43.8	42.9	42.7	90.7 -	-	-	$(\mathcal{O}_{\mathcal{O}})$	$\widetilde{}$
46.9	44.3	42.9	42.6	83.5 -	-	-		/
48.6	43.6	42.1	41.8	82.3 -	-	-	(DN)	
56.1	44.4	41.9	41.6	80.8 -	-	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
55.9	43.6	42.1	41.8	83.9 -	-	- ^	(0/s)	
58.4	45.5	42.1	41.8	80.7 -	-	. <		
54.3	44.1	42.2	41.9	80.5 -	-	- (
57	44.1	42.3	42.1	85.9 -	-	_((//	3)	
57.8	44.8	42.3	41.9	82.6 -	- /	$\mathcal{A} \mathcal{C}$		
56.2	43.2	42	41.8	82.6 -				
55.8	43.6	42	41.7	84.7 -	-			
44.1	42.4	41.5	41.3	79.1 -	- ~	_		
57.4	46.1	42.2	41.8	82.9 -	40	> -		
56.1	45	42.4	42.1	86.1 -		~		
52.5	43	41.6	41.4	82.2 -		_		
42.8	42	41.3	41.1	83.3 -		_		
43.1	42.1	41.4	41.2	81.1 -		_		
43.6	42.4	41.5	41.3	87.9	~~.	_		
44.4	42.6	41.7	41.5	85.5 <i>(</i> -7)	, -	_		
59.9	46.3	41.9	41.5	82.7 (0)	_	_		
60.7	47.1	42	41.6	85.7-	_	_		
54.9	43.6	41.7	41.5	82,2)-	_	_		
53.6	43.2	41.7	41.4	78.7 -	_	_		
56.2	43.4	41.6	41.4	85.3 -	_	_		
46.1	42.7	41.6	41,4	92.7 -	_	_		
45	42.7	41.7 (2,41.5)	84.2 -	-	_		
47.6	43.2	42	41.8	96.5 -	-	-		
63.5	44.3	42.1	41.8	96.1 -	-	-		
62.3	42.7	A1.6	41.4	87.8 -	-	-		
43.3	42.2	41.4	41.2	85.5 -	-	-		
50.9	42.4	41.4	41.2	90.3 -	-	-		
48.7	42.5	41,6	41.4	86.4 -	-	-		
49.7	42.3	41,4	41.2	84.5 -	-	-		
54.2	42.4	41.4	41.2	88 -	-	-		
52	42.7	41.6	41.4	83.6 -	-	_		
46.6	42.3	41.4	41.2	90.4 -	-	_		
46.1	42.4	41.5	41.3	76.8 -	_	_		
49.5	43.2	41.9	41.7	90 -	_	_		
48.7	43.9	42.5	42.2	88 -	_	_		
49.7	45.5	43.7	43.5	88.2 -	_	-		
Q497	46.1	43.9	43.5	83.6 -	-	-		
46.6	43	41	40.6	75.2 -	-	-		
47.7	43.4	41.2	40.8	80.5 -	-	-		
48.5	44.5	42.3	41.9	78.7 -	-	-		
49	44.3	41.9	41.5	83.8 -	-	-		
•	-							

46.5	42.3	40.1	39.7	73.1 -	-	-		
47.8	42.8	40	39.6	76 -	-	-		
46.7	41.5	38.7	38.1	77.6 -	-	-		
44.8	40.2	37.8	37.4	83.4 -	-	-		(O/A)
44.5	39.6	37.4	36.9	77.1 -	-	-		7
45.6	40.2	37.5	37	85.8 -	-	-	(0	$\widehat{\mathcal{A}}$
45.3	41	38.9	38.5	89 -	-	-		
45.7	40.4	38.3	37.9	81.5 -	-	-	(90)	7
46.1	40.9	38.8	38.3	80.1 -	-	-		
46	42.5	40.1	39.5	97.5 -	-	- ^	$(\langle // \rangle)$	
44.9	41.5	39.7	39.2	78 -	-			
44.9	41.1	38.8	38.4	88.9 -	-			
43.5	41.2	39.4	38.9	78.5 -	-	$\sim -(\vee \vee$	()	
46.4	42	39.8	39.4	79.2 -	- /)		
45.6	41.4	39.2	38.7	77 -	- <	V		
44.3	41.3	39.2	38.6	78.1 -	-			
45.6	42.2	40	39.4	84.5 -		-		
46.4	42.9	41.2	40.9	78.9 -	4	> -		
48.4	44.9	43.1	42.8	82 -		-		
51.8	45.7	43.6	43.1	106.4 -	(-)	-		
48.2	44.9	43.4	43	81.1 - 🗸		-		
47.3	44.4	43.1	42.8	82.5 -		-		
48.6	44.1	42.2	41.9	82.3	<u>ک</u> ۔	-		
47.7	43.9	42	41.6	78.25	7 -	-		
45.8	43.8	42.2	41.9	79.Ž.	-	-		
44.8	42.7	41.6	41.3	82.5 -	-	-		
46.2	44.1	42.9	42.6	(82.4)-	-	-		
45.3	43.3	41.9	41.5	81.6 -	-	-		
47.2	43.5	41.7	41.4	79.7 -	-	-		
46.4	44	42.5	42	88.7 -	-	-		
47.3	43.5	41.9	2,41.6	83.3 -	-	-		
46.6	44.4	42.9	42.5	85.1 -	-	-		
46.7	43.2	41.7	41.4	84.2 -	-	-		
48.8	43.3	A1.8	41.5	80.6 -	-	-		
51.4	46.2	42.5	√ 42.1	84.5 -	-	-		
48.9	43.5	41.8	41.5	91.2 -	-	-		
48.3	43	41.6	41.3	83.3 -	-	-		
48.4	46.1	42,6	42.1	81 -	-	-		
47.6	44.6	42.7	42.4	82.3 -	-	-		
48.4	45.5	43.8	43.3	87.3 -	-	-		
50.2	46.7	44.8	44.4	84.3 -	-	-		
48.4	44.6	43.3	43	79.8 -	-	-		
50.2	46	43.8	43.4	83 -	-	-		
47.4	4 4.9	43.5	43.2	79.9 -	-	-		
49.8	47.6	45.5	44.9	91 -	-	-		
46.6	44.3	42.9	42.6	82.5 -	-	-		
46.5	43.8	42.6	42.3	81.8 -	-	-		
45.2	43.3	42.4	42.1	97.4 -	-	-		
46.9	43.2	42.2	42	79.7 -	-	-		
44.2	43.1	42.1	41.9	75.4 -	-	-		

51.6	43.3	42.2	42	96.3 -	_	-		
47.9	42.6	41.7	41.5	93.5 -	_	-		
46	42.9	41.6	41.4	75.3 -	_	-		
46.5	43.1	42	41.7	75.6 -	_	-	(a)	1
45.6	43	42	41.8	80.4 -	-	-		/
45.5	43	41.9	41.7	76.7 -	_	-		
46.2	43.4	42.2	42	76.5 -	_	-		
47.1	43.7	42.2	41.9	83.7 -	_	_	(ΩN)	
45.7	43.3	41.9	41.7	77.8 -	_	_	\sim (0)	
45.6	43.1	42	41.8	75.1 -	_	- ^	(0/1)	
46.1	43.1	42	41.7	77.4 -	_	_ <		
46.6	45	43.2	42.7	77.2 -	_	- (=		
46.6	43.7	42.1	41.8	77.5 -	_	_(\(\)_	%	
43.9	42.7	41.7	41.4	76.3 -	_ /	\supset	9	
44.5	42.7	41.7	41.5	80.3 -				
48.5	45.4	43	42.6	83.2 -				
47.6	45	42.7	42.2	83.1 -	- ~			
46.4	44.5	42.3	41.9	83 -		> _		
43.6	42.5	41.6	41.3	77.4 -		_		
45.9	42.8	41.6	41.4	78 -		_		
44.3	42.8	41.3	41.1	86.3 - 🗘				
43.8	41.9	41.3	40.9	74.7 -		_		
43.6 44.7	41.9	41.1	40.9	76.3	~~	-		
44.7 45.4	42.1	41	40.8	79.6 <i>(</i> -)		-		
45.4 45.9	42.1		40.8	75.0 (0)	7 -	-		
45.9 49.3	42.5 42.1	41.1 41.2	40.9	(83-)	-	-		
45.6	42.1	41.2		80.67-	-	-		
			41.1	. \ \	-	-		
48.7	42.2	41.2	41.1	79.7 - 81.8 -	-	-		
47 52.8	42.1	41.3	\sim	. >	-	-		
52.8	42.7	41.5	41.2 (41.4)	83.2 -	-	-		
47.6	42.1	41.3		81.6 -	-	-		
43	42.1	41.3	41.2	76.5 -	-	-		
50.6	42.3	41.3	41.1	79.5 -	-	-		
53.1 49.5	42.2	41.3 41.3	41.1	77.9 <i>-</i>	-	-		
	42.1	, ,		82.3 <i>-</i>	-	-		
48	42.2	41.4	41.2	76.4 -	-	-		
50.9	42.3 42.5	41)4	41.2	77.7 -	-	-		
48.8	1 >>>	\ 	41.1	79.2 - 80 -	-	-		
51.5	42.9	41.6	41.4		-	-		
50.4	43.4	42	41.8	83.9 -	-	-		
49	$\sim\sim$	43.3	43.1	83.9 -	-	-		
50	45.7	44	43.7	86.2 -	-	-		
47.3	44.3	41.6	40.8	78 -	-	-		
46.4	41.5	39.7	39.2	77.4 -	-	-		
A6	41.8	39.8	39.2	73.4 -	-	-		
46.8	42.2	40.1	39.7	72 -	-	-		
46.5	41.3	39.7	39.4	71 -	-	-		
46.7	41.6	39.9	39.5	79.3 -	-	-		
44.7	40	38	37.7	76.9 -	-	-		
44.4	38.8	36.8	36.5	77 -	-	-		

45.2	39.1	36.1	35.6	78.9 -	-	-		
45.1	37.7	35.7	35.3	77 -	-	-		
47.1	40.8	36.9	36.4	81.2 -	-	-		
48.6	41.7	37.3	36.6	84.1 -	-	-		(O/A)
47.6	41.7	38.6	38	95.6 -	-	-		
48.3	42.1	38.2	37.4	77 -	-	-	(0)	\widetilde{a}
47	41.9	40.1	39.5	78.6 -	-	-	$\sim t$	
47.9	41.3	38.1	37.5	83.7 -	-	-	(SINZ	
45.9	42.1	39.2	38.6	83.4 -	-	-		
47.3	42.2	40.3	39.9	84.3 -	-	- ^	(\emptyset/\emptyset)	
47	42	39.1	38.4	80 -	-			
46	40.6	37.7	37.1	81.9 -	-	- (\sim	
50.3	40.6	37.7	37.1	81.5 -	-	_((//	3)	
44.7	40.7	38.5	38.2	77 -	- /	$\mathcal{A} \mathcal{C}$	9	
48.7	42.1	39.8	39.3	79.2 -				
46.4	42.2	39.7	39.2	80.9 -	_	//		
45.8	42.2	39.8	39.3	87.7 -	- 🔿	-		
47.2	43.7	40.6	39.9	82.4 -		> _		
45.9	42.7	41.2	40.8	80.9 -		~ _		
47.8	44.5	41.8	41.4	81.6 -		_		
48.4	44.6	42.2	41.8	82.7 - 🗘		_		
47.1	43.7	42.2	41.9	82.6 -		_		
45	42.7	41.8	41.5	82.7	~~]	_		
47.5	43.1	41.5	41.2	86-7		_		
46.4	43.1	41.3	41.7	70 8 0 7	-	_		
48.4	45.8	42.9	41.7	94.5-	-	-		
48.4 48.1		42.9		87.5>-	-	-		
	45.5		43.2	\ \ \	-	-		
51.2	46.8	43.5	43	99.2 -	-	-		
48.3	44.1	42.5	42.3	84.9 -	-	-		
47.6	43.8	42.5	42.2 42.5	94.2 -	-	-		
47.8	44.3	42.7		80.8 -	-	-		
46.5	44.1	42.9	42.7	82.2 -	-	-		
48.1	45 45.0	43.5	43.2	82.6 -	-	-		
49.4	45.9	43.8	43.5	83 -	-	-		
51	47.8 45.3	45.1	√ 44.6	85.1 -	-	-		
48.2	45.3	43.8	43.5	82.2 -	-	-		
48.1	45.6	43.8	43.5	83.9 -	-	-		
51.1	47.4	44	43.3	91.2 -	-	-		
51.9	44.9	43	42.7	99.7 -	-	-		
46.5	44.2	43.1	42.8	79.7 -	-	-		
46.3	43.3	42.3	42	81.7 -	-	-		
47	44.1	42.5	42.2	81.6 -	-	-		
46.9	43.0	42.5	42.1	84.3 -	-	-		
48.8	44.5	42.4	42.1	81 -	-	-		
47.8	44.2	42.3	42	80.6 -	-	-		
444	A 2.9	42.1	41.9	77.3 -	-	-		
48.1	43.5	42.1	41.8	86.5 -	-	-		
47.A	43.6	42.1	41.9	95.6 -	-	-		
49.2	42.8	41.7	41.5	100.2 -	-	-		
52.7	42.8	41.5	41.3	86 -	-	-		

47.5	42.3	41.3	41	76.1 -	-	-	
53.3	42.4	41.3	41.1	101.1 -	-	-	
51.3	42.3	41.3	41.1	79.1 -	-	-	
51	42	41.1	40.9	83.3 -	-	-	(O)
52.4	42.4	41.3	41	78.3 -	_	_	
46.3	42.2	41.2	41	79.2 -	_	_	
50.5	42.4	41.2	40.9	81.6 -	_	_	
47.5	42.7	41.5	41.3	81.5 -	_	_	O_{N}
55.4	43.1	41.6	41.3	84.2 -	_	_	V(0)
46.5	42.5	41.5	41.2	77.6 -	_	- •	(0/1)
51.3	44	42	41.6	98.2 -	_		
47.9	44.1	41.5	41.2	83.8 -	_		
49.9	46.9	41.5	41.2	103 -	_	(Q)	(1)
45.5	41.8	40.9		84.1 -		$\mathcal{L}_{\mathcal{L}}$	
			40.7				
54.3	47.2	43.6	43	89.3 -	-	~	
43.9	42.6	41.5	41.3	80.1 -	-	\vee	
55.6	47.5	42.2	41.7	86.1 -		_	
54.4	48	44	43.4	87.7 -		<i>)</i> -	
49.3	44.6	42.3	42	81.5 -		-	
45.4	42.8	41.8	41.5	78 -	(\bigcirc)	-	
50.3	43.2	41.8	41.5	99.5 -		-	
47.1	43.4	41.4	41.2	81.7 -	> -	-	
46.8	43	41.6	41.4	84.4	→ -	-	
47.4	43.3	41.4	41.1	81.9	7 -	-	
51.4	48.2	44.9	44.1	84.5	-	-	
46.5	42.7	41.4	41.1	79.9 ->	-	-	
43.1	41.5	40.6	40.4	1 (82.7)-	-	-	
42.4	41.2	40.5	40.3	77.6 -	-	-	
45.4	41.3	40.4	40.2	78.4 -	-	-	
45.5	42.7	41.1	40.9	80.9 -	-	-	
42.2	41.3	40.5	2,40.3	78.1 -	-	-	
44	41.7	40.8	40.6	79.3 -	-	-	
46.5	42.7	41.2	40.9	79.6 -	-	-	
47.9	42	40.9	40.6	78.4 -	-	-	
47.8	42.3	41.3	41.1	77.3 -	-	-	
51.4	43.6	41.8	41.4	82.1 -	-	-	
50.6	46.3	43,3	42.8	84.1 -	-	-	
47.7	43	38,7	38.2	80 -	-	-	
45.7	39.9	37.7	37.4	72.1 -	-	-	
46.6	40.2	37.7	37.4	82.1 -	-	-	
47	41.3	38.9	38.4	74.8 -	-	-	
46.8	41.3	38.3	37.6	80 -	-	-	
45.3	39.A	36.7	36.3	71.9 -	-	-	
44.2	38.8	36.9	36.7	76.5 -	_	_	
45.1	38.7	37	36.7	74.9 -	-	_	
44.5	39	36.7	36.2	73.1 -	_	_	
44	38.9	36.7	36.3	76.7 -	_	_	
44.3	40.4	38.7	38.3	78.2 -	_	_	
48.8	43.2	39.3	38.7	81.2 -	_	_	
48	44.6	41.8	41.3	93.2 -	_	_	
70	77.0	41.0	71.3	JJ.2 -	=	=	

49.8	44.6	42	41.6	82.8 -	-	-		
50.1	45.2	43	42.6	92.7 -	-	-		
55.3	52.2	46.4	45.1	93.7 -	-	-		
53.7	48.6	42.6	42.1	85 -	-	-		(O/A)
50.2	46.6	44.3	43.9	85.3 -	-	-		7
49.4	45.6	44	43.7	84.2 -	-	-	(0	\sim
49.5	44.9	43.5	43.2	83.9 -	-	-		
47.2	43.9	43.2	43	82.4 -	-	-	(90)	7
48.1	44.5	43.2	43	85.8 -	-	-		
48.5	45.7	44	43.7	85.5 -	-	- ^	$(\langle // \rangle)$	
48.5	45.4	43.9	43.6	85 -	-			
51.8	50	46.6	45.6	85.9 -	-	-		
50.7	48.6	45.8	45.3	84.7 -	-	(\//	()	
53.5	50.3	47.8	46.6	95.3 -	- //	γ		
53.1	48.2	46.5	46.1	87.4 -	- <<			
51.1	47.5	44.2	43.5	90.9 -	-			
51.3	47.3	44	43.2	94.8 -	-	-		
51.9	49.1	45.2	44.6	86 -	4	> -		
47.4	45.3	44.1	43.8	83.1 -		-		
45.1	43	41.9	41.6	84.6 -	(\bigcirc)	-		
47.6	44.4	42.5	42.1	83.1 -		-		
54.7	45.3	43.1	42.8	83.6 -	√ -	-		
52.9	49	44.4	43.9	84.8	グ -	-		
52.7	48.7	46.1	45.3	86.95	-	-		
53.5	49.3	45.8	45.5	86.1	-	-		
52.4	48	45.7	45.3	-89.9	-	-		
51.3	48.7	46.8	46.3	J (85.3)-	-	-		
51.8	48.6	46.7	46.3	83.7 -	-	-		
50.4	47.6	45.6	45.2	83.4 -	-	-		
48.8	45.4	44	43.6	79 -	-	-		
49.1	45.6	43.7	43.3	85.7 -	-	-		
50.6	46.6	44.7	44.3	84.8 -	-	-		
61.4	50.1	39.5	15.4	119.6 -	Under	-		
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