

Appendices

Appendix 5.10-1 Noise Impact Assessment

Appendices

This page intentionally left blank.

NOISE ASSESSMENT

**RESIDENTIAL CARE FACILITY
929 Genevieve Street
SOLANA BEACH CA**

Project Proponent:

**Pacific Sound Invertors, LLC.
1855 Freda Lane
Cardiff, CA 92007**

Prepared by:

Ldn Consulting, Inc.
**42428 Chisolm Trail
Murrieta, CA 92562
760-473-1253**

July 29, 2017

TABLE OF CONTENTS

TABLE OF CONTENTS	II
LIST OF FIGURES	III
LIST OF TABLES	III
LIST OF ATTACHMENTS.....	IV
1.0 PROJECT INTRODUCTION.....	1
1.1 PURPOSE OF THIS STUDY	1
1.2 PROJECT LOCATION	1
1.3 PROJECT SETTING.....	1
2.0 ACOUSTICAL FUNDAMENTALS.....	5
2.1 ACOUSTICAL FUNDAMENTALS.....	5
2.2 VIBRATION FUNDAMENTALS.....	6
3.0 SIGNIFICANCE THRESHOLDS AND STANDARDS	9
3.1 TRANSPORTATION RELATED NOISE LEVELS (SB NOISE ELEMENT)	9
3.2 OPERATIONAL SOUND LEVEL LIMITS (SBMC 7.34.040).....	11
3.3 CONSTRUCTION HOURS AND NOISE LEVELS LIMITED (SBMC 7.34.100)	12
3.4 VIBRATION STANDARDS.....	13
4.0 NOISE ENVIRONMENT	15
4.1 EXISTING NOISE ENVIRONMENT ONSITE	15
4.2 TRAFFIC NOISE PREDICTION METHODOLOGY	15
4.3 ON-SITE TRAFFIC NOISE	21
4.4 OFFSITE TRAFFIC NOISE	27
5.0 CONSTRUCTION ACTIVITIES.....	29
5.1 GUIDELINES FOR THE DETERMINATION OF SIGNIFICANCE	29
5.2 CONSTRUCTION NOISE PREDICTION METHODOLOGY.....	29
5.3 CONSTRUCTION FINDINGS AND MITIGATION	31
5.4 CONSTRUCTION VIBRATION FINDINGS AND MITIGATION.....	34
6.0 CERTIFICATIONS	35

LIST OF FIGURES

FIGURE 1-A: PROJECT REGIONAL MAP	2
FIGURE 1-B: PROJECT VICINITY MAP	3
FIGURE 1-C: PROPOSED PROJECT SITE PLAN	4
FIGURE 3-A: NOISE COMPATIBILITY GUIDELINES	10
FIGURE 4-A: AMBIENT MONITORING LOCATIONS.....	17
FIGURE 4-B: MODELED RECEPTOR LOCATIONS	22
FIGURE 4-C: EXTERIOR NOISE MITIGATION MEASURES.....	25
FIGURE 5-A: CONSTRUCTION NOISE LEVEL CONTOURS – WITHOUT MITIGATION	32
FIGURE 5-B: CONSTRUCTION NOISE LEVEL CONTOURS – WITH MITIGATION	33

LIST OF TABLES

TABLE 2-1: HUMAN REACTION TO TYPICAL VIBRATION LEVELS	8
TABLE 3.1: CITY OF SOLANA BEACH OPERATIONAL NOISE LEVELS.....	11
TABLE 3-2: VIBRATION AND NOISE IMPACT CRITERIA (HUMAN ANNOYANCE)	14
TABLE 3-3: VIBRATION IMPACT CRITERIA (STRUCTURAL DAMAGE)	14
TABLE 4-1: 24-HOUR AMBIENT NOISE LEVELS.....	16
TABLE 4-2: SHORT-TERM AMBIENT NOISE LEVELS	16
TABLE 4-3: ADJUSTED SHORT-TERM NOSIE LEVEL.....	18
TABLE 4-4: TRAFFIC PARAMETERS	19
TABLE 4-5. LOUDEST HOUR NOISE LEVEL MODEL VERIFICATION.....	21
TABLE 4-6: INTERIM EXTERIOR NOISE LEVELS	23
TABLE 4-7: FUTURE EXTERIOR NOISE LEVELS	24
TABLE 4-8: BUILDING FAÇADE NOISE LEVELS (ALL FLOORS)	26
TABLE 4-9: EXISTING NOISE LEVELS WITHOUT PROJECT	28
TABLE 4-10: EXISTING + PROJECT NOISE LEVELS.....	28
TABLE 4-11: EXISTING VS. EXISTING + PROJECT NOISE LEVELS	28
TABLE 5-1: REFERENCE NOISE LEVELS	30
TABLE 5-2: CONSTRUCTION NOISE LEVELS	31
TABLE 5-3: VIBRATION LEVELS FROM CONSTRUCTION ACTIVITIES.....	34

LIST OF ATTACHMENTS

DETAILED NOISE MEASUREMENT DATA.....	36
CALIBRATION AND EXISTING TNM INPUT AND OUTPUT DATA	78
INTERIM TNM INPUT AND OUTPUT DATA	96
FUTURE TNM INPUT AND OUTPUT DATA	128

GLOSSARY OF TERMS

Sound Pressure Level (SPL): a ratio of one sound pressure to a reference pressure (L_{ref}) of 20 μ Pa. Because of the dynamic range of the human ear, the ratio is calculated logarithmically by $20 \log(L/L_{ref})$.

Sound Power Level (SWL): the total sound energy radiated and measured in all directions.

A-weighted Sound Pressure Level (dBA): Some frequencies of noise are more noticeable than others. To compensate for this fact, different sound frequencies are weighted more.

Minimum Sound Level (L_{min}): Minimum SPL or the lowest SPL measured over the time interval using the A-weighted network and slow time weighting.

Maximum Sound Level (L_{max}): Maximum SPL or the highest SPL measured over the time interval the A-weighted network and slow time weighting.

Equivalent sound level (L_{eq}): the true equivalent sound level measured over the run time. L_{eq} is the A-weighted steady sound level that contains the same total acoustical energy as the actual fluctuating sound level.

Day Night Sound Level (LDN): Representing the Day/Night sound level, this measurement is a 24 –hour average sound level where 10 dB is added to all the readings that occur between 10 pm and 7 am. This is primarily used in community noise regulations where there is a 10 dB “Penalty” for night time noise. Typically LDN’s are measured using A weighting.

Community Noise Exposure Level (CNEL): The accumulated exposure to sound measured in a 24-hour sampling interval and artificially boosted during certain hours. For CNEL, samples taken between 7 pm and 10 pm are boosted by 5 dB; samples taken between 10 pm and 7 am are boosted by 10 dB.

Octave Band: An octave band is defined as a frequency band whose upper band-edge frequency is twice the lower band frequency.

Third-Octave Band: A third-octave band is defined as a frequency band whose upper band-edge frequency is 1.26 times the lower band frequency.

Response Time (F,S,I): The response time is a standardized exponential time weighting of the input signal according to fast (F), slow (S) or impulse (I) time response relationships. Time response can be described with a time constant. The time constants for fast, slow and impulse responses are 1.0 seconds, 0.125 seconds and 0.35 milliseconds, respectively.

1.0 Project Introduction

1.1 Purpose of this Study

The purpose of this Noise study is to determine potential onsite traffic noise impacts (if any) created from adjacent Interstate 5. Should impacts be determined, the intent of this study would be to recommend suitable mitigation measures to bring those impacts to a level that would be considered less than significant.

1.2 Project Location

The proposed development is located in the City of Solana Beach at 929 Genevieve Street. Access to the Project is proposed from a single driveway on Genevieve Street. To reach Genevieve Street, project traffic will be required to use Marine View Avenue. Overall travel to and from the project site is anticipated from Lomas Santa Fe Drive via San Andres Drive and Marine View Avenue. Interstate 5 to the west provides regional access to the Project site. A general project vicinity map is shown in Figure 1-A on the following page.

1.3 Project Setting

The Project proposes building 99 senior housing units, an open space park and courtyard areas on approximately 2.9 acres within the City of Solana Beach. The existing site conditions are characterized as mostly disturbed land with a couple of existing structures onsite to be removed. The general topography of the site is characterized as down-sloping from the south and east and lowers more than fifteen feet to the north and west along Interstate 5. Single-family residential uses are located on the south and eastern sides of the site, commercial exists to the north and Interstate 5 is along the western property boundary. A project site plan is shown in Figure 1-B on Page 3 of this report.

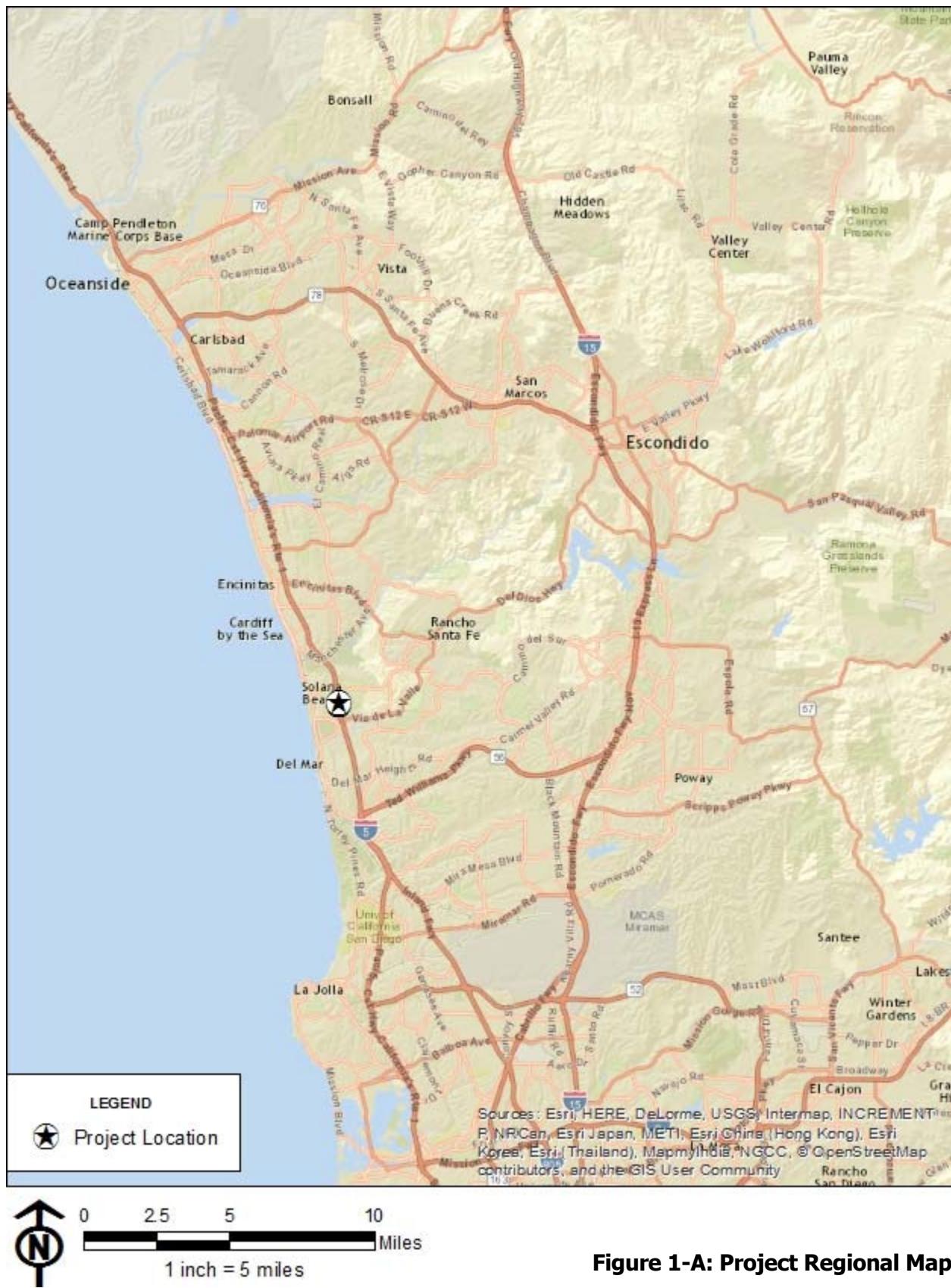


Figure 1-A: Project Regional Map

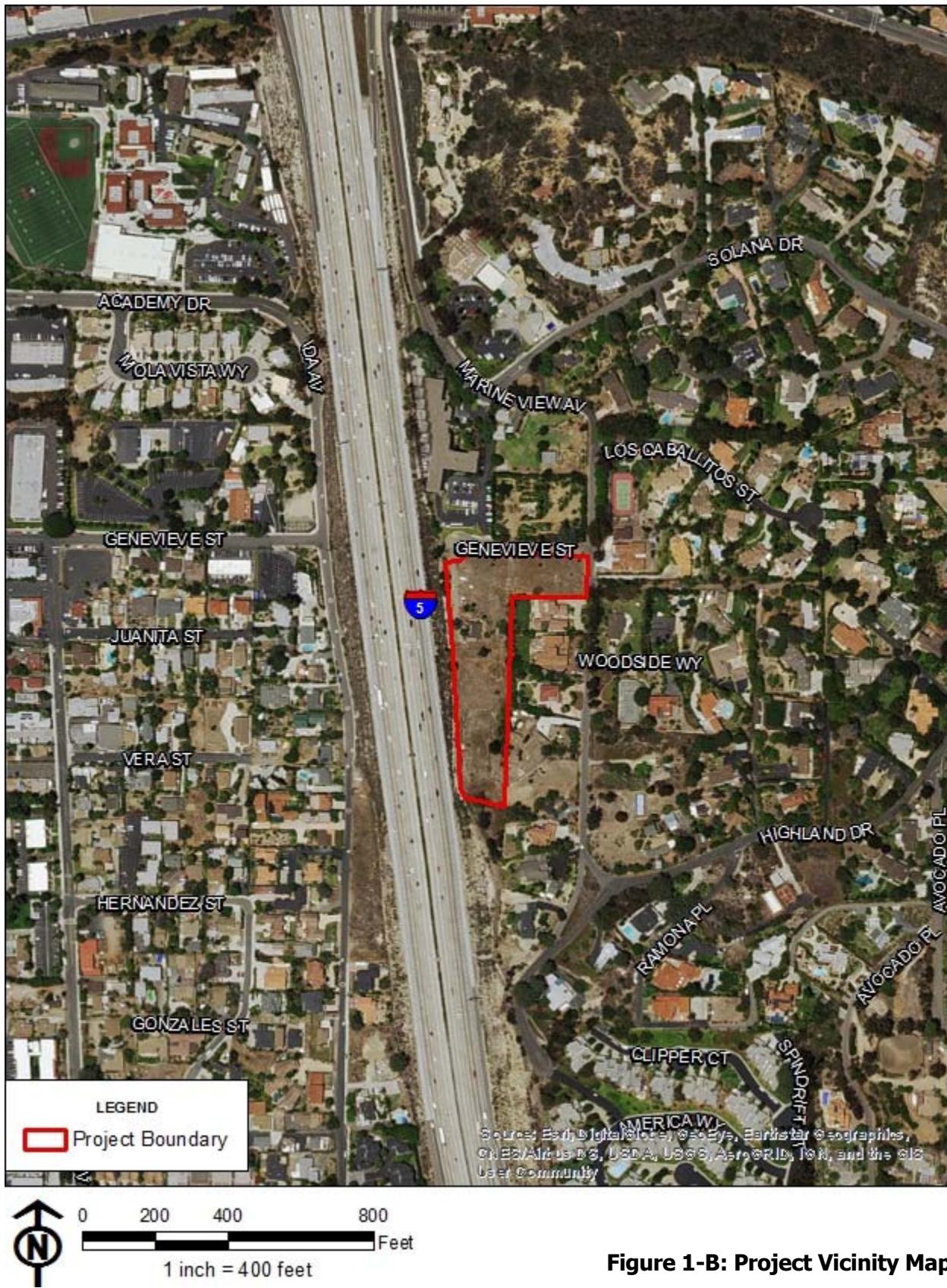


Figure 1-B: Project Vicinity Map

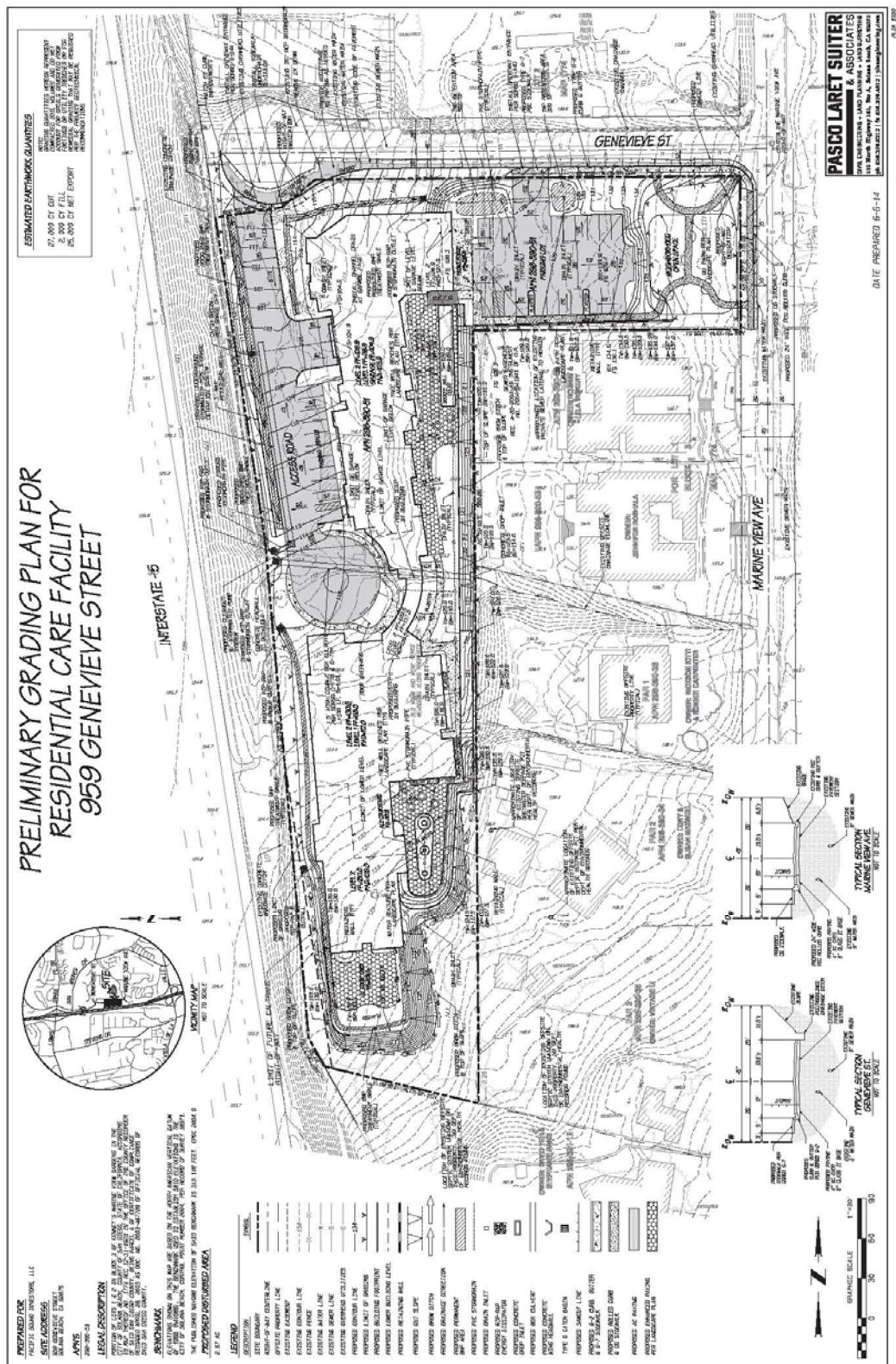


Figure 1-C: Proposed Project Site Plan

2.0 ACOUSTICAL FUNDAMENTALS

2.1 Acoustical Fundamentals

Noise is defined as unwanted or annoying sound which interferes with or disrupts normal activities. Exposure to high noise levels has been demonstrated to cause hearing loss. The individual human response to environmental noise is based on the sensitivity of that individual, the type of noise that occurs and when the noise occurs. Sound is measured on a logarithmic scale consisting of sound pressure levels known as a decibel (dB). The sounds heard by humans typically do not consist of a single frequency but of a broadband of frequencies having different sound pressure levels. The method for evaluating all the frequencies of the sound is to apply an A-weighting to reflect how the human ear responds to the different sound levels at different frequencies.

Additionally, in technical terms, sound levels are described as either a "sound power level" or a "sound pressure level," which while commonly confused are two distinct characteristics of sound. Both share the same unit of measure, the dB. However, sound power is the energy converted into sound by the source. The sound power level of the source is expressed as SPL. The SPL is used to estimate how far a noise will travel and to predict the sound levels at various distances from the source. As sound energy travels through the air, it creates a sound wave that exerts pressure on receivers such as an ear drum or microphone and is the sound pressure level. Noise measurement instruments only measure sound pressure and noise level limits used in public agency standards are generally sound pressure levels.

The effect of noise on people is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. The noise descriptor used for this study is the equivalent noise level (L_{eq}) and the Community Noise Equivalent Level (CNEL). CNEL is the 24 hour A-weighted average for sound, with corrections for evening and nighttime hours. The corrections require an addition of 5 decibels to sound levels in the evening hours between 7 P.M. and 10 P.M. and an addition of 10 decibels to sound levels at nighttime hours between 10 P.M. and 7 A.M. These additions are made to account for the increased sensitivity during the evening and nighttime hours when sound appears louder.

A vehicle's noise level is from a combination of the noise produced by the engine, exhaust and tires. The cumulative traffic noise levels along a roadway segment are based on three primary factors: the amount of traffic, the travel speed of the traffic, and the vehicle mix ratio or number of medium and heavy trucks. The intensity of traffic noise is increased by higher traffic volumes, greater speeds and increased number of trucks.

Because mobile/traffic noise levels are calculated on a logarithmic scale, a doubling of the traffic noise or acoustical energy results in a noise level increase of 3 dBA. Therefore the doubling of the traffic volume, without changing the vehicle speeds or mix ratio, results in a noise increase of 3 dBA. Mobile noise levels radiate in an almost oblique fashion from the source and drop off at a rate of 3 dBA for each doubling of distance under hard site conditions and at a rate of 4.5 dBA for soft site conditions. Hard site conditions consist of concrete, asphalt and hard pack dirt while soft site conditions exist in areas having slight grade changes, landscaped areas and vegetation. On the other hand, fixed/point sources radiate outward uniformly as it travels away from the source. Their sound levels attenuate or drop off at a rate of 6 dBA for each doubling of distance.

The most effective noise reduction methods consist of controlling the noise at the source, blocking the noise transmission with barriers or relocating the receiver. Any or all of these methods may be required to reduce noise levels to an acceptable level.

2.2 Vibration Fundamentals

Vibration is a trembling or oscillating motion of the ground. Like noise, vibration is transmitted in waves, but in this case through the ground or solid objects. Unlike noise, vibration is typically felt rather than heard. Vibration can be either natural as in the form of earthquakes, volcanic eruptions; or manmade as from explosions, heavy machinery, or trains. Both natural and manmade vibration may be continuous, such as from operating machinery; or infrequent, as from an explosion.

As with noise, vibration can be described by both its amplitude and frequency. Amplitude may be characterized in three ways: displacement, velocity, and acceleration. Particle displacement is a measure of the distance that a vibrated particle travels from its original position and for the purposes of soil displacement is typically measured in inches or millimeters. Particle velocity is the rate of speed at which soil particles move

in inches per second or millimeters per second. Particle acceleration is the rate of change in velocity with respect to time and is measured in inches per second or millimeters per second. Typically, particle velocity (measured in inches or millimeters per second) and/or acceleration (measured in gravities) are used to describe vibration. Table 2-1 shows the human reaction to various levels of peak particle velocity. Vibrations also vary in frequency and this affects perception. Typical construction vibrations fall in the 10 to 30 Hz range and usually occurring around 15 Hz. Traffic vibrations exhibit a similar range of frequencies; however, due to their suspension systems, it is less common, to measure traffic frequencies above 30 Hz.

Propagation of ground-borne vibrations is complicated and difficult to predict because of the endless variations in the soil through which the waves travel. There are three main types of vibration propagation: surface, compression, and shear waves. Surface waves, or Rayleigh waves, travel along the ground's surface. These waves carry most of their energy along an expanding circular wave front, similar to ripples produced by dropping an object into water. P-waves, or compression waves, are waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal. S-waves, or shear waves, are also body waves that carry energy along an expanding spherical wave front. However, unlike P-waves, the particle motion is transverse, or side-to-side and perpendicular to the direction of propagation.

As vibration waves propagate from a source, the energy is spread over an ever-increasing area such that the energy level is reduced with the distance from the energy source. This geometric spreading loss is inversely proportional to the square of the distance. Wave energy is also reduced with distance as a result of material damping in the form of internal friction, soil layering, and special voids. The amount of attenuation provided by material damping varies with soil type and condition as well as the frequency of the wave.

Table 2-1: Human Reaction to Typical Vibration Levels

Vibration Level Peak Particle Velocity (in/sec)	Human Reaction	Effect on Buildings
0.006–0.019	Threshold of perception, possibility of intrusion	Vibrations unlikely to cause damage of any type
0.08	Vibrations readily perceptible	Recommended upper level of vibration to which ruins and ancient monuments should be subjected
0.10	Level at which continuous vibration begins to annoy people	Virtually no risk of "architectural" (i.e., not structural) damage to normal buildings
0.20	Vibrations annoying to people in buildings	Threshold at which there is a risk to "architectural" damage to normal dwelling – houses with plastered walls and ceilings
0.4–0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: Caltrans, Division of Environmental Analysis, *Transportation Related Earthborne Vibration*, Vibration, TAV-02-01-R9601

3.0 SIGNIFICANCE THRESHOLDS AND STANDARDS

3.1 Transportation Related Noise Levels (SB Noise Element)

The City of Solana Beach General Plan Noise Element states that the Noise and Land Use Compatibility Guidelines, (shown in Exhibit 15 of the Noise Element and provided below in Figure 3-A in this report) and the accompanying discussion should set forth the criteria for new development in the City. These guidelines state that any project which would be located in a normally unacceptable noise exposure area, based on the Land Use Compatibility Guidelines, shall require an acoustical analysis. Noise mitigation in the future shall be incorporated in the project as needed.

Pursuant to the Exhibit 15 of the Noise Element (Figure 3-A below), exterior noise levels up to 65 dBA CNEL are considered acceptable for multi-family residential development based upon the assumption that the homes are built with normal conventional construction. For park uses, noise levels up to 65 dBA CNEL are also acceptable.

Interior noise levels should be mitigated to a maximum of 45 dBA CNEL in all habitual rooms when the exterior of the residence are exposed to levels of 60 dBA CNEL or more. If windows and doors are required to be closed to meet the interior noise standard, then mechanical ventilation shall be provided per City requirements.

In accordance with CEQA, a project should not have a noticeable adverse impact on the surrounding environment. Noise level changes greater than 3 dBA, or a doubling of the acoustic energy, are often identified as audible and considered potentially significant, while changes less than 1 dBA are not discernible. In the range of 1 to 3 dBA, humans who are very sensitive to noise may perceive a slight change. For the purposes for this analysis, a direct and cumulative roadway noise impact would be considered significant if the project increases noise levels at a noise sensitive land use 3 dBA CNEL and if the noise level increases above an unacceptable noise level per the City's Noise Element.

Figure 3-A: Noise Compatibility Guidelines

LAND USE CATEGORIES		ENERGY AVERAGE CNEL	
CATEGORIES	USES	INTERIOR ¹	EXTERIOR ²
RESIDENTIAL	Single Family, Duplex, Multiple Family	45 ³	55 ⁴
	Mobile Home	-----	65 ⁵
COMMERCIAL INDUSTRIAL INSTITUTIONAL	Hotel, Motel, Transient Lodging	45	65 ⁶
	Commercial Retail, Bank Restaurant	55	-----
	Office Building, Research and Development, Professional Offices, City Office Building	50	-----
	Amphitheatre, Concert Hall Auditorium, Meeting Hall	45	-----
	Gymnasium (Multipurpose)	50	-----
	Sports Club	55	-----
	Manufacturing, Warehousing, Wholesale, Utilities	65	-----
	Movie Theatres	45	-----
INSTITUTIONAL	Hospital, Schools' classroom	45	65
	Church, Library	45	-----
OPEN SPACE	Parks	-----	65

INTERPRETATION

1. Indoor environment excluding: Bathrooms, toilets, closets, corridors.
2. Outdoor environment limited to: Private yard of single family
 - Multi-family private patio or balcony which is served by a means of exit from inside.
 - Mobile home Park
 - Hospital patio
 - Park's picnic area
 - School's playground
 - Hotel and motel recreation area
3. Noise level requirement with closed windows. Mechanical ventilating system or other means of natural ventilation shall be provided as of Chapter 12, Section 1205 of UBC.
- 4 Noise level requirement with open windows, if they are used to meet natural ventilation requirement.
5. Exterior noise level should be such that interior noise level will not exceed 45 CNEL.
6. Except those areas affected by aircraft noise.

3.2 Operational Sound level limits (SBMC 7.34.040)

A. Unless a permit has been applied for and granted pursuant to this chapter, it shall be unlawful for any person to cause or allow the creation of any noise to the extent that the one-hour average sound level, at any point on or beyond the boundaries of the property on which the sound is produced, exceeds the applicable limits set forth below except as provided in SBMC 7.34.170 and construction noise level limits governed by SBMC 7.34.100. The noise subject to the limits set forth below is that part of the total noise at the specified location that is due solely to the action of said person. The limits apply to the source of the noise only, not the source of the noise plus the ambient noise level. Table 3.1 below shows the City's noise level thresholds for daily operations.

Table 3.1: City of Solana Beach Operational Noise Levels

Zone	Noise Limit Between 7:00 A.M. and 10:00 P.M.	Noise Limit Between 10:00 P.M. and 7:00 A.M.
Residential: ER1, ER2, LR, LMR, MR	50	45
Residential: MHR, HR	55	45
Commercial Office: C, LC, OP	60	55
Light Industrial and Special Commercial: LI, SC	70	60
Public/ Institutional: PI, ROW	60	45
Park/Recreational: OSR	60	45

B. In the event the alleged offensive noise, as judged by the noise control officer, contains a steady, audible tone such as a whine, screech, or hum, or is a repetitive noise such as hammering or riveting, the applicable limits set forth above shall be reduced by five dB. The noise control officer may use an octave band spectral filter coupled to a sound level meter to aid in the judgment of the presence of an audible tone. If the sound intensity measured in any audible octave band exceeds that in adjacent bands by five dB, then an audible tone shall be judged as present.

C. The sound level limit at a location on a boundary between two zoning districts is the arithmetic mean of the respective limits for the two districts.

D. Fixed location public utility distribution or transmission facilities located on or adjacent to a property line shall be subject to the noise level limits of this section, measured at or beyond six feet from the boundary of the easement upon which the equipment is located.

E. "Noise control officer" as used in this chapter shall mean the city manager or his/her designee. (Ord. 399 § 1, 2009; Ord. 190 § 2, 1994; Ord. 147 § 1, 1991)

3.3 Construction hours and noise levels limited (SBMC 7.34.100)

A. The erection, demolition, alteration or repair of any building structure or the grading or excavation of land in such a manner as to create disturbing, excessive or offensive noise during the following hours, except as hereinafter provided, is a violation of this code:

1. Before 7:00 A.M. or after 7:00 P.M., Monday through Friday, and before 8:00 A.M. or after 7:00 P.M. on Saturday;
2. All day on Sunday, New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

B. Exceptions.

1. An owner/occupant or resident/tenant of residential property may engage in home improvement or a home construction project involving the erection, demolition, alteration or repair of a building or structure or the grading or excavation of land on any weekday between the hours of 7:00 A.M. and 7:00 P.M., and on weekends between the hours of 8:00 A.M. and 7:00 P.M.; provided such project is for the benefit of the residential property and is personally carried out by said owner/occupant or resident/tenant.

2. The city manager may grant exceptions of this section by issuing a permit in the following circumstances:

- a. When emergency repairs are required to protect the health and safety of any member of the community;
- b. In nonresidential zones, provided there are not inhabited dwellings within

1,500 feet of the building or structure being erected, demolished, altered or repaired or the exterior boundaries of the site being graded or excavated.

C. Construction noise levels shall not exceed 75 decibels for more than eight hours [Leq (8)] during any 24-hour period when measured at or with in property lines of any property which is developed and used either in part or in whole for residential purposes. In the event that lower noise limit standards are established for such construction activity pursuant to state or federal law, such lower limits shall be used as a basis for revising and amending the noise level limits specified in subsection C of this section. (Ord. 147 § 1, 1991).

3.4 Vibration Standards

The City has not yet adopted vibration criteria. The United States Department of Transportation Federal Transit Administration (FTA) provides criteria for acceptable levels of groundborne vibration for various types of special buildings that are sensitive to vibration. For purposes of identifying potential project-related vibration impacts, the FTA criteria will be used. The human reaction to various levels of vibration is highly subjective. The upper end of the range shown for the threshold of perception, or roughly 65 VdB, may be considered annoying by some people. Vibration below 65 VdB may also cause secondary audible effects, such as a slight rattling of doors, suspended ceilings/fixtures, windows, and dishes, any of which may result in additional annoyance. Table 3-2 on the following page shows the FTA groundborne vibration and noise impact criteria for human annoyance.

In addition to the vibration annoyance standards presented above, the FTA also applies the following standards for construction vibration damage. Table 3-3 on the following page, structural damage is possible for typical residential construction when the peak particle velocity (PPV) exceeds 0.2 inch per second (in/sec). This criterion is the threshold at which there is a risk of damage to normal dwellings.

In the context of this analysis, the noise and vibration impacts associated with the construction operations and blasting operations will be conditioned to comply with the thresholds stated above. The potential noise and vibration impacts are analyzed separately below.

Table 3-2: Vibration and Noise Impact Criteria (Human Annoyance)

	Groundborne Vibration Impact Levels (VdB re 1 microinch/second)			Groundborne Noise Impact Levels (dB re 20 micropascals)		
	Frequent Events ¹	Occasional Events ²	Infrequent Events ³	Frequent Events ¹	Occasional Events ²	Infrequent Events ³
Category 1: Buildings where low ambient vibration is essential for interior operations.	65 VdB ⁴	65 VdB ⁴	65 VdB ⁴	N/A ⁴	N/A ⁴	N/A ⁴
Category 2: Residences and buildings where people normally sleep.	72 VdB	75 VdB	80 VdB	35 dBA	38 dBA	43 dBA
Category 3: Institutional land uses with primarily daytime use.	75 VdB	78 VdB	83 VdB	40 dBA	43 dBA	48 dBA

Source: United States Department of Transportation Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, June 2006.

¹ "Frequent Events" are defined as more than 70 vibration events per day. Most rapid transit projects fall into this category.

² "Occasional Events" are defined as between 30 and 70 vibration events of the same source per day. Most commuter truck lines have this many operations.

³ "Infrequent Events" are defined as fewer than 30 vibration events of the same kind per day. This category includes most commuter rail branch lines

⁴ This criterion limit is based on levels that are acceptable for most moderately sensitive equipment such as optical microscopes. Vibration-sensitive manufacturing or research will require detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the HVAC systems and stiffened floors.

⁵ Vibration-sensitive equipment is not sensitive to groundborne noise.

Table 3-3: Vibration Impact Criteria (Structural Damage)

Building Category	PPV (in/sec)	VdB
I. Reinforced-concrete, steel, or timber (no plaster)	0.5	102
II. Engineered concrete and masonry (no plaster)	0.3	98
III. Non-engineered timber and masonry buildings	0.2	94
IV. Buildings extremely susceptible to vibration damage	0.12	90

Source: United States Department of Transportation Federal Transit Administration (FTA), *Transit Noise and Vibration Impact Assessment*, June 2006.

Notes: RMS velocity calculated from vibration level (VdB) using the reference of one microinch/second.

4.0 NOISE ENVIRONMENT

4.1 Existing Noise Environment Onsite

Noise measurements were taken using Larson-Davis Model LxT Type 1 precision sound level meter and a Larson Davis Model Spark 706, each meter was programmed, in "slow" mode, to record noise levels in "A" weighted form. The sound level meters and microphones were mounted on tripods, five feet above ground level, and equipped with a windscreens during all measurements. The sound level meters were calibrated before and after the monitoring using a Larson-Davis calibrator, Model CAL 150.

Ambient noise level measurements were conducted September 14 through 15, 2016. One 24-hour noise level measurement and three short-term measurements were conducted. The results of the noise level measurements are presented in Tables 4-1 and 4-2. The measurements were taken at locations around the site to establish a good baseline of the vehicle noise from adjacent Interstate 5.

The long-term noise level measurement is summarized in Table 4-1, based on this measurement existing ambient noise levels range from 54 to 64 dBA Leq. The 24-noise level is calculated to be 60 dBA Leq and after applying evening and nighttime noise level penalties, the CNEL is calculated to be 66 CNEL. Thus, the CNEL is approximately 2 dBA higher than the peak hour noise level. The short-term noise measurements are summarized in Table 4-2. The statistical indicators Lmax, Lmin, L10, L50 and L90, are also given for each short-term monitoring location. The noise monitoring locations are shown on Figure 4-A.

4.2 Traffic Noise Prediction Methodology

To determine the future noise environment and compatibility of the project the Federal Highway Administration's (FHWA) Traffic Noise Model, version 2.5 (TNM) was utilized. The model input parameters, which determine the projected vehicular traffic noise levels, include vehicle volumes, travel speeds, and classification mix (i.e. the percentages of automobiles, medium trucks and heavy trucks), receiver and lane locations, and site specific conditions (e.g. vegetation, elevation, and intervening topography and obstructions).

Table 4-1: 24-Hour Ambient Noise Levels

Time	dBA Leq	Time	dBA Leq
18:00	57.8	6:00	62.8
19:00	60.9	7:00	63.7
20:00	60.4	8:00	62.9
21:00	58.9	9:00	62.4
22:00	59.3	10:00	62.4
23:00	56.5	11:00	63.1
0:00	55.5	12:00	63.6
1:00	54.4	13:00	63.3
2:00	55.0	14:00	62.0
3:00	56.3	15:00	58.4
4:00	58.4	16:00	57.6
5:00	61.9	17:00	57.4

Noise level measurements were conducted September 14 through 15, 2016.
Detailed noise level measurement files are included in Attachment A.

Table 4-2: Short-Term Ambient Noise Levels

Measurement Identification	Description	Time	Noise Levels (dBA Leq)					
			Leq	Lmax	Lmin	L10	L50	L90
ML1	Northwest portion of the site	2:46–2:56 p.m.	72.2	77.6	66.5	74.2	72.4	68.6
ML2	Northeast portion of the site	3:01–3:11 p.m.	61.1	71.7	57.7	62.9	60.2	58.7
ML3	Southern portion of the site	3:15–3:23 p.m.	63.8	68.5	59.0	65.6	63.4	61.5

Noise level measurements were conducted September 14, 2016
Detailed noise level measurement files are included in Attachment A.

Noise compatibility is determined by calculating the typical weighted 24-hour noise level, or the CNEL. However, 24-hour traffic volumes fluctuate throughout the year, thus the CNEL is typically calculated by determining the relationship between the peak-hour traffic noise level and the CNEL. The first step in the process of validating the noise measurement with the noise model is to adjust the short term noise level measurements to be representative of the loudest hour. This is done by evaluating the 24-hour noise level measurement and determining the difference between the times the short term noise level were measured to the loudest hour measured.



Figure 4-A:
Ambient Monitoring Locations

Based on the 24-hour measurement summarized in Table 4-1, the loudest traffic hour occurs during the 7:00 a.m. hour. The short-term noise level measurements were taken during the 2:00 p.m. and 3:00 p.m. hours, which are 1.7 and 5.2 dBA lower than the loudest hour, respectively. Based on the differences, the short-term noise levels were adjusted upward and are summarized in Table 4-3.

Table 4-3: Adjusted Short-Term Nosie Level

Location	Measured Noise Level (dBA Leq)	Difference to Loudest Hour	Adjusted Noise Level (dBA Leq)
ML1	72.2	1.7	73.9
ML2	61.1	5.2	66.3
ML3	63.8	5.2	69.0

For purposes of modeling freeway noise, Caltrans recommends using the maximum level of service (LOS) "C" traffic volume per lane per hour (v/l/h), which based on the Highway Capacity Manual is approximately 1,800 v/l/h for limited access roadways. The maximum LOS C traffic capacity is recommended as this represents the greatest number of vehicles operating on the roadway at the highest speed. Generally, high a LOS rating indicates high volumes of traffic, which tend to result in slower speeds, while lower LOS ratings result in lower traffic volumes, both of which result in lower traffic noise levels. Based on the future configuration of 7 total lanes in each direction, 2 high occupancy vehicle (HOV) lanes, 4 general lanes, and 1 auxiliary lanes; HOV lanes are modeled as one line along the divider line of two HOV lanes with 1,500 cars per lane and no trucks. Inside two general lanes are modeled along the striping between two lanes with 1,800 cars and medium trucks per lane and no heavy trucks. Two outside general lanes and the auxiliary lane are modeled as one line along the centerline of the middle lane with 1,800 cars, medium trucks, and heavy trucks per lane. All the heavy trucks are included in this line. Medium trucks are spread proportionally between two modeled lines using 2/5 and 3/5 ratios.

Based on the existing and future freeway configurations as discussed in the *Interstate 5 North Coast Corridor Project Final Environmental Impact Report* (I-5 EIR), I-5 is currently a 10 lane freeway in the vicinity of the project, this includes 3 general purpose lanes, a high occupancy vehicle (HOV) lane, and an auxiliary lane in each direction. In the vicinity of the project site, Caltrans will widen the freeway to 14 lanes, which would

include 4 general purpose lanes, 2 HOV lanes, and an auxiliary lane in each direction. As part of the I-5 EIR evaluation, Caltrans identified a noise impact at the project site (R6.20/ST6.4) as well as adjacent surrounding properties. To mitigate the future noise impacts Caltrans required a 16-foot high sound wall between I-5 stations 595+50 and 604+40, which was identified as Sound Wall (SW) S602. SW S602 was evaluated as part of the Noise Abatement Decision Report and was recommended to be included in project the design. Additionally, Caltrans would not widen I-5 and increase capacity until SW S602 is built along the eastern side of I-5 extending from south to just the north of the project site. Therefore, two future conditions are assessed, a condition where the freeway does not expand and the project must mitigate on-site noise levels, called the “interim condition” and a second condition where Caltrans has expanded I-5 and constructed SW S602.

Table 4-4 presents the traffic parameters used in the analysis of traffic noise including the existing and future freeway volumes, vehicle speeds and the hourly traffic flow distribution (vehicle mix). The existing I-5 traffic volumes are based on the current 10 lane configuration and the future I-5 traffic volumes are based on the future configuration with 14 lanes. The vehicle mix provides the hourly distribution percentages of automobile, medium trucks and heavy trucks for input into the TNM. The traffic was broken into lane representing for the outer lanes and inner lanes based on the ultimate buildout configuration.

Table 4-4: Traffic Parameters

Roadway	Maximum LOS C Peak Hour Volumes	Modeled Speeds (MPH)	Vehicle Classification Mix ¹		
			Auto	Medium Trucks	Heavy Trucks
Existing and Interim I-5	16,650	65/65/55	15,801	539	311
Future I-5	25,900		24,627	809	466
Existing Marine View Ave.	22	25	21	1	1
Future and Interim Marine View Ave.	49		46	2	2
Existing Genevieve St.	4	25	3	1	1
Future and Interim Genevieve St.	30		28	2	1

¹ Based on Caltrans Truck Traffic Counts 2014, which indicate a classification mix of 94.27% automobiles, 3.64% medium trucks, and 2.09% heavy trucks. Modeled traffic mix roundup volumes for trucks.

The required coordinate information necessary for the TNM model input was taken from the site plans provided by Pasco Laret Suiter & Associates and Pancake Architects and Maple Architects, 2016. The plans were used to identify the pad elevations, roadway elevations, and the relationship between the noise source(s) and the outdoor receiver areas.

Modeled Existing Noise Levels and Model Calibration

Noise levels were predicted at all receivers, including noise measurement locations, using TNM 2.5 and various input parameters to compare the predicted traffic noise levels with adjusted measured traffic noise levels at common points. Calibration factors were derived and applied to individual receivers as appropriate.

The purpose of model calibration is to verify the accuracy and “fine-tune” the prediction model to actual site conditions that are not adequately accounted for by the model. Model calibration is necessary as, “TNM cannot account for all the variables present in the real world. It uses relatively simple algorithms to approximate physical processes that are complex in nature” (Caltrans 2013).

Model calibration is performed by algebraically adding a constant, or K-factor, to the noise level calculated in TNM 2.5. The magnitude of K-factors is initially determined by the difference between measured and modeled noise levels at specific points. Calibration factors may be positive or negative. Additional factors may be applied based upon the experience and judgment of the noise engineer performing the analysis.

Section 4 of the TeNS, Detailed Analysis for Traffic Noise Impacts, provides guidance on the application of calibrations. Subsection 4.4 provides the following caution in calibrating TNM. “...model calibration should not be attempted when calculated and measured noise levels agree within 1 dBA...calibration may be attempted when calculated noise levels are within 2 dBA...[d]ifferences of 3 to 4 dBA may routinely be calibrated[, and d]ifferences of 5 dBA or more should be approached with caution” (Caltrans 2013).

Existing measured and modeled noise levels at specific receivers are compared and the resultant difference is shown in Table 4-5. Existing noise model input and output data are included in Attachment B.

Table 4-5. Loudest Hour Noise Level Model Verification

Measurement Location	Measured Noise Level L_{eq} (dBA)	Loudest Hour Noise Level Adjustment	Adjusted Loudest Hour Noise Level L_{eq} (dBA)	Modeled Loudest Hour Noise Level L_{eq} (dBA)	Rounded Difference (K-Factor)
ML1	72.2	1.7	73.9	76.1	-2.2
ML2	61.1	5.2	66.3	68.6	-2.3
ML3	63.8	5.2	69.0	71.2	-2.2

All noise measurement locations along were modeled and differences between measured loudest hour noise levels and the modeled predicted loudest hour noise were evaluated. Based on the difference, a K-factor of -2 could be applied to all receivers in this study in accordance with Caltrans noise modeling policy. However, as discussed Section 4.1, the difference in measured CNEL and peak hour traffic noise level is 2 dBA. Therefore, the modeled, uncalibrated peak hour traffic noise-levels are considered representative of the CNEL and no adjustments are necessary to the modeled peak hour noise levels reported by TNM.

4.3 On-Site Traffic Noise

Interim Condition

To evaluate the potential noise impacts on the proposed development, outdoor observers were located in the Park and Courtyard areas and placed five feet above the finished pad elevation. The modeled observer locations for the outdoor use areas and modeled building façade locations are presented in Figure 4-B.



Figure 4-B:
Modeled Receptor Locations

The modeling results for the interim condition are shown in Table 4-6 below for the unmitigated and mitigated scenarios. The proposed structure was also included in the TNM models to determine the noise reductions. Based upon these findings, exterior noise mitigation will be necessary at the Courtyard areas in the southern portion of the site in order to comply with the City of Solana Beach's Noise standards.

Table 4-6: Interim Exterior Noise Levels

Receiver Number ¹	Exterior Use Type and Location	City Noise Standard (dBA CNEL)	Unmitigated Noise Level (dBA CNEL)	Mitigation Required	Mitigated Outdoor Noise Levels (dBA CNEL)
E-1	Courtyard - North	65	63	No	NA
E-2	Courtyard - North	65	63	No	NA
E-3	Park	65	55	No	NA
E-4	Park	65	58	No	NA
E-5	Courtyard - East	65	63	No	NA
E-6	Courtyard- East	65	63	No	NA
E-7	Courtyard - East	65	63	No	NA
E-8	Courtyard - East	65	59	No	NA
E-9	Courtyard – South	65	64	No	NA
E-10	Courtyard – South	65	64	No	NA
E-11	Courtyard – South	65	74	Yes	65
E-12	Courtyard – South	65	72	Yes	65

* **BOLD** means above the City's noise threshold.

¹ See Figure 4-B above for receiver locations.

Noise affected outdoor areas at the Courtyards in the southern portion of the site will require a noise barrier along the top of slope along Interstate 5 from the building towards the western and southern property lines and returning to the east. The top of the barrier must be generally 12 feet above finished grade along the freeway and follow the elevation change along the southern portion of the site. Figure 4-C shows the barrier location. With incorporation on the 12-foot high wall interim future noise levels would comply with the City of Solana Beach's 65 dBA CNEL exterior noise level standards for all proposed outdoor areas. The minimum barrier elevations above mean sea level (MSL) are shown in Figure 4-C for clarification. The barriers must be constructed of a non-gapping material consisting of masonry, ½ inch thick glass,

earthen berm or any combination of these materials. The model input parameters and output files are provided in Attachment B.

Future Condition

The modeling results for the future condition, i.e. post Caltrans improvements, are shown in Table 4-7 below for the unmitigated and mitigated scenarios. As with the interim condition, the proposed structures were also included in the TNM models to accurately calculate the associated noise reductions. Based upon these findings, exterior additional noise mitigation, beyond Caltrans' SW S602, would not be necessary in order to comply with the City of Solana Beach's Noise standards. The model input parameters and output files are provided in Attachment C.

Table 4-7: Future Exterior Noise Levels

Receiver Number ¹	Exterior Use Type and Location	City Noise Standard (dBA CNEL)	Unmitigated Noise Level (dBA CNEL)	Mitigation Required
E-1	Courtyard - North	65	58	No
E-2	Courtyard - North	65	58	No
E-3	Park	65	54	No
E-4	Park	65	56	No
E-5	Courtyard - East	65	58	No
E-6	Courtyard- East	65	58	No
E-7	Courtyard - East	65	58	No
E-8	Courtyard - East	65	54	No
E-9	Courtyard – South	65	58	No
E-10	Courtyard – South	65	59	No
E-11	Courtyard – South	65	62	No
E-12	Courtyard – South	65	62	No

* **BOLD** means above the City's noise threshold.
¹ See Figure 4-B above for receiver locations

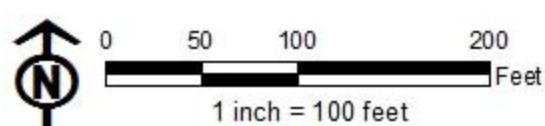


Figure 4-C:
Exterior Noise Mitigation Measures

The City of Solana Beach as part of its noise guidelines also states, consistent with Title 24 of the California Code of Regulations (CCR), a project is required to perform an interior assessment on the portions of a project site to ensure a 45 dBA CNEL interior noise level in habitable rooms. The lower and upper floor building facades along the building were modeled to determine the anticipated future noise levels at the building facade. The results of the building façade noise modeling are provided in Table 4-8 below. The TNM model input parameters and results for the future building façade conditions are provided in Attachment D.

Table 4-8: Building Facade Noise Levels (All Floors)

Building Facade Receiver Number¹	Lower Floor Noise Levels (dBA CNEL)	Interior Noise Reduction Needed (dBA CNEL)	Upper Floor Noise Levels (dBA CNEL)	Interior Noise Reduction Needed (dBA CNEL)
F-1	70	25	76	31
F-2	74	29	80	35
F-3	78	33	82	37
F-4	79	34	82	37
F-5	79	34	82	37
F-6	81	36	83	38
F-7	77	32	84	39
F-8	70	25	83	38
F-9	70	25	72	27
F-10	67	22	68	23

¹ See Figure 4-B above for receiver locations.

Based on the modeling results presented in Table 4-8 the building facades noise levels were found to potentially result in interior noise level in excess of 45 CNEL and therefore will require a final noise study be prepared prior to the issuance of the first building permit of each affected planning area. This final report would identify the interior noise requirements based upon architectural and building plans. It should be noted, interior noise levels of 45 dBA CNEL can be obtained with conventional building construction methods with a closed window condition which requires a means of mechanical ventilation (e.g. air conditioning) for each unit and upgraded windows for all sensitive rooms (e.g. bedrooms, living areas and group rooms).

4.4 Offsite Traffic Noise

The off-site project-related roadway segment noise levels projected in this report were calculated using the methods in the Highway Noise Model published by the Federal Highway Administration (FHWA Highway Traffic Noise Prediction Model, FHWA-RD-77-108, December, 1978). The FHWA Model uses the traffic volume, vehicle mix, speed, and roadway geometry to compute the equivalent noise level. A spreadsheet calculation was used which computes equivalent noise levels for each of the time periods used in the calculation of CNEL. Weighting these equivalent noise levels and summing them gives the CNEL for the traffic projections. The noise contours are then established by iterating the equivalent noise level over many distances until the distance to the desired noise contour(s) are found.

To determine if off-site noise level increases associated with the development of the project will create noise impacts, the noise levels for the existing conditions were compared with the noise level increase from when the project is full built. Utilizing the project's traffic assessment (Source: LOS Engineering), noise contours were developed for the following traffic scenarios:

Existing: Traffic projections at the time the proposed project would open without project traffic.

Existing Plus Project: Projected Existing conditions plus the added noise from the proposed project related traffic.

Existing vs. Existing Plus Project: Comparison between the Existing conditions without the project and Existing traffic with the project.

The noise levels and reference distances to the 65 dBA CNEL contours for the roadways in the vicinity of the Project site are given in Table 4-9 for the Existing Scenario and in Table 4-10 for the Existing Plus Project Scenario. Table 4-11 presents the comparison of the Existing Year with and without project related noise levels. The overall roadway segment noise levels will increase from 0.8 dBA CNEL to 9.1 dBA CNEL with the development of the Project. The Project does create a direct noise increase of more than 3 dBA CNEL on the roadway segments near the site. The overall noise level was found to be 50-52 dBA CNEL with no shielding. The overall noise levels are well below the City's most restrictive 60 dBA CNEL threshold for single family residents. Therefore, the Project's direct contributions to off-site roadway noise increases will not cause any significant impacts to any existing or future noise sensitive land uses.

Table 4-9: Existing Noise Levels without Project

Roadway Segment	ADT ¹	Vehicle Speeds (MPH) ¹	Noise Level @ 50-Feet (dBA CNEL)	65 dBA CNEL Contour Distance (Feet)
Marine View Ave				
San Andres Dr to Solana Dr	1,258	25	55.9	12
Los Caballitos to Genevieve St	221	25	48.3	4
Genevieve Street				
Marine View Ave to I-5 (cul-de-sac)	37	25	40.6	1

¹ Source: Project Traffic study prepared by LOS Engineering

Table 4-10: Existing + Project Noise Levels

Roadway Segment	ADT ¹	Vehicle Speeds (MPH) ¹	Noise Level @ 50-Feet (dBA CNEL)	65 dBA CNEL Contour Distance (Feet)
Marine View Ave				
San Andres Dr to Solana Dr	1,521	25	56.7	14
Los Caballitos to Genevieve St	484	25	51.8	7
Genevieve Street				
Marine View Ave to I-5 (cul-de-sac)	300	25	49.7	5

¹ Source: Project Traffic study prepared by LOS Engineering

Table 4-11: Existing vs. Existing + Project Noise Levels

Roadway Segment	Existing Noise Level @ 50-Feet (dBA CNEL)	Existing Plus Project Noise Level @ 50-Feet (dBA CNEL)	Project Related Direct Noise Level Increase (dBA CNEL)
Marine View Ave			
San Andres Dr to Solana Dr	55.9	56.7	0.8
Los Caballitos to Genevieve St	48.3	51.8	3.5
Genevieve Street			
Marine View Ave to I-5 (cul-de-sac)	40.6	49.7	9.1

5.0 CONSTRUCTION ACTIVITIES

5.1 Guidelines for the Determination of Significance

Section 7.34.100 of the City's Municipal Code establishes construction hours and noise level limits. Construction may only occur after 7:00 A.M. or before 7:00 P.M., Monday through Friday, and after 8:00 A.M. or before 7:00 P.M. on Saturday. Construction cannot occur outside of these hours. Construction noise levels shall not exceed 75 decibels for more than eight hours [Leq (8)] during any 24-hour period when measured at or with in property lines of any property which is developed and used either in part or in whole for residential purposes. In the event that lower noise limit standards are established for such construction activity pursuant to state or federal law, such lower limits shall be used as a basis for revising and amending the noise level limits specified in subsection C of this section. (Ord. 147 § 1, 1991).

5.2 Construction Noise Prediction Methodology

Construction noise represents a short-term impact on the ambient noise levels. Grading activities typically represent one of the highest potential sources for noise impacts. The most effective method of controlling construction noise is through local control of construction hours and by limiting the hours of construction to normal weekday working hours. Noise levels generated by heavy construction equipment can range from 60 dBA to in excess of 100 dBA when measured at 50 feet. However, these noise levels diminish rapidly with distance at a rate of approximately 6 dBA per doubling of distance. For example, a noise level of 75 dBA measured at 50 feet from the noise source to the receiver would be reduced to 69 dBA at 100 feet and reduced to 63 dBA at 200 feet.

Noise levels from the proposed construction activities were modeled with SoundPLAN Essential, version 3.0, a three-dimensional acoustical modeling software package (NAVCOM 2015). Propagation of modeled stationary noise sources was based on ISO Standard 9613-2, "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation." The model includes the terrain, which allows the calculation to take topography into account. The terrain model was developed from project specific topographical data. The ISO Standard 9613-2 assumes that all receptors would be downwind of stationary sources. This is a worst-case assumption for noise impacts, since, in reality, only some receptors will be downwind at any one time. The model calculates noise levels at selected receiver locations using input parameter estimates

such as noise generated by each noise source, distances between sources, barriers, and receivers; and shielding provided by intervening terrain, barriers, and structures.

Model input includes receiver locations and noise source locations with associated sound power levels. Typical increases or decreases of sound levels depend on the ground absorption factor between the source and receiver. Acoustically hard sites include surfaces such as pavement, bare hard ground, water, ice, and other surfaces with high reflectivity (i.e., 0.0). A higher ground factor defines more absorptive ground, such as vegetation or tilled and loose soil (typically 0.5 to 1.0). To be conservative, for construction noise analysis the project site was modeled as flat and acoustically hard. Construction receivers include all residences surrounding the site to the east, south, and north. The modeling utilized an area source to represent the construction site, which is representative of the activity and movement of equipment throughout the site over a given hour or day. To determine a representative noise level, the individual sound level of each piece of equipment was individually calculated and then combined and used to calculate a reference sound power level.

The project will be mass graded with all the internal roadways, parking and pads being developed at once. Due to the limited project size and slope construction the equipment needed for the development will consist of up to two tractors/loaders, a dozer, a grader and a water truck during the preparation and grading. A backhoe and cement truck are anticipated for the installation of utilities and driveways. These operations will not occur simultaneously. Based on reference data collected by the FHWA, the worst case noise levels from the construction equipment for site preparation would occur during the grading operations. Reference noise levels for each piece of equipment during the grading operations are provided in Table 5-1 below and source data from the FHWA Road Construction Noise Model (RCNM) is provided in Attachment E.

Table 5-1: Reference Noise Levels

Construction Phase	Construction Equipment	Quantity	Source Level @ 50-Feet (dBA L_{max})¹	Source Level @ 50-Feet (dBA L_{eq})¹
Grading Operations	Grader	1	85	81
	Loader/Backhoe	2	80	79
	Dozer	1	85	81
	Water Truck	1	84	80

¹Source: FHWA 2006

5.3 Construction Findings and Mitigation

Noise levels were modeled at specific receiver locations at adjacent property lines. As shown in Figure 5-1 and Table 5-2, grading activities are anticipated to generate noise levels up to 78 dBA L_{eq} at adjacent property lines, which exceeds with the City of Solana Beach's 75 dBA L_{eq} standard and mitigation would be required to reduce noise levels at the property lines located to the south and east of the project site. SoundPlan modeling input and output data is included in Attachment E.

An 8-foot high wall would be required along the eastern and southern boundary of the project as shown in Figure 5-A. With an 8-foot high barrier, construction noise level would be reduced 8 to 10 dBA depending on distance of the equipment or receiver from the barrier. As shown in Table 5-2, with the incorporation of the identified noise wall maximum construction noise level would attenuate to 68 dBA L_{eq} or less at adjacent properties. Therefore, with incorporation of an 8-foot high barrier as shown in Figure 5-2, construction noise levels would comply with the City of Solana Beach standards and impacts would be less than significant.

Table 5-2: Construction Noise Levels

Receiver Number	Address	City Noise Standard (dBA L _{eq(8)})	Unmitigated Noise Level (dBA L _{eq(8)})	Mitigation Required	Mitigated Noise Levels L _{eq(8)})
CR-1	609 Marine View Ave	75	77	Yes	69
CR-2	609 Marine View Ave	75	78	Yes	71
CR-3	609 Marine View Ave	75	78	Yes	71
CR-4	621 Marine View Ave	75	78	Yes	69
CR-5	641 Marine View Ave	75	78	Yes	68
CR-6	649 Marine View Ave	75	78	Yes	68
CR-7	667 Marine View Ave	75	76	Yes	67
CR-8	677 Marine View Ave	75	77	Yes	68
CR-9	1024 Genevieve St	75	73	No	73
CR-10	445 Marine View Ave	75	71	No	71

* **BOLD** means above the City's noise threshold.

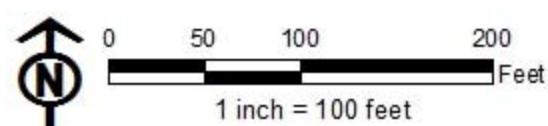
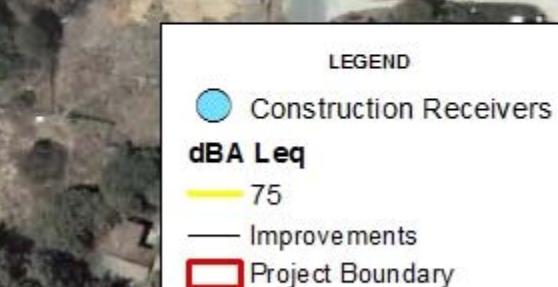


Figure 5-A:
Construction Noise Level Contours –
Without Mitigation



- LEGEND**
- Construction Receivers
 - Soundwall
 - dBA Leq
 - 75
 - Improvements
 - Project Boundary

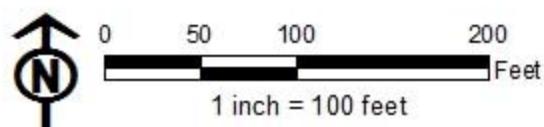


Figure 5-B:
Construction Noise Level Contours
– With Mitigation

5.4 Construction Vibration Findings and Mitigation

The nearest vibration-sensitive uses are the residences located adjacent to the proposed construction. Table 5-3 lists the average vibration levels that would be experienced at the nearest vibration sensitive land uses from the temporary construction activities.

The FTA has determined vibration levels that would cause annoyance to a substantial number of people and potential damage to building structures. The FTA criterion for vibration induced structural damage is 0.20 in/sec for the peak particle velocity (PPV). Project construction activities would result in PPV levels below the FTA's criteria for vibration induced structural damage. Therefore, project construction activities would not result in vibration induced structural damage to residential buildings near the demolition and construction areas. The FTA criterion for infrequent vibration induced annoyance is 80 Vibration Velocity (VdB) for residential uses. Construction activities would generate levels of vibration that would not exceed the FTA criteria for nuisance for nearby residential uses. Therefore, vibration impacts would be less than significant.

Table 5-3: Vibration Levels from Construction Activities

Equipment	Velocity Level at 25 Feet (VdB)	RMS Velocity at 25 Feet (in/sec)	Velocity Level at 50 Feet (VdB)	RMS Velocity at 50 Feet (in/sec)
Small bulldozer	58	0.003	49.0	0.0011
Jackhammer	79	0.035	70.0	0.0124
Loaded trucks	86	0.076	77.0	0.0269
Large bulldozer	87	0.089	78.0	0.0315
		FTA Criteria	80	0.2
		Significant Impact?	No	No

¹ PPV at Distance D = PPVref x $(25/D)^{1.5}$

6.0 CERTIFICATIONS

The contents of this report represent an accurate depiction of the noise environment and impacts within and surrounding the Residential Care Facility Project. The information contained in this report was based on the best available data at the time of preparation.

DRAFT

Jeremy Louden, Principal
Ldn Consulting, Inc.
jlouden@ldnconsulting.net
760-473-1253

Date: July 29, 2017

ATTACHMENT A
Detailed Noise Level Measurement Data

General Information
Serial Number 2412
Model Number LxT1
User TOA
Job Description Short Term Measurements
Location SB Residential Care Facility
File Name LxT_Data.095

Start Thursday 2016 September 15 14:46:19
Stop Thursday 2016 September 15 14:56:19
Run Time 0:10:00

Pre Calibration 14-Jun-16 13:21:25
Post Calibration None
Calibration Deviation ---

Note

Overall Data

Leq 72.2 dBA
Lmax 2016 Sep 1 77.6 dBA
LPeak 2016 Sep 1 92.9 dBA
Lmin 2016 Sep 1 66.5 dBA
LE 100 dBA
SE 1.1 mPa²hr
SE(8) 53.6 mPa²hr
SE(40) 267.9 mPa²hr
Overload? No

Statistics

L[5.0] 74.7 dBA
L[10.0] 74.2 dBA
L[33.3] 73.1 dBA
L[50.0] 72.4 dBA
L[66.6] 70.5 dBA
L[90.0] 68.6 dBA

Event Counts (SPL Trigger 85.0 dB) 0
Event Counts (SPL Trigger 115.0 dB) 0
Event Counts (Lpeak Trigger 135.0 dB) 0

Dose

Dose Name	OSHA-1	OSHA-2
Dose	0	0 %
Projected Dose	0	0 %
Projected TWA	---	--- dBA
TWA (8)	---	--- dBA
Lep (8)	55.4	55.4 dBA

Dose Settings

Exch. Rate	5	5
Threshold	90	80 dBA
Criterion	90	90 dBA
Crit. Duration	8	8 hours

General Information
Serial Number 2412
Model Number LxT1
User TOA
Job Description Short Term Measurements
Location SB Residential Care Facility
File Name LxT_Data.096

Start Thursday 2016 September 15 15:01:05
Stop Thursday 2016 September 15 15:11:12
Run Time 0:10:07

Pre Calibration 14-Jun-16 13:21:25
Post Calibration None
Calibration Deviation ---

Note

Overall Data

Leq 61.1 dBA
Lmax 2016 Sep 1 71.7 dBA
LPeak 2016 Sep 1 85.7 dBA
Lmin 2016 Sep 1 57.7 dBA
LE 89 dBA
SE 87.8 μ Pa²hr
SE(8) 4.2 mPa²hr
SE(40) 20.8 mPa²hr
Overload? No

Statistics

L[5.0] 63.9 dBA
L[10.0] 62.9 dBA
L[33.3] 61 dBA
L[50.0] 60.2 dBA
L[66.6] 59.6 dBA
L[90.0] 58.7 dBA

Event Counts (SPL Trigger 85.0 dB) 0
Event Counts (SPL Trigger 115.0 dB) 0
Event Counts (Lpeak Trigger 135.0 dB) 0

Dose

Dose Name	OSHA-1	OSHA-2
Dose	0	0 %
Projected Dose	0	0 %
Projected TWA	---	--- dBA
TWA (8)	---	--- dBA
Lep (8)	44.4	44.4 dBA

Dose Settings

Exch. Rate	5	5
Threshold	90	80 dBA
Criterion	90	90 dBA
Crit. Duration	8	8 hours

General Information
Serial Number 2412
Model Number LxT1
User TOA
Job Description Short Term Measurements
Location SB Residential Care Facility
File Name LxT_Data.097

Start Thursday 2016 September 15 15:13:16
Stop Thursday 2016 September 15 15:23:17
Run Time 0:10:01

Pre Calibration 14-Jun-16 13:21:25
Post Calibration None
Calibration Deviation ---

Note

Overall Data

Leq 63.8 dBA
Lmax 2016 Sep 1 68.5 dBA
LPeak 2016 Sep 1 89.1 dBA
Lmin 2016 Sep 1 59 dBA
LE 91.6 dBA
SE 160.4 μ Pa²hr
SE(8) 7.7 mPa²hr
SE(40) 38.4 mPa²hr
Overload? No

Statistics

L[5.0] 65.9 dBA
L[10.0] 65.6 dBA
L[33.3] 64.2 dBA
L[50.0] 63.4 dBA
L[66.6] 62.8 dBA
L[90.0] 61.5 dBA

Event Counts (SPL Trigger 85.0 dB) 0
Event Counts (SPL Trigger 115.0 dB) 0
Event Counts (Lpeak Trigger 135.0 dB) 0

General Information
 Serial Numt 2994
 Model Num 706
 User TOA

Job Descrip SB Residential Care Facility
 Location Long Term Measurement
 Start 14-Sep-16 17:35:03
 Stop 16-Sep-16 17:59:03
 Run Time 2 Days 00:24:00

Pre Calibrat 30-Oct-14 10:55:00

Post Calibrat: None

Calibration ---

Sample Per 60 seconds

Periods 2904

Note

Results	Dose 1	Dose 2	Dose 3	Dose 4
Dose	0.6 ---	---	---	2.1
Projected D	0.1 ---	---	---	0.3
Leq	60.3	60.3	60.3	60.3
TWA	60.3 ---	---	---	60.3
TWA (8)	68.1	9.5	9.5	68.1
Lmax	82.1	82.1	82.1	82.1
LPeak	117.2	117.2	117.2	117.2
Lmin	37.2	37.2	37.2	37.2
Lep (8)	68.1	68.1	68.1	68.1
SE	0	0	0	0

Overload? No

Statistics

L[10]	63
L[30]	61
L[50]	58.5
L[70]	56.5
L[90]	53

Settings

Exch. Rate	3	5	5	3
Threshold	30	80	80	0
Criterion	90	90	85	85
Crit. Duratic	8	8	8	8

RMS Weigt A Weighting

Peak Weigt Unweighted

Detector Slow

Gain 30

Time History

Number	Date	Time	Leq	Max	Min	Peak	TWA1	TWA2	TWA3	TWA4	Overload?Mic Disconnect?	
1	14-Sep-16	17:35:03	65.9	75.2	52.9	117.2	65.9 ---	---	---	65.9	2.33E+08	65.9
2	14-Sep-16	17:36:03	54.8	60.6	51	93.9	54.8 ---	---	---	54.8	1.81E+07	54.8
3	14-Sep-16	17:37:03	55.6	58.6	52.1	84.1	55.6 ---	---	---	55.6	2.18E+07	55.6
4	14-Sep-16	17:38:03	57.2	60.8	54.8	85.3	57.2 ---	---	---	57.2	3.15E+07	57.2
5	14-Sep-16	17:39:03	57.8	60.5	55.3	85.8	57.8 ---	---	---	57.8	3.62E+07	57.8
6	14-Sep-16	17:40:03	57.1	59.5	54.4	83.5	57.1 ---	---	---	57.1	3.08E+07	57.1
7	14-Sep-16	17:41:03	54.7	57.7	52.3	82.8	54.7 ---	---	---	54.7	1.77E+07	54.7
8	14-Sep-16	17:42:03	56.2	58.9	54.2	84.1	56.2 ---	---	---	56.2	2.50E+07	56.2
9	14-Sep-16	17:43:03	57.2	59.2	55.1	88.1	57.2 ---	---	---	57.2	3.15E+07	57.2
10	14-Sep-16	17:44:03	57	60.4	55	84.1	57	---	---	57	3.01E+07	57.0
11	14-Sep-16	17:45:03	57.2	60.2	54.5	83.5	57.2 ---	---	---	57.2	3.15E+07	57.2
12	14-Sep-16	17:46:03	55.7	60.4	52.7	86.3	55.7 ---	---	---	55.7	2.23E+07	55.7
13	14-Sep-16	17:47:03	58.8	67.1	54.5	87.7	58.8 ---	---	---	58.8	4.55E+07	58.8
14	14-Sep-16	17:48:03	55.8	58.5	53.7	84.8	55.8 ---	---	---	55.8	2.28E+07	55.8
15	14-Sep-16	17:49:03	58.5	65.5	55.3	89.5	58.5 ---	---	---	58.5	4.25E+07	58.5
16	14-Sep-16	17:50:03	56.4	61.5	53.1	82.8	56.4 ---	---	---	56.4	2.62E+07	56.4
17	14-Sep-16	17:51:03	56.5	61.2	52.7	84.1	56.5 ---	---	---	56.5	2.68E+07	56.5
18	14-Sep-16	17:52:03	58.7	61.6	54.9	84.8	58.7 ---	---	---	58.7	4.45E+07	58.7
19	14-Sep-16	17:53:03	58.4	61.1	55.1	85.3	58.4 ---	---	---	58.4	4.15E+07	58.4
20	14-Sep-16	17:54:03	57.1	59.5	53.2	84.1	57.1 ---	---	---	57.1	3.08E+07	57.1
21	14-Sep-16	17:55:03	56.5	59.9	50.8	86.3	56.5 ---	---	---	56.5	2.68E+07	56.5
22	14-Sep-16	17:56:03	58.7	65.1	55.3	91.9	58.7 ---	---	---	58.7	4.45E+07	58.7
23	14-Sep-16	17:57:03	58.8	62.3	56.2	85.8	58.8 ---	---	---	58.8	4.55E+07	58.8
24	14-Sep-16	17:58:03	55.7	58.1	53.5	84.1	55.7 ---	---	---	55.7	2.23E+07	55.7
25	14-Sep-16	17:59:03	55.8	59.3	53	83.5	55.8 ---	---	---	55.8	2.28E+07	55.8
											9.72E+08	58.1
26	14-Sep-16	18:00:03	56.2	60.6	53.3	84.8	56.2 ---	---	---	56.2	2.50E+07	56.2
27	14-Sep-16	18:01:03	55	56.5	53.3	83.5	55 ---	---	---	55	1.90E+07	55.0
28	14-Sep-16	18:02:03	55.5	59.3	51.7	85.8	55.5 ---	---	---	55.5	2.13E+07	55.5
29	14-Sep-16	18:03:03	55.2	58.9	51.9	82.8	55.2 ---	---	---	55.2	1.99E+07	55.2
30	14-Sep-16	18:04:03	54.1	60.2	48.9	84.8	54.1 ---	---	---	54.1	1.54E+07	54.1
31	14-Sep-16	18:05:03	54.6	56.5	50.6	83.5	54.6 ---	---	---	54.6	1.73E+07	54.6
32	14-Sep-16	18:06:03	56.6	61.2	53	85.3	56.6 ---	---	---	56.6	2.74E+07	56.6
33	14-Sep-16	18:07:03	54.5	58.9	52	86.3	54.5 ---	---	---	54.5	1.69E+07	54.5
34	14-Sep-16	18:08:03	56.5	60.7	52.4	85.3	56.5 ---	---	---	56.5	2.68E+07	56.5

35	14-Sep-16	18:09:03	56.4	60.8	51.8	84.1	56.4	---	56.4	2.62E+07	56.4
36	14-Sep-16	18:10:03	54.3	59.4	51.5	88.1	54.3	---	54.3	1.61E+07	54.3
37	14-Sep-16	18:11:03	55.1	58.7	51.6	87.3	55.1	---	55.1	1.94E+07	55.1
38	14-Sep-16	18:12:03	56	59.7	52.6	82.8	56	---	56	2.39E+07	56.0
39	14-Sep-16	18:13:03	55.4	58.5	51.9	82.8	55.4	---	55.4	2.08E+07	55.4
40	14-Sep-16	18:14:03	56.8	65.8	52	85.8	56.8	---	56.8	2.87E+07	56.8
41	14-Sep-16	18:15:03	59.5	71.2	53.8	90.2	59.5	---	59.5	5.35E+07	59.5
42	14-Sep-16	18:16:03	53.6	59.3	52	82.1	53.6	---	53.6	1.37E+07	53.6
43	14-Sep-16	18:17:03	55.1	60.3	51.3	82.8	55.1	---	55.1	1.94E+07	55.1
44	14-Sep-16	18:18:03	55.9	61.1	50.7	89.2	55.9	---	55.9	2.33E+07	55.9
45	14-Sep-16	18:19:03	57.9	62.4	54.3	83.5	57.9	---	57.9	3.70E+07	57.9
46	14-Sep-16	18:20:03	57.1	59.5	54.3	85.8	57.1	---	57.1	3.08E+07	57.1
47	14-Sep-16	18:21:03	57.9	61.8	54.6	84.8	57.9	---	57.9	3.70E+07	57.9
48	14-Sep-16	18:22:03	57.6	61.5	55.5	86.3	57.6	---	57.6	3.45E+07	57.6
49	14-Sep-16	18:23:03	55.9	59	53	85.3	55.9	---	55.9	2.33E+07	55.9
50	14-Sep-16	18:24:03	57.4	60.5	55	86.3	57.4	---	57.4	3.30E+07	57.4
51	14-Sep-16	18:25:03	58.2	62.3	55.2	84.8	58.2	---	58.2	3.96E+07	58.2
52	14-Sep-16	18:26:03	57.4	59	55.6	81.2	57.4	---	57.4	3.30E+07	57.4
53	14-Sep-16	18:27:03	58.1	63.3	55	87.7	58.1	---	58.1	3.87E+07	58.1
54	14-Sep-16	18:28:03	58.1	62.6	55.4	85.8	58.1	---	58.1	3.87E+07	58.1
55	14-Sep-16	18:29:03	58.3	62.4	54.4	87.7	58.3	---	58.3	4.06E+07	58.3
56	14-Sep-16	18:30:03	58.7	63.4	55.6	86.3	58.7	---	58.7	4.45E+07	58.7
57	14-Sep-16	18:31:03	59.5	62.8	55.1	85.8	59.5	---	59.5	5.35E+07	59.5
58	14-Sep-16	18:32:03	59.2	62	57.3	86.3	59.2	---	59.2	4.99E+07	59.2
59	14-Sep-16	18:33:03	57.7	60.2	55.7	86.3	57.7	---	57.7	3.53E+07	57.7
60	14-Sep-16	18:34:03	57.2	59.5	55.5	84.1	57.2	---	57.2	3.15E+07	57.2
61	14-Sep-16	18:35:03	58.8	65.8	53.9	87.7	58.8	---	58.8	4.55E+07	58.8
62	14-Sep-16	18:36:03	55.7	57	54.7	82.1	55.7	---	55.7	2.23E+07	55.7
63	14-Sep-16	18:37:03	58.8	63.2	56.2	84.1	58.8	---	58.8	4.55E+07	58.8
64	14-Sep-16	18:38:03	59.2	64.2	54.6	85.8	59.2	---	59.2	4.99E+07	59.2
65	14-Sep-16	18:39:03	58.2	62.2	54.4	88.5	58.2	---	58.2	3.96E+07	58.2
66	14-Sep-16	18:40:03	57.5	60	55.8	85.8	57.5	---	57.5	3.37E+07	57.5
67	14-Sep-16	18:41:03	57.8	62.6	55.1	85.8	57.8	---	57.8	3.62E+07	57.8
68	14-Sep-16	18:42:03	57.8	60.1	54.4	84.8	57.8	---	57.8	3.62E+07	57.8
69	14-Sep-16	18:43:03	58.7	63.8	56.6	88.1	58.7	---	58.7	4.45E+07	58.7
70	14-Sep-16	18:44:03	56.7	59.8	54	84.8	56.7	---	56.7	2.81E+07	56.7
71	14-Sep-16	18:45:03	59.6	65.1	56.2	88.1	59.6	---	59.6	5.47E+07	59.6
72	14-Sep-16	18:46:03	57.6	61.3	56	84.8	57.6	---	57.6	3.45E+07	57.6
73	14-Sep-16	18:47:03	57.6	60.6	56.1	85.3	57.6	---	57.6	3.45E+07	57.6
74	14-Sep-16	18:48:03	58.3	59.9	56.7	84.1	58.3	---	58.3	4.06E+07	58.3
75	14-Sep-16	18:49:03	57.9	61.9	55.4	86.3	57.9	---	57.9	3.70E+07	57.9
76	14-Sep-16	18:50:03	58	60.2	56.3	86.8	58	---	58	3.79E+07	58.0
77	14-Sep-16	18:51:03	58.4	63.1	55.9	87.3	58.4	---	58.4	4.15E+07	58.4
78	14-Sep-16	18:52:03	59.4	62.2	56.4	90.8	59.4	---	59.4	5.23E+07	59.4
79	14-Sep-16	18:53:03	59.3	65.6	56.6	84.8	59.3	---	59.3	5.11E+07	59.3
80	14-Sep-16	18:54:03	59.1	62.4	56.4	88.9	59.1	---	59.1	4.88E+07	59.1
81	14-Sep-16	18:55:03	59.5	61.9	57.3	82.8	59.5	---	59.5	5.35E+07	59.5
82	14-Sep-16	18:56:03	60.7	66.2	57.6	89.5	60.7	---	60.7	7.05E+07	60.7
83	14-Sep-16	18:57:03	59.9	62.3	57.1	87.3	59.9	---	59.9	5.86E+07	59.9
84	14-Sep-16	18:58:03	58	61.8	55.3	85.8	58	---	58	3.79E+07	58.0
85	14-Sep-16	18:59:03	61.8	71.4	55.8	96.4	61.8	---	61.8	9.08E+07	61.8

2.16E+09 57.8

86	14-Sep-16	19:00:03	58.3	60	55.7	86.3	58.3	---	58.3	4.06E+07	58.3
87	14-Sep-16	19:01:03	59.6	63.1	57	91.3	59.6	---	59.6	5.47E+07	59.6
88	14-Sep-16	19:02:03	60.3	63.7	57.3	89.5	60.3	---	60.3	6.43E+07	60.3
89	14-Sep-16	19:03:03	59.4	62.3	57.8	84.1	59.4	---	59.4	5.23E+07	59.4
90	14-Sep-16	19:04:03	60.3	63.3	57.1	88.5	60.3	---	60.3	6.43E+07	60.3
91	14-Sep-16	19:05:03	61.7	66.9	56.3	88.9	61.7	---	61.7	8.87E+07	61.7
92	14-Sep-16	19:06:03	62.3	66	59.3	88.9	62.3	---	62.3	1.02E+08	62.3
93	14-Sep-16	19:07:03	60.3	63.5	54.4	87.3	60.3	---	60.3	6.43E+07	60.3
94	14-Sep-16	19:08:03	60.4	62.8	57.5	84.1	60.4	---	60.4	6.58E+07	60.4
95	14-Sep-16	19:09:03	60.9	66.2	57	86.3	60.9	---	60.9	7.38E+07	60.9
96	14-Sep-16	19:10:03	61.5	65.2	56.9	88.5	61.5	---	61.5	8.48E+07	61.5
97	14-Sep-16	19:11:03	62	66.3	56.2	88.5	62	---	62	9.51E+07	62.0
98	14-Sep-16	19:12:03	61	63.2	58.4	82.8	61	---	61	7.55E+07	61.0
99	14-Sep-16	19:13:03	59.8	66.8	55.4	85.3	59.8	---	59.8	5.73E+07	59.8
100	14-Sep-16	19:14:03	62.4	71.1	58.6	86.3	62.4	---	62.4	1.04E+08	62.4
101	14-Sep-16	19:15:03	61.6	66.2	58.4	91.9	61.6	---	61.6	8.67E+07	61.6
102	14-Sep-16	19:16:03	61	65.5	58.6	88.1	61	---	61	7.55E+07	61.0
103	14-Sep-16	19:17:03	61.7	66.4	58.5	81.2	61.7	---	61.7	8.87E+07	61.7
104	14-Sep-16	19:18:03	59.7	65.8	56.9	82.1	59.7	---	59.7	5.60E+07	59.7
105	14-Sep-16	19:19:03	60.8	64.3	58.3	87.7	60.8	---	60.8	7.21E+07	60.8
106	14-Sep-16	19:20:03	62.2	66.3	57.4	86.8	62.2	---	62.2	9.96E+07	62.2
107	14-Sep-16	19:21:03	62.6	67	59.5	88.5	62.6	---	62.6	1.09E+08	62.6
108	14-Sep-16	19:22:03	59.8	62.9	58	87.3	59.8	---	59.8	5.73E+07	59.8
109	14-Sep-16	19:23:03	60.1	63.5	56.1	89.2	60.1	---	60.1	6.14E+07	60.1
110	14-Sep-16	19:24:03	59.8	63.4	56.9	87.7	59.8	---	59.8	5.73E+07	59.8
111	14-Sep-16	19:25:03	60.8	64.7	58.2	85.8	60.8	---	60.8	7.21E+07	60.8
112	14-Sep-16	19:26:03	61.5	64.9	58.3	88.5	61.5	---	61.5	8.48E+07	61.5
113	14-Sep-16	19:27:03	61	64.9	58.4	86.3	61	---	61	7.55E+07	61.0
114	14-Sep-16	19:28:03	59.8	61.4	57.5	88.5	59.8	---	59.8	5.73E+07	59.8
115	14-Sep-16	19:29:03	61.3	64.7	56.1	88.9	61.3	---	61.3	8.09E+07	61.3
116	14-Sep-16	19:30:03	60.1	62	57.8	82.8	60.1	---	60.1	6.14E+07	60.1
117	14-Sep-16	19:31:03	61.7	65.5	58.7	85.8	61.7	---	61.7	8.87E+07	61.7

118	14-Sep-16	19:32:03	60.6	63.5	57.8	87.7	60.6	---	60.6	6.89E+07	60.6
119	14-Sep-16	19:33:03	60.8	64.5	56.7	88.9	60.8	---	60.8	7.21E+07	60.8
120	14-Sep-16	19:34:03	61.2	65.1	58.3	87.7	61.2	---	61.2	7.91E+07	61.2
121	14-Sep-16	19:35:03	60.4	62.5	56.9	91.1	60.4	---	60.4	6.58E+07	60.4
122	14-Sep-16	19:36:03	60.9	65.8	57.9	88.1	60.9	---	60.9	7.38E+07	60.9
123	14-Sep-16	19:37:03	60.4	65.7	57.3	85.8	60.4	---	60.4	6.58E+07	60.4
124	14-Sep-16	19:38:03	61	63.6	57.6	87.7	61	---	61	7.55E+07	61.0
125	14-Sep-16	19:39:03	61.1	65.8	58.2	85.8	61.1	---	61.1	7.73E+07	61.1
126	14-Sep-16	19:40:03	60.2	63.3	56.1	88.1	60.2	---	60.2	6.28E+07	60.2
127	14-Sep-16	19:41:03	61.4	66.1	57.2	88.5	61.4	---	61.4	8.28E+07	61.4
128	14-Sep-16	19:42:03	60.9	64.3	57	88.5	60.9	---	60.9	7.38E+07	60.9
129	14-Sep-16	19:43:03	59.5	62.3	56.2	86.3	59.5	---	59.5	5.35E+07	59.5
130	14-Sep-16	19:44:03	62.8	70.1	59.8	90.8	62.8	---	62.8	1.14E+08	62.8
131	14-Sep-16	19:45:03	62.9	67.5	59.3	91.6	62.9	---	62.9	1.17E+08	62.9
132	14-Sep-16	19:46:03	61.8	64.5	58.9	86.3	61.8	---	61.8	9.08E+07	61.8
133	14-Sep-16	19:47:03	60.1	64.6	56.1	85.3	60.1	---	60.1	6.14E+07	60.1
134	14-Sep-16	19:48:03	60.4	67.5	55.9	84.1	60.4	---	60.4	6.58E+07	60.4
135	14-Sep-16	19:49:03	60.3	63.2	57.2	85.3	60.3	---	60.3	6.43E+07	60.3
136	14-Sep-16	19:50:03	60.7	64.5	56.9	88.5	60.7	---	60.7	7.05E+07	60.7
137	14-Sep-16	19:51:03	61.5	66.6	58.6	85.8	61.5	---	61.5	8.48E+07	61.5
138	14-Sep-16	19:52:03	59.2	62.7	55.2	84.1	59.2	---	59.2	4.99E+07	59.2
139	14-Sep-16	19:53:03	60.8	63.4	58.4	84.1	60.8	---	60.8	7.21E+07	60.8
140	14-Sep-16	19:54:03	59.3	63.2	57.3	84.8	59.3	---	59.3	5.11E+07	59.3
141	14-Sep-16	19:55:03	60.6	64.5	57.1	87.7	60.6	---	60.6	6.89E+07	60.6
142	14-Sep-16	19:56:03	60.7	65	56.9	88.5	60.7	---	60.7	7.05E+07	60.7
143	14-Sep-16	19:57:03	60.1	65.8	54.3	85.8	60.1	---	60.1	6.14E+07	60.1
144	14-Sep-16	19:58:03	61.6	67.5	57.1	87.7	61.6	---	61.6	8.67E+07	61.6
145	14-Sep-16	19:59:03	60.1	63.6	54.6	88.9	60.1	---	60.1	6.14E+07	60.1
										4.41E+09	60.9

146	14-Sep-16	20:00:03	60	63.1	56.4	83.5	60	---	60	6.00E+07	60.0
147	14-Sep-16	20:01:03	61.5	66.8	56	92.6	61.5	---	61.5	8.48E+07	61.5
148	14-Sep-16	20:02:03	60.6	66.3	56.2	84.8	60.6	---	60.6	6.89E+07	60.6
149	14-Sep-16	20:03:03	61.1	65.8	57.4	86.3	61.1	---	61.1	7.73E+07	61.1
150	14-Sep-16	20:04:03	61.5	65.1	57.3	87.3	61.5	---	61.5	8.48E+07	61.5
151	14-Sep-16	20:05:03	61.5	70.5	55.2	90.2	61.5	---	61.5	8.48E+07	61.5
152	14-Sep-16	20:06:03	60.8	65.7	56.5	87.3	60.8	---	60.8	7.21E+07	60.8
153	14-Sep-16	20:07:03	59.7	62.6	56.1	87.3	59.7	---	59.7	5.60E+07	59.7
154	14-Sep-16	20:08:03	60.2	64.7	54.6	92.6	60.2	---	60.2	6.28E+07	60.2
155	14-Sep-16	20:09:03	61.2	66.7	56.6	88.1	61.2	---	61.2	7.91E+07	61.2
156	14-Sep-16	20:10:03	61	64.6	57.1	85.8	61	---	61	7.55E+07	61.0
157	14-Sep-16	20:11:03	61.9	69.6	56	91.1	61.9	---	61.9	9.29E+07	61.9
158	14-Sep-16	20:12:03	60.5	64.3	53.8	85.8	60.5	---	60.5	6.73E+07	60.5
159	14-Sep-16	20:13:03	58.9	61	53.8	85.3	58.9	---	58.9	4.66E+07	58.9
160	14-Sep-16	20:14:03	62	69.6	56.7	88.9	62	---	62	9.51E+07	62.0
161	14-Sep-16	20:15:03	60.8	65.6	55.7	83.5	60.8	---	60.8	7.21E+07	60.8
162	14-Sep-16	20:16:03	60.8	66.5	56.6	85.3	60.8	---	60.8	7.21E+07	60.8
163	14-Sep-16	20:17:03	59.7	62.5	55.7	85.3	59.7	---	59.7	5.60E+07	59.7
164	14-Sep-16	20:18:03	60	65.1	55.5	86.3	60	---	60	6.00E+07	60.0
165	14-Sep-16	20:19:03	61.3	65.2	56.7	85.3	61.3	---	61.3	8.09E+07	61.3
166	14-Sep-16	20:20:03	61.3	65.9	57.5	87.7	61.3	---	61.3	8.09E+07	61.3
167	14-Sep-16	20:21:03	61.3	69.7	56.9	87.3	61.3	---	61.3	8.09E+07	61.3
168	14-Sep-16	20:22:03	61.2	66.1	55.4	85.8	61.2	---	61.2	7.91E+07	61.2
169	14-Sep-16	20:23:03	60.3	64.3	55.8	87.3	60.3	---	60.3	6.43E+07	60.3
170	14-Sep-16	20:24:03	59	62.2	52.7	82.8	59	---	59	4.77E+07	59.0
171	14-Sep-16	20:25:03	59.1	62.3	55.9	86.8	59.1	---	59.1	4.88E+07	59.1
172	14-Sep-16	20:26:03	61.3	67.4	54.1	89.5	61.3	---	61.3	8.09E+07	61.3
173	14-Sep-16	20:27:03	59.9	63.2	55.6	86.8	59.9	---	59.9	5.86E+07	59.9
174	14-Sep-16	20:28:03	61.2	68.9	55.6	88.9	61.2	---	61.2	7.91E+07	61.2
175	14-Sep-16	20:29:03	59.8	63.4	56.3	86.3	59.8	---	59.8	5.73E+07	59.8
176	14-Sep-16	20:30:03	59.5	64.4	52.8	87.7	59.5	---	59.5	5.35E+07	59.5
177	14-Sep-16	20:31:03	61.3	65.8	55.3	88.5	61.3	---	61.3	8.09E+07	61.3
178	14-Sep-16	20:32:03	59.3	65.2	53.6	83.5	59.3	---	59.3	5.11E+07	59.3
179	14-Sep-16	20:33:03	61	65.1	57.1	89.2	61	---	61	7.55E+07	61.0
180	14-Sep-16	20:34:03	60.3	63.7	56.4	87.3	60.3	---	60.3	6.43E+07	60.3
181	14-Sep-16	20:35:03	61.3	65.2	56.4	86.3	61.3	---	61.3	8.09E+07	61.3
182	14-Sep-16	20:36:03	61.8	69.3	57.4	91.1	61.8	---	61.8	9.08E+07	61.8
183	14-Sep-16	20:37:03	60.3	65.7	56.5	84.8	60.3	---	60.3	6.43E+07	60.3
184	14-Sep-16	20:38:03	60.6	64.8	55.5	85.3	60.6	---	60.6	6.89E+07	60.6
185	14-Sep-16	20:39:03	61	65.3	56.2	90.2	61	---	61	7.55E+07	61.0
186	14-Sep-16	20:40:03	60.1	63.6	55.5	87.7	60.1	---	60.1	6.14E+07	60.1
187	14-Sep-16	20:41:03	60.5	64.4	55.9	86.3	60.5	---	60.5	6.73E+07	60.5
188	14-Sep-16	20:42:03	60.1	63.1	56.4	84.8	60.1	---	60.1	6.14E+07	60.1
189	14-Sep-16	20:43:03	59.5	63.1	54.1	87.7	59.5	---	59.5	5.35E+07	59.5
190	14-Sep-16	20:44:03	60.3	63.7	57	85.8	60.3	---	60.3	6.43E+07	60.3
191	14-Sep-16	20:45:03	61.4	66.5	56.9	85.3	61.4	---	61.4	8.28E+07	61.4
192	14-Sep-16	20:46:03	59	63.6	55.3	85.8	59	---	59	4.77E+07	59.0
193	14-Sep-16	20:47:03	60.2	63.3	55.4	85.3	60.2	---	60.2	6.28E+07	60.2
194	14-Sep-16	20:48:03	60.3	63.6	57.1	84.8	60.3	---	60.3	6.43E+07	60.3
195	14-Sep-16	20:49:03	61.3	66.8	56	87.3	61.3	---	61.3	8.09E+07	61.3
196	14-Sep-16	20:50:03	58.6	63	55.8	84.8	58.6	---	58.6	4.35E+07	58.6
197	14-Sep-16	20:51:03	58.8	62.9	54.9	84.1	58.8	---	58.8	4.55E+07	58.8
198	14-Sep-16	20:52:03	59.9	63.6	52.4	87.7	59.9	---	59.9	5.86E+07	59.9
199	14-Sep-16	20:53:03	58.7	62.6	49	87.7	58.7	---	58.7	4.45E+07	58.7
200	14-Sep-16	20:54:03	59.1	64.5	55.4	81.2	59.1	---	59.1	4.88E+07	59.1

201	14-Sep-16	20:55:03	59.1	64	53.7	89.5	59.1	---	59.1	4.88E+07	59.1
202	14-Sep-16	20:56:03	60.1	64.1	54.7	85.3	60.1	---	60.1	6.14E+07	60.1
203	14-Sep-16	20:57:03	59.2	62.3	53.8	84.8	59.2	---	59.2	4.99E+07	59.2
204	14-Sep-16	20:58:03	59	64.6	53.2	85.8	59	---	59	4.77E+07	59.0
205	14-Sep-16	20:59:03	58.3	67.4	52.4	85.3	58.3	---	58.3	4.06E+07	58.3
										3.97E+09	60.4
206	14-Sep-16	21:00:03	58.1	61.6	51.6	86.3	58.1	---	58.1	3.87E+07	58.1
207	14-Sep-16	21:01:03	59.4	62.3	55.6	85.3	59.4	---	59.4	5.23E+07	59.4
208	14-Sep-16	21:02:03	59.8	64	52.8	88.5	59.8	---	59.8	5.73E+07	59.8
209	14-Sep-16	21:03:03	58.6	62.8	52.5	84.8	58.6	---	58.6	4.35E+07	58.6
210	14-Sep-16	21:04:03	57.2	60.6	51.8	80.3	57.2	---	57.2	3.15E+07	57.2
211	14-Sep-16	21:05:03	59.1	65.2	49.9	86.3	59.1	---	59.1	4.88E+07	59.1
212	14-Sep-16	21:06:03	60.6	68.2	55.8	84.8	60.6	---	60.6	6.89E+07	60.6
213	14-Sep-16	21:07:03	59	64.4	54.2	86.3	59	---	59	4.77E+07	59.0
214	14-Sep-16	21:08:03	59	61.7	54.9	88.9	59	---	59	4.77E+07	59.0
215	14-Sep-16	21:09:03	58.2	62.9	52.2	85.8	58.2	---	58.2	3.96E+07	58.2
216	14-Sep-16	21:10:03	59.5	64.3	54.2	88.5	59.5	---	59.5	5.35E+07	59.5
217	14-Sep-16	21:11:03	59.4	65.5	53.6	84.1	59.4	---	59.4	5.23E+07	59.4
218	14-Sep-16	21:12:03	58.6	61.7	55.4	86.3	58.6	---	58.6	4.35E+07	58.6
219	14-Sep-16	21:13:03	59.5	63.1	54.9	84.8	59.5	---	59.5	5.35E+07	59.5
220	14-Sep-16	21:14:03	58.7	63.3	54	84.1	58.7	---	58.7	4.45E+07	58.7
221	14-Sep-16	21:15:03	58.7	63.4	55.2	84.1	58.7	---	58.7	4.45E+07	58.7
222	14-Sep-16	21:16:03	56.8	60	49.5	84.8	56.8	---	56.8	2.87E+07	56.8
223	14-Sep-16	21:17:03	58.7	63.9	52.4	88.1	58.7	---	58.7	4.45E+07	58.7
224	14-Sep-16	21:18:03	58.6	64.2	51.6	84.1	58.6	---	58.6	4.35E+07	58.6
225	14-Sep-16	21:19:03	61.5	70.7	55	88.5	61.5	---	61.5	8.48E+07	61.5
226	14-Sep-16	21:20:03	59.1	64.4	52	91.1	59.1	---	59.1	4.88E+07	59.1
227	14-Sep-16	21:21:03	59.5	65.8	52.1	86.8	59.5	---	59.5	5.35E+07	59.5
228	14-Sep-16	21:22:03	57.9	62.8	52.8	85.3	57.9	---	57.9	3.70E+07	57.9
229	14-Sep-16	21:23:03	59.9	64.7	55.1	87.3	59.9	---	59.9	5.86E+07	59.9
230	14-Sep-16	21:24:03	59.9	64.1	52.9	85.8	59.9	---	59.9	5.86E+07	59.9
231	14-Sep-16	21:25:03	59.2	63.3	54.2	86.8	59.2	---	59.2	4.99E+07	59.2
232	14-Sep-16	21:26:03	59.4	68.8	50.7	85.8	59.4	---	59.4	5.23E+07	59.4
233	14-Sep-16	21:27:03	58.4	63.1	54.2	87.7	58.4	---	58.4	4.15E+07	58.4
234	14-Sep-16	21:28:03	57.5	62.8	52	84.8	57.5	---	57.5	3.37E+07	57.5
235	14-Sep-16	21:29:03	57.7	65.9	50.8	84.1	57.7	---	57.7	3.53E+07	57.7
236	14-Sep-16	21:30:03	59.7	64.6	54.5	86.3	59.7	---	59.7	5.60E+07	59.7
237	14-Sep-16	21:31:03	57.8	63.7	53.9	85.8	57.8	---	57.8	3.62E+07	57.8
238	14-Sep-16	21:32:03	59.5	65.3	51.7	84.8	59.5	---	59.5	5.35E+07	59.5
239	14-Sep-16	21:33:03	59.5	65.9	51.7	85.8	59.5	---	59.5	5.35E+07	59.5
240	14-Sep-16	21:34:03	57	59.3	54.3	82.8	57	---	57	3.01E+07	57.0
241	14-Sep-16	21:35:03	57.9	63.4	53.9	84.8	57.9	---	57.9	3.70E+07	57.9
242	14-Sep-16	21:36:03	58.4	63.6	52.9	86.3	58.4	---	58.4	4.15E+07	58.4
243	14-Sep-16	21:37:03	58.6	63.4	49.7	82.8	58.6	---	58.6	4.35E+07	58.6
244	14-Sep-16	21:38:03	58.4	63.9	53.3	86.8	58.4	---	58.4	4.15E+07	58.4
245	14-Sep-16	21:39:03	59.8	65.1	50.8	86.3	59.8	---	59.8	5.73E+07	59.8
246	14-Sep-16	21:40:03	59.5	67.1	54.7	85.8	59.5	---	59.5	5.35E+07	59.5
247	14-Sep-16	21:41:03	57.5	62.7	52.6	85.8	57.5	---	57.5	3.37E+07	57.5
248	14-Sep-16	21:42:03	59.4	68.5	51.8	86.3	59.4	---	59.4	5.23E+07	59.4
249	14-Sep-16	21:43:03	57.9	63.5	46.8	86.3	57.9	---	57.9	3.70E+07	57.9
250	14-Sep-16	21:44:03	57.6	65.6	46.5	83.5	57.6	---	57.6	3.45E+07	57.6
251	14-Sep-16	21:45:03	59.8	65.4	53.1	89.2	59.8	---	59.8	5.73E+07	59.8
252	14-Sep-16	21:46:03	58.9	64.5	53.6	88.1	58.9	---	58.9	4.66E+07	58.9
253	14-Sep-16	21:47:03	58.4	63.5	53.9	83.5	58.4	---	58.4	4.15E+07	58.4
254	14-Sep-16	21:48:03	58	62.8	52.7	83.5	58	---	58	3.79E+07	58.0
255	14-Sep-16	21:49:03	59.5	64.6	54.1	86.3	59.5	---	59.5	5.35E+07	59.5
256	14-Sep-16	21:50:03	59.1	63.5	54.6	84.1	59.1	---	59.1	4.88E+07	59.1
257	14-Sep-16	21:51:03	58	62.4	51.9	81.2	58	---	58	3.79E+07	58.0
258	14-Sep-16	21:52:03	57.7	63.1	52.6	84.8	57.7	---	57.7	3.53E+07	57.7
259	14-Sep-16	21:53:03	56.6	59.8	50	82.1	56.6	---	56.6	2.74E+07	56.6
260	14-Sep-16	21:54:03	57.6	60.4	52	78.1	57.6	---	57.6	3.45E+07	57.6
261	14-Sep-16	21:55:03	61	71.2	55.8	87.7	61	---	61	7.55E+07	61.0
262	14-Sep-16	21:56:03	60.3	64.8	53.2	86.3	60.3	---	60.3	6.43E+07	60.3
263	14-Sep-16	21:57:03	59.1	64.7	55.7	83.5	59.1	---	59.1	4.88E+07	59.1
264	14-Sep-16	21:58:03	57.6	61.1	52.8	81.2	57.6	---	57.6	3.45E+07	57.6
265	14-Sep-16	21:59:03	57.7	62.3	52.3	88.1	57.7	---	57.7	3.53E+07	57.7
										2.78E+09	58.9
266	14-Sep-16	22:00:03	58	61.5	52.6	82.1	58	---	58	3.79E+07	58.0
267	14-Sep-16	22:01:03	60.2	68	54.8	86.3	60.2	---	60.2	6.28E+07	60.2
268	14-Sep-16	22:02:03	58.3	63.5	55	82.8	58.3	---	58.3	4.06E+07	58.3
269	14-Sep-16	22:03:03	59	64.2	53.2	83.5	59	---	59	4.77E+07	59.0
270	14-Sep-16	22:04:03	59.2	64.2	55	88.9	59.2	---	59.2	4.99E+07	59.2
271	14-Sep-16	22:05:03	59.6	63.3	55.2	87.3	59.6	---	59.6	5.47E+07	59.6
272	14-Sep-16	22:06:03	60.2	65.7	53.2	85.8	60.2	---	60.2	6.28E+07	60.2
273	14-Sep-16	22:07:03	59.5	63.1	55.3	89.2	59.5	---	59.5	5.35E+07	59.5
274	14-Sep-16	22:08:03	58.1	63.3	52.9	81.2	58.1	---	58.1	3.87E+07	58.1
275	14-Sep-16	22:09:03	60.6	68.1	54.5	86.3	60.6	---	60.6	6.89E+07	60.6
276	14-Sep-16	22:10:03	59.1	61.9	54.2	82.1	59.1	---	59.1	4.88E+07	59.1
277	14-Sep-16	22:11:03	60	65.6	54.5	82.1	60	---	60	6.00E+07	60.0
278	14-Sep-16	22:12:03	61.7	66.9	55	86.3	61.7	---	61.7	8.87E+07	61.7
279	14-Sep-16	22:13:03	58.7	60.5	53.9	80.3	58.7	---	58.7	4.45E+07	58.7
280	14-Sep-16	22:14:03	60.7	65.1	53.6	85.3	60.7	---	60.7	7.05E+07	60.7

281	14-Sep-16	22:15:03	60.3	64.6	54.3	82.1	60.3	---	60.3	6.43E+07	60.3
282	14-Sep-16	22:16:03	59.6	63.9	56.1	83.5	59.6	---	59.6	5.47E+07	59.6
283	14-Sep-16	22:17:03	60.6	64.3	55.6	82.1	60.6	---	60.6	6.89E+07	60.6
284	14-Sep-16	22:18:03	65.2	74.4	57.8	89.5	65.2	---	65.2	1.99E+08	65.2
285	14-Sep-16	22:19:03	59.7	65.2	54.1	84.1	59.7	---	59.7	5.60E+07	59.7
286	14-Sep-16	22:20:03	61.1	63.3	56.7	82.8	61.1	---	61.1	7.73E+07	61.1
287	14-Sep-16	22:21:03	61.3	65.7	55.5	86.8	61.3	---	61.3	8.09E+07	61.3
288	14-Sep-16	22:22:03	58.4	60.9	54	82.1	58.4	---	58.4	4.15E+07	58.4
289	14-Sep-16	22:23:03	61.3	68	54.6	87.7	61.3	---	61.3	8.09E+07	61.3
290	14-Sep-16	22:24:03	60	68.7	52.8	85.3	60	---	60	6.00E+07	60.0
291	14-Sep-16	22:25:03	59.1	64	50.8	81.2	59.1	---	59.1	4.88E+07	59.1
292	14-Sep-16	22:26:03	60.7	65.7	49.4	86.8	60.7	---	60.7	7.05E+07	60.7
293	14-Sep-16	22:27:03	59.6	65.7	54.2	88.1	59.6	---	59.6	5.47E+07	59.6
294	14-Sep-16	22:28:03	58	60.9	53.9	84.1	58	---	58	3.79E+07	58.0
295	14-Sep-16	22:29:03	59	63	53.6	82.1	59	---	59	4.77E+07	59.0
296	14-Sep-16	22:30:03	58.3	62.1	48.6	85.3	58.3	---	58.3	4.06E+07	58.3
297	14-Sep-16	22:31:03	58.4	60.9	48	81.2	58.4	---	58.4	4.15E+07	58.4
298	14-Sep-16	22:32:03	57.9	61.6	50.9	85.3	57.9	---	57.9	3.70E+07	57.9
299	14-Sep-16	22:33:03	56.7	60.7	49.8	82.1	56.7	---	56.7	2.81E+07	56.7
300	14-Sep-16	22:34:03	55.6	60.1	48.4	81.2	55.6	---	55.6	2.18E+07	55.6
301	14-Sep-16	22:35:03	57.7	62	54.3	82.8	57.7	---	57.7	3.53E+07	57.7
302	14-Sep-16	22:36:03	58.4	62.8	51.9	85.8	58.4	---	58.4	4.15E+07	58.4
303	14-Sep-16	22:37:03	59.1	63.8	54.5	82.1	59.1	---	59.1	4.88E+07	59.1
304	14-Sep-16	22:38:03	59.7	64.9	52.1	82.8	59.7	---	59.7	5.60E+07	59.7
305	14-Sep-16	22:39:03	56.8	63.4	52.5	84.1	56.8	---	56.8	2.87E+07	56.8
306	14-Sep-16	22:40:03	58.3	64.7	52.7	82.8	58.3	---	58.3	4.06E+07	58.3
307	14-Sep-16	22:41:03	59	66.1	55.2	88.9	59	---	59	4.77E+07	59.0
308	14-Sep-16	22:42:03	56.8	60.1	49.6	81.2	56.8	---	56.8	2.87E+07	56.8
309	14-Sep-16	22:43:03	55.6	60.4	49.7	80.3	55.6	---	55.6	2.18E+07	55.6
310	14-Sep-16	22:44:03	57.1	60.5	52.6	88.5	57.1	---	57.1	3.08E+07	57.1
311	14-Sep-16	22:45:03	57.9	61.6	54.4	84.8	57.9	---	57.9	3.70E+07	57.9
312	14-Sep-16	22:46:03	58.1	61.5	53.4	83.5	58.1	---	58.1	3.87E+07	58.1
313	14-Sep-16	22:47:03	57	62.3	47.1	83.5	57	---	57	3.01E+07	57.0
314	14-Sep-16	22:48:03	57.9	64.1	48.4	88.1	57.9	---	57.9	3.70E+07	57.9
315	14-Sep-16	22:49:03	57.9	63.8	51.7	84.1	57.9	---	57.9	3.70E+07	57.9
316	14-Sep-16	22:50:03	57	63.2	48	82.1	57	---	57	3.01E+07	57.0
317	14-Sep-16	22:51:03	62.8	74.8	51.7	91.6	62.8	---	62.8	1.14E+08	62.8
318	14-Sep-16	22:52:03	57.3	61.3	53.3	82.8	57.3	---	57.3	3.22E+07	57.3
319	14-Sep-16	22:53:03	58.1	60.7	52	79.3	58.1	---	58.1	3.87E+07	58.1
320	14-Sep-16	22:54:03	56.9	61.3	53.1	82.1	56.9	---	56.9	2.94E+07	56.9
321	14-Sep-16	22:55:03	61.3	72.2	50.3	91.6	61.3	---	61.3	8.09E+07	61.3
322	14-Sep-16	22:56:03	57	62.8	50	84.1	57	---	57	3.01E+07	57.0
323	14-Sep-16	22:57:03	55.1	61	45.6	86.3	55.1	---	55.1	1.94E+07	55.1
324	14-Sep-16	22:58:03	57.3	63.1	48.7	85.3	57.3	---	57.3	3.22E+07	57.3
325	14-Sep-16	22:59:03	55.9	60.4	51.1	82.1	55.9	---	55.9	2.33E+07	55.9
										3.03E+09	59.3

326	14-Sep-16	23:00:03	59.1	62.9	53.2	90.2	59.1	---	59.1	4.88E+07	59.1
327	14-Sep-16	23:01:03	58.6	66.2	52.2	82.8	58.6	---	58.6	4.35E+07	58.6
328	14-Sep-16	23:02:03	57.2	61.7	53.9	81.2	57.2	---	57.2	3.15E+07	57.2
329	14-Sep-16	23:03:03	62.3	74.3	48.5	91.3	62.3	---	62.3	1.02E+08	62.3
330	14-Sep-16	23:04:03	57.7	62.4	51.2	82.8	57.7	---	57.7	3.53E+07	57.7
331	14-Sep-16	23:05:03	55	58.5	49.9	78.1	55	---	55	1.90E+07	55.0
332	14-Sep-16	23:06:03	56.4	61.9	46.3	86.8	56.4	---	56.4	2.62E+07	56.4
333	14-Sep-16	23:07:03	58.2	67	53	87.7	58.2	---	58.2	3.96E+07	58.2
334	14-Sep-16	23:08:03	55.1	60.8	51.6	85.3	55.1	---	55.1	1.94E+07	55.1
335	14-Sep-16	23:09:03	57.3	64.4	46.3	84.8	57.3	---	57.3	3.22E+07	57.3
336	14-Sep-16	23:10:03	56.8	62.9	50.5	85.3	56.8	---	56.8	2.87E+07	56.8
337	14-Sep-16	23:11:03	56.1	59.4	52.4	81.2	56.1	---	56.1	2.44E+07	56.1
338	14-Sep-16	23:12:03	55.4	60.5	50.6	84.8	55.4	---	55.4	2.08E+07	55.4
339	14-Sep-16	23:13:03	56	61.3	48.8	81.2	56	---	56	2.39E+07	56.0
340	14-Sep-16	23:14:03	54.9	60.3	46.4	86.3	54.9	---	54.9	1.85E+07	54.9
341	14-Sep-16	23:15:03	54.7	57.7	51.2	76.8	54.7	---	54.7	1.77E+07	54.7
342	14-Sep-16	23:16:03	56.3	61.6	48.5	81.2	56.3	---	56.3	2.56E+07	56.3
343	14-Sep-16	23:17:03	55.8	58.6	51.1	78.1	55.8	---	55.8	2.28E+07	55.8
344	14-Sep-16	23:18:03	56.7	60.7	50	82.8	56.7	---	56.7	2.81E+07	56.7
345	14-Sep-16	23:19:03	57.6	61.6	49.7	80.3	57.6	---	57.6	3.45E+07	57.6
346	14-Sep-16	23:20:03	56.9	61.4	51.3	80.3	56.9	---	56.9	2.94E+07	56.9
347	14-Sep-16	23:21:03	55.8	59.6	51.3	82.1	55.8	---	55.8	2.28E+07	55.8
348	14-Sep-16	23:22:03	57.7	63.8	51.6	86.3	57.7	---	57.7	3.53E+07	57.7
349	14-Sep-16	23:23:03	56.4	60.7	52.7	84.8	56.4	---	56.4	2.62E+07	56.4
350	14-Sep-16	23:24:03	55	60.1	43.8	82.8	55	---	55	1.90E+07	55.0
351	14-Sep-16	23:25:03	55.9	60.5	45.2	82.8	55.9	---	55.9	2.33E+07	55.9
352	14-Sep-16	23:26:03	57.9	64.7	49.3	84.1	57.9	---	57.9	3.70E+07	57.9
353	14-Sep-16	23:27:03	54.5	58.8	46.1	78.1	54.5	---	54.5	1.69E+07	54.5
354	14-Sep-16	23:28:03	55.6	61.6	50.8	82.8	55.6	---	55.6	2.18E+07	55.6
355	14-Sep-16	23:29:03	55.5	60.8	49.9	83.5	55.5	---	55.5	2.13E+07	55.5
356	14-Sep-16	23:30:03	53.9	59.5	44.4	79.3	53.9	---	53.9	1.47E+07	53.9
357	14-Sep-16	23:31:03	57.3	62.3	45.2	84.8	57.3	---	57.3	3.22E+07	57.3
358	14-Sep-16	23:32:03	54	59	44.2	79.3	54	---	54	1.51E+07	54.0
359	14-Sep-16	23:33:03	56.5	60.7	49	84.1	56.5	---	56.5	2.68E+07	56.5
360	14-Sep-16	23:34:03	55.4	61.5	46.7	79.3	55.4	---	55.4	2.08E+07	55.4
361	14-Sep-16	23:35:03	56.4	59.7	52.3	79.3	56.4	---	56.4	2.62E+07	56.4
362	14-Sep-16	23:36:03	55.9	64.5	47.7	81.2	55.9	---	55.9	2.33E+07	55.9
363	14-Sep-16	23:37:03	55.3	58.3	47.9	79.3	55.3	---	55.3	2.03E+07	55.3

364	14-Sep-16	23:38:03	56.8	63.4	46.2	81.2	56.8	---	56.8	2.87E+07	56.8
365	14-Sep-16	23:39:03	55.6	62.3	46.5	86.8	55.6	---	55.6	2.18E+07	55.6
366	14-Sep-16	23:40:03	58.8	65	49	84.8	58.8	---	58.8	4.55E+07	58.8
367	14-Sep-16	23:41:03	56.1	60.5	48.7	85.3	56.1	---	56.1	2.44E+07	56.1
368	14-Sep-16	23:42:03	55.9	59.5	49.9	86.8	55.9	---	55.9	2.33E+07	55.9
369	14-Sep-16	23:43:03	56.3	62.1	50.8	82.1	56.3	---	56.3	2.56E+07	56.3
370	14-Sep-16	23:44:03	56.1	61.8	46.3	79.3	56.1	---	56.1	2.44E+07	56.1
371	14-Sep-16	23:45:03	54.3	59.7	46.8	82.8	54.3	---	54.3	1.61E+07	54.3
372	14-Sep-16	23:46:03	55.6	60.5	47.1	80.3	55.6	---	55.6	2.18E+07	55.6
373	14-Sep-16	23:47:03	56.9	62.8	51.7	82.1	56.9	---	56.9	2.94E+07	56.9
374	14-Sep-16	23:48:03	54.5	58.8	48.3	81.2	54.5	---	54.5	1.69E+07	54.5
375	14-Sep-16	23:49:03	55.9	60.9	47.6	83.5	55.9	---	55.9	2.33E+07	55.9
376	14-Sep-16	23:50:03	54.8	59.4	46.7	82.1	54.8	---	54.8	1.81E+07	54.8
377	14-Sep-16	23:51:03	55	59.9	44.2	82.8	55	---	55	1.90E+07	55.0
378	14-Sep-16	23:52:03	56.1	61.9	51.3	82.8	56.1	---	56.1	2.44E+07	56.1
379	14-Sep-16	23:53:03	56.8	63.3	48.2	84.1	56.8	---	56.8	2.87E+07	56.8
380	14-Sep-16	23:54:03	51.2	57.1	43.3	75.2	51.2	---	51.2	7.91E+06	51.2
381	14-Sep-16	23:55:03	55.4	59.4	47.1	83.5	55.4	---	55.4	2.08E+07	55.4
382	14-Sep-16	23:56:03	56.3	63.3	43.7	84.1	56.3	---	56.3	2.56E+07	56.3
383	14-Sep-16	23:57:03	57.5	63.2	50.4	82.8	57.5	---	57.5	3.37E+07	57.5
384	14-Sep-16	23:58:03	54.4	62	47.8	83.5	54.4	---	54.4	1.65E+07	54.4
385	14-Sep-16	23:59:03	55.8	59.5	52.9	82.8	55.8	---	55.8	2.28E+07	55.8
										1.59E+09	56.5
386	15-Sep-16	0:00:03	56.2	61	46.9	83.5	56.2	---	56.2	2.50E+07	56.2
387	15-Sep-16	0:01:03	53.3	58.5	47.7	78.1	53.3	---	53.3	1.28E+07	53.3
388	15-Sep-16	0:02:03	56.3	60.9	50.3	82.1	56.3	---	56.3	2.56E+07	56.3
389	15-Sep-16	0:03:03	58.4	64.9	53.2	81.2	58.4	---	58.4	4.15E+07	58.4
390	15-Sep-16	0:04:03	56.7	60.5	53.1	81.2	56.7	---	56.7	2.81E+07	56.7
391	15-Sep-16	0:05:03	54.5	58.7	43.5	85.3	54.5	---	54.5	1.69E+07	54.5
392	15-Sep-16	0:06:03	56.9	64.6	49.5	85.8	56.9	---	56.9	2.94E+07	56.9
393	15-Sep-16	0:07:03	55.9	62.2	46.2	86.3	55.9	---	55.9	2.33E+07	55.9
394	15-Sep-16	0:08:03	55.6	60	48.8	82.8	55.6	---	55.6	2.18E+07	55.6
395	15-Sep-16	0:09:03	54.1	58.5	48.7	82.8	54.1	---	54.1	1.54E+07	54.1
396	15-Sep-16	0:10:03	54.5	58.3	49.9	76.8	54.5	---	54.5	1.69E+07	54.5
397	15-Sep-16	0:11:03	54.2	59.7	48.7	79.3	54.2	---	54.2	1.58E+07	54.2
398	15-Sep-16	0:12:03	54.7	59.9	45.1	83.5	54.7	---	54.7	1.77E+07	54.7
399	15-Sep-16	0:13:03	55.9	59.8	51.3	82.8	55.9	---	55.9	2.33E+07	55.9
400	15-Sep-16	0:14:03	58.2	66.3	49.6	88.1	58.2	---	58.2	3.96E+07	58.2
401	15-Sep-16	0:15:03	57.1	64.4	45.8	87.7	57.1	---	57.1	3.08E+07	57.1
402	15-Sep-16	0:16:03	56.9	63.7	43.9	84.8	56.9	---	56.9	2.94E+07	56.9
403	15-Sep-16	0:17:03	55.4	60.4	47.3	83.5	55.4	---	55.4	2.08E+07	55.4
404	15-Sep-16	0:18:03	55	59	48.1	85.3	55	---	55	1.90E+07	55.0
405	15-Sep-16	0:19:03	54.9	59	44.6	80.3	54.9	---	54.9	1.85E+07	54.9
406	15-Sep-16	0:20:03	57	64	45.6	86.3	57	---	57	3.01E+07	57.0
407	15-Sep-16	0:21:03	53.6	59	46.8	76.8	53.6	---	53.6	1.37E+07	53.6
408	15-Sep-16	0:22:03	54.1	59.9	48.3	83.5	54.1	---	54.1	1.54E+07	54.1
409	15-Sep-16	0:23:03	55.6	63.6	46.4	80.3	55.6	---	55.6	2.18E+07	55.6
410	15-Sep-16	0:24:03	57.4	64.9	47.7	82.1	57.4	---	57.4	3.30E+07	57.4
411	15-Sep-16	0:25:03	54.9	60.8	43.6	82.1	54.9	---	54.9	1.85E+07	54.9
412	15-Sep-16	0:26:03	53.6	60.2	46.4	82.1	53.6	---	53.6	1.37E+07	53.6
413	15-Sep-16	0:27:03	54.3	61.3	45.5	80.3	54.3	---	54.3	1.61E+07	54.3
414	15-Sep-16	0:28:03	55.2	63.6	44.7	83.5	55.2	---	55.2	1.99E+07	55.2
415	15-Sep-16	0:29:03	51.6	56.3	47.7	73.3	51.6	---	51.6	8.67E+06	51.6
416	15-Sep-16	0:30:03	56.2	59.3	49.8	83.5	56.2	---	56.2	2.50E+07	56.2
417	15-Sep-16	0:31:03	54.7	62.3	45.5	83.5	54.7	---	54.7	1.77E+07	54.7
418	15-Sep-16	0:32:03	54	60.8	45.6	79.3	54	---	54	1.51E+07	54.0
419	15-Sep-16	0:33:03	56.1	62.8	47.7	82.1	56.1	---	56.1	2.44E+07	56.1
420	15-Sep-16	0:34:03	53.2	59.6	45.1	86.3	53.2	---	53.2	1.25E+07	53.2
421	15-Sep-16	0:35:03	58.6	70.3	46.6	85.8	58.6	---	58.6	4.35E+07	58.6
422	15-Sep-16	0:36:03	50.4	55.6	42	73.3	50.4	---	50.4	6.58E+06	50.4
423	15-Sep-16	0:37:03	54.8	59.4	45.7	83.5	54.8	---	54.8	1.81E+07	54.8
424	15-Sep-16	0:38:03	55.4	63.5	45.3	84.8	55.4	---	55.4	2.08E+07	55.4
425	15-Sep-16	0:39:03	55.7	63.3	46.4	84.1	55.7	---	55.7	2.23E+07	55.7
426	15-Sep-16	0:40:03	53.7	59.3	43.4	80.3	53.7	---	53.7	1.41E+07	53.7
427	15-Sep-16	0:41:03	54.3	64.2	46.1	80.3	54.3	---	54.3	1.61E+07	54.3
428	15-Sep-16	0:42:03	55.2	62.8	42.3	84.8	55.2	---	55.2	1.99E+07	55.2
429	15-Sep-16	0:43:03	54.5	58.7	46	81.2	54.5	---	54.5	1.69E+07	54.5
430	15-Sep-16	0:44:03	55	61.1	47.6	83.5	55	---	55	1.90E+07	55.0
431	15-Sep-16	0:45:03	58.8	66.1	51	86.3	58.8	---	58.8	4.55E+07	58.8
432	15-Sep-16	0:46:03	57.4	64.6	48.2	82.1	57.4	---	57.4	3.30E+07	57.4
433	15-Sep-16	0:47:03	53.7	60.1	47.3	82.8	53.7	---	53.7	1.41E+07	53.7
434	15-Sep-16	0:48:03	54.8	60.6	47.5	85.8	54.8	---	54.8	1.81E+07	54.8
435	15-Sep-16	0:49:03	54.4	59	46.5	78.1	54.4	---	54.4	1.65E+07	54.4
436	15-Sep-16	0:50:03	52.1	58.6	41.2	76.8	52.1	---	52.1	9.73E+06	52.1
437	15-Sep-16	0:51:03	54.4	59.6	45.2	82.8	54.4	---	54.4	1.65E+07	54.4
438	15-Sep-16	0:52:03	54.5	61.5	41.6	84.1	54.5	---	54.5	1.69E+07	54.5
439	15-Sep-16	0:53:03	54.9	63.5	42.8	79.3	54.9	---	54.9	1.85E+07	54.9
440	15-Sep-16	0:54:03	52.4	58.3	40.4	80.3	52.4	---	52.4	1.04E+07	52.4
441	15-Sep-16	0:55:03	55.9	58.9	49.9	79.3	55.9	---	55.9	2.33E+07	55.9
442	15-Sep-16	0:56:03	57.9	66.5	49.7	81.2	57.9	---	57.9	3.70E+07	57.9
443	15-Sep-16	0:57:03	56.2	61.3	50	85.8	56.2	---	56.2	2.50E+07	56.2
444	15-Sep-16	0:58:03	57.1	63.5	46.8	83.5	57.1	---	57.1	3.08E+07	57.1
445	15-Sep-16	0:59:03	52.3	60.3	42.2	78.1	52.3	---	52.3	1.02E+07	52.3
										1.28E+09	55.5

446	15-Sep-16	1:00:03	57.3	64.5	44.3	87.7	57.3	---	57.3	3.22E+07	57.3
447	15-Sep-16	1:01:03	55.7	63.9	44.5	84.1	55.7	---	55.7	2.23E+07	55.7
448	15-Sep-16	1:02:03	54	61.6	47.6	83.5	54	---	54	1.51E+07	54.0
449	15-Sep-16	1:03:03	55	61.1	45.8	83.5	55	---	55	1.90E+07	55.0
450	15-Sep-16	1:04:03	52.2	60.4	42.8	78.1	52.2	---	52.2	9.96E+06	52.2
451	15-Sep-16	1:05:03	54	59.7	42.7	81.2	54	---	54	1.51E+07	54.0
452	15-Sep-16	1:06:03	54.5	60.7	42.4	85.3	54.5	---	54.5	1.69E+07	54.5
453	15-Sep-16	1:07:03	54.1	58.5	46.7	81.2	54.1	---	54.1	1.54E+07	54.1
454	15-Sep-16	1:08:03	55.4	64.7	43.6	87.3	55.4	---	55.4	2.08E+07	55.4
455	15-Sep-16	1:09:03	53.1	58.2	42.6	79.3	53.1	---	53.1	1.23E+07	53.1
456	15-Sep-16	1:10:03	55.6	61.7	42.4	84.8	55.6	---	55.6	2.18E+07	55.6
457	15-Sep-16	1:11:03	53.4	57.3	46.9	84.8	53.4	---	53.4	1.31E+07	53.4
458	15-Sep-16	1:12:03	51.5	56	42.3	76.8	51.5	---	51.5	8.48E+06	51.5
459	15-Sep-16	1:13:03	55.6	64.2	44.3	85.8	55.6	---	55.6	2.18E+07	55.6
460	15-Sep-16	1:14:03	53.8	59.2	44.3	78.1	53.8	---	53.8	1.44E+07	53.8
461	15-Sep-16	1:15:03	56.7	63	45.1	82.1	56.7	---	56.7	2.81E+07	56.7
462	15-Sep-16	1:16:03	56.6	64.4	43.7	82.1	56.6	---	56.6	2.74E+07	56.6
463	15-Sep-16	1:17:03	54.2	58.2	45.3	82.1	54.2	---	54.2	1.58E+07	54.2
464	15-Sep-16	1:18:03	53.2	58.9	41.6	80.3	53.2	---	53.2	1.25E+07	53.2
465	15-Sep-16	1:19:03	53.7	60.9	45.8	79.3	53.7	---	53.7	1.41E+07	53.7
466	15-Sep-16	1:20:03	54.1	60.7	42.6	79.3	54.1	---	54.1	1.54E+07	54.1
467	15-Sep-16	1:21:03	54.8	60.5	41	81.2	54.8	---	54.8	1.81E+07	54.8
468	15-Sep-16	1:22:03	50.5	56.5	41	73.3	50.5	---	50.5	6.73E+06	50.5
469	15-Sep-16	1:23:03	56.5	62.9	42.3	88.9	56.5	---	56.5	2.68E+07	56.5
470	15-Sep-16	1:24:03	54.2	62.9	41.4	79.3	54.2	---	54.2	1.58E+07	54.2
471	15-Sep-16	1:25:03	53	61.9	38.1	85.8	53	---	53	1.20E+07	53.0
472	15-Sep-16	1:26:03	50.9	58.3	41.3	80.3	50.9	---	50.9	7.38E+06	50.9
473	15-Sep-16	1:27:03	53.5	57.9	41.8	79.3	53.5	---	53.5	1.34E+07	53.5
474	15-Sep-16	1:28:03	54.8	63	42.5	82.1	54.8	---	54.8	1.81E+07	54.8
475	15-Sep-16	1:29:03	50.6	56	42.6	73.3	50.6	---	50.6	6.89E+06	50.6
476	15-Sep-16	1:30:03	49.5	55.7	38.9	79.3	49.5	---	49.5	5.35E+06	49.5
477	15-Sep-16	1:31:03	57.7	63.3	49.1	85.3	57.7	---	57.7	3.53E+07	57.7
478	15-Sep-16	1:32:03	54.7	59.4	43.2	88.1	54.7	---	54.7	1.77E+07	54.7
479	15-Sep-16	1:33:03	56.1	63.5	42.3	84.8	56.1	---	56.1	2.44E+07	56.1
480	15-Sep-16	1:34:03	52.2	58.2	43	78.1	52.2	---	52.2	9.96E+06	52.2
481	15-Sep-16	1:35:03	49.9	57.5	39.5	81.2	49.9	---	49.9	5.86E+06	49.9
482	15-Sep-16	1:36:03	52.8	61.3	43.9	82.1	52.8	---	52.8	1.14E+07	52.8
483	15-Sep-16	1:37:03	52.7	61.7	40.1	82.1	52.7	---	52.7	1.12E+07	52.7
484	15-Sep-16	1:38:03	52.1	60.4	43.4	83.5	52.1	---	52.1	9.73E+06	52.1
485	15-Sep-16	1:39:03	53.3	59.5	45.6	80.3	53.3	---	53.3	1.28E+07	53.3
486	15-Sep-16	1:40:03	52.8	61.8	41.9	79.3	52.8	---	52.8	1.14E+07	52.8
487	15-Sep-16	1:41:03	55.8	66.5	43.5	84.1	55.8	---	55.8	2.28E+07	55.8
488	15-Sep-16	1:42:03	53.7	59.2	44.9	80.3	53.7	---	53.7	1.41E+07	53.7
489	15-Sep-16	1:43:03	54.4	62.9	41.4	79.3	54.4	---	54.4	1.65E+07	54.4
490	15-Sep-16	1:44:03	49.4	57.4	38.2	84.8	49.4	---	49.4	5.23E+06	49.4
491	15-Sep-16	1:45:03	54	60.4	46.6	81.2	54	---	54	1.51E+07	54.0
492	15-Sep-16	1:46:03	53	60.3	43.5	83.5	53	---	53	1.20E+07	53.0
493	15-Sep-16	1:47:03	55.1	62.6	41.4	83.5	55.1	---	55.1	1.94E+07	55.1
494	15-Sep-16	1:48:03	54.3	59.3	46.8	80.3	54.3	---	54.3	1.61E+07	54.3
495	15-Sep-16	1:49:03	54	60.7	44.9	79.3	54	---	54	1.51E+07	54.0
496	15-Sep-16	1:50:03	55.7	61.5	41.3	82.8	55.7	---	55.7	2.23E+07	55.7
497	15-Sep-16	1:51:03	53.4	59.9	40.9	81.2	53.4	---	53.4	1.31E+07	53.4
498	15-Sep-16	1:52:03	59.9	68.2	48.1	83.5	59.9	---	59.9	5.86E+07	59.9
499	15-Sep-16	1:53:03	52.4	57.6	41.2	80.3	52.4	---	52.4	1.04E+07	52.4
500	15-Sep-16	1:54:03	54.3	59.6	44.9	83.5	54.3	---	54.3	1.61E+07	54.3
501	15-Sep-16	1:55:03	53.5	60.3	47.1	87.3	53.5	---	53.5	1.34E+07	53.5
502	15-Sep-16	1:56:03	54.5	63.2	46.1	81.2	54.5	---	54.5	1.69E+07	54.5
503	15-Sep-16	1:57:03	55	60.9	45	84.1	55	---	55	1.90E+07	55.0
504	15-Sep-16	1:58:03	54.3	58.3	46.3	81.2	54.3	---	54.3	1.61E+07	54.3
505	15-Sep-16	1:59:03	55.6	60.6	45.5	83.5	55.6	---	55.6	2.18E+07	55.6
										9.96E+08	54.4
506	15-Sep-16	2:00:03	57.7	66.5	40	84.1	57.7	---	57.7	3.53E+07	57.7
507	15-Sep-16	2:01:03	52.6	60.2	40.5	81.2	52.6	---	52.6	1.09E+07	52.6
508	15-Sep-16	2:02:03	56	64.8	46.7	81.2	56	---	56	2.39E+07	56.0
509	15-Sep-16	2:03:03	55.2	59.4	44.3	84.1	55.2	---	55.2	1.99E+07	55.2
510	15-Sep-16	2:04:03	49	56.6	39.3	85.3	49	---	49	4.77E+06	49.0
511	15-Sep-16	2:05:03	51.2	59	38.8	76.8	51.2	---	51.2	7.91E+06	51.2
512	15-Sep-16	2:06:03	53.9	60.3	40.6	83.5	53.9	---	53.9	1.47E+07	53.9
513	15-Sep-16	2:07:03	51.8	58.5	41.9	84.1	51.8	---	51.8	9.08E+06	51.8
514	15-Sep-16	2:08:03	51.3	58.2	40.8	76.8	51.3	---	51.3	8.09E+06	51.3
515	15-Sep-16	2:09:03	54	59.3	39	79.3	54	---	54	1.51E+07	54.0
516	15-Sep-16	2:10:03	57.9	67.2	48.5	85.3	57.9	---	57.9	3.70E+07	57.9
517	15-Sep-16	2:11:03	52.9	60.5	40.5	84.1	52.9	---	52.9	1.17E+07	52.9
518	15-Sep-16	2:12:03	54.3	60.2	41.5	82.8	54.3	---	54.3	1.61E+07	54.3
519	15-Sep-16	2:13:03	53	59.6	42.4	81.2	53	---	53	1.20E+07	53.0
520	15-Sep-16	2:14:03	51.4	60.8	42	84.1	51.4	---	51.4	8.28E+06	51.4
521	15-Sep-16	2:15:03	51.9	58.3	39.4	78.1	51.9	---	51.9	9.29E+06	51.9
522	15-Sep-16	2:16:03	55.9	65.5	41.1	79.3	55.9	---	55.9	2.33E+07	55.9
523	15-Sep-16	2:17:03	54.7	65	39.2	86.8	54.7	---	54.7	1.77E+07	54.7
524	15-Sep-16	2:18:03	52	57.4	40.5	81.2	52	---	52	9.51E+06	52.0
525	15-Sep-16	2:19:03	55.1	63.8	42.1	79.3	55.1	---	55.1	1.94E+07	55.1
526	15-Sep-16	2:20:03	57.6	62.5	49.4	83.5	57.6	---	57.6	3.45E+07	57.6

527	15-Sep-16	2:21:03	54.8	61.5	42.1	88.5	54.8	---	54.8	1.81E+07	54.8
528	15-Sep-16	2:22:03	57.2	63.5	45.4	85.8	57.2	---	57.2	3.15E+07	57.2
529	15-Sep-16	2:23:03	54.6	61.7	44.1	80.3	54.6	---	54.6	1.73E+07	54.6
530	15-Sep-16	2:24:03	54	58.2	44.4	80.3	54	---	54	1.51E+07	54.0
531	15-Sep-16	2:25:03	54	61.4	44.2	80.3	54	---	54	1.51E+07	54.0
532	15-Sep-16	2:26:03	54	63.9	39.6	82.8	54	---	54	1.51E+07	54.0
533	15-Sep-16	2:27:03	50.8	57	38.8	84.1	50.8	---	50.8	7.21E+06	50.8
534	15-Sep-16	2:28:03	54.2	61.6	44	85.3	54.2	---	54.2	1.58E+07	54.2
535	15-Sep-16	2:29:03	58.1	62.7	52.2	86.8	58.1	---	58.1	3.87E+07	58.1
536	15-Sep-16	2:30:03	53.1	61.3	42.4	82.8	53.1	---	53.1	1.23E+07	53.1
537	15-Sep-16	2:31:03	54	60.8	41	84.1	54	---	54	1.51E+07	54.0
538	15-Sep-16	2:32:03	54.4	63.1	44.5	86.8	54.4	---	54.4	1.65E+07	54.4
539	15-Sep-16	2:33:03	52.2	56.3	42.6	78.1	52.2	---	52.2	9.96E+06	52.2
540	15-Sep-16	2:34:03	52.2	57.6	39.8	81.2	52.2	---	52.2	9.96E+06	52.2
541	15-Sep-16	2:35:03	52.6	59.4	44.2	80.3	52.6	---	52.6	1.09E+07	52.6
542	15-Sep-16	2:36:03	53.7	62.7	42.1	82.1	53.7	---	53.7	1.41E+07	53.7
543	15-Sep-16	2:37:03	51.6	56.3	43.5	76.8	51.6	---	51.6	8.67E+06	51.6
544	15-Sep-16	2:38:03	53.4	60.4	39.2	83.5	53.4	---	53.4	1.31E+07	53.4
545	15-Sep-16	2:39:03	52.3	61.2	41.5	82.1	52.3	---	52.3	1.02E+07	52.3
546	15-Sep-16	2:40:03	55	60.4	46.5	84.8	55	---	55	1.90E+07	55.0
547	15-Sep-16	2:41:03	54.4	60.5	44.7	82.8	54.4	---	54.4	1.65E+07	54.4
548	15-Sep-16	2:42:03	54.2	61.1	44.1	84.1	54.2	---	54.2	1.58E+07	54.2
549	15-Sep-16	2:43:03	60.1	67	48.4	84.1	60.1	---	60.1	6.14E+07	60.1
550	15-Sep-16	2:44:03	55.8	60.4	44.8	81.2	55.8	---	55.8	2.28E+07	55.8
551	15-Sep-16	2:45:03	57.2	68.5	43.7	91.3	57.2	---	57.2	3.15E+07	57.2
552	15-Sep-16	2:46:03	55.8	62.1	40.7	81.2	55.8	---	55.8	2.28E+07	55.8
553	15-Sep-16	2:47:03	55.1	58.9	42.5	78.1	55.1	---	55.1	1.94E+07	55.1
554	15-Sep-16	2:48:03	56.5	63.1	41.4	85.8	56.5	---	56.5	2.68E+07	56.5
555	15-Sep-16	2:49:03	54.9	58.9	46.6	84.1	54.9	---	54.9	1.85E+07	54.9
556	15-Sep-16	2:50:03	56.3	62	47.7	84.8	56.3	---	56.3	2.56E+07	56.3
557	15-Sep-16	2:51:03	55.9	62.3	41.8	85.3	55.9	---	55.9	2.33E+07	55.9
558	15-Sep-16	2:52:03	57.6	66.8	45.9	90.5	57.6	---	57.6	3.45E+07	57.6
559	15-Sep-16	2:53:03	53	58.2	45	83.5	53	---	53	1.20E+07	53.0
560	15-Sep-16	2:54:03	53.9	58.7	44.1	86.3	53.9	---	53.9	1.47E+07	53.9
561	15-Sep-16	2:55:03	55.9	62.8	46.7	85.8	55.9	---	55.9	2.33E+07	55.9
562	15-Sep-16	2:56:03	53.1	59.3	45.3	80.3	53.1	---	53.1	1.23E+07	53.1
563	15-Sep-16	2:57:03	57.7	65.7	44.8	84.1	57.7	---	57.7	3.53E+07	57.7
564	15-Sep-16	2:58:03	56.3	64.1	42.9	84.1	56.3	---	56.3	2.56E+07	56.3
565	15-Sep-16	2:59:03	55.5	62.7	43.9	86.3	55.5	---	55.5	2.13E+07	55.5
										1.13E+09	55.0

566	15-Sep-16	3:00:03	53.5	59.6	42.5	83.5	53.5	---	53.5	1.34E+07	53.5
567	15-Sep-16	3:01:03	51.6	58.4	43.2	79.3	51.6	---	51.6	8.67E+06	51.6
568	15-Sep-16	3:02:03	58.7	65.9	46.6	88.5	58.7	---	58.7	4.45E+07	58.7
569	15-Sep-16	3:03:03	50.9	56	41.4	85.3	50.9	---	50.9	7.38E+06	50.9
570	15-Sep-16	3:04:03	52.1	58.3	40.9	78.1	52.1	---	52.1	9.73E+06	52.1
571	15-Sep-16	3:05:03	54	59	45.1	83.5	54	---	54	1.51E+07	54.0
572	15-Sep-16	3:06:03	50.9	58.3	42	78.1	50.9	---	50.9	7.38E+06	50.9
573	15-Sep-16	3:07:03	56.2	61.4	43.9	87.3	56.2	---	56.2	2.50E+07	56.2
574	15-Sep-16	3:08:03	59.5	71.1	43.4	92.4	59.5	---	59.5	5.35E+07	59.5
575	15-Sep-16	3:09:03	55.8	63.7	46.3	84.1	55.8	---	55.8	2.28E+07	55.8
576	15-Sep-16	3:10:03	58.3	64.5	48	85.3	58.3	---	58.3	4.06E+07	58.3
577	15-Sep-16	3:11:03	56.8	62.7	46.4	85.3	56.8	---	56.8	2.87E+07	56.8
578	15-Sep-16	3:12:03	54.5	62.5	41.7	79.3	54.5	---	54.5	1.69E+07	54.5
579	15-Sep-16	3:13:03	47.3	54.9	38.9	73.3	47.3	---	47.3	3.22E+06	47.3
580	15-Sep-16	3:14:03	55.8	61.2	39.2	85.3	55.8	---	55.8	2.28E+07	55.8
581	15-Sep-16	3:15:03	50.9	56.6	40.4	80.3	50.9	---	50.9	7.38E+06	50.9
582	15-Sep-16	3:16:03	52.4	59.9	40.2	85.3	52.4	---	52.4	1.04E+07	52.4
583	15-Sep-16	3:17:03	55.3	63.9	39.4	87.7	55.3	---	55.3	2.03E+07	55.3
584	15-Sep-16	3:18:03	55.3	62.6	44	82.8	55.3	---	55.3	2.03E+07	55.3
585	15-Sep-16	3:19:03	55.5	63.2	41.7	82.1	55.5	---	55.5	2.13E+07	55.5
586	15-Sep-16	3:20:03	50.8	58.3	40	76.8	50.8	---	50.8	7.21E+06	50.8
587	15-Sep-16	3:21:03	57.5	63.9	46.1	82.8	57.5	---	57.5	3.37E+07	57.5
588	15-Sep-16	3:22:03	56.6	60.6	51.7	80.3	56.6	---	56.6	2.74E+07	56.6
589	15-Sep-16	3:23:03	56.8	63.7	46.2	84.8	56.8	---	56.8	2.87E+07	56.8
590	15-Sep-16	3:24:03	57.2	65.8	42.1	82.1	57.2	---	57.2	3.15E+07	57.2
591	15-Sep-16	3:25:03	55.2	64	41.9	79.3	55.2	---	55.2	1.99E+07	55.2
592	15-Sep-16	3:26:03	55	62.8	41	85.3	55	---	55	1.90E+07	55.0
593	15-Sep-16	3:27:03	55.5	62.9	40.9	85.8	55.5	---	55.5	2.13E+07	55.5
594	15-Sep-16	3:28:03	59.5	68.6	44.1	86.8	59.5	---	59.5	5.35E+07	59.5
595	15-Sep-16	3:29:03	53.1	58.4	40.4	80.3	53.1	---	53.1	1.23E+07	53.1
596	15-Sep-16	3:30:03	59.7	65	49.3	88.9	59.7	---	59.7	5.60E+07	59.7
597	15-Sep-16	3:31:03	55.6	61.8	40.4	84.1	55.6	---	55.6	2.18E+07	55.6
598	15-Sep-16	3:32:03	58.2	64.1	43.5	83.5	58.2	---	58.2	3.96E+07	58.2
599	15-Sep-16	3:33:03	58.7	68.6	48.4	84.1	58.7	---	58.7	4.45E+07	58.7
600	15-Sep-16	3:34:03	55.7	63.6	40.6	85.3	55.7	---	55.7	2.23E+07	55.7
601	15-Sep-16	3:35:03	57.3	63.4	46.2	85.8	57.3	---	57.3	3.22E+07	57.3
602	15-Sep-16	3:36:03	55.1	63.6	42.6	88.5	55.1	---	55.1	1.94E+07	55.1
603	15-Sep-16	3:37:03	55.3	61.2	41.9	85.8	55.3	---	55.3	2.03E+07	55.3
604	15-Sep-16	3:38:03	50.8	56.6	37.2	76.8	50.8	---	50.8	7.21E+06	50.8
605	15-Sep-16	3:39:03	58.3	64.7	39.2	84.1	58.3	---	58.3	4.06E+07	58.3
606	15-Sep-16	3:40:03	52.9	58.1	40.3	84.1	52.9	---	52.9	1.17E+07	52.9
607	15-Sep-16	3:41:03	50.4	54.7	40.6	78.1	50.4	---	50.4	6.58E+06	50.4
608	15-Sep-16	3:42:03	54.1	60.4	41.4	81.2	54.1	---	54.1	1.54E+07	54.1
609	15-Sep-16	3:43:03	55.1	61.3	41.8	83.5	55.1	---	55.1	1.94E+07	55.1

610	15-Sep-16	3:44:03	60.5	67	51.3	85.8	60.5	---	60.5	6.73E+07	60.5
611	15-Sep-16	3:45:03	57.7	62.4	47.8	85.8	57.7	---	57.7	3.53E+07	57.7
612	15-Sep-16	3:46:03	56.3	63.2	47.5	83.5	56.3	---	56.3	2.56E+07	56.3
613	15-Sep-16	3:47:03	58.6	65.5	44.5	86.3	58.6	---	58.6	4.35E+07	58.6
614	15-Sep-16	3:48:03	56.8	62.6	46.6	85.3	56.8	---	56.8	2.87E+07	56.8
615	15-Sep-16	3:49:03	53.2	58.9	45.9	76.8	53.2	---	53.2	1.25E+07	53.2
616	15-Sep-16	3:50:03	55.9	63.5	39.4	85.8	55.9	---	55.9	2.33E+07	55.9
617	15-Sep-16	3:51:03	56.9	64.2	39.2	86.8	56.9	---	56.9	2.94E+07	56.9
618	15-Sep-16	3:52:03	57.3	65.9	46.3	87.7	57.3	---	57.3	3.22E+07	57.3
619	15-Sep-16	3:53:03	58	63	49.4	85.8	58	---	58	3.79E+07	58.0
620	15-Sep-16	3:54:03	55.7	63.3	45	86.3	55.7	---	55.7	2.23E+07	55.7
621	15-Sep-16	3:55:03	57.7	65	48.3	88.1	57.7	---	57.7	3.53E+07	57.7
622	15-Sep-16	3:56:03	58.3	64	47.8	87.3	58.3	---	58.3	4.06E+07	58.3
623	15-Sep-16	3:57:03	55.1	61.4	44.9	81.2	55.1	---	55.1	1.94E+07	55.1
624	15-Sep-16	3:58:03	56.2	61.9	48.3	83.5	56.2	---	56.2	2.50E+07	56.2
625	15-Sep-16	3:59:03	59.7	64.6	45.6	85.3	59.7	---	59.7	5.60E+07	59.7
										1.55E+09	56.3
626	15-Sep-16	4:00:03	57.2	64.3	48.1	84.8	57.2	---	57.2	3.15E+07	57.2
627	15-Sep-16	4:01:03	55.5	59.3	43.9	84.1	55.5	---	55.5	2.13E+07	55.5
628	15-Sep-16	4:02:03	56.3	60.7	48.2	85.3	56.3	---	56.3	2.56E+07	56.3
629	15-Sep-16	4:03:03	57.9	62.7	44.3	85.3	57.9	---	57.9	3.70E+07	57.9
630	15-Sep-16	4:04:03	57.9	61.9	40.6	85.3	57.9	---	57.9	3.70E+07	57.9
631	15-Sep-16	4:05:03	56.9	62.5	47	83.5	56.9	---	56.9	2.94E+07	56.9
632	15-Sep-16	4:06:03	57	63.2	44.5	84.8	57	---	57	3.01E+07	57.0
633	15-Sep-16	4:07:03	57.9	65.9	44.1	84.8	57.9	---	57.9	3.70E+07	57.9
634	15-Sep-16	4:08:03	55	60.9	49	86.8	55	---	55	1.90E+07	55.0
635	15-Sep-16	4:09:03	58.1	66.5	41.3	85.8	58.1	---	58.1	3.87E+07	58.1
636	15-Sep-16	4:10:03	59.9	67.6	51	87.3	59.9	---	59.9	5.86E+07	59.9
637	15-Sep-16	4:11:03	57.3	62.2	46.8	83.5	57.3	---	57.3	3.22E+07	57.3
638	15-Sep-16	4:12:03	60.2	68.6	45.9	87.7	60.2	---	60.2	6.28E+07	60.2
639	15-Sep-16	4:13:03	57.2	61.2	49.4	81.2	57.2	---	57.2	3.15E+07	57.2
640	15-Sep-16	4:14:03	55.5	63.2	47.4	82.1	55.5	---	55.5	2.13E+07	55.5
641	15-Sep-16	4:15:03	56	62.5	46.5	88.5	56	---	56	2.39E+07	56.0
642	15-Sep-16	4:16:03	57	61.2	52	81.2	57	---	57	3.01E+07	57.0
643	15-Sep-16	4:17:03	57.7	63.7	44.5	82.8	57.7	---	57.7	3.53E+07	57.7
644	15-Sep-16	4:18:03	57	61.9	49.1	85.8	57	---	57	3.01E+07	57.0
645	15-Sep-16	4:19:03	56.2	62	47.6	85.3	56.2	---	56.2	2.50E+07	56.2
646	15-Sep-16	4:20:03	56.6	61.1	50.5	83.5	56.6	---	56.6	2.74E+07	56.6
647	15-Sep-16	4:21:03	55.3	59.1	51.1	82.8	55.3	---	55.3	2.03E+07	55.3
648	15-Sep-16	4:22:03	57.9	62	46.6	85.3	57.9	---	57.9	3.70E+07	57.9
649	15-Sep-16	4:23:03	59.5	65.1	49.7	86.3	59.5	---	59.5	5.35E+07	59.5
650	15-Sep-16	4:24:03	59	65	45.3	82.8	59	---	59	4.77E+07	59.0
651	15-Sep-16	4:25:03	59.1	64.3	46.2	82.8	59.1	---	59.1	4.88E+07	59.1
652	15-Sep-16	4:26:03	58.4	63	52.5	84.8	58.4	---	58.4	4.15E+07	58.4
653	15-Sep-16	4:27:03	60.6	65.3	52.3	85.3	60.6	---	60.6	6.89E+07	60.6
654	15-Sep-16	4:28:03	57.2	62.5	50.1	86.3	57.2	---	57.2	3.15E+07	57.2
655	15-Sep-16	4:29:03	58.3	64.3	52.7	84.8	58.3	---	58.3	4.06E+07	58.3
656	15-Sep-16	4:30:03	56.5	61.6	46.1	84.1	56.5	---	56.5	2.68E+07	56.5
657	15-Sep-16	4:31:03	56.7	60.8	48.3	84.8	56.7	---	56.7	2.81E+07	56.7
658	15-Sep-16	4:32:03	58.8	65.1	50.4	85.3	58.8	---	58.8	4.55E+07	58.8
659	15-Sep-16	4:33:03	56.3	62.9	48.7	82.1	56.3	---	56.3	2.56E+07	56.3
660	15-Sep-16	4:34:03	57.9	63.3	50.2	83.5	57.9	---	57.9	3.70E+07	57.9
661	15-Sep-16	4:35:03	57.2	60.9	51.6	82.8	57.2	---	57.2	3.15E+07	57.2
662	15-Sep-16	4:36:03	58.2	61.8	53.4	82.8	58.2	---	58.2	3.96E+07	58.2
663	15-Sep-16	4:37:03	59.3	65.1	53.2	89.5	59.3	---	59.3	5.11E+07	59.3
664	15-Sep-16	4:38:03	58.7	63.9	53.3	82.1	58.7	---	58.7	4.45E+07	58.7
665	15-Sep-16	4:39:03	61.5	67.4	53	85.3	61.5	---	61.5	8.48E+07	61.5
666	15-Sep-16	4:40:03	57.8	61.1	52.5	82.8	57.8	---	57.8	3.62E+07	57.8
667	15-Sep-16	4:41:03	59.3	63.9	50.6	86.3	59.3	---	59.3	5.11E+07	59.3
668	15-Sep-16	4:42:03	56.9	60.8	53.2	84.8	56.9	---	56.9	2.94E+07	56.9
669	15-Sep-16	4:43:03	60.1	65.2	54.5	87.3	60.1	---	60.1	6.14E+07	60.1
670	15-Sep-16	4:44:03	58	63.6	53	91.6	58	---	58	3.79E+07	58.0
671	15-Sep-16	4:45:03	59.7	64.4	52.5	86.8	59.7	---	59.7	5.60E+07	59.7
672	15-Sep-16	4:46:03	58.5	65.9	53.5	86.3	58.5	---	58.5	4.25E+07	58.5
673	15-Sep-16	4:47:03	58.4	63.6	50.7	81.2	58.4	---	58.4	4.15E+07	58.4
674	15-Sep-16	4:48:03	57.9	64.8	52.5	84.8	57.9	---	57.9	3.70E+07	57.9
675	15-Sep-16	4:49:03	60.5	67.2	51.6	85.8	60.5	---	60.5	6.73E+07	60.5
676	15-Sep-16	4:50:03	58.9	64.2	50.2	88.5	58.9	---	58.9	4.66E+07	58.9
677	15-Sep-16	4:51:03	61.1	66.5	53.8	89.2	61.1	---	61.1	7.73E+07	61.1
678	15-Sep-16	4:52:03	61.2	67.8	54.4	88.9	61.2	---	61.2	7.91E+07	61.2
679	15-Sep-16	4:53:03	57.2	62.9	48.6	88.1	57.2	---	57.2	3.15E+07	57.2
680	15-Sep-16	4:54:03	60.8	65.3	55.1	85.3	60.8	---	60.8	7.21E+07	60.8
681	15-Sep-16	4:55:03	59.9	65.4	52.7	85.8	59.9	---	59.9	5.86E+07	59.9
682	15-Sep-16	4:56:03	58.1	64	50.6	85.8	58.1	---	58.1	3.87E+07	58.1
683	15-Sep-16	4:57:03	58.3	62.6	52.8	84.8	58.3	---	58.3	4.06E+07	58.3
684	15-Sep-16	4:58:03	58.7	62.2	53.3	84.1	58.7	---	58.7	4.45E+07	58.7
685	15-Sep-16	4:59:03	60.3	67.3	56.1	88.1	60.3	---	60.3	6.43E+07	60.3
										2.50E+09	58.4
686	15-Sep-16	5:00:03	60.6	67.8	51.2	89.5	60.6	---	60.6	6.89E+07	60.6
687	15-Sep-16	5:01:03	61.8	65.2	57.2	85.3	61.8	---	61.8	9.08E+07	61.8
688	15-Sep-16	5:02:03	61.8	69.1	55.6	88.1	61.8	---	61.8	9.08E+07	61.8
689	15-Sep-16	5:03:03	60.7	65.1	54.7	89.9	60.7	---	60.7	7.05E+07	60.7

690	15-Sep-16	5:04:03	62.1	65.7	57.5	87.7	62.1	---	62.1	9.73E+07	62.1
691	15-Sep-16	5:05:03	61.2	65.4	56.9	84.1	61.2	---	61.2	7.91E+07	61.2
692	15-Sep-16	5:06:03	60.9	64.7	54.7	88.1	60.9	---	60.9	7.38E+07	60.9
693	15-Sep-16	5:07:03	60.3	64.7	53.1	88.1	60.3	---	60.3	6.43E+07	60.3
694	15-Sep-16	5:08:03	59.1	62.6	54.6	84.1	59.1	---	59.1	4.88E+07	59.1
695	15-Sep-16	5:09:03	62.6	68.2	57.3	88.9	62.6	---	62.6	1.09E+08	62.6
696	15-Sep-16	5:10:03	59.4	64.2	56.3	84.8	59.4	---	59.4	5.23E+07	59.4
697	15-Sep-16	5:11:03	60.6	63.4	57.3	82.1	60.6	---	60.6	6.89E+07	60.6
698	15-Sep-16	5:12:03	61.1	69.4	56.2	84.8	61.1	---	61.1	7.73E+07	61.1
699	15-Sep-16	5:13:03	59.7	63.1	55.2	86.8	59.7	---	59.7	5.60E+07	59.7
700	15-Sep-16	5:14:03	59.6	63.5	55.5	85.8	59.6	---	59.6	5.47E+07	59.6
701	15-Sep-16	5:15:03	60.5	64.7	54.4	86.8	60.5	---	60.5	6.73E+07	60.5
702	15-Sep-16	5:16:03	60.3	65.2	52	87.7	60.3	---	60.3	6.43E+07	60.3
703	15-Sep-16	5:17:03	61.3	67.4	53.2	86.3	61.3	---	61.3	8.09E+07	61.3
704	15-Sep-16	5:18:03	60	68.6	55	85.3	60	---	60	6.00E+07	60.0
705	15-Sep-16	5:19:03	63.1	67.6	55	89.2	63.1	---	63.1	1.23E+08	63.1
706	15-Sep-16	5:20:03	60.1	65.3	52.6	88.1	60.1	---	60.1	6.14E+07	60.1
707	15-Sep-16	5:21:03	61.5	66.3	54.8	87.7	61.5	---	61.5	8.48E+07	61.5
708	15-Sep-16	5:22:03	59.2	65.1	52.5	86.8	59.2	---	59.2	4.99E+07	59.2
709	15-Sep-16	5:23:03	59	63.4	54	84.8	59	---	59	4.77E+07	59.0
710	15-Sep-16	5:24:03	60.9	64.7	57.1	87.7	60.9	---	60.9	7.38E+07	60.9
711	15-Sep-16	5:25:03	60.7	64.4	52.8	89.5	60.7	---	60.7	7.05E+07	60.7
712	15-Sep-16	5:26:03	60	64.9	53.8	89.2	60	---	60	6.00E+07	60.0
713	15-Sep-16	5:27:03	62	69.5	55	87.3	62	---	62	9.51E+07	62.0
714	15-Sep-16	5:28:03	60.9	66	53.3	85.3	60.9	---	60.9	7.38E+07	60.9
715	15-Sep-16	5:29:03	59.6	63.5	54.4	85.3	59.6	---	59.6	5.47E+07	59.6
716	15-Sep-16	5:30:03	61.3	64.7	57.2	85.3	61.3	---	61.3	8.09E+07	61.3
717	15-Sep-16	5:31:03	60.3	63.6	56.6	86.8	60.3	---	60.3	6.43E+07	60.3
718	15-Sep-16	5:32:03	60.8	63.8	55.6	85.8	60.8	---	60.8	7.21E+07	60.8
719	15-Sep-16	5:33:03	62.6	65.6	57.7	87.3	62.6	---	62.6	1.09E+08	62.6
720	15-Sep-16	5:34:03	63.7	69.6	59.3	88.9	63.7	---	63.7	1.41E+08	63.7
721	15-Sep-16	5:35:03	60.3	63.8	55.5	85.3	60.3	---	60.3	6.43E+07	60.3
722	15-Sep-16	5:36:03	63.1	67.6	58.6	87.7	63.1	---	63.1	1.23E+08	63.1
723	15-Sep-16	5:37:03	63.3	67.2	57.7	87.7	63.3	---	63.3	1.28E+08	63.3
724	15-Sep-16	5:38:03	63	67.4	56	87.3	63	---	63	1.20E+08	63.0
725	15-Sep-16	5:39:03	62.4	65.8	57	89.2	62.4	---	62.4	1.04E+08	62.4
726	15-Sep-16	5:40:03	63.5	67.5	57.3	88.1	63.5	---	63.5	1.34E+08	63.5
727	15-Sep-16	5:41:03	62.9	66	60.4	86.8	62.9	---	62.9	1.17E+08	62.9
728	15-Sep-16	5:42:03	64.1	68.3	59.8	89.2	64.1	---	64.1	1.54E+08	64.1
729	15-Sep-16	5:43:03	62.3	64.8	59.4	86.8	62.3	---	62.3	1.02E+08	62.3
730	15-Sep-16	5:44:03	62.4	67.4	59	88.5	62.4	---	62.4	1.04E+08	62.4
731	15-Sep-16	5:45:03	62.1	64.3	58.8	89.2	62.1	---	62.1	9.73E+07	62.1
732	15-Sep-16	5:46:03	62.7	66.5	60	89.5	62.7	---	62.7	1.12E+08	62.7
733	15-Sep-16	5:47:03	63.3	67.2	60.1	89.2	63.3	---	63.3	1.28E+08	63.3
734	15-Sep-16	5:48:03	62.9	65.3	58.7	86.3	62.9	---	62.9	1.17E+08	62.9
735	15-Sep-16	5:49:03	64.1	67.5	60.6	89.9	64.1	---	64.1	1.54E+08	64.1
736	15-Sep-16	5:50:03	62.9	65.1	59.1	88.5	62.9	---	62.9	1.17E+08	62.9
737	15-Sep-16	5:51:03	63.4	67.8	59.1	87.7	63.4	---	63.4	1.31E+08	63.4
738	15-Sep-16	5:52:03	63.8	68.7	59.7	88.9	63.8	---	63.8	1.44E+08	63.8
739	15-Sep-16	5:53:03	64.2	69	60.1	88.9	64.2	---	64.2	1.58E+08	64.2
740	15-Sep-16	5:54:03	63.6	67.5	59	88.1	63.6	---	63.6	1.37E+08	63.6
741	15-Sep-16	5:55:03	63.1	69.5	59	86.8	63.1	---	63.1	1.23E+08	63.1
742	15-Sep-16	5:56:03	62.4	66.1	57.9	88.1	62.4	---	62.4	1.04E+08	62.4
743	15-Sep-16	5:57:03	62.3	65.7	60	88.5	62.3	---	62.3	1.02E+08	62.3
744	15-Sep-16	5:58:03	62.2	65.4	59.1	88.1	62.2	---	62.2	9.96E+07	62.2
745	15-Sep-16	5:59:03	61.5	64	57.9	87.3	61.5	---	61.5	8.48E+07	61.5
										5.60E+09	61.9

746	15-Sep-16	6:00:03	62.7	66.7	58.8	91.6	62.7	---	62.7	1.12E+08	62.7
747	15-Sep-16	6:01:03	61.5	65.3	57	88.9	61.5	---	61.5	8.48E+07	61.5
748	15-Sep-16	6:02:03	63.3	67	59.3	90.8	63.3	---	63.3	1.28E+08	63.3
749	15-Sep-16	6:03:03	61.9	67.4	58.5	85.8	61.9	---	61.9	9.29E+07	61.9
750	15-Sep-16	6:04:03	62.6	65.1	59.2	87.3	62.6	---	62.6	1.09E+08	62.6
751	15-Sep-16	6:05:03	62.4	65.5	59.9	87.3	62.4	---	62.4	1.04E+08	62.4
752	15-Sep-16	6:06:03	61.8	65	59	87.3	61.8	---	61.8	9.08E+07	61.8
753	15-Sep-16	6:07:03	60.4	63.4	57.8	88.1	60.4	---	60.4	6.58E+07	60.4
754	15-Sep-16	6:08:03	63.5	67.4	59	89.5	63.5	---	63.5	1.34E+08	63.5
755	15-Sep-16	6:09:03	61.4	63.9	58.3	85.8	61.4	---	61.4	8.28E+07	61.4
756	15-Sep-16	6:10:03	60.8	62.9	56.9	85.3	60.8	---	60.8	7.21E+07	60.8
757	15-Sep-16	6:11:03	62.2	66.4	59.7	89.5	62.2	---	62.2	9.96E+07	62.2
758	15-Sep-16	6:12:03	62.2	65.1	58.1	89.9	62.2	---	62.2	9.96E+07	62.2
759	15-Sep-16	6:13:03	63	65.8	60.3	87.7	63	---	63	1.20E+08	63.0
760	15-Sep-16	6:14:03	64.2	68.6	60.1	86.8	64.2	---	64.2	1.58E+08	64.2
761	15-Sep-16	6:15:03	63.3	66.3	60.1	88.1	63.3	---	63.3	1.28E+08	63.3
762	15-Sep-16	6:16:03	63.6	65.7	60.7	88.1	63.6	---	63.6	1.37E+08	63.6
763	15-Sep-16	6:17:03	63.5	66.9	61.7	85.3	63.5	---	63.5	1.34E+08	63.5
764	15-Sep-16	6:18:03	64.5	67.1	61	88.9	64.5	---	64.5	1.69E+08	64.5
765	15-Sep-16	6:19:03	62	65.3	57.4	86.3	62	---	62	9.51E+07	62.0
766	15-Sep-16	6:20:03	63.7	66.7	60.2	89.9	63.7	---	63.7	1.41E+08	63.7
767	15-Sep-16	6:21:03	61.1	70.1	56.6	86.3	61.1	---	61.1	7.73E+07	61.1
768	15-Sep-16	6:22:03	61.7	69.1	58	90.8	61.7	---	61.7	8.87E+07	61.7
769	15-Sep-16	6:23:03	60.7	63.2	56.7	87.3	60.7	---	60.7	7.05E+07	60.7
770	15-Sep-16	6:24:03	62.2	65.3	58.8	88.1	62.2	---	62.2	9.96E+07	62.2
771	15-Sep-16	6:25:03	64.3	68.2	58.9	88.9	64.3	---	64.3	1.61E+08	64.3
772	15-Sep-16	6:26:03	62.9	67.5	60.1	91.9	62.9	---	62.9	1.17E+08	62.9

773	15-Sep-16	6:27:03	62.5	65.4	59.1	84.1	62.5	---	62.5	1.07E+08	62.5
774	15-Sep-16	6:28:03	64.8	71.6	61.4	91.9	64.8	---	64.8	1.81E+08	64.8
775	15-Sep-16	6:29:03	64.2	67.2	61.5	89.5	64.2	---	64.2	1.58E+08	64.2
776	15-Sep-16	6:30:03	62.7	67.7	59.9	88.1	62.7	---	62.7	1.12E+08	62.7
777	15-Sep-16	6:31:03	63.6	66.2	60.3	87.7	63.6	---	63.6	1.37E+08	63.6
778	15-Sep-16	6:32:03	63	65.5	60.7	86.3	63	---	63	1.20E+08	63.0
779	15-Sep-16	6:33:03	62.1	66.6	58.9	85.3	62.1	---	62.1	9.73E+07	62.1
780	15-Sep-16	6:34:03	62.1	64.6	59.5	86.8	62.1	---	62.1	9.73E+07	62.1
781	15-Sep-16	6:35:03	62.4	67.4	59.2	88.5	62.4	---	62.4	1.04E+08	62.4
782	15-Sep-16	6:36:03	65.8	76.7	60.5	91.6	65.8	---	65.8	2.28E+08	65.8
783	15-Sep-16	6:37:03	61.5	65.2	60.1	89.5	61.5	---	61.5	8.48E+07	61.5
784	15-Sep-16	6:38:03	63.2	67.5	59.6	88.9	63.2	---	63.2	1.25E+08	63.2
785	15-Sep-16	6:39:03	61.6	65.5	58.9	87.7	61.6	---	61.6	8.67E+07	61.6
786	15-Sep-16	6:40:03	62.4	66.2	59.5	86.3	62.4	---	62.4	1.04E+08	62.4
787	15-Sep-16	6:41:03	63.1	68.5	59.6	85.8	63.1	---	63.1	1.23E+08	63.1
788	15-Sep-16	6:42:03	62.4	65.1	58.7	86.3	62.4	---	62.4	1.04E+08	62.4
789	15-Sep-16	6:43:03	62.4	66.8	58.8	91.3	62.4	---	62.4	1.04E+08	62.4
790	15-Sep-16	6:44:03	62.2	65.8	58.3	89.5	62.2	---	62.2	9.96E+07	62.2
791	15-Sep-16	6:45:03	62.6	69.2	58.8	92.1	62.6	---	62.6	1.09E+08	62.6
792	15-Sep-16	6:46:03	62.6	64.8	59.9	90.2	62.6	---	62.6	1.09E+08	62.6
793	15-Sep-16	6:47:03	63.4	67.6	60.3	92.8	63.4	---	63.4	1.31E+08	63.4
794	15-Sep-16	6:48:03	63.1	65.8	60.8	88.5	63.1	---	63.1	1.23E+08	63.1
795	15-Sep-16	6:49:03	62.5	68.1	58.4	88.5	62.5	---	62.5	1.07E+08	62.5
796	15-Sep-16	6:50:03	63.6	67	61	88.5	63.6	---	63.6	1.37E+08	63.6
797	15-Sep-16	6:51:03	62.8	67.1	59.7	87.7	62.8	---	62.8	1.14E+08	62.8
798	15-Sep-16	6:52:03	61.3	63.6	58.6	84.8	61.3	---	61.3	8.09E+07	61.3
799	15-Sep-16	6:53:03	62.3	67	59.8	90.2	62.3	---	62.3	1.02E+08	62.3
800	15-Sep-16	6:54:03	62.4	66.9	59.1	84.8	62.4	---	62.4	1.04E+08	62.4
801	15-Sep-16	6:55:03	62.7	66.5	59.2	88.1	62.7	---	62.7	1.12E+08	62.7
802	15-Sep-16	6:56:03	63.5	71.3	57.2	91.1	63.5	---	63.5	1.34E+08	63.5
803	15-Sep-16	6:57:03	62.6	65.3	59.5	88.1	62.6	---	62.6	1.09E+08	62.6
804	15-Sep-16	6:58:03	61.9	64	58.8	86.8	61.9	---	61.9	9.29E+07	61.9
805	15-Sep-16	6:59:03	61.7	64.9	58.1	90.2	61.7	---	61.7	8.87E+07	61.7
										6.80E+09	62.8

806	15-Sep-16	7:00:03	61.6	65.1	59.1	90.5	61.6	---	61.6	8.67E+07	61.6
807	15-Sep-16	7:01:03	62.8	64.7	60.4	87.7	62.8	---	62.8	1.14E+08	62.8
808	15-Sep-16	7:02:03	63.1	66.3	59.6	85.8	63.1	---	63.1	1.23E+08	63.1
809	15-Sep-16	7:03:03	62.9	65.2	60.1	88.5	62.9	---	62.9	1.17E+08	62.9
810	15-Sep-16	7:04:03	62.8	64.5	58.9	89.2	62.8	---	62.8	1.14E+08	62.8
811	15-Sep-16	7:05:03	63.2	66.8	61.1	88.1	63.2	---	63.2	1.25E+08	63.2
812	15-Sep-16	7:06:03	62.5	67.5	59.4	90.5	62.5	---	62.5	1.07E+08	62.5
813	15-Sep-16	7:07:03	62.5	65.6	58.8	90.5	62.5	---	62.5	1.07E+08	62.5
814	15-Sep-16	7:08:03	61.2	64.9	58.4	85.3	61.2	---	61.2	7.91E+07	61.2
815	15-Sep-16	7:09:03	60.4	62.9	58	84.1	60.4	---	60.4	6.58E+07	60.4
816	15-Sep-16	7:10:03	61.7	64.3	58.3	86.8	61.7	---	61.7	8.87E+07	61.7
817	15-Sep-16	7:11:03	62.3	67.3	58.9	89.2	62.3	---	62.3	1.02E+08	62.3
818	15-Sep-16	7:12:03	62	65.8	58	86.3	62	---	62	9.51E+07	62.0
819	15-Sep-16	7:13:03	63.9	69.7	60.1	88.5	63.9	---	63.9	1.47E+08	63.9
820	15-Sep-16	7:14:03	61.4	64.5	57.5	85.3	61.4	---	61.4	8.28E+07	61.4
821	15-Sep-16	7:15:03	63.9	67.7	60.4	89.2	63.9	---	63.9	1.47E+08	63.9
822	15-Sep-16	7:16:03	62.5	65.3	59.2	89.5	62.5	---	62.5	1.07E+08	62.5
823	15-Sep-16	7:17:03	62.6	69.1	59.8	94.5	62.6	---	62.6	1.09E+08	62.6
824	15-Sep-16	7:18:03	63.4	69.8	58.9	92.1	63.4	---	63.4	1.31E+08	63.4
825	15-Sep-16	7:19:03	63.3	66.9	57.4	88.5	63.3	---	63.3	1.28E+08	63.3
826	15-Sep-16	7:20:03	63.4	68.2	60.7	86.8	63.4	---	63.4	1.31E+08	63.4
827	15-Sep-16	7:21:03	61.9	64.1	59.3	85.8	61.9	---	61.9	9.29E+07	61.9
828	15-Sep-16	7:22:03	62.3	65.7	59.5	88.1	62.3	---	62.3	1.02E+08	62.3
829	15-Sep-16	7:23:03	61.4	64.9	57.3	85.3	61.4	---	61.4	8.28E+07	61.4
830	15-Sep-16	7:24:03	62.7	65.3	60.3	82.8	62.7	---	62.7	1.12E+08	62.7
831	15-Sep-16	7:25:03	63.2	66.4	60	85.8	63.2	---	63.2	1.25E+08	63.2
832	15-Sep-16	7:26:03	64.3	68.3	61.6	92.4	64.3	---	64.3	1.61E+08	64.3
833	15-Sep-16	7:27:03	65	67.4	62.4	88.9	65	---	65	1.90E+08	65.0
834	15-Sep-16	7:28:03	64.9	68.1	61.1	88.5	64.9	---	64.9	1.85E+08	64.9
835	15-Sep-16	7:29:03	65.3	72.2	60.9	88.1	65.3	---	65.3	2.03E+08	65.3
836	15-Sep-16	7:30:03	65.9	72.5	62.4	88.1	65.9	---	65.9	2.33E+08	65.9
837	15-Sep-16	7:31:03	64.8	67.6	61	87.7	64.8	---	64.8	1.81E+08	64.8
838	15-Sep-16	7:32:03	63.7	65.9	61.5	86.8	63.7	---	63.7	1.41E+08	63.7
839	15-Sep-16	7:33:03	64.9	69.5	59.9	85.8	64.9	---	64.9	1.85E+08	64.9
840	15-Sep-16	7:34:03	64.3	68.7	59.7	87.7	64.3	---	64.3	1.61E+08	64.3
841	15-Sep-16	7:35:03	65	68.6	61.7	91.6	65	---	65	1.90E+08	65.0
842	15-Sep-16	7:36:03	64.3	70	58.1	86.8	64.3	---	64.3	1.61E+08	64.3
843	15-Sep-16	7:37:03	63.9	67.9	60.2	88.5	63.9	---	63.9	1.47E+08	63.9
844	15-Sep-16	7:38:03	63.3	66.4	60.1	87.3	63.3	---	63.3	1.28E+08	63.3
845	15-Sep-16	7:39:03	64.4	68.5	61.5	89.5	64.4	---	64.4	1.65E+08	64.4
846	15-Sep-16	7:40:03	63.1	66.6	60.5	89.5	63.1	---	63.1	1.23E+08	63.1
847	15-Sep-16	7:41:03	65.1	71.2	61.1	90.2	65.1	---	65.1	1.94E+08	65.1
848	15-Sep-16	7:42:03	63.7	67.7	61.1	87.7	63.7	---	63.7	1.41E+08	63.7
849	15-Sep-16	7:43:03	63.4	67.2	60.7	86.3	63.4	---	63.4	1.31E+08	63.4
850	15-Sep-16	7:44:03	63.5	67.9	59.8	88.1	63.5	---	63.5	1.34E+08	63.5
851	15-Sep-16	7:45:03	64.5	68.2	61.9	89.9	64.5	---	64.5	1.69E+08	64.5
852	15-Sep-16	7:46:03	64.2	68.2	62.2	92.8	64.2	---	64.2	1.58E+08	64.2
853	15-Sep-16	7:47:03	63.9	66.9	61.6	87.7	63.9	---	63.9	1.47E+08	63.9
854	15-Sep-16	7:48:03	63.1	67.2	58.8	86.3	63.1	---	63.1	1.23E+08	63.1
855	15-Sep-16	7:49:03	65.2	70.5	61.4	92.8	65.2	---	65.2	1.99E+08	65.2

856	15-Sep-16	7:50:03	64.8	71.4	60.4	92.4	64.8	---	64.8	1.81E+08	64.8
857	15-Sep-16	7:51:03	64.3	69.7	61.3	95	64.3	---	64.3	1.61E+08	64.3
858	15-Sep-16	7:52:03	64.6	70.2	59.5	93.3	64.6	---	64.6	1.73E+08	64.6
859	15-Sep-16	7:53:03	63.5	66.6	59.8	86.3	63.5	---	63.5	1.34E+08	63.5
860	15-Sep-16	7:54:03	63.9	69.5	61.3	87.3	63.9	---	63.9	1.47E+08	63.9
861	15-Sep-16	7:55:03	63.5	67.8	59.8	84.8	63.5	---	63.5	1.34E+08	63.5
862	15-Sep-16	7:56:03	64.6	67.7	59.8	88.9	64.6	---	64.6	1.73E+08	64.6
863	15-Sep-16	7:57:03	64	68.1	60.3	88.5	64	---	64	1.51E+08	64.0
864	15-Sep-16	7:58:03	63.3	66.5	60.5	85.8	63.3	---	63.3	1.28E+08	63.3
865	15-Sep-16	7:59:03	66.1	72.5	61.5	89.5	66.1	---	66.1	2.44E+08	66.1
										8.40E+09	63.7
866	15-Sep-16	8:00:03	64.1	69.9	61.1	86.8	64.1	---	64.1	1.54E+08	64.1
867	15-Sep-16	8:01:03	64.8	68.9	61.4	88.5	64.8	---	64.8	1.81E+08	64.8
868	15-Sep-16	8:02:03	64.1	67.7	61.4	85.8	64.1	---	64.1	1.54E+08	64.1
869	15-Sep-16	8:03:03	64.5	69.3	60.8	85.8	64.5	---	64.5	1.69E+08	64.5
870	15-Sep-16	8:04:03	66.8	74.6	62.8	91.3	66.8	---	66.8	2.87E+08	66.8
871	15-Sep-16	8:05:03	63.4	65.3	59.6	84.8	63.4	---	63.4	1.31E+08	63.4
872	15-Sep-16	8:06:03	64.7	67.8	61.9	87.3	64.7	---	64.7	1.77E+08	64.7
873	15-Sep-16	8:07:03	62.1	65.7	60.1	85.3	62.1	---	62.1	9.73E+07	62.1
874	15-Sep-16	8:08:03	64.3	68.2	61.5	89.9	64.3	---	64.3	1.61E+08	64.3
875	15-Sep-16	8:09:03	63.7	68.4	60.7	91.3	63.7	---	63.7	1.41E+08	63.7
876	15-Sep-16	8:10:03	62.7	67.8	60.3	85.8	62.7	---	62.7	1.12E+08	62.7
877	15-Sep-16	8:11:03	63.9	66.6	59.9	88.5	63.9	---	63.9	1.47E+08	63.9
878	15-Sep-16	8:12:03	64.9	73	61	89.2	64.9	---	64.9	1.85E+08	64.9
879	15-Sep-16	8:13:03	62.4	64.8	59.3	83.5	62.4	---	62.4	1.04E+08	62.4
880	15-Sep-16	8:14:03	63.9	67.4	60	84.8	63.9	---	63.9	1.47E+08	63.9
881	15-Sep-16	8:15:03	63.4	66.2	60.6	86.3	63.4	---	63.4	1.31E+08	63.4
882	15-Sep-16	8:16:03	63	67.4	60	88.1	63	---	63	1.20E+08	63.0
883	15-Sep-16	8:17:03	62.5	66	59.6	85.3	62.5	---	62.5	1.07E+08	62.5
884	15-Sep-16	8:18:03	62.4	66.3	58.6	88.1	62.4	---	62.4	1.04E+08	62.4
885	15-Sep-16	8:19:03	62.9	66.9	60.7	84.8	62.9	---	62.9	1.17E+08	62.9
886	15-Sep-16	8:20:03	63.1	67.6	60.1	88.5	63.1	---	63.1	1.23E+08	63.1
887	15-Sep-16	8:21:03	62.2	64.7	58	88.5	62.2	---	62.2	9.96E+07	62.2
888	15-Sep-16	8:22:03	61.9	64.7	58.5	86.3	61.9	---	61.9	9.29E+07	61.9
889	15-Sep-16	8:23:03	61.4	63.4	59.1	84.8	61.4	---	61.4	8.28E+07	61.4
890	15-Sep-16	8:24:03	62.1	65.6	58.7	91.1	62.1	---	62.1	9.73E+07	62.1
891	15-Sep-16	8:25:03	61.3	64	57.4	85.3	61.3	---	61.3	8.09E+07	61.3
892	15-Sep-16	8:26:03	63.4	70.8	60.3	93.3	63.4	---	63.4	1.31E+08	63.4
893	15-Sep-16	8:27:03	64.7	75	58.6	96.9	64.7	---	64.7	1.77E+08	64.7
894	15-Sep-16	8:28:03	62.2	65.8	59	84.8	62.2	---	62.2	9.96E+07	62.2
895	15-Sep-16	8:29:03	62.4	66.4	60.3	85.3	62.4	---	62.4	1.04E+08	62.4
896	15-Sep-16	8:30:03	62	64.4	59.6	85.3	62	---	62	9.51E+07	62.0
897	15-Sep-16	8:31:03	61.5	64	57.9	88.1	61.5	---	61.5	8.48E+07	61.5
898	15-Sep-16	8:32:03	63.1	66.8	59.8	88.1	63.1	---	63.1	1.23E+08	63.1
899	15-Sep-16	8:33:03	61.7	64.1	59.9	84.8	61.7	---	61.7	8.87E+07	61.7
900	15-Sep-16	8:34:03	63.2	67.3	60.1	86.3	63.2	---	63.2	1.25E+08	63.2
901	15-Sep-16	8:35:03	62.8	65.5	60.6	86.3	62.8	---	62.8	1.14E+08	62.8
902	15-Sep-16	8:36:03	61.5	64.6	59.7	85.8	61.5	---	61.5	8.48E+07	61.5
903	15-Sep-16	8:37:03	62.1	64.4	60.4	83.5	62.1	---	62.1	9.73E+07	62.1
904	15-Sep-16	8:38:03	61.7	65.7	57.4	88.1	61.7	---	61.7	8.87E+07	61.7
905	15-Sep-16	8:39:03	61.1	64.6	58	87.3	61.1	---	61.1	7.73E+07	61.1
906	15-Sep-16	8:40:03	61.4	64.6	58.9	84.1	61.4	---	61.4	8.28E+07	61.4
907	15-Sep-16	8:41:03	62	65.1	59.1	87.3	62	---	62	9.51E+07	62.0
908	15-Sep-16	8:42:03	63.4	69.8	58.9	87.7	63.4	---	63.4	1.31E+08	63.4
909	15-Sep-16	8:43:03	61.9	66.9	58.6	87.3	61.9	---	61.9	9.29E+07	61.9
910	15-Sep-16	8:44:03	62	66.5	59	84.8	62	---	62	9.51E+07	62.0
911	15-Sep-16	8:45:03	61.1	63	57.2	86.8	61.1	---	61.1	7.73E+07	61.1
912	15-Sep-16	8:46:03	61.7	65.2	59.3	86.8	61.7	---	61.7	8.87E+07	61.7
913	15-Sep-16	8:47:03	61.8	67.1	56.8	90.2	61.8	---	61.8	9.08E+07	61.8
914	15-Sep-16	8:48:03	63.1	66.4	60.3	87.7	63.1	---	63.1	1.23E+08	63.1
915	15-Sep-16	8:49:03	62.6	65.4	59.4	85.8	62.6	---	62.6	1.09E+08	62.6
916	15-Sep-16	8:50:03	62.6	68.9	59.3	88.5	62.6	---	62.6	1.09E+08	62.6
917	15-Sep-16	8:51:03	62.2	65.2	59.1	87.3	62.2	---	62.2	9.96E+07	62.2
918	15-Sep-16	8:52:03	61.1	64.8	57.4	88.1	61.1	---	61.1	7.73E+07	61.1
919	15-Sep-16	8:53:03	62.6	65.7	58.7	85.3	62.6	---	62.6	1.09E+08	62.6
920	15-Sep-16	8:54:03	62.7	66.6	58.4	90.2	62.7	---	62.7	1.12E+08	62.7
921	15-Sep-16	8:55:03	64.4	70.8	60	95.6	64.4	---	64.4	1.65E+08	64.4
922	15-Sep-16	8:56:03	61.7	65	57.9	86.8	61.7	---	61.7	8.87E+07	61.7
923	15-Sep-16	8:57:03	62	65.1	59.1	86.3	62	---	62	9.51E+07	62.0
924	15-Sep-16	8:58:03	62.8	71.2	56.2	92.8	62.8	---	62.8	1.14E+08	62.8
925	15-Sep-16	8:59:03	61.4	68	56.4	88.5	61.4	---	61.4	8.28E+07	61.4
										7.03E+09	62.9
926	15-Sep-16	9:00:03	63.2	68	58.5	88.1	63.2	---	63.2	1.25E+08	63.2
927	15-Sep-16	9:01:03	60.7	65.7	57.3	85.3	60.7	---	60.7	7.05E+07	60.7
928	15-Sep-16	9:02:03	61.8	67.9	55.8	84.8	61.8	---	61.8	9.08E+07	61.8
929	15-Sep-16	9:03:03	60.3	65	51.6	84.8	60.3	---	60.3	6.43E+07	60.3
930	15-Sep-16	9:04:03	61.8	66	58	88.1	61.8	---	61.8	9.08E+07	61.8
931	15-Sep-16	9:05:03	60.8	63.3	57.6	88.5	60.8	---	60.8	7.21E+07	60.8
932	15-Sep-16	9:06:03	61.8	64.7	57.5	86.8	61.8	---	61.8	9.08E+07	61.8
933	15-Sep-16	9:07:03	63	71.2	56.6	95.6	63	---	63	1.20E+08	63.0
934	15-Sep-16	9:08:03	62.2	68.4	58.5	92.6	62.2	---	62.2	9.96E+07	62.2
935	15-Sep-16	9:09:03	61	66.6	57.1	86.8	61	---	61	7.55E+07	61.0

936	15-Sep-16	9:10:03	61.3	64.7	58.3	86.8	61.3	---	61.3	8.09E+07	61.3
937	15-Sep-16	9:11:03	61.9	66.8	58.5	88.1	61.9	---	61.9	9.29E+07	61.9
938	15-Sep-16	9:12:03	61.1	65.1	57.6	84.8	61.1	---	61.1	7.73E+07	61.1
939	15-Sep-16	9:13:03	60.8	64.4	57.5	89.2	60.8	---	60.8	7.21E+07	60.8
940	15-Sep-16	9:14:03	62.8	66.9	59.7	87.7	62.8	---	62.8	1.14E+08	62.8
941	15-Sep-16	9:15:03	63	66.9	58.6	89.9	63	---	63	1.20E+08	63.0
942	15-Sep-16	9:16:03	62.1	70.9	57.2	86.3	62.1	---	62.1	9.73E+07	62.1
943	15-Sep-16	9:17:03	61.7	66.5	54.8	88.5	61.7	---	61.7	8.87E+07	61.7
944	15-Sep-16	9:18:03	61.9	65.1	58.8	85.8	61.9	---	61.9	9.29E+07	61.9
945	15-Sep-16	9:19:03	62.7	67.7	59.9	88.5	62.7	---	62.7	1.12E+08	62.7
946	15-Sep-16	9:20:03	61.6	64.5	58.1	86.8	61.6	---	61.6	8.67E+07	61.6
947	15-Sep-16	9:21:03	62	65.5	58.8	86.8	62	---	62	9.51E+07	62.0
948	15-Sep-16	9:22:03	62	65.8	59.3	88.5	62	---	62	9.51E+07	62.0
949	15-Sep-16	9:23:03	62.4	66.3	56.8	89.5	62.4	---	62.4	1.04E+08	62.4
950	15-Sep-16	9:24:03	61.2	64.9	57.8	87.7	61.2	---	61.2	7.91E+07	61.2
951	15-Sep-16	9:25:03	61.7	66.6	56.4	88.9	61.7	---	61.7	8.87E+07	61.7
952	15-Sep-16	9:26:03	63.8	68.9	60.9	89.2	63.8	---	63.8	1.44E+08	63.8
953	15-Sep-16	9:27:03	62.2	68.1	59.2	86.8	62.2	---	62.2	9.96E+07	62.2
954	15-Sep-16	9:28:03	61.5	64.1	58.2	88.9	61.5	---	61.5	8.48E+07	61.5
955	15-Sep-16	9:29:03	63	65.2	60	86.3	63	---	63	1.20E+08	63.0
956	15-Sep-16	9:30:03	62.9	65.9	59.7	86.8	62.9	---	62.9	1.17E+08	62.9
957	15-Sep-16	9:31:03	62.7	65.8	59.6	86.3	62.7	---	62.7	1.12E+08	62.7
958	15-Sep-16	9:32:03	62.8	66	58.1	86.8	62.8	---	62.8	1.14E+08	62.8
959	15-Sep-16	9:33:03	65.3	72.5	60.2	91.1	65.3	---	65.3	2.03E+08	65.3
960	15-Sep-16	9:34:03	62.1	65.1	58.3	87.3	62.1	---	62.1	9.73E+07	62.1
961	15-Sep-16	9:35:03	63.2	67	60.5	89.9	63.2	---	63.2	1.25E+08	63.2
962	15-Sep-16	9:36:03	62.3	66.3	59.6	84.8	62.3	---	62.3	1.02E+08	62.3
963	15-Sep-16	9:37:03	65.3	75.3	59.2	91.1	65.3	---	65.3	2.03E+08	65.3
964	15-Sep-16	9:38:03	62.4	67.2	59.5	87.3	62.4	---	62.4	1.04E+08	62.4
965	15-Sep-16	9:39:03	63.3	67.8	59.7	90.2	63.3	---	63.3	1.28E+08	63.3
966	15-Sep-16	9:40:03	61.6	64	58.9	88.1	61.6	---	61.6	8.67E+07	61.6
967	15-Sep-16	9:41:03	62.5	65.3	60	88.9	62.5	---	62.5	1.07E+08	62.5
968	15-Sep-16	9:42:03	62.2	65.3	59.6	86.3	62.2	---	62.2	9.96E+07	62.2
969	15-Sep-16	9:43:03	61.9	66.9	58.8	88.5	61.9	---	61.9	9.29E+07	61.9
970	15-Sep-16	9:44:03	63.6	66.3	59.7	88.1	63.6	---	63.6	1.37E+08	63.6
971	15-Sep-16	9:45:03	63.5	68.1	60.2	89.2	63.5	---	63.5	1.34E+08	63.5
972	15-Sep-16	9:46:03	62.1	65.9	59.1	86.8	62.1	---	62.1	9.73E+07	62.1
973	15-Sep-16	9:47:03	61.7	63.7	59.5	87.7	61.7	---	61.7	8.87E+07	61.7
974	15-Sep-16	9:48:03	63.5	67.9	59.8	89.9	63.5	---	63.5	1.34E+08	63.5
975	15-Sep-16	9:49:03	62.6	66.2	59.8	86.8	62.6	---	62.6	1.09E+08	62.6
976	15-Sep-16	9:50:03	62.8	66.2	58.5	86.8	62.8	---	62.8	1.14E+08	62.8
977	15-Sep-16	9:51:03	62.2	65.2	58.6	87.7	62.2	---	62.2	9.96E+07	62.2
978	15-Sep-16	9:52:03	61.9	65.6	59.4	85.8	61.9	---	61.9	9.29E+07	61.9
979	15-Sep-16	9:53:03	62.1	65.7	59.3	88.9	62.1	---	62.1	9.73E+07	62.1
980	15-Sep-16	9:54:03	61.7	64.7	59.3	85.3	61.7	---	61.7	8.87E+07	61.7
981	15-Sep-16	9:55:03	62.9	68	59.4	85.3	62.9	---	62.9	1.17E+08	62.9
982	15-Sep-16	9:56:03	62.1	65.1	59.1	84.1	62.1	---	62.1	9.73E+07	62.1
983	15-Sep-16	9:57:03	61.4	65.1	59	85.3	61.4	---	61.4	8.28E+07	61.4
984	15-Sep-16	9:58:03	62.3	65.5	59.6	87.7	62.3	---	62.3	1.02E+08	62.3
985	15-Sep-16	9:59:03	62	65	60.2	85.8	62	---	62	9.51E+07	62.0
										6.23E+09	62.4

986	15-Sep-16	10:00:03	62.7	66.8	60	90.2	62.7	---	62.7	1.12E+08	62.7
987	15-Sep-16	10:01:03	61.7	65.5	59.4	87.3	61.7	---	61.7	8.87E+07	61.7
988	15-Sep-16	10:02:03	61.7	65.1	58.2	86.3	61.7	---	61.7	8.87E+07	61.7
989	15-Sep-16	10:03:03	61.5	64.5	58.8	89.9	61.5	---	61.5	8.48E+07	61.5
990	15-Sep-16	10:04:03	61.6	64.5	59.8	87.3	61.6	---	61.6	8.67E+07	61.6
991	15-Sep-16	10:05:03	62.9	68.2	59.3	85.8	62.9	---	62.9	1.17E+08	62.9
992	15-Sep-16	10:06:03	61.8	65	55.3	88.1	61.8	---	61.8	9.08E+07	61.8
993	15-Sep-16	10:07:03	61.5	64.1	59.6	84.1	61.5	---	61.5	8.48E+07	61.5
994	15-Sep-16	10:08:03	62.2	66.8	59.1	89.2	62.2	---	62.2	9.96E+07	62.2
995	15-Sep-16	10:09:03	63	67.1	58.6	90.2	63	---	63	1.20E+08	63.0
996	15-Sep-16	10:10:03	63	66.7	60.1	89.2	63	---	63	1.20E+08	63.0
997	15-Sep-16	10:11:03	62.5	66.7	59	87.3	62.5	---	62.5	1.07E+08	62.5
998	15-Sep-16	10:12:03	62.1	65.1	59.6	85.8	62.1	---	62.1	9.73E+07	62.1
999	15-Sep-16	10:13:03	62.4	67.3	56.1	87.3	62.4	---	62.4	1.04E+08	62.4
1000	15-Sep-16	10:14:03	61.4	64.1	57.8	86.3	61.4	---	61.4	8.28E+07	61.4
1001	15-Sep-16	10:15:03	62.2	66.8	58.8	89.2	62.2	---	62.2	9.96E+07	62.2
1002	15-Sep-16	10:16:03	61.6	63.9	56.9	88.5	61.6	---	61.6	8.67E+07	61.6
1003	15-Sep-16	10:17:03	62.3	66.3	57.9	89.9	62.3	---	62.3	1.02E+08	62.3
1004	15-Sep-16	10:18:03	61.8	65	59	88.9	61.8	---	61.8	9.08E+07	61.8
1005	15-Sep-16	10:19:03	62.7	65.9	59.1	90.5	62.7	---	62.7	1.12E+08	62.7
1006	15-Sep-16	10:20:03	62.5	66.8	57.5	88.5	62.5	---	62.5	1.07E+08	62.5
1007	15-Sep-16	10:21:03	61.9	65.3	59.9	87.3	61.9	---	61.9	9.29E+07	61.9
1008	15-Sep-16	10:22:03	63	66.2	59.8	86.3	63	---	63	1.20E+08	63.0
1009	15-Sep-16	10:23:03	63.3	67	59.2	85.8	63.3	---	63.3	1.28E+08	63.3
1010	15-Sep-16	10:24:03	63	65.8	57.9	87.3	63	---	63	1.20E+08	63.0
1011	15-Sep-16	10:25:03	61.7	64.8	59.1	86.3	61.7	---	61.7	8.87E+07	61.7
1012	15-Sep-16	10:26:03	62.7	65.5	58.4	87.3	62.7	---	62.7	1.12E+08	62.7
1013	15-Sep-16	10:27:03	61.3	64.8	58	84.1	61.3	---	61.3	8.09E+07	61.3
1014	15-Sep-16	10:28:03	62.3	65.7	58	91.3	62.3	---	62.3	1.02E+08	62.3
1015	15-Sep-16	10:29:03	61.9	68.2	57.9	88.5	61.9	---	61.9	9.29E+07	61.9
1016	15-Sep-16	10:30:03	63.1	66.9	59.9	89.5	63.1	---	63.1	1.23E+08	63.1
1017	15-Sep-16	10:31:03	62.5	66.2	59.7	87.3	62.5	---	62.5	1.07E+08	62.5
1018	15-Sep-16	10:32:03	61.9	65.9	58.6	88.9	61.9	---	61.9	9.29E+07	61.9

1019	15-Sep-16	10:33:03	62.4	67.5	58.2	89.5	62.4	---	---	62.4	1.04E+08	62.4
1020	15-Sep-16	10:34:03	62.6	66.2	58.3	87.7	62.6	---	---	62.6	1.09E+08	62.6
1021	15-Sep-16	10:35:03	62	66.1	57.5	89.2	62	---	---	62	9.51E+07	62.0
1022	15-Sep-16	10:36:03	62.1	64.4	59.1	87.7	62.1	---	---	62.1	9.73E+07	62.1
1023	15-Sep-16	10:37:03	61.3	64	59	85.8	61.3	---	---	61.3	8.09E+07	61.3
1024	15-Sep-16	10:38:03	62	65.5	58.5	89.5	62	---	---	62	9.51E+07	62.0
1025	15-Sep-16	10:39:03	62.3	68.7	58.1	88.5	62.3	---	---	62.3	1.02E+08	62.3
1026	15-Sep-16	10:40:03	63	67.8	58.7	85.8	63	---	---	63	1.20E+08	63.0
1027	15-Sep-16	10:41:03	61.4	64.1	59	86.8	61.4	---	---	61.4	8.28E+07	61.4
1028	15-Sep-16	10:42:03	61.2	63.9	57.8	87.7	61.2	---	---	61.2	7.91E+07	61.2
1029	15-Sep-16	10:43:03	61.6	64.6	59	90.8	61.6	---	---	61.6	8.67E+07	61.6
1030	15-Sep-16	10:44:03	62.6	65.6	57.9	90.5	62.6	---	---	62.6	1.09E+08	62.6
1031	15-Sep-16	10:45:03	61.2	65.8	58.2	84.8	61.2	---	---	61.2	7.91E+07	61.2
1032	15-Sep-16	10:46:03	64.2	74.8	59.1	94.7	64.2	---	---	64.2	1.58E+08	64.2
1033	15-Sep-16	10:47:03	64	68	60.7	89.9	64	---	---	64	1.51E+08	64.0
1034	15-Sep-16	10:48:03	62.6	65.7	59.9	87.7	62.6	---	---	62.6	1.09E+08	62.6
1035	15-Sep-16	10:49:03	62.9	67.5	58.8	85.8	62.9	---	---	62.9	1.17E+08	62.9
1036	15-Sep-16	10:50:03	62.4	66.1	60.1	87.3	62.4	---	---	62.4	1.04E+08	62.4
1037	15-Sep-16	10:51:03	63	67.1	59.9	91.9	63	---	---	63	1.20E+08	63.0
1038	15-Sep-16	10:52:03	63.2	67.5	59.8	88.1	63.2	---	---	63.2	1.25E+08	63.2
1039	15-Sep-16	10:53:03	64.5	73	60.3	90.2	64.5	---	---	64.5	1.69E+08	64.5
1040	15-Sep-16	10:54:03	62.2	66.9	58.6	88.9	62.2	---	---	62.2	9.96E+07	62.2
1041	15-Sep-16	10:55:03	63.5	68.9	59.2	86.8	63.5	---	---	63.5	1.34E+08	63.5
1042	15-Sep-16	10:56:03	61.7	65.8	58.5	88.5	61.7	---	---	61.7	8.87E+07	61.7
1043	15-Sep-16	10:57:03	61.8	68.1	58.2	87.7	61.8	---	---	61.8	9.08E+07	61.8
1044	15-Sep-16	10:58:03	63.7	67	61	90.8	63.7	---	---	63.7	1.41E+08	63.7
1045	15-Sep-16	10:59:03	61.9	65.2	59	89.2	61.9	---	---	61.9	9.29E+07	61.9
											6.28E+09	62.4
1046	15-Sep-16	11:00:03	62.5	65.5	60.6	91.1	62.5	---	---	62.5	1.07E+08	62.5
1047	15-Sep-16	11:01:03	62.7	67.5	59.3	92.4	62.7	---	---	62.7	1.12E+08	62.7
1048	15-Sep-16	11:02:03	62.7	67.7	57.2	89.2	62.7	---	---	62.7	1.12E+08	62.7
1049	15-Sep-16	11:03:03	62.9	66.2	59	89.5	62.9	---	---	62.9	1.17E+08	62.9
1050	15-Sep-16	11:04:03	62.9	66.9	59.9	90.2	62.9	---	---	62.9	1.17E+08	62.9
1051	15-Sep-16	11:05:03	64.2	71.3	59.7	89.9	64.2	---	---	64.2	1.58E+08	64.2
1052	15-Sep-16	11:06:03	61.9	64.6	59.3	89.2	61.9	---	---	61.9	9.29E+07	61.9
1053	15-Sep-16	11:07:03	61.4	64	55.6	87.7	61.4	---	---	61.4	8.28E+07	61.4
1054	15-Sep-16	11:08:03	60.8	63.7	57.1	88.5	60.8	---	---	60.8	7.21E+07	60.8
1055	15-Sep-16	11:09:03	61.7	64.6	59	88.1	61.7	---	---	61.7	8.87E+07	61.7
1056	15-Sep-16	11:10:03	61.4	65.2	56	88.5	61.4	---	---	61.4	8.28E+07	61.4
1057	15-Sep-16	11:11:03	62.6	64.7	60.2	85.8	62.6	---	---	62.6	1.09E+08	62.6
1058	15-Sep-16	11:12:03	62.9	70.4	57.1	89.5	62.9	---	---	62.9	1.17E+08	62.9
1059	15-Sep-16	11:13:03	62.8	66.4	57.9	86.3	62.8	---	---	62.8	1.14E+08	62.8
1060	15-Sep-16	11:14:03	63.7	66.4	59.9	89.9	63.7	---	---	63.7	1.41E+08	63.7
1061	15-Sep-16	11:15:03	63.7	65.9	60.9	88.1	63.7	---	---	63.7	1.41E+08	63.7
1062	15-Sep-16	11:16:03	63.2	65.9	59.4	89.2	63.2	---	---	63.2	1.25E+08	63.2
1063	15-Sep-16	11:17:03	63.8	69.2	60.2	88.5	63.8	---	---	63.8	1.44E+08	63.8
1064	15-Sep-16	11:18:03	63.6	65.8	61.9	87.7	63.6	---	---	63.6	1.37E+08	63.6
1065	15-Sep-16	11:19:03	63.2	65.4	57.1	87.3	63.2	---	---	63.2	1.25E+08	63.2
1066	15-Sep-16	11:20:03	61.6	64.2	59	90.8	61.6	---	---	61.6	8.67E+07	61.6
1067	15-Sep-16	11:21:03	62.8	66	60	86.8	62.8	---	---	62.8	1.14E+08	62.8
1068	15-Sep-16	11:22:03	63.2	67.6	60.3	88.1	63.2	---	---	63.2	1.25E+08	63.2
1069	15-Sep-16	11:23:03	60.9	64.1	57.9	85.3	60.9	---	---	60.9	7.38E+07	60.9
1070	15-Sep-16	11:24:03	60.7	63.1	58.3	87.7	60.7	---	---	60.7	7.05E+07	60.7
1071	15-Sep-16	11:25:03	61.7	66.2	58.2	88.1	61.7	---	---	61.7	8.87E+07	61.7
1072	15-Sep-16	11:26:03	63.2	67.9	58.9	87.7	63.2	---	---	63.2	1.25E+08	63.2
1073	15-Sep-16	11:27:03	62.7	65.8	58.3	88.5	62.7	---	---	62.7	1.12E+08	62.7
1074	15-Sep-16	11:28:03	62.1	65.2	58.6	88.1	62.1	---	---	62.1	9.73E+07	62.1
1075	15-Sep-16	11:29:03	61.6	64.7	57.8	87.7	61.6	---	---	61.6	8.67E+07	61.6
1076	15-Sep-16	11:30:03	62.9	66.9	59	89.2	62.9	---	---	62.9	1.17E+08	62.9
1077	15-Sep-16	11:31:03	63.2	65.8	60.3	89.9	63.2	---	---	63.2	1.25E+08	63.2
1078	15-Sep-16	11:32:03	63.7	66.7	59.7	95.2	63.7	---	---	63.7	1.41E+08	63.7
1079	15-Sep-16	11:33:03	63.2	70.2	58.2	89.5	63.2	---	---	63.2	1.25E+08	63.2
1080	15-Sep-16	11:34:03	62.4	65.2	58.2	87.7	62.4	---	---	62.4	1.04E+08	62.4
1081	15-Sep-16	11:35:03	63.7	66.6	60.2	91.3	63.7	---	---	63.7	1.41E+08	63.7
1082	15-Sep-16	11:36:03	63	68.3	57.6	88.1	63	---	---	63	1.20E+08	63.0
1083	15-Sep-16	11:37:03	63.1	67.2	60.5	91.3	63.1	---	---	63.1	1.23E+08	63.1
1084	15-Sep-16	11:38:03	62.2	65.9	58.5	90.2	62.2	---	---	62.2	9.96E+07	62.2
1085	15-Sep-16	11:39:03	63.6	68.8	60.9	89.9	63.6	---	---	63.6	1.37E+08	63.6
1086	15-Sep-16	11:40:03	64.5	69	59.8	90.8	64.5	---	---	64.5	1.69E+08	64.5
1087	15-Sep-16	11:41:03	63.7	67.1	59.3	88.1	63.7	---	---	63.7	1.41E+08	63.7
1088	15-Sep-16	11:42:03	63.3	68.1	59.9	88.1	63.3	---	---	63.3	1.28E+08	63.3
1089	15-Sep-16	11:43:03	65.9	74.7	61.1	93.7	65.9	---	---	65.9	2.33E+08	65.9
1090	15-Sep-16	11:44:03	62.7	64.6	59.4	88.5	62.7	---	---	62.7	1.12E+08	62.7
1091	15-Sep-16	11:45:03	62.8	66.2	59.1	87.7	62.8	---	---	62.8	1.14E+08	62.8
1092	15-Sep-16	11:46:03	63.3	68.5	60.2	86.3	63.3	---	---	63.3	1.28E+08	63.3
1093	15-Sep-16	11:47:03	63.8	67.2	61.7	87.3	63.8	---	---	63.8	1.44E+08	63.8
1094	15-Sep-16	11:48:03	64.5	67.6	61.4	89.2	64.5	---	---	64.5	1.69E+08	64.5
1095	15-Sep-16	11:49:03	63.4	66.2	60.5	85.3	63.4	---	---	63.4	1.31E+08	63.4
1096	15-Sep-16	11:50:03	64.8	67.4	63	89.5	64.8	---	---	64.8	1.81E+08	64.8
1097	15-Sep-16	11:51:03	62.2	65.3	57.9	88.1	62.2	---	---	62.2	9.96E+07	62.2
1098	15-Sep-16	11:52:03	63.8	66.7	61	88.1	63.8	---	---	63.8	1.44E+08	63.8
1099	15-Sep-16	11:53:03	63.9	68.5	60.9	88.9	63.9	---	---	63.9	1.47E+08	63.9
1100	15-Sep-16	11:54:03	62.6	66.5	60.4	88.1	62.6	---	---	62.6	1.09E+08	62.6
1101	15-Sep-16	11:55:03	63.5	66.5	59.6	89.9	63.5	---	---	63.5	1.34E+08	63.5

1102	15-Sep-16	11:56:03	63.7	66.8	59.1	88.1	63.7	---	63.7	1.41E+08	63.7
1103	15-Sep-16	11:57:03	62.7	68.9	59	86.3	62.7	---	62.7	1.12E+08	62.7
1104	15-Sep-16	11:58:03	62	64.3	60	85.3	62	---	62	9.51E+07	62.0
1105	15-Sep-16	11:59:03	63.3	66.3	60.3	90.2	63.3	---	63.3	1.28E+08	63.3
										7.27E+09	63.1
1106	15-Sep-16	12:00:03	64.5	68.2	59.7	89.2	64.5	---	64.5	1.69E+08	64.5
1107	15-Sep-16	12:01:03	64.8	72.7	58.9	91.1	64.8	---	64.8	1.81E+08	64.8
1108	15-Sep-16	12:02:03	64.5	71.5	60.9	87.7	64.5	---	64.5	1.69E+08	64.5
1109	15-Sep-16	12:03:03	64.1	68.1	61.6	91.1	64.1	---	64.1	1.54E+08	64.1
1110	15-Sep-16	12:04:03	63.6	66.3	60.5	88.5	63.6	---	63.6	1.37E+08	63.6
1111	15-Sep-16	12:05:03	63.9	68.3	59.7	89.5	63.9	---	63.9	1.47E+08	63.9
1112	15-Sep-16	12:06:03	63.2	66.7	59.6	88.1	63.2	---	63.2	1.25E+08	63.2
1113	15-Sep-16	12:07:03	63.1	68.8	58.8	90.8	63.1	---	63.1	1.23E+08	63.1
1114	15-Sep-16	12:08:03	63.3	68.3	59.6	87.7	63.3	---	63.3	1.28E+08	63.3
1115	15-Sep-16	12:09:03	64.5	70.6	58.7	88.9	64.5	---	64.5	1.69E+08	64.5
1116	15-Sep-16	12:10:03	62.3	68.2	58.1	89.2	62.3	---	62.3	1.02E+08	62.3
1117	15-Sep-16	12:11:03	62.5	64.2	59.5	86.8	62.5	---	62.5	1.07E+08	62.5
1118	15-Sep-16	12:12:03	64	66.9	61.4	89.2	64	---	64	1.51E+08	64.0
1119	15-Sep-16	12:13:03	62.6	65.9	59.7	84.8	62.6	---	62.6	1.09E+08	62.6
1120	15-Sep-16	12:14:03	63.4	69.2	59.5	87.7	63.4	---	63.4	1.31E+08	63.4
1121	15-Sep-16	12:15:03	62.8	68	57.1	89.5	62.8	---	62.8	1.14E+08	62.8
1122	15-Sep-16	12:16:03	63.2	69.8	59.2	90.5	63.2	---	63.2	1.25E+08	63.2
1123	15-Sep-16	12:17:03	63.5	65.5	60.6	88.9	63.5	---	63.5	1.34E+08	63.5
1124	15-Sep-16	12:18:03	64.3	67.4	62	92.6	64.3	---	64.3	1.61E+08	64.3
1125	15-Sep-16	12:19:03	63.9	67.4	61.2	87.7	63.9	---	63.9	1.47E+08	63.9
1126	15-Sep-16	12:20:03	63.9	67.6	60.4	88.9	63.9	---	63.9	1.47E+08	63.9
1127	15-Sep-16	12:21:03	63.7	68.4	59.5	89.5	63.7	---	63.7	1.41E+08	63.7
1128	15-Sep-16	12:22:03	62.2	64.7	60.2	89.2	62.2	---	62.2	9.96E+07	62.2
1129	15-Sep-16	12:23:03	62	66.6	58.2	88.9	62	---	62	9.51E+07	62.0
1130	15-Sep-16	12:24:03	62.2	65.6	58.4	85.3	62.2	---	62.2	9.96E+07	62.2
1131	15-Sep-16	12:25:03	62.2	65.5	58.9	88.1	62.2	---	62.2	9.96E+07	62.2
1132	15-Sep-16	12:26:03	62.9	66.6	59.8	87.3	62.9	---	62.9	1.17E+08	62.9
1133	15-Sep-16	12:27:03	61.8	66.8	56.5	87.7	61.8	---	61.8	9.08E+07	61.8
1134	15-Sep-16	12:28:03	62.7	66	58.9	90.8	62.7	---	62.7	1.12E+08	62.7
1135	15-Sep-16	12:29:03	62.3	65.3	55.8	88.1	62.3	---	62.3	1.02E+08	62.3
1136	15-Sep-16	12:30:03	63.5	66.3	60.3	88.9	63.5	---	63.5	1.34E+08	63.5
1137	15-Sep-16	12:31:03	63.8	67.6	61	86.8	63.8	---	63.8	1.44E+08	63.8
1138	15-Sep-16	12:32:03	63.9	66.9	61	86.8	63.9	---	63.9	1.47E+08	63.9
1139	15-Sep-16	12:33:03	62.9	67	57.3	86.3	62.9	---	62.9	1.17E+08	62.9
1140	15-Sep-16	12:34:03	63.9	69	60.3	89.2	63.9	---	63.9	1.47E+08	63.9
1141	15-Sep-16	12:35:03	61.5	64.3	58.7	85.8	61.5	---	61.5	8.48E+07	61.5
1142	15-Sep-16	12:36:03	63.2	70.5	59.4	96	63.2	---	63.2	1.25E+08	63.2
1143	15-Sep-16	12:37:03	61.7	66.9	58	89.9	61.7	---	61.7	8.87E+07	61.7
1144	15-Sep-16	12:38:03	63.6	66.8	59.4	87.3	63.6	---	63.6	1.37E+08	63.6
1145	15-Sep-16	12:39:03	63.9	69	60	87.7	63.9	---	63.9	1.47E+08	63.9
1146	15-Sep-16	12:40:03	65	70.6	61.1	87.7	65	---	65	1.90E+08	65.0
1147	15-Sep-16	12:41:03	65.3	70.7	62.2	90.2	65.3	---	65.3	2.03E+08	65.3
1148	15-Sep-16	12:42:03	64.8	68.5	61.1	90.5	64.8	---	64.8	1.81E+08	64.8
1149	15-Sep-16	12:43:03	64.9	69.5	61.3	88.9	64.9	---	64.9	1.85E+08	64.9
1150	15-Sep-16	12:44:03	63.8	69	60.7	88.1	63.8	---	63.8	1.44E+08	63.8
1151	15-Sep-16	12:45:03	64.6	67.2	60.6	87.7	64.6	---	64.6	1.73E+08	64.6
1152	15-Sep-16	12:46:03	63.4	67.4	59.3	88.5	63.4	---	63.4	1.31E+08	63.4
1153	15-Sep-16	12:47:03	64.4	67.9	59.3	88.1	64.4	---	64.4	1.65E+08	64.4
1154	15-Sep-16	12:48:03	64.1	68.8	60.2	88.5	64.1	---	64.1	1.54E+08	64.1
1155	15-Sep-16	12:49:03	62.6	64.7	57.3	87.3	62.6	---	62.6	1.09E+08	62.6
1156	15-Sep-16	12:50:03	64.6	68.2	62.3	89.5	64.6	---	64.6	1.73E+08	64.6
1157	15-Sep-16	12:51:03	63.5	66.7	60.7	88.5	63.5	---	63.5	1.34E+08	63.5
1158	15-Sep-16	12:52:03	63.7	66.1	60.8	88.5	63.7	---	63.7	1.41E+08	63.7
1159	15-Sep-16	12:53:03	64.8	72	60.8	91.3	64.8	---	64.8	1.81E+08	64.8
1160	15-Sep-16	12:54:03	63.8	67.7	60	87.3	63.8	---	63.8	1.44E+08	63.8
1161	15-Sep-16	12:55:03	63	68.1	59.6	90.5	63	---	63	1.20E+08	63.0
1162	15-Sep-16	12:56:03	62.6	66.3	59.6	90.8	62.6	---	62.6	1.09E+08	62.6
1163	15-Sep-16	12:57:03	62.5	66.1	59.6	89.2	62.5	---	62.5	1.07E+08	62.5
1164	15-Sep-16	12:58:03	64	67	61.1	89.2	64	---	64	1.51E+08	64.0
1165	15-Sep-16	12:59:03	63.4	70.4	59.4	92.4	63.4	---	63.4	1.31E+08	63.4
										8.19E+09	63.6
1166	15-Sep-16	13:00:03	62.5	65.7	60.4	86.3	62.5	---	62.5	1.07E+08	62.5
1167	15-Sep-16	13:01:03	62.3	64.8	59	89.5	62.3	---	62.3	1.02E+08	62.3
1168	15-Sep-16	13:02:03	65.2	71.4	60.6	91.9	65.2	---	65.2	1.99E+08	65.2
1169	15-Sep-16	13:03:03	64.2	68.1	60.2	89.5	64.2	---	64.2	1.58E+08	64.2
1170	15-Sep-16	13:04:03	62.8	66.9	59.4	87.7	62.8	---	62.8	1.14E+08	62.8
1171	15-Sep-16	13:05:03	63.8	70.3	59.7	95	63.8	---	63.8	1.44E+08	63.8
1172	15-Sep-16	13:06:03	63.8	66.3	61.3	86.3	63.8	---	63.8	1.44E+08	63.8
1173	15-Sep-16	13:07:03	62.8	66.2	58.2	89.2	62.8	---	62.8	1.14E+08	62.8
1174	15-Sep-16	13:08:03	62	64.7	58.4	89.2	62	---	62	9.51E+07	62.0
1175	15-Sep-16	13:09:03	62.4	65.9	58.7	90.2	62.4	---	62.4	1.04E+08	62.4
1176	15-Sep-16	13:10:03	61.5	64.4	58.4	87.3	61.5	---	61.5	8.48E+07	61.5
1177	15-Sep-16	13:11:03	63	66.9	60.1	88.1	63	---	63	1.20E+08	63.0
1178	15-Sep-16	13:12:03	64	69.3	60.3	90.5	64	---	64	1.51E+08	64.0
1179	15-Sep-16	13:13:03	62.7	65.2	59.1	88.5	62.7	---	62.7	1.12E+08	62.7
1180	15-Sep-16	13:14:03	61.6	65.5	58.8	86.3	61.6	---	61.6	8.67E+07	61.6
1181	15-Sep-16	13:15:03	63.8	68.3	60.6	88.9	63.8	---	63.8	1.44E+08	63.8

1182	15-Sep-16	13:16:03	64	68.8	59.6	87.7	64	---	64	1.51E+08	64.0
1183	15-Sep-16	13:17:03	61.8	65.8	59.6	89.2	61.8	---	61.8	9.08E+07	61.8
1184	15-Sep-16	13:18:03	63.4	65.9	60.4	87.3	63.4	---	63.4	1.31E+08	63.4
1185	15-Sep-16	13:19:03	64	68.3	60.2	87.7	64	---	64	1.51E+08	64.0
1186	15-Sep-16	13:20:03	62.7	65.8	60.7	86.8	62.7	---	62.7	1.12E+08	62.7
1187	15-Sep-16	13:21:03	62.8	66.7	59.2	88.5	62.8	---	62.8	1.14E+08	62.8
1188	15-Sep-16	13:22:03	62.1	64.6	58.7	88.9	62.1	---	62.1	9.73E+07	62.1
1189	15-Sep-16	13:23:03	61.7	66.1	58.6	85.8	61.7	---	61.7	8.87E+07	61.7
1190	15-Sep-16	13:24:03	63	65.9	60.4	86.8	63	---	63	1.20E+08	63.0
1191	15-Sep-16	13:25:03	63.9	71.5	59.9	90.2	63.9	---	63.9	1.47E+08	63.9
1192	15-Sep-16	13:26:03	63	67.7	59.4	89.5	63	---	63	1.20E+08	63.0
1193	15-Sep-16	13:27:03	62.9	67.8	59.7	86.3	62.9	---	62.9	1.17E+08	62.9
1194	15-Sep-16	13:28:03	62.9	65.6	60.1	86.8	62.9	---	62.9	1.17E+08	62.9
1195	15-Sep-16	13:29:03	63.6	68.6	60.1	89.5	63.6	---	63.6	1.37E+08	63.6
1196	15-Sep-16	13:30:03	63.3	67.9	58.3	89.2	63.3	---	63.3	1.28E+08	63.3
1197	15-Sep-16	13:31:03	62.6	67.5	59.2	87.7	62.6	---	62.6	1.09E+08	62.6
1198	15-Sep-16	13:32:03	62	65.1	58.9	86.8	62	---	62	9.51E+07	62.0
1199	15-Sep-16	13:33:03	64.2	67.1	61.3	88.1	64.2	---	64.2	1.58E+08	64.2
1200	15-Sep-16	13:34:03	62.8	65.5	60	87.3	62.8	---	62.8	1.14E+08	62.8
1201	15-Sep-16	13:35:03	62.6	65.9	57.5	86.8	62.6	---	62.6	1.09E+08	62.6
1202	15-Sep-16	13:36:03	62.5	67.6	59.5	88.5	62.5	---	62.5	1.07E+08	62.5
1203	15-Sep-16	13:37:03	64.1	69.8	60.4	91.1	64.1	---	64.1	1.54E+08	64.1
1204	15-Sep-16	13:38:03	63.5	68.7	60.1	91.1	63.5	---	63.5	1.34E+08	63.5
1205	15-Sep-16	13:39:03	63.9	68.3	60.7	89.2	63.9	---	63.9	1.47E+08	63.9
1206	15-Sep-16	13:40:03	63.6	65.9	60.1	89.9	63.6	---	63.6	1.37E+08	63.6
1207	15-Sep-16	13:41:03	63.4	67.5	61.5	91.3	63.4	---	63.4	1.31E+08	63.4
1208	15-Sep-16	13:42:03	63.8	67.1	59.9	86.8	63.8	---	63.8	1.44E+08	63.8
1209	15-Sep-16	13:43:03	64.4	68.5	61.4	88.1	64.4	---	64.4	1.65E+08	64.4
1210	15-Sep-16	13:44:03	62.9	67.4	59.4	87.3	62.9	---	62.9	1.17E+08	62.9
1211	15-Sep-16	13:45:03	61.5	64.5	58	89.2	61.5	---	61.5	8.48E+07	61.5
1212	15-Sep-16	13:46:03	63.9	68.6	60.4	90.5	63.9	---	63.9	1.47E+08	63.9
1213	15-Sep-16	13:47:03	63	67.8	59.3	86.8	63	---	63	1.20E+08	63.0
1214	15-Sep-16	13:48:03	62.7	66.3	59.9	88.1	62.7	---	62.7	1.12E+08	62.7
1215	15-Sep-16	13:49:03	63.5	66.3	58.8	92.1	63.5	---	63.5	1.34E+08	63.5
1216	15-Sep-16	13:50:03	62.9	65.5	61.1	87.7	62.9	---	62.9	1.17E+08	62.9
1217	15-Sep-16	13:51:03	63.1	67.1	59	88.9	63.1	---	63.1	1.23E+08	63.1
1218	15-Sep-16	13:52:03	62.9	66.2	61	87.7	62.9	---	62.9	1.17E+08	62.9
1219	15-Sep-16	13:53:03	63.5	69.1	60.1	85.3	63.5	---	63.5	1.34E+08	63.5
1220	15-Sep-16	13:54:03	64.9	68.5	61.8	88.5	64.9	---	64.9	1.85E+08	64.9
1221	15-Sep-16	13:55:03	63.9	69.8	60.3	89.2	63.9	---	63.9	1.47E+08	63.9
1222	15-Sep-16	13:56:03	63.2	66.7	60.3	86.3	63.2	---	63.2	1.25E+08	63.2
1223	15-Sep-16	13:57:03	64.4	67.3	61.6	88.5	64.4	---	64.4	1.65E+08	64.4
1224	15-Sep-16	13:58:03	64.6	68	61.5	88.1	64.6	---	64.6	1.73E+08	64.6
1225	15-Sep-16	13:59:03	63.4	65.7	60.5	88.5	63.4	---	63.4	1.31E+08	63.4
										7.64E+09	63.3

1226	15-Sep-16	14:00:03	63.4	68.6	60.3	89.9	63.4	---	63.4	1.31E+08	63.4
1227	15-Sep-16	14:01:03	62	66.5	58.3	86.3	62	---	62	9.51E+07	62.0
1228	15-Sep-16	14:02:03	62.5	69.1	59.2	88.9	62.5	---	62.5	1.07E+08	62.5
1229	15-Sep-16	14:03:03	64.2	71	61	89.5	64.2	---	64.2	1.58E+08	64.2
1230	15-Sep-16	14:04:03	62.4	66.4	59.2	85.3	62.4	---	62.4	1.04E+08	62.4
1231	15-Sep-16	14:05:03	64.2	67.4	58.5	86.3	64.2	---	64.2	1.58E+08	64.2
1232	15-Sep-16	14:06:03	62.3	64.7	59.4	84.8	62.3	---	62.3	1.02E+08	62.3
1233	15-Sep-16	14:07:03	63.5	69.1	60.7	89.5	63.5	---	63.5	1.34E+08	63.5
1234	15-Sep-16	14:08:03	63.2	65.3	60.7	89.5	63.2	---	63.2	1.25E+08	63.2
1235	15-Sep-16	14:09:03	64.7	69.7	60.7	89.2	64.7	---	64.7	1.77E+08	64.7
1236	15-Sep-16	14:10:03	62.3	66.5	59.2	87.3	62.3	---	62.3	1.02E+08	62.3
1237	15-Sep-16	14:11:03	60.8	62.6	58.4	85.8	60.8	---	60.8	7.21E+07	60.8
1238	15-Sep-16	14:12:03	62.5	65.2	59	87.7	62.5	---	62.5	1.07E+08	62.5
1239	15-Sep-16	14:13:03	63.6	66.8	60.8	91.9	63.6	---	63.6	1.37E+08	63.6
1240	15-Sep-16	14:14:03	63.5	67.4	59.7	88.5	63.5	---	63.5	1.34E+08	63.5
1241	15-Sep-16	14:15:03	61.3	63.7	58.9	86.8	61.3	---	61.3	8.09E+07	61.3
1242	15-Sep-16	14:16:03	63.7	67.7	60.6	91.1	63.7	---	63.7	1.41E+08	63.7
1243	15-Sep-16	14:17:03	64.6	70.2	61.4	87.7	64.6	---	64.6	1.73E+08	64.6
1244	15-Sep-16	14:18:03	63	65.6	60.1	88.9	63	---	63	1.20E+08	63.0
1245	15-Sep-16	14:19:03	63.6	67	61.1	86.8	63.6	---	63.6	1.37E+08	63.6
1246	15-Sep-16	14:20:03	62.6	64.6	60.3	88.5	62.6	---	62.6	1.09E+08	62.6
1247	15-Sep-16	14:21:03	63.3	65.8	60.1	86.8	63.3	---	63.3	1.28E+08	63.3
1248	15-Sep-16	14:22:03	63.1	65.2	60.1	87.3	63.1	---	63.1	1.23E+08	63.1
1249	15-Sep-16	14:23:03	63.5	70.2	59.8	87.3	63.5	---	63.5	1.34E+08	63.5
1250	15-Sep-16	14:24:03	63	69.7	59.8	89.9	63	---	63	1.20E+08	63.0
1251	15-Sep-16	14:25:03	62.7	66.2	60.7	85.3	62.7	---	62.7	1.12E+08	62.7
1252	15-Sep-16	14:26:03	63.2	66	60	88.1	63.2	---	63.2	1.25E+08	63.2
1253	15-Sep-16	14:27:03	63	66.2	59.3	89.2	63	---	63	1.20E+08	63.0
1254	15-Sep-16	14:28:03	62.3	65.6	58.6	86.8	62.3	---	62.3	1.02E+08	62.3
1255	15-Sep-16	14:29:03	62.8	66.8	59.8	89.9	62.8	---	62.8	1.14E+08	62.8
1256	15-Sep-16	14:30:03	64	70.2	60	87.7	64	---	64	1.51E+08	64.0
1257	15-Sep-16	14:31:03	62.5	65.9	58.7	89.2	62.5	---	62.5	1.07E+08	62.5
1258	15-Sep-16	14:32:03	62.6	65	60.5	86.8	62.6	---	62.6	1.09E+08	62.6
1259	15-Sep-16	14:33:03	62.8	65.3	59.7	91.1	62.8	---	62.8	1.14E+08	62.8
1260	15-Sep-16	14:34:03	64.3	72.2	59.9	90.5	64.3	---	64.3	1.61E+08	64.3
1261	15-Sep-16	14:35:03	63.7	66.6	60.7	88.1	63.7	---	63.7	1.41E+08	63.7
1262	15-Sep-16	14:36:03	62.5	66.2	58.8	88.5	62.5	---	62.5	1.07E+08	62.5
1263	15-Sep-16	14:37:03	60.6	63.5	57	88.5	60.6	---	60.6	6.89E+07	60.6
1264	15-Sep-16	14:38:03	59.9	63.1	56.9	85.3	59.9	---	59.9	5.86E+07	59.9

1265	15-Sep-16	14:39:03	62.3	66.9	58.6	89.5	62.3	---	---	62.3	1.02E+08	62.3
1266	15-Sep-16	14:40:03	59.4	64.7	56.6	89.9	59.4	---	---	59.4	5.23E+07	59.4
1267	15-Sep-16	14:41:03	57.7	59.9	55.3	84.8	57.7	---	---	57.7	3.53E+07	57.7
1268	15-Sep-16	14:42:03	60.4	69.3	56.6	92.6	60.4	---	---	60.4	6.58E+07	60.4
1269	15-Sep-16	14:43:03	59.4	62.3	57	85.8	59.4	---	---	59.4	5.23E+07	59.4
1270	15-Sep-16	14:44:03	59.5	62.9	57.6	84.8	59.5	---	---	59.5	5.35E+07	59.5
1271	15-Sep-16	14:45:03	59.5	61.5	57.5	85.8	59.5	---	---	59.5	5.35E+07	59.5
1272	15-Sep-16	14:46:03	58.3	61.4	54.2	84.8	58.3	---	---	58.3	4.06E+07	58.3
1273	15-Sep-16	14:47:03	58.5	64.6	55.1	88.5	58.5	---	---	58.5	4.25E+07	58.5
1274	15-Sep-16	14:48:03	59.2	62.2	57.4	85.8	59.2	---	---	59.2	4.99E+07	59.2
1275	15-Sep-16	14:49:03	60.4	64.7	57.7	86.8	60.4	---	---	60.4	6.58E+07	60.4
1276	15-Sep-16	14:50:03	59.9	62.4	57.2	85.3	59.9	---	---	59.9	5.86E+07	59.9
1277	15-Sep-16	14:51:03	57	60.3	53.7	83.5	57	---	---	57	3.01E+07	57.0
1278	15-Sep-16	14:52:03	55.5	57.7	52.3	88.1	55.5	---	---	55.5	2.13E+07	55.5
1279	15-Sep-16	14:53:03	58.3	62.7	54.9	86.3	58.3	---	---	58.3	4.06E+07	58.3
1280	15-Sep-16	14:54:03	58.6	61.4	54.7	85.3	58.6	---	---	58.6	4.35E+07	58.6
1281	15-Sep-16	14:55:03	58	62.7	54.9	88.1	58	---	---	58	3.79E+07	58.0
1282	15-Sep-16	14:56:03	57.6	61.5	54.5	85.8	57.6	---	---	57.6	3.45E+07	57.6
1283	15-Sep-16	14:57:03	56.1	58.8	53.7	84.1	56.1	---	---	56.1	2.44E+07	56.1
1284	15-Sep-16	14:58:03	58.4	70	51.4	91.3	58.4	---	---	58.4	4.15E+07	58.4
1285	15-Sep-16	14:59:03	56.6	61.1	53.3	87.3	56.6	---	---	56.6	2.74E+07	56.6
											5.67E+09	62.0
1286	15-Sep-16	15:00:03	56.6	62	53.2	89.5	56.6	---	---	56.6	2.74E+07	56.6
1287	15-Sep-16	15:01:03	56.4	59.9	53.1	85.3	56.4	---	---	56.4	2.62E+07	56.4
1288	15-Sep-16	15:02:03	57.2	59.5	53.8	87.3	57.2	---	---	57.2	3.15E+07	57.2
1289	15-Sep-16	15:03:03	55.6	59.7	52.8	85.8	55.6	---	---	55.6	2.18E+07	55.6
1290	15-Sep-16	15:04:03	56.9	62.3	53.7	85.8	56.9	---	---	56.9	2.94E+07	56.9
1291	15-Sep-16	15:05:03	58.8	62.2	55.5	87.3	58.8	---	---	58.8	4.55E+07	58.8
1292	15-Sep-16	15:06:03	56.3	60.7	53.7	89.2	56.3	---	---	56.3	2.56E+07	56.3
1293	15-Sep-16	15:07:03	56.7	60.8	54.3	84.8	56.7	---	---	56.7	2.81E+07	56.7
1294	15-Sep-16	15:08:03	56.3	59.6	54.6	85.8	56.3	---	---	56.3	2.56E+07	56.3
1295	15-Sep-16	15:09:03	55.3	57.9	52.9	85.8	55.3	---	---	55.3	2.03E+07	55.3
1296	15-Sep-16	15:10:03	55.8	57.2	54	84.1	55.8	---	---	55.8	2.28E+07	55.8
1297	15-Sep-16	15:11:03	55.9	58.8	53.5	85.3	55.9	---	---	55.9	2.33E+07	55.9
1298	15-Sep-16	15:12:03	59.2	67.3	54.7	89.9	59.2	---	---	59.2	4.99E+07	59.2
1299	15-Sep-16	15:13:03	54.1	56	51.6	85.3	54.1	---	---	54.1	1.54E+07	54.1
1300	15-Sep-16	15:14:03	56.8	66	52.8	90.8	56.8	---	---	56.8	2.87E+07	56.8
1301	15-Sep-16	15:15:03	56.3	58.3	53.9	84.1	56.3	---	---	56.3	2.56E+07	56.3
1302	15-Sep-16	15:16:03	57.1	63.6	54.1	87.3	57.1	---	---	57.1	3.08E+07	57.1
1303	15-Sep-16	15:17:03	60.3	66.4	58.2	86.3	60.3	---	---	60.3	6.43E+07	60.3
1304	15-Sep-16	15:18:03	58.7	60.2	56.3	84.8	58.7	---	---	58.7	4.45E+07	58.7
1305	15-Sep-16	15:19:03	60.2	62.9	57.2	87.3	60.2	---	---	60.2	6.28E+07	60.2
1306	15-Sep-16	15:20:03	59.8	62.4	57	87.7	59.8	---	---	59.8	5.73E+07	59.8
1307	15-Sep-16	15:21:03	58.1	61.4	55.1	84.8	58.1	---	---	58.1	3.87E+07	58.1
1308	15-Sep-16	15:22:03	59.4	65.5	56.8	86.8	59.4	---	---	59.4	5.23E+07	59.4
1309	15-Sep-16	15:23:03	59.8	63.5	57.6	84.8	59.8	---	---	59.8	5.73E+07	59.8
1310	15-Sep-16	15:24:03	61.5	71.5	55.7	98.8	61.5	---	---	61.5	8.48E+07	61.5
1311	15-Sep-16	15:25:03	58.4	61.4	55.2	86.3	58.4	---	---	58.4	4.15E+07	58.4
1312	15-Sep-16	15:26:03	58.4	61.4	56.3	85.3	58.4	---	---	58.4	4.15E+07	58.4
1313	15-Sep-16	15:27:03	61.8	72.7	57.1	96.4	61.8	---	---	61.8	9.08E+07	61.8
1314	15-Sep-16	15:28:03	57.3	61.6	54.5	91.1	57.3	---	---	57.3	3.22E+07	57.3
1315	15-Sep-16	15:29:03	58.3	62.1	55.8	88.1	58.3	---	---	58.3	4.06E+07	58.3
1316	15-Sep-16	15:30:03	59.8	63.7	57.4	85.3	59.8	---	---	59.8	5.73E+07	59.8
1317	15-Sep-16	15:31:03	61.1	65.8	58.4	86.8	61.1	---	---	61.1	7.73E+07	61.1
1318	15-Sep-16	15:32:03	61.2	65.4	57.7	88.1	61.2	---	---	61.2	7.91E+07	61.2
1319	15-Sep-16	15:33:03	61.1	68.6	56.6	90.8	61.1	---	---	61.1	7.73E+07	61.1
1320	15-Sep-16	15:34:03	59.6	68.7	55.4	88.9	59.6	---	---	59.6	5.47E+07	59.6
1321	15-Sep-16	15:35:03	58.6	61.7	56.7	86.8	58.6	---	---	58.6	4.35E+07	58.6
1322	15-Sep-16	15:36:03	59	60.8	57.4	85.8	59	---	---	59	4.77E+07	59.0
1323	15-Sep-16	15:37:03	58.5	60.1	56.6	82.8	58.5	---	---	58.5	4.25E+07	58.5
1324	15-Sep-16	15:38:03	58.7	62.7	56.4	88.9	58.7	---	---	58.7	4.45E+07	58.7
1325	15-Sep-16	15:39:03	59.5	69.2	54.1	95.2	59.5	---	---	59.5	5.35E+07	59.5
1326	15-Sep-16	15:40:03	56.1	58.6	53.2	85.3	56.1	---	---	56.1	2.44E+07	56.1
1327	15-Sep-16	15:41:03	59.3	66.2	55.3	89.2	59.3	---	---	59.3	5.11E+07	59.3
1328	15-Sep-16	15:42:03	57.5	60.2	54.9	90.2	57.5	---	---	57.5	3.37E+07	57.5
1329	15-Sep-16	15:43:03	57	59.8	52.6	84.8	57	---	---	57	3.01E+07	57.0
1330	15-Sep-16	15:44:03	56.7	59.8	54.8	88.5	56.7	---	---	56.7	2.81E+07	56.7
1331	15-Sep-16	15:45:03	58.2	65.8	55	87.3	58.2	---	---	58.2	3.96E+07	58.2
1332	15-Sep-16	15:46:03	60.1	70.5	54.7	94.1	60.1	---	---	60.1	6.14E+07	60.1
1333	15-Sep-16	15:47:03	60.8	65.1	57.7	85.8	60.8	---	---	60.8	7.21E+07	60.8
1334	15-Sep-16	15:48:03	59	62	55.9	84.1	59	---	---	59	4.77E+07	59.0
1335	15-Sep-16	15:49:03	56.6	59.2	53.8	83.5	56.6	---	---	56.6	2.74E+07	56.6
1336	15-Sep-16	15:50:03	57.2	61.4	54.2	85.8	57.2	---	---	57.2	3.15E+07	57.2
1337	15-Sep-16	15:51:03	55.4	57.3	53.2	83.5	55.4	---	---	55.4	2.08E+07	55.4
1338	15-Sep-16	15:52:03	56.7	61.3	52.9	86.8	56.7	---	---	56.7	2.81E+07	56.7
1339	15-Sep-16	15:53:03	56.2	58.9	54.1	86.8	56.2	---	---	56.2	2.50E+07	56.2
1340	15-Sep-16	15:54:03	55.8	59.7	51.8	84.1	55.8	---	---	55.8	2.28E+07	55.8
1341	15-Sep-16	15:55:03	58.4	62.2	54.8	88.9	58.4	---	---	58.4	4.15E+07	58.4
1342	15-Sep-16	15:56:03	58.2	62.9	54.5	84.8	58.2	---	---	58.2	3.96E+07	58.2
1343	15-Sep-16	15:57:03	58.1	63.7	53.8	90.2	58.1	---	---	58.1	3.87E+07	58.1
1344	15-Sep-16	15:58:03	58.2	62.7	54.8	85.8	58.2	---	---	58.2	3.96E+07	58.2
1345	15-Sep-16	15:59:03	58.5	64.4	55.5	84.8	58.5	---	---	58.5	4.25E+07	58.5
											2.51E+09	58.4

1346	15-Sep-16	16:00:03	57.6	59.1	55.9	85.8	57.6	---	57.6	3.45E+07	57.6
1347	15-Sep-16	16:01:03	57.1	58.3	55.4	85.3	57.1	---	57.1	3.08E+07	57.1
1348	15-Sep-16	16:02:03	57.7	63.4	55	86.3	57.7	---	57.7	3.53E+07	57.7
1349	15-Sep-16	16:03:03	58.3	68.1	54.7	91.3	58.3	---	58.3	4.06E+07	58.3
1350	15-Sep-16	16:04:03	56.3	58.2	54.3	84.1	56.3	---	56.3	2.56E+07	56.3
1351	15-Sep-16	16:05:03	55.8	57.7	53.6	82.1	55.8	---	55.8	2.28E+07	55.8
1352	15-Sep-16	16:06:03	57.3	63.4	53.6	84.8	57.3	---	57.3	3.22E+07	57.3
1353	15-Sep-16	16:07:03	56.9	60.4	54.6	84.1	56.9	---	56.9	2.94E+07	56.9
1354	15-Sep-16	16:08:03	57	61.8	54.1	83.5	57	---	57	3.01E+07	57.0
1355	15-Sep-16	16:09:03	58.9	65.4	54.8	88.5	58.9	---	58.9	4.66E+07	58.9
1356	15-Sep-16	16:10:03	59.7	66.3	55.9	90.2	59.7	---	59.7	5.60E+07	59.7
1357	15-Sep-16	16:11:03	59.1	65.2	55.4	85.8	59.1	---	59.1	4.88E+07	59.1
1358	15-Sep-16	16:12:03	57.3	60.3	55.8	87.7	57.3	---	57.3	3.22E+07	57.3
1359	15-Sep-16	16:13:03	58.3	62.6	55	85.3	58.3	---	58.3	4.06E+07	58.3
1360	15-Sep-16	16:14:03	57.3	60.4	54.5	85.8	57.3	---	57.3	3.22E+07	57.3
1361	15-Sep-16	16:15:03	57.5	60.9	54.7	86.3	57.5	---	57.5	3.37E+07	57.5
1362	15-Sep-16	16:16:03	56.9	60.7	53.4	88.1	56.9	---	56.9	2.94E+07	56.9
1363	15-Sep-16	16:17:03	58.3	61.5	55.3	84.1	58.3	---	58.3	4.06E+07	58.3
1364	15-Sep-16	16:18:03	58.9	64.6	56.2	88.5	58.9	---	58.9	4.66E+07	58.9
1365	15-Sep-16	16:19:03	58.9	61.9	56.5	86.8	58.9	---	58.9	4.66E+07	58.9
1366	15-Sep-16	16:20:03	60	68.6	55.7	91.6	60	---	60	6.00E+07	60.0
1367	15-Sep-16	16:21:03	57.2	61.6	52.6	84.1	57.2	---	57.2	3.15E+07	57.2
1368	15-Sep-16	16:22:03	56	61.8	52.6	84.1	56	---	56	2.39E+07	56.0
1369	15-Sep-16	16:23:03	57.1	59.8	55.5	86.3	57.1	---	57.1	3.08E+07	57.1
1370	15-Sep-16	16:24:03	57.8	60.3	55.3	86.3	57.8	---	57.8	3.62E+07	57.8
1371	15-Sep-16	16:25:03	59.6	61.8	57.5	88.5	59.6	---	59.6	5.47E+07	59.6
1372	15-Sep-16	16:26:03	58.8	63.5	56	85.8	58.8	---	58.8	4.55E+07	58.8
1373	15-Sep-16	16:27:03	58.3	63.7	54.5	87.3	58.3	---	58.3	4.06E+07	58.3
1374	15-Sep-16	16:28:03	57.8	63.8	54.6	90.2	57.8	---	57.8	3.62E+07	57.8
1375	15-Sep-16	16:29:03	57.8	60.7	55.4	89.9	57.8	---	57.8	3.62E+07	57.8
1376	15-Sep-16	16:30:03	56.8	59.5	53.3	86.3	56.8	---	56.8	2.87E+07	56.8
1377	15-Sep-16	16:31:03	56.3	58.4	54.2	84.1	56.3	---	56.3	2.56E+07	56.3
1378	15-Sep-16	16:32:03	55.4	59.8	52.2	85.8	55.4	---	55.4	2.08E+07	55.4
1379	15-Sep-16	16:33:03	54.2	57.6	51.4	82.1	54.2	---	54.2	1.58E+07	54.2
1380	15-Sep-16	16:34:03	56.2	65	51.5	90.5	56.2	---	56.2	2.50E+07	56.2
1381	15-Sep-16	16:35:03	55.8	60.3	53.4	85.8	55.8	---	55.8	2.28E+07	55.8
1382	15-Sep-16	16:36:03	55.2	57.9	53.2	87.3	55.2	---	55.2	1.99E+07	55.2
1383	15-Sep-16	16:37:03	56.2	62.7	53	90.2	56.2	---	56.2	2.50E+07	56.2
1384	15-Sep-16	16:38:03	56.9	62.4	53.1	82.8	56.9	---	56.9	2.94E+07	56.9
1385	15-Sep-16	16:39:03	54.9	58.1	52.1	83.5	54.9	---	54.9	1.85E+07	54.9
1386	15-Sep-16	16:40:03	56.2	57.9	54.5	85.3	56.2	---	56.2	2.50E+07	56.2
1387	15-Sep-16	16:41:03	62.8	72.2	54.7	90.8	62.8	---	62.8	1.14E+08	62.8
1388	15-Sep-16	16:42:03	58.2	61.1	56.1	85.8	58.2	---	58.2	3.96E+07	58.2
1389	15-Sep-16	16:43:03	57.1	59.1	55.4	87.3	57.1	---	57.1	3.08E+07	57.1
1390	15-Sep-16	16:44:03	58.3	61	54.2	88.9	58.3	---	58.3	4.06E+07	58.3
1391	15-Sep-16	16:45:03	57.8	62	54.1	86.8	57.8	---	57.8	3.62E+07	57.8
1392	15-Sep-16	16:46:03	57.4	59.8	54.2	88.1	57.4	---	57.4	3.30E+07	57.4
1393	15-Sep-16	16:47:03	56.6	61.6	53.8	84.8	56.6	---	56.6	2.74E+07	56.6
1394	15-Sep-16	16:48:03	57.2	60.9	53.6	85.8	57.2	---	57.2	3.15E+07	57.2
1395	15-Sep-16	16:49:03	57.6	63	53.4	88.1	57.6	---	57.6	3.45E+07	57.6
1396	15-Sep-16	16:50:03	58.6	61.5	54.9	91.1	58.6	---	58.6	4.35E+07	58.6
1397	15-Sep-16	16:51:03	55.3	58.7	52.2	83.5	55.3	---	55.3	2.03E+07	55.3
1398	15-Sep-16	16:52:03	54.3	56.6	51.5	82.8	54.3	---	54.3	1.61E+07	54.3
1399	15-Sep-16	16:53:03	57.7	61.9	54.5	85.3	57.7	---	57.7	3.53E+07	57.7
1400	15-Sep-16	16:54:03	56.3	59.1	53.7	84.1	56.3	---	56.3	2.56E+07	56.3
1401	15-Sep-16	16:55:03	54	56.5	51.8	85.8	54	---	54	1.51E+07	54.0
1402	15-Sep-16	16:56:03	55.4	60.6	51.2	89.5	55.4	---	55.4	2.08E+07	55.4
1403	15-Sep-16	16:57:03	58.7	60.9	56.4	86.3	58.7	---	58.7	4.45E+07	58.7
1404	15-Sep-16	16:58:03	58.9	63.5	54.8	85.3	58.9	---	58.9	4.66E+07	58.9
1405	15-Sep-16	16:59:03	57.1	59.4	55.1	84.1	57.1	---	57.1	3.08E+07	57.1
										2.07E+09	57.6
1406	15-Sep-16	17:00:03	56.5	62.8	53.7	82.8	56.5	---	56.5	2.68E+07	56.5
1407	15-Sep-16	17:01:03	60.9	71	53	93.5	60.9	---	60.9	7.38E+07	60.9
1408	15-Sep-16	17:02:03	54.9	58.5	51.5	82.8	54.9	---	54.9	1.85E+07	54.9
1409	15-Sep-16	17:03:03	55.2	59.6	51.7	86.3	55.2	---	55.2	1.99E+07	55.2
1410	15-Sep-16	17:04:03	58.4	62	54.2	88.5	58.4	---	58.4	4.15E+07	58.4
1411	15-Sep-16	17:05:03	55.6	58.7	52.7	84.1	55.6	---	55.6	2.18E+07	55.6
1412	15-Sep-16	17:06:03	55.6	58.3	53.2	84.1	55.6	---	55.6	2.18E+07	55.6
1413	15-Sep-16	17:07:03	55.5	59.4	52.4	87.3	55.5	---	55.5	2.13E+07	55.5
1414	15-Sep-16	17:08:03	56.6	58.4	54.6	85.3	56.6	---	56.6	2.74E+07	56.6
1415	15-Sep-16	17:09:03	58.1	60.2	55.9	88.5	58.1	---	58.1	3.87E+07	58.1
1416	15-Sep-16	17:10:03	57.7	62	52.4	85.3	57.7	---	57.7	3.53E+07	57.7
1417	15-Sep-16	17:11:03	56.9	60.6	53.4	85.8	56.9	---	56.9	2.94E+07	56.9
1418	15-Sep-16	17:12:03	57	60.6	53.8	88.5	57	---	57	3.01E+07	57.0
1419	15-Sep-16	17:13:03	56	58.8	54.1	86.3	56	---	56	2.39E+07	56.0
1420	15-Sep-16	17:14:03	55.7	59.6	52.4	84.8	55.7	---	55.7	2.23E+07	55.7
1421	15-Sep-16	17:15:03	62.3	74.6	54.4	91.1	62.3	---	62.3	1.02E+08	62.3
1422	15-Sep-16	17:16:03	59	72	54.3	85.8	59	---	59	4.77E+07	59.0
1423	15-Sep-16	17:17:03	57.1	59.8	54.6	83.5	57.1	---	57.1	3.08E+07	57.1
1424	15-Sep-16	17:18:03	56.2	59.7	53	87.3	56.2	---	56.2	2.50E+07	56.2
1425	15-Sep-16	17:19:03	57.1	60.3	52.4	84.8	57.1	---	57.1	3.08E+07	57.1
1426	15-Sep-16	17:20:03	58.3	60.5	56.7	85.8	58.3	---	58.3	4.06E+07	58.3
1427	15-Sep-16	17:21:03	56.8	58.9	54.4	85.3	56.8	---	56.8	2.87E+07	56.8

1428	15-Sep-16	17:22:03	56.1	59.9	52.8	82.8	56.1	---	56.1	2.44E+07	56.1
1429	15-Sep-16	17:23:03	56	58.4	53.5	83.5	56	---	56	2.39E+07	56.0
1430	15-Sep-16	17:24:03	55.8	58.3	54.3	82.1	55.8	---	55.8	2.28E+07	55.8
1431	15-Sep-16	17:25:03	56.2	58.6	54.7	82.8	56.2	---	56.2	2.50E+07	56.2
1432	15-Sep-16	17:26:03	56.5	59.2	54	85.8	56.5	---	56.5	2.68E+07	56.5
1433	15-Sep-16	17:27:03	57.9	62.9	54.4	83.5	57.9	---	57.9	3.70E+07	57.9
1434	15-Sep-16	17:28:03	59.2	64.3	54.2	87.3	59.2	---	59.2	4.99E+07	59.2
1435	15-Sep-16	17:29:03	59.2	67.7	54.3	91.9	59.2	---	59.2	4.99E+07	59.2
1436	15-Sep-16	17:30:03	57.8	59.9	55.8	84.8	57.8	---	57.8	3.62E+07	57.8
1437	15-Sep-16	17:31:03	58.5	65.8	53.3	84.8	58.5	---	58.5	4.25E+07	58.5
1438	15-Sep-16	17:32:03	58.2	61.9	54.9	87.7	58.2	---	58.2	3.96E+07	58.2
1439	15-Sep-16	17:33:03	57.8	60.7	54.9	88.5	57.8	---	57.8	3.62E+07	57.8
1440	15-Sep-16	17:34:03	57.5	63.7	54.7	89.2	57.5	---	57.5	3.37E+07	57.5
1441	15-Sep-16	17:35:03	58.1	60.5	55.3	84.8	58.1	---	58.1	3.87E+07	58.1
1442	15-Sep-16	17:36:03	55.6	57.9	51.6	85.8	55.6	---	55.6	2.18E+07	55.6
1443	15-Sep-16	17:37:03	56.7	60.6	54.2	84.8	56.7	---	56.7	2.81E+07	56.7
1444	15-Sep-16	17:38:03	59.4	66.3	54.9	87.3	59.4	---	59.4	5.23E+07	59.4
1445	15-Sep-16	17:39:03	57	61.7	52.9	83.5	57	---	57	3.01E+07	57.0
1446	15-Sep-16	17:40:03	56.5	63.8	52.2	84.1	56.5	---	56.5	2.68E+07	56.5
1447	15-Sep-16	17:41:03	55.6	58.6	52.5	84.1	55.6	---	55.6	2.18E+07	55.6
1448	15-Sep-16	17:42:03	56.1	58.1	53.7	87.7	56.1	---	56.1	2.44E+07	56.1
1449	15-Sep-16	17:43:03	56.6	59.3	54.2	86.3	56.6	---	56.6	2.74E+07	56.6
1450	15-Sep-16	17:44:03	56.6	59.6	53.5	84.1	56.6	---	56.6	2.74E+07	56.6
1451	15-Sep-16	17:45:03	59.9	67.8	53.4	88.9	59.9	---	59.9	5.86E+07	59.9
1452	15-Sep-16	17:46:03	56	58.4	52	83.5	56	---	56	2.39E+07	56.0
1453	15-Sep-16	17:47:03	56	58.4	54.2	82.1	56	---	56	2.39E+07	56.0
1454	15-Sep-16	17:48:03	56.5	59	54.3	86.3	56.5	---	56.5	2.68E+07	56.5
1455	15-Sep-16	17:49:03	58.1	61.4	54.9	84.1	58.1	---	58.1	3.87E+07	58.1
1456	15-Sep-16	17:50:03	55	57.5	51.8	83.5	55	---	55	1.90E+07	55.0
1457	15-Sep-16	17:51:03	57.5	60.1	53.7	86.8	57.5	---	57.5	3.37E+07	57.5
1458	15-Sep-16	17:52:03	57.9	60.6	55.1	87.3	57.9	---	57.9	3.70E+07	57.9
1459	15-Sep-16	17:53:03	58	60.2	55.4	86.3	58	---	58	3.79E+07	58.0
1460	15-Sep-16	17:54:03	58.4	66.1	52.8	86.8	58.4	---	58.4	4.15E+07	58.4
1461	15-Sep-16	17:55:03	56.6	60.6	53.8	86.8	56.6	---	56.6	2.74E+07	56.6
1462	15-Sep-16	17:56:03	55.4	58.3	53.1	85.3	55.4	---	55.4	2.08E+07	55.4
1463	15-Sep-16	17:57:03	55.1	58.2	51.7	82.8	55.1	---	55.1	1.94E+07	55.1
1464	15-Sep-16	17:58:03	56	58	54.1	83.5	56	---	56	2.39E+07	56.0
1465	15-Sep-16	17:59:03	57.3	60	54.3	88.5	57.3	---	57.3	3.22E+07	57.3
										1.97E+09	57.4

1466	15-Sep-16	18:00:03	56.2	60.2	53.2	87.7	56.2	---	56.2	2.50E+07	56.2
1467	15-Sep-16	18:01:03	58.3	60.7	55.6	87.3	58.3	---	58.3	4.06E+07	58.3
1468	15-Sep-16	18:02:03	59.1	63.1	54.6	88.9	59.1	---	59.1	4.88E+07	59.1
1469	15-Sep-16	18:03:03	57.5	60.7	51.5	88.9	57.5	---	57.5	3.37E+07	57.5
1470	15-Sep-16	18:04:03	58	66.5	52	89.9	58	---	58	3.79E+07	58.0
1471	15-Sep-16	18:05:03	55.6	60.3	52.3	84.1	55.6	---	55.6	2.18E+07	55.6
1472	15-Sep-16	18:06:03	65.6	75.1	51.2	98.7	65.6	---	65.6	2.18E+08	65.6
1473	15-Sep-16	18:07:03	61.3	74.3	54.3	95.4	61.3	---	61.3	8.09E+07	61.3
1474	15-Sep-16	18:08:03	56.6	58.7	54.4	85.3	56.6	---	56.6	2.74E+07	56.6
1475	15-Sep-16	18:09:03	56.8	61.6	53.3	88.5	56.8	---	56.8	2.87E+07	56.8
1476	15-Sep-16	18:10:03	56.6	60.9	54.1	85.8	56.6	---	56.6	2.74E+07	56.6
1477	15-Sep-16	18:11:03	57.2	59.5	54.6	84.8	57.2	---	57.2	3.15E+07	57.2
1478	15-Sep-16	18:12:03	57	62.6	53.4	85.3	57	---	57	3.01E+07	57.0
1479	15-Sep-16	18:13:03	57.6	66.6	53.6	86.3	57.6	---	57.6	3.45E+07	57.6
1480	15-Sep-16	18:14:03	53.5	56.7	51.8	82.1	53.5	---	53.5	1.34E+07	53.5
1481	15-Sep-16	18:15:03	54.7	59.3	51.7	84.8	54.7	---	54.7	1.77E+07	54.7
1482	15-Sep-16	18:16:03	53.3	55.6	50.4	81.2	53.3	---	53.3	1.28E+07	53.3
1483	15-Sep-16	18:17:03	56	63.1	52.8	82.8	56	---	56	2.39E+07	56.0
1484	15-Sep-16	18:18:03	57.5	62.5	53.4	84.8	57.5	---	57.5	3.37E+07	57.5
1485	15-Sep-16	18:19:03	59.4	66.4	54	90.2	59.4	---	59.4	5.23E+07	59.4
1486	15-Sep-16	18:20:03	59.9	64.1	57.2	90.2	59.9	---	59.9	5.86E+07	59.9
1487	15-Sep-16	18:21:03	58.9	63.5	55.6	87.7	58.9	---	58.9	4.66E+07	58.9
1488	15-Sep-16	18:22:03	56.2	57.5	54.6	86.8	56.2	---	56.2	2.50E+07	56.2
1489	15-Sep-16	18:23:03	54.9	57.1	52.7	86.3	54.9	---	54.9	1.85E+07	54.9
1490	15-Sep-16	18:24:03	54.7	58.6	51.9	87.3	54.7	---	54.7	1.77E+07	54.7
1491	15-Sep-16	18:25:03	54.6	58.7	52.9	84.1	54.6	---	54.6	1.73E+07	54.6
1492	15-Sep-16	18:26:03	54.2	57.6	52.1	82.8	54.2	---	54.2	1.58E+07	54.2
1493	15-Sep-16	18:27:03	56.3	64.2	53.4	86.3	56.3	---	56.3	2.56E+07	56.3
1494	15-Sep-16	18:28:03	57.9	65.1	54.2	88.5	57.9	---	57.9	3.70E+07	57.9
1495	15-Sep-16	18:29:03	56.1	58.5	53.6	86.3	56.1	---	56.1	2.44E+07	56.1
1496	15-Sep-16	18:30:03	56.3	60.5	53	85.8	56.3	---	56.3	2.56E+07	56.3
1497	15-Sep-16	18:31:03	58.8	63.5	55.3	86.8	58.8	---	58.8	4.55E+07	58.8
1498	15-Sep-16	18:32:03	57.4	60.7	54.7	84.8	57.4	---	57.4	3.30E+07	57.4
1499	15-Sep-16	18:33:03	56.3	58.8	53.5	85.8	56.3	---	56.3	2.56E+07	56.3
1500	15-Sep-16	18:34:03	56.7	59.5	53.8	87.3	56.7	---	56.7	2.81E+07	56.7
1501	15-Sep-16	18:35:03	57.7	62.7	55.3	84.1	57.7	---	57.7	3.53E+07	57.7
1502	15-Sep-16	18:36:03	57.2	58.6	55.3	85.8	57.2	---	57.2	3.15E+07	57.2
1503	15-Sep-16	18:37:03	60.4	66	55.3	88.1	60.4	---	60.4	6.58E+07	60.4
1504	15-Sep-16	18:38:03	55.5	59.3	50.7	85.3	55.5	---	55.5	2.13E+07	55.5
1505	15-Sep-16	18:39:03	56.4	64.7	52.9	86.8	56.4	---	56.4	2.62E+07	56.4
1506	15-Sep-16	18:40:03	57	61.6	53.3	84.1	57	---	57	3.01E+07	57.0
1507	15-Sep-16	18:41:03	58.7	61.3	56.3	86.8	58.7	---	58.7	4.45E+07	58.7
1508	15-Sep-16	18:42:03	58.6	62.2	56.2	89.2	58.6	---	58.6	4.35E+07	58.6
1509	15-Sep-16	18:43:03	56.1	57.9	54.4	83.5	56.1	---	56.1	2.44E+07	56.1
1510	15-Sep-16	18:44:03	55.4	57.7	52.5	85.3	55.4	---	55.4	2.08E+07	55.4

1511	15-Sep-16	18:45:03	57.6	60.1	55.4	82.8	57.6	---	57.6	3.45E+07	57.6
1512	15-Sep-16	18:46:03	58.1	62.3	55.4	85.8	58.1	---	58.1	3.87E+07	58.1
1513	15-Sep-16	18:47:03	57.3	59.2	54.7	84.1	57.3	---	57.3	3.22E+07	57.3
1514	15-Sep-16	18:48:03	57	59	54.8	84.8	57	---	57	3.01E+07	57.0
1515	15-Sep-16	18:49:03	55.6	59.4	53	86.8	55.6	---	55.6	2.18E+07	55.6
1516	15-Sep-16	18:50:03	57.9	60.9	55.7	86.3	57.8	---	57.8	3.70E+07	57.9
1517	15-Sep-16	18:51:03	57	61.2	53.1	89.5	57	---	57	3.01E+07	57.0
1518	15-Sep-16	18:52:03	56.4	59.7	54.7	84.8	56.4	---	56.4	2.62E+07	56.4
1519	15-Sep-16	18:53:03	57.5	60.9	55.2	85.8	57.5	---	57.5	3.37E+07	57.5
1520	15-Sep-16	18:54:03	57.2	60.7	54.6	83.5	57.2	---	57.2	3.15E+07	57.2
1521	15-Sep-16	18:55:03	59.5	65.7	55.3	91.3	59.5	---	59.5	5.35E+07	59.5
1522	15-Sep-16	18:56:03	57.7	60.5	55.5	88.9	57.7	---	57.7	3.53E+07	57.7
1523	15-Sep-16	18:57:03	57.9	65.6	54.7	87.3	57.9	---	57.9	3.70E+07	57.9
1524	15-Sep-16	18:58:03	58.2	60.7	56.3	86.8	58.2	---	58.2	3.96E+07	58.2
1525	15-Sep-16	18:59:03	57	60	54.8	84.8	57	---	57	3.01E+07	57.0
										2.14E+09	57.7
1526	15-Sep-16	19:00:03	57.8	63.4	54.7	89.9	57.8	---	57.8	3.62E+07	57.8
1527	15-Sep-16	19:01:03	58.2	60.8	55.8	83.5	58.2	---	58.2	3.96E+07	58.2
1528	15-Sep-16	19:02:03	57.5	62.1	54.1	82.8	57.5	---	57.5	3.37E+07	57.5
1529	15-Sep-16	19:03:03	57.1	60.1	53.6	85.8	57.1	---	57.1	3.08E+07	57.1
1530	15-Sep-16	19:04:03	57.9	61.7	55.8	87.7	57.9	---	57.9	3.70E+07	57.9
1531	15-Sep-16	19:05:03	58	62	55.5	88.9	58	---	58	3.79E+07	58.0
1532	15-Sep-16	19:06:03	59.5	62	57	83.5	59.5	---	59.5	5.35E+07	59.5
1533	15-Sep-16	19:07:03	59.9	61.8	58.4	85.3	59.9	---	59.9	5.86E+07	59.9
1534	15-Sep-16	19:08:03	59.9	64.2	57.2	84.1	59.9	---	59.9	5.86E+07	59.9
1535	15-Sep-16	19:09:03	61.9	72.8	58.3	87.7	61.9	---	61.9	9.29E+07	61.9
1536	15-Sep-16	19:10:03	62.8	71.6	58.1	89.9	62.8	---	62.8	1.14E+08	62.8
1537	15-Sep-16	19:11:03	59.5	64.9	56	88.5	59.5	---	59.5	5.35E+07	59.5
1538	15-Sep-16	19:12:03	59.1	62.1	56.1	86.3	59.1	---	59.1	4.88E+07	59.1
1539	15-Sep-16	19:13:03	61	65.4	57.3	85.3	61	---	61	7.55E+07	61.0
1540	15-Sep-16	19:14:03	60	62.3	56.9	84.8	60	---	60	6.00E+07	60.0
1541	15-Sep-16	19:15:03	60.9	64.3	57.7	85.3	60.9	---	60.9	7.38E+07	60.9
1542	15-Sep-16	19:16:03	60.9	64	56.7	85.3	60.9	---	60.9	7.38E+07	60.9
1543	15-Sep-16	19:17:03	60.9	64.4	55.1	85.8	60.9	---	60.9	7.38E+07	60.9
1544	15-Sep-16	19:18:03	61.1	64.6	58.6	83.5	61.1	---	61.1	7.73E+07	61.1
1545	15-Sep-16	19:19:03	61	64.9	57.9	87.7	61	---	61	7.55E+07	61.0
1546	15-Sep-16	19:20:03	60	64	56.6	86.3	60	---	60	6.00E+07	60.0
1547	15-Sep-16	19:21:03	61.4	66.6	57.8	85.3	61.4	---	61.4	8.28E+07	61.4
1548	15-Sep-16	19:22:03	60.4	64.1	56.8	83.5	60.4	---	60.4	6.58E+07	60.4
1549	15-Sep-16	19:23:03	61.8	65.1	58.6	86.8	61.8	---	61.8	9.08E+07	61.8
1550	15-Sep-16	19:24:03	61	64.1	55.1	86.3	61	---	61	7.55E+07	61.0
1551	15-Sep-16	19:25:03	61.5	65.3	57.5	89.2	61.5	---	61.5	8.48E+07	61.5
1552	15-Sep-16	19:26:03	62.2	64.6	58.4	88.9	62.2	---	62.2	9.96E+07	62.2
1553	15-Sep-16	19:27:03	61.8	64.5	57.4	86.3	61.8	---	61.8	9.08E+07	61.8
1554	15-Sep-16	19:28:03	60.8	66.1	55.9	88.5	60.8	---	60.8	7.21E+07	60.8
1555	15-Sep-16	19:29:03	59.9	62.5	55.2	88.1	59.9	---	59.9	5.86E+07	59.9
1556	15-Sep-16	19:30:03	60.3	62.8	58.4	83.5	60.3	---	60.3	6.43E+07	60.3
1557	15-Sep-16	19:31:03	62.6	69.1	57.7	88.1	62.6	---	62.6	1.09E+08	62.6
1558	15-Sep-16	19:32:03	60.9	65.1	56.7	86.3	60.9	---	60.9	7.38E+07	60.9
1559	15-Sep-16	19:33:03	61.3	64.7	58.3	88.9	61.3	---	61.3	8.09E+07	61.3
1560	15-Sep-16	19:34:03	60.4	63.4	56.9	86.8	60.4	---	60.4	6.58E+07	60.4
1561	15-Sep-16	19:35:03	61.9	66.3	58.2	89.2	61.9	---	61.9	9.29E+07	61.9
1562	15-Sep-16	19:36:03	61	65.1	57.5	86.8	61	---	61	7.55E+07	61.0
1563	15-Sep-16	19:37:03	60.6	64.9	56.6	90.2	60.6	---	60.6	6.89E+07	60.6
1564	15-Sep-16	19:38:03	60.2	64.2	56.5	83.5	60.2	---	60.2	6.28E+07	60.2
1565	15-Sep-16	19:39:03	60.8	63.7	58	88.5	60.8	---	60.8	7.21E+07	60.8
1566	15-Sep-16	19:40:03	61.3	68.6	57.7	85.3	61.3	---	61.3	8.09E+07	61.3
1567	15-Sep-16	19:41:03	60.8	64.2	58	84.1	60.8	---	60.8	7.21E+07	60.8
1568	15-Sep-16	19:42:03	60.7	64.2	56.4	84.1	60.7	---	60.7	7.05E+07	60.7
1569	15-Sep-16	19:43:03	60.6	64.7	54.7	86.8	60.6	---	60.6	6.89E+07	60.6
1570	15-Sep-16	19:44:03	61.3	64.8	56.5	88.1	61.3	---	61.3	8.09E+07	61.3
1571	15-Sep-16	19:45:03	60.6	63.8	58.3	84.1	60.6	---	60.6	6.89E+07	60.6
1572	15-Sep-16	19:46:03	60.4	63.3	57.5	85.8	60.4	---	60.4	6.58E+07	60.4
1573	15-Sep-16	19:47:03	60.3	62.3	57.9	83.5	60.3	---	60.3	6.43E+07	60.3
1574	15-Sep-16	19:48:03	60.6	64.8	56.9	85.8	60.6	---	60.6	6.89E+07	60.6
1575	15-Sep-16	19:49:03	61.7	64.5	57.5	86.8	61.7	---	61.7	8.87E+07	61.7
1576	15-Sep-16	19:50:03	61.3	64.5	58.7	85.3	61.3	---	61.3	8.09E+07	61.3
1577	15-Sep-16	19:51:03	62.6	71.4	55.5	92.4	62.6	---	62.6	1.09E+08	62.6
1578	15-Sep-16	19:52:03	61.2	64.7	54	87.3	61.2	---	61.2	7.91E+07	61.2
1579	15-Sep-16	19:53:03	61.5	64.9	58.2	86.8	61.5	---	61.5	8.48E+07	61.5
1580	15-Sep-16	19:54:03	60.3	64.6	55.3	84.1	60.3	---	60.3	6.43E+07	60.3
1581	15-Sep-16	19:55:03	62.6	71.1	57.6	90.2	62.6	---	62.6	1.09E+08	62.6
1582	15-Sep-16	19:56:03	60.4	64	57.6	85.8	60.4	---	60.4	6.58E+07	60.4
1583	15-Sep-16	19:57:03	61.3	67.2	56.5	88.1	61.3	---	61.3	8.09E+07	61.3
1584	15-Sep-16	19:58:03	60.8	64.3	57.4	88.1	60.8	---	60.8	7.21E+07	60.8
1585	15-Sep-16	19:59:03	61	63.8	58.5	87.3	61	---	61	7.55E+07	61.0
										4.30E+09	60.8
1586	15-Sep-16	20:00:03	60.7	63.7	57.5	85.8	60.7	---	60.7	7.05E+07	60.7
1587	15-Sep-16	20:01:03	59.9	63.9	55.5	88.9	59.9	---	59.9	5.86E+07	59.9
1588	15-Sep-16	20:02:03	60	65	56.4	87.3	60	---	60	6.00E+07	60.0
1589	15-Sep-16	20:03:03	61	64.3	54.6	88.1	61	---	61	7.55E+07	61.0
1590	15-Sep-16	20:04:03	60.7	63.4	57.7	88.1	60.7	---	60.7	7.05E+07	60.7

1591	15-Sep-16	20:05:03	59.7	64.8	54.3	87.7	59.7	---	---	59.7	5.60E+07	59.7
1592	15-Sep-16	20:06:03	61	67.9	53.8	87.3	61	---	---	61	7.55E+07	61.0
1593	15-Sep-16	20:07:03	63.1	69.5	56.4	88.1	63.1	---	---	63.1	1.23E+08	63.1
1594	15-Sep-16	20:08:03	60.1	62.5	57.6	82.1	60.1	---	---	60.1	6.14E+07	60.1
1595	15-Sep-16	20:09:03	59.2	63.2	56.3	84.8	59.2	---	---	59.2	4.99E+07	59.2
1596	15-Sep-16	20:10:03	60.9	65.8	56.2	93.5	60.9	---	---	60.9	7.38E+07	60.9
1597	15-Sep-16	20:11:03	61.5	64.6	57.7	84.8	61.5	---	---	61.5	8.48E+07	61.5
1598	15-Sep-16	20:12:03	60.6	65.3	56.4	84.8	60.6	---	---	60.6	6.89E+07	60.6
1599	15-Sep-16	20:13:03	59.8	63	56.9	86.8	59.8	---	---	59.8	5.73E+07	59.8
1600	15-Sep-16	20:14:03	60.5	64.3	55.2	87.3	60.5	---	---	60.5	6.73E+07	60.5
1601	15-Sep-16	20:15:03	60.6	64	57.6	90.2	60.6	---	---	60.6	6.89E+07	60.6
1602	15-Sep-16	20:16:03	61.3	67.8	56.4	87.7	61.3	---	---	61.3	8.09E+07	61.3
1603	15-Sep-16	20:17:03	63.7	74.4	55.6	93.7	63.7	---	---	63.7	1.41E+08	63.7
1604	15-Sep-16	20:18:03	60.8	63.5	54.7	87.3	60.8	---	---	60.8	7.21E+07	60.8
1605	15-Sep-16	20:19:03	61.6	66.4	58.3	86.3	61.6	---	---	61.6	8.67E+07	61.6
1606	15-Sep-16	20:20:03	60.3	63.4	54.6	84.1	60.3	---	---	60.3	6.43E+07	60.3
1607	15-Sep-16	20:21:03	60.7	64.7	58.1	84.1	60.7	---	---	60.7	7.05E+07	60.7
1608	15-Sep-16	20:22:03	61	63.9	57.4	89.2	61	---	---	61	7.55E+07	61.0
1609	15-Sep-16	20:23:03	60.4	65.1	56.3	86.8	60.4	---	---	60.4	6.58E+07	60.4
1610	15-Sep-16	20:24:03	60.5	65.1	55.2	88.5	60.5	---	---	60.5	6.73E+07	60.5
1611	15-Sep-16	20:25:03	60.2	62.4	55.8	84.8	60.2	---	---	60.2	6.28E+07	60.2
1612	15-Sep-16	20:26:03	60.6	64	54.2	88.1	60.6	---	---	60.6	6.89E+07	60.6
1613	15-Sep-16	20:27:03	60.4	63.8	56.6	88.9	60.4	---	---	60.4	6.58E+07	60.4
1614	15-Sep-16	20:28:03	61.3	65.2	56.7	84.8	61.3	---	---	61.3	8.09E+07	61.3
1615	15-Sep-16	20:29:03	61.1	64.8	58	82.8	61.1	---	---	61.1	7.73E+07	61.1
1616	15-Sep-16	20:30:03	61.9	65.3	58.1	85.8	61.9	---	---	61.9	9.29E+07	61.9
1617	15-Sep-16	20:31:03	61.8	65.6	57.7	86.8	61.8	---	---	61.8	9.08E+07	61.8
1618	15-Sep-16	20:32:03	60.4	63.9	57.1	84.1	60.4	---	---	60.4	6.58E+07	60.4
1619	15-Sep-16	20:33:03	60.3	63.2	56.4	85.8	60.3	---	---	60.3	6.43E+07	60.3
1620	15-Sep-16	20:34:03	61	64.1	57.1	85.8	61	---	---	61	7.55E+07	61.0
1621	15-Sep-16	20:35:03	60	64.9	55.1	88.1	60	---	---	60	6.00E+07	60.0
1622	15-Sep-16	20:36:03	61.1	65.1	57.6	84.1	61.1	---	---	61.1	7.73E+07	61.1
1623	15-Sep-16	20:37:03	60.2	63.4	54.9	85.8	60.2	---	---	60.2	6.28E+07	60.2
1624	15-Sep-16	20:38:03	60.2	63.7	55.6	85.8	60.2	---	---	60.2	6.28E+07	60.2
1625	15-Sep-16	20:39:03	60.3	64.2	55.6	84.1	60.3	---	---	60.3	6.43E+07	60.3
1626	15-Sep-16	20:40:03	60.3	63.9	52.1	85.3	60.3	---	---	60.3	6.43E+07	60.3
1627	15-Sep-16	20:41:03	61.1	65.9	56.6	86.8	61.1	---	---	61.1	7.73E+07	61.1
1628	15-Sep-16	20:42:03	60.3	63.6	56.6	86.8	60.3	---	---	60.3	6.43E+07	60.3
1629	15-Sep-16	20:43:03	61.5	66.2	57.1	88.5	61.5	---	---	61.5	8.48E+07	61.5
1630	15-Sep-16	20:44:03	60.4	63.8	56.4	86.3	60.4	---	---	60.4	6.58E+07	60.4
1631	15-Sep-16	20:45:03	58.8	61.7	56.2	85.8	58.8	---	---	58.8	4.55E+07	58.8
1632	15-Sep-16	20:46:03	61.7	67.8	56.4	88.5	61.7	---	---	61.7	8.87E+07	61.7
1633	15-Sep-16	20:47:03	60.2	64.4	57.6	87.3	60.2	---	---	60.2	6.28E+07	60.2
1634	15-Sep-16	20:48:03	59.9	64.4	54.4	88.1	59.9	---	---	59.9	5.86E+07	59.9
1635	15-Sep-16	20:49:03	58.9	61.9	56.1	85.8	58.9	---	---	58.9	4.66E+07	58.9
1636	15-Sep-16	20:50:03	60.1	63.1	55.2	89.9	60.1	---	---	60.1	6.14E+07	60.1
1637	15-Sep-16	20:51:03	59.4	63	56.3	85.8	59.4	---	---	59.4	5.23E+07	59.4
1638	15-Sep-16	20:52:03	59.7	63.2	56.5	89.2	59.7	---	---	59.7	5.60E+07	59.7
1639	15-Sep-16	20:53:03	60.9	64.8	56.3	85.3	60.9	---	---	60.9	7.38E+07	60.9
1640	15-Sep-16	20:54:03	60.2	65.4	56.2	85.3	60.2	---	---	60.2	6.28E+07	60.2
1641	15-Sep-16	20:55:03	59.9	64.7	56.4	86.3	59.9	---	---	59.9	5.86E+07	59.9
1642	15-Sep-16	20:56:03	61.1	64.8	56.8	85.3	61.1	---	---	61.1	7.73E+07	61.1
1643	15-Sep-16	20:57:03	60.2	69.4	54.9	89.2	60.2	---	---	60.2	6.28E+07	60.2
1644	15-Sep-16	20:58:03	60.5	64.7	53.8	86.3	60.5	---	---	60.5	6.73E+07	60.5
1645	15-Sep-16	20:59:03	59.7	64.8	53.8	88.1	59.7	---	---	59.7	5.60E+07	59.7
											4.20E+09	60.7
1646	15-Sep-16	21:00:03	60.2	64.7	56.1	86.8	60.2	---	---	60.2	6.28E+07	60.2
1647	15-Sep-16	21:01:03	60.7	68	54.1	86.3	60.7	---	---	60.7	7.05E+07	60.7
1648	15-Sep-16	21:02:03	61.6	66.6	55.8	87.7	61.6	---	---	61.6	8.67E+07	61.6
1649	15-Sep-16	21:03:03	61.1	64.3	57.1	88.1	61.1	---	---	61.1	7.73E+07	61.1
1650	15-Sep-16	21:04:03	60.2	64.7	55.7	86.8	60.2	---	---	60.2	6.28E+07	60.2
1651	15-Sep-16	21:05:03	60.5	70.7	53.3	88.5	60.5	---	---	60.5	6.73E+07	60.5
1652	15-Sep-16	21:06:03	59.9	64.6	54.1	85.8	59.9	---	---	59.9	5.86E+07	59.9
1653	15-Sep-16	21:07:03	59.3	64.6	54	89.2	59.3	---	---	59.3	5.11E+07	59.3
1654	15-Sep-16	21:08:03	58.3	64.7	55.1	84.1	58.3	---	---	58.3	4.06E+07	58.3
1655	15-Sep-16	21:09:03	60.2	63.8	55.3	87.3	60.2	---	---	60.2	6.28E+07	60.2
1656	15-Sep-16	21:10:03	60.8	65.3	56.9	88.5	60.8	---	---	60.8	7.21E+07	60.8
1657	15-Sep-16	21:11:03	59.8	63.9	57.5	84.8	59.8	---	---	59.8	5.73E+07	59.8
1658	15-Sep-16	21:12:03	60.8	65.4	56.9	89.5	60.8	---	---	60.8	7.21E+07	60.8
1659	15-Sep-16	21:13:03	59.7	63.6	55.9	85.3	59.7	---	---	59.7	5.60E+07	59.7
1660	15-Sep-16	21:14:03	61	68	53.9	92.6	61	---	---	61	7.55E+07	61.0
1661	15-Sep-16	21:15:03	60.3	64.4	55.4	85.3	60.3	---	---	60.3	6.43E+07	60.3
1662	15-Sep-16	21:16:03	58.8	62.3	55.1	84.8	58.8	---	---	58.8	4.55E+07	58.8
1663	15-Sep-16	21:17:03	60.8	64.7	55.9	85.8	60.8	---	---	60.8	7.21E+07	60.8
1664	15-Sep-16	21:18:03	58.1	62.9	54.2	88.9	58.1	---	---	58.1	3.87E+07	58.1
1665	15-Sep-16	21:19:03	60.3	66.5	55.3	86.8	60.3	---	---	60.3	6.43E+07	60.3
1666	15-Sep-16	21:20:03	56.9	61.5	53.9	83.5	56.9	---	---	56.9	2.94E+07	56.9
1667	15-Sep-16	21:21:03	57.9	61.6	54.7	85.8	57.9	---	---	57.9	3.70E+07	57.9
1668	15-Sep-16	21:22:03	59	61.4	55.6	84.8	59	---	---	59	4.77E+07	59.0
1669	15-Sep-16	21:23:03	57.8	63.1	49.7	84.8	57.8	---	---	57.8	3.62E+07	57.8
1670	15-Sep-16	21:24:03	59.7	63.7	56.1	86.3	59.7	---	---	59.7	5.60E+07	59.7
1671	15-Sep-16	21:25:03	59.5	63.1	55.3	84.1	59.5	---	---	59.5	5.35E+07	59.5
1672	15-Sep-16	21:26:03	59.8	63.5	56.5	84.1	59.8	---	---	59.8	5.73E+07	59.8
1673	15-Sep-16	21:27:03	59	63.2	54.1	86.8	59	---	---	59	4.77E+07	59.0

1674	15-Sep-16	21:28:03	58.6	61.1	54.6	83.5	58.6	---	58.6	4.35E+07	58.6
1675	15-Sep-16	21:29:03	59.4	68	54	88.5	59.4	---	59.4	5.23E+07	59.4
1676	15-Sep-16	21:30:03	59.6	63.3	53.6	87.3	59.6	---	59.6	5.47E+07	59.6
1677	15-Sep-16	21:31:03	57.7	63.5	51	86.3	57.7	---	57.7	3.53E+07	57.7
1678	15-Sep-16	21:32:03	59.1	64.6	52.8	84.8	59.1	---	59.1	4.88E+07	59.1
1679	15-Sep-16	21:33:03	58.4	61.3	54.4	85.8	58.4	---	58.4	4.15E+07	58.4
1680	15-Sep-16	21:34:03	58.8	61.5	55.9	83.5	58.8	---	58.8	4.55E+07	58.8
1681	15-Sep-16	21:35:03	59.6	65.4	55.4	88.1	59.6	---	59.6	5.47E+07	59.6
1682	15-Sep-16	21:36:03	57.8	61.1	53.2	85.3	57.8	---	57.8	3.62E+07	57.8
1683	15-Sep-16	21:37:03	57.9	62.1	53.4	84.8	57.9	---	57.9	3.70E+07	57.9
1684	15-Sep-16	21:38:03	59.6	63.1	55.9	85.8	59.6	---	59.6	5.47E+07	59.6
1685	15-Sep-16	21:39:03	60.2	65.4	55.3	85.8	60.2	---	60.2	6.28E+07	60.2
1686	15-Sep-16	21:40:03	60.7	67.9	56.5	87.3	60.7	---	60.7	7.05E+07	60.7
1687	15-Sep-16	21:41:03	60.6	66.2	55.4	88.1	60.6	---	60.6	6.89E+07	60.6
1688	15-Sep-16	21:42:03	59.9	65	56	88.9	59.9	---	59.9	5.86E+07	59.9
1689	15-Sep-16	21:43:03	57.9	61	52.8	82.8	57.9	---	57.9	3.70E+07	57.9
1690	15-Sep-16	21:44:03	57.7	60.3	52.4	81.2	57.7	---	57.7	3.53E+07	57.7
1691	15-Sep-16	21:45:03	59.4	62.9	55.6	83.5	59.4	---	59.4	5.23E+07	59.4
1692	15-Sep-16	21:46:03	59.2	64	52.6	85.8	59.2	---	59.2	4.99E+07	59.2
1693	15-Sep-16	21:47:03	57	62.1	54	85.8	57	---	57	3.01E+07	57.0
1694	15-Sep-16	21:48:03	58.1	63.2	52	83.5	58.1	---	58.1	3.87E+07	58.1
1695	15-Sep-16	21:49:03	57.6	61	54	84.8	57.6	---	57.6	3.45E+07	57.6
1696	15-Sep-16	21:50:03	57.9	61.4	52.7	81.2	57.9	---	57.9	3.70E+07	57.9
1697	15-Sep-16	21:51:03	58.1	62.4	52	84.8	58.1	---	58.1	3.87E+07	58.1
1698	15-Sep-16	21:52:03	58.1	65.4	52.9	83.5	58.1	---	58.1	3.87E+07	58.1
1699	15-Sep-16	21:53:03	57.2	59.8	54.7	81.2	57.2	---	57.2	3.15E+07	57.2
1700	15-Sep-16	21:54:03	59.4	66.2	53.5	88.5	59.4	---	59.4	5.23E+07	59.4
1701	15-Sep-16	21:55:03	58.2	63.2	52.2	85.3	58.2	---	58.2	3.96E+07	58.2
1702	15-Sep-16	21:56:03	57.7	62.4	48.8	87.3	57.7	---	57.7	3.53E+07	57.7
1703	15-Sep-16	21:57:03	59.9	65	53.5	85.8	59.9	---	59.9	5.86E+07	59.9
1704	15-Sep-16	21:58:03	60.2	68.2	54.9	89.5	60.2	---	60.2	6.28E+07	60.2
1705	15-Sep-16	21:59:03	57.6	60.7	54.2	81.2	57.6	---	57.6	3.45E+07	57.6
										3.10E+09	59.3
1706	15-Sep-16	22:00:03	59.7	63.3	56.1	87.7	59.7	---	59.7	5.60E+07	59.7
1707	15-Sep-16	22:01:03	58.5	63.8	53.9	82.1	58.5	---	58.5	4.25E+07	58.5
1708	15-Sep-16	22:02:03	58.7	62.3	55.1	84.1	58.7	---	58.7	4.45E+07	58.7
1709	15-Sep-16	22:03:03	60.1	66.8	53.5	85.8	60.1	---	60.1	6.14E+07	60.1
1710	15-Sep-16	22:04:03	57.5	63.2	53.3	81.2	57.5	---	57.5	3.37E+07	57.5
1711	15-Sep-16	22:05:03	59.4	64.7	54.1	82.8	59.4	---	59.4	5.23E+07	59.4
1712	15-Sep-16	22:06:03	57.7	61.5	52	84.1	57.7	---	57.7	3.53E+07	57.7
1713	15-Sep-16	22:07:03	58.9	62.4	52.7	82.8	58.9	---	58.9	4.66E+07	58.9
1714	15-Sep-16	22:08:03	60.6	69.2	52	88.1	60.6	---	60.6	6.89E+07	60.6
1715	15-Sep-16	22:09:03	58	61.7	51.8	82.1	58	---	58	3.79E+07	58.0
1716	15-Sep-16	22:10:03	58.8	63.1	54.8	85.3	58.8	---	58.8	4.55E+07	58.8
1717	15-Sep-16	22:11:03	59.4	63.4	54.5	83.5	59.4	---	59.4	5.23E+07	59.4
1718	15-Sep-16	22:12:03	57.9	63.2	48.1	86.8	57.9	---	57.9	3.70E+07	57.9
1719	15-Sep-16	22:13:03	60.1	65.2	56.6	87.3	60.1	---	60.1	6.14E+07	60.1
1720	15-Sep-16	22:14:03	57.9	63.2	53.3	83.5	57.9	---	57.9	3.70E+07	57.9
1721	15-Sep-16	22:15:03	57	61.4	53	79.3	57	---	57	3.01E+07	57.0
1722	15-Sep-16	22:16:03	59.6	64.3	55.5	89.2	59.6	---	59.6	5.47E+07	59.6
1723	15-Sep-16	22:17:03	58.7	65	53.9	88.9	58.7	---	58.7	4.45E+07	58.7
1724	15-Sep-16	22:18:03	60.2	65.4	53.2	85.3	60.2	---	60.2	6.28E+07	60.2
1725	15-Sep-16	22:19:03	59	62	55	82.8	59	---	59	4.77E+07	59.0
1726	15-Sep-16	22:20:03	59.6	63.8	55.1	90.8	59.6	---	59.6	5.47E+07	59.6
1727	15-Sep-16	22:21:03	57.9	62.1	51.3	84.8	57.9	---	57.9	3.70E+07	57.9
1728	15-Sep-16	22:22:03	58.2	63.5	54.2	83.5	58.2	---	58.2	3.96E+07	58.2
1729	15-Sep-16	22:23:03	57.3	62.2	53	82.8	57.3	---	57.3	3.22E+07	57.3
1730	15-Sep-16	22:24:03	57.4	60.2	52.3	80.3	57.4	---	57.4	3.30E+07	57.4
1731	15-Sep-16	22:25:03	57.9	60.9	52.9	82.8	57.9	---	57.9	3.70E+07	57.9
1732	15-Sep-16	22:26:03	57.9	62.1	51.8	81.2	57.9	---	57.9	3.70E+07	57.9
1733	15-Sep-16	22:27:03	59.2	64.7	53.2	87.3	59.2	---	59.2	4.99E+07	59.2
1734	15-Sep-16	22:28:03	57.5	60.1	49.4	83.5	57.5	---	57.5	3.37E+07	57.5
1735	15-Sep-16	22:29:03	59	65.2	54.6	87.3	59	---	59	4.77E+07	59.0
1736	15-Sep-16	22:30:03	59.2	62.8	53.2	84.8	59.2	---	59.2	4.99E+07	59.2
1737	15-Sep-16	22:31:03	58.4	62.9	52.6	84.1	58.4	---	58.4	4.15E+07	58.4
1738	15-Sep-16	22:32:03	60.5	63.7	57.4	85.3	60.5	---	60.5	6.73E+07	60.5
1739	15-Sep-16	22:33:03	59.4	62.8	56.7	87.7	59.4	---	59.4	5.23E+07	59.4
1740	15-Sep-16	22:34:03	58.3	61.5	54.3	87.3	58.3	---	58.3	4.06E+07	58.3
1741	15-Sep-16	22:35:03	57.6	60.4	54.1	80.3	57.6	---	57.6	3.45E+07	57.6
1742	15-Sep-16	22:36:03	57.4	60.5	50.3	81.2	57.4	---	57.4	3.30E+07	57.4
1743	15-Sep-16	22:37:03	56.2	60.7	47.5	82.8	56.2	---	56.2	2.50E+07	56.2
1744	15-Sep-16	22:38:03	57.4	62	52.8	83.5	57.4	---	57.4	3.30E+07	57.4
1745	15-Sep-16	22:39:03	59.6	64.9	51.8	85.8	59.6	---	59.6	5.47E+07	59.6
1746	15-Sep-16	22:40:03	58.8	67	50.3	86.3	58.8	---	58.8	4.55E+07	58.8
1747	15-Sep-16	22:41:03	57.6	61.7	53.1	81.2	57.6	---	57.6	3.45E+07	57.6
1748	15-Sep-16	22:42:03	59.1	64.6	53.1	85.8	59.1	---	59.1	4.88E+07	59.1
1749	15-Sep-16	22:43:03	57.1	60.6	53.7	86.3	57.1	---	57.1	3.08E+07	57.1
1750	15-Sep-16	22:44:03	58.2	61.7	54.9	85.3	58.2	---	58.2	3.96E+07	58.2
1751	15-Sep-16	22:45:03	59.9	64.7	52.8	85.8	59.9	---	59.9	5.86E+07	59.9
1752	15-Sep-16	22:46:03	57	61	51.4	81.2	57	---	57	3.01E+07	57.0
1753	15-Sep-16	22:47:03	58.7	64.4	52.7	85.3	58.7	---	58.7	4.45E+07	58.7
1754	15-Sep-16	22:48:03	57.6	66.7	51.5	87.7	57.6	---	57.6	3.45E+07	57.6
1755	15-Sep-16	22:49:03	57.9	61.4	54	80.3	57.9	---	57.9	3.70E+07	57.9
1756	15-Sep-16	22:50:03	56.8	59.9	51.9	86.8	56.8	---	56.8	2.87E+07	56.8

1757	15-Sep-16	22:51:03	56.6	60.2	52.5	79.3	56.6	---	56.6	2.74E+07	56.6
1758	15-Sep-16	22:52:03	56.6	60.1	48.8	82.1	56.6	---	56.6	2.74E+07	56.6
1759	15-Sep-16	22:53:03	57.9	62.2	53.8	84.1	57.9	---	57.9	3.70E+07	57.9
1760	15-Sep-16	22:54:03	57.5	60.8	53.2	81.2	57.5	---	57.5	3.37E+07	57.5
1761	15-Sep-16	22:55:03	59.1	65.3	51.4	88.9	59.1	---	59.1	4.88E+07	59.1
1762	15-Sep-16	22:56:03	56.9	62.3	51.6	82.1	56.9	---	56.9	2.94E+07	56.9
1763	15-Sep-16	22:57:03	56.4	59.7	51.5	81.2	56.4	---	56.4	2.62E+07	56.4
1764	15-Sep-16	22:58:03	58.3	67.8	53.5	85.3	58.3	---	58.3	4.06E+07	58.3
1765	15-Sep-16	22:59:03	58.6	68	53.6	84.8	58.6	---	58.6	4.35E+07	58.6
										2.53E+09	58.5
1766	15-Sep-16	23:00:03	55.3	58.6	48.1	78.1	55.3	---	55.3	2.03E+07	55.3
1767	15-Sep-16	23:01:03	56.3	59.9	50.4	86.8	56.3	---	56.3	2.56E+07	56.3
1768	15-Sep-16	23:02:03	57.6	61.5	52.2	83.5	57.6	---	57.6	3.45E+07	57.6
1769	15-Sep-16	23:03:03	58.4	64.5	52.7	84.1	58.4	---	58.4	4.15E+07	58.4
1770	15-Sep-16	23:04:03	58.7	62.1	52.8	84.8	58.7	---	58.7	4.45E+07	58.7
1771	15-Sep-16	23:05:03	56.9	62.5	51.6	82.1	56.9	---	56.9	2.94E+07	56.9
1772	15-Sep-16	23:06:03	57.5	62.8	50.2	84.1	57.5	---	57.5	3.37E+07	57.5
1773	15-Sep-16	23:07:03	58.6	65.9	53	84.8	58.6	---	58.6	4.35E+07	58.6
1774	15-Sep-16	23:08:03	55.3	60.9	51.7	82.8	55.3	---	55.3	2.03E+07	55.3
1775	15-Sep-16	23:09:03	57.8	63.5	51.5	84.8	57.8	---	57.8	3.62E+07	57.8
1776	15-Sep-16	23:10:03	56.6	60.3	49.6	84.1	56.6	---	56.6	2.74E+07	56.6
1777	15-Sep-16	23:11:03	54.3	57.9	47.3	86.8	54.3	---	54.3	1.61E+07	54.3
1778	15-Sep-16	23:12:03	56.4	59.1	49.8	84.1	56.4	---	56.4	2.62E+07	56.4
1779	15-Sep-16	23:13:03	56.1	62.1	49.5	80.3	56.1	---	56.1	2.44E+07	56.1
1780	15-Sep-16	23:14:03	56.7	58.8	52.2	82.1	56.7	---	56.7	2.81E+07	56.7
1781	15-Sep-16	23:15:03	57	60.9	51.5	85.3	57	---	57	3.01E+07	57.0
1782	15-Sep-16	23:16:03	57.7	62.3	49.8	84.8	57.7	---	57.7	3.53E+07	57.7
1783	15-Sep-16	23:17:03	58.2	61.7	52.7	83.5	58.2	---	58.2	3.96E+07	58.2
1784	15-Sep-16	23:18:03	56.7	62.3	50.8	86.3	56.7	---	56.7	2.81E+07	56.7
1785	15-Sep-16	23:19:03	58.5	65.4	50.9	82.8	58.5	---	58.5	4.25E+07	58.5
1786	15-Sep-16	23:20:03	58.4	62	54.8	82.1	58.4	---	58.4	4.15E+07	58.4
1787	15-Sep-16	23:21:03	59.4	64.3	56.3	83.5	59.4	---	59.4	5.23E+07	59.4
1788	15-Sep-16	23:22:03	59	63.8	57.1	86.8	59	---	59	4.77E+07	59.0
1789	15-Sep-16	23:23:03	58.1	63.8	49.7	87.3	58.1	---	58.1	3.87E+07	58.1
1790	15-Sep-16	23:24:03	56.8	59	52.6	84.1	56.8	---	56.8	2.87E+07	56.8
1791	15-Sep-16	23:25:03	56.9	62.8	52.4	86.3	56.9	---	56.9	2.94E+07	56.9
1792	15-Sep-16	23:26:03	58.1	63.9	50.1	87.3	58.1	---	58.1	3.87E+07	58.1
1793	15-Sep-16	23:27:03	56.5	60.7	51.9	82.1	56.5	---	56.5	2.68E+07	56.5
1794	15-Sep-16	23:28:03	56.4	60.8	51.6	80.3	56.4	---	56.4	2.62E+07	56.4
1795	15-Sep-16	23:29:03	57.8	61.3	51	82.1	57.8	---	57.8	3.62E+07	57.8
1796	15-Sep-16	23:30:03	56.6	62.6	47.9	84.1	56.6	---	56.6	2.74E+07	56.6
1797	15-Sep-16	23:31:03	63.7	76.2	53.1	93.3	63.7	---	63.7	1.41E+08	63.7
1798	15-Sep-16	23:32:03	58.9	64.4	51.1	84.1	58.9	---	58.9	4.66E+07	58.9
1799	15-Sep-16	23:33:03	57.7	63.2	52	81.2	57.7	---	57.7	3.53E+07	57.7
1800	15-Sep-16	23:34:03	56.2	58.1	53.2	85.8	56.2	---	56.2	2.50E+07	56.2
1801	15-Sep-16	23:35:03	57.5	62.3	50.7	84.1	57.5	---	57.5	3.37E+07	57.5
1802	15-Sep-16	23:36:03	59.3	63.2	51.2	90.2	59.3	---	59.3	5.11E+07	59.3
1803	15-Sep-16	23:37:03	57.7	61.3	53.6	82.8	57.7	---	57.7	3.53E+07	57.7
1804	15-Sep-16	23:38:03	59.4	65.6	52	86.3	59.4	---	59.4	5.23E+07	59.4
1805	15-Sep-16	23:39:03	58	61.2	54	88.1	58	---	58	3.79E+07	58.0
1806	15-Sep-16	23:40:03	56.7	62.2	51.3	80.3	56.7	---	56.7	2.81E+07	56.7
1807	15-Sep-16	23:41:03	57.6	61.2	50.5	84.8	57.6	---	57.6	3.45E+07	57.6
1808	15-Sep-16	23:42:03	58.3	66	48.7	83.5	58.3	---	58.3	4.06E+07	58.3
1809	15-Sep-16	23:43:03	55.7	59	52	79.3	55.7	---	55.7	2.23E+07	55.7
1810	15-Sep-16	23:44:03	54.8	58.4	49.2	84.8	54.8	---	54.8	1.81E+07	54.8
1811	15-Sep-16	23:45:03	56.4	63	46.2	86.3	56.4	---	56.4	2.62E+07	56.4
1812	15-Sep-16	23:46:03	55.9	60.7	49.1	86.3	55.9	---	55.9	2.33E+07	55.9
1813	15-Sep-16	23:47:03	58	64.2	51	84.1	58	---	58	3.79E+07	58.0
1814	15-Sep-16	23:48:03	58	63.5	52	82.1	58	---	58	3.79E+07	58.0
1815	15-Sep-16	23:49:03	54.9	59.3	49	80.3	54.9	---	54.9	1.85E+07	54.9
1816	15-Sep-16	23:50:03	55.1	58.2	45.7	87.3	55.1	---	55.1	1.94E+07	55.1
1817	15-Sep-16	23:51:03	53.6	60.4	46.5	83.5	53.6	---	53.6	1.37E+07	53.6
1818	15-Sep-16	23:52:03	57.3	63.1	51.9	82.1	57.3	---	57.3	3.22E+07	57.3
1819	15-Sep-16	23:53:03	56.7	61.4	50.4	79.3	56.7	---	56.7	2.81E+07	56.7
1820	15-Sep-16	23:54:03	55.6	63.5	46.3	86.3	55.6	---	55.6	2.18E+07	55.6
1821	15-Sep-16	23:55:03	56.7	63.9	52.1	83.5	56.7	---	56.7	2.81E+07	56.7
1822	15-Sep-16	23:56:03	57	59.4	52.1	83.5	57	---	57	3.01E+07	57.0
1823	15-Sep-16	23:57:03	58.6	64.2	49.5	83.5	58.6	---	58.6	4.35E+07	58.6
1824	15-Sep-16	23:58:03	55.9	59.2	49.5	82.1	55.9	---	55.9	2.33E+07	55.9
1825	15-Sep-16	23:59:03	57.1	61.8	49.6	85.8	57.1	---	57.1	3.08E+07	57.1
										2.04E+09	57.5
1826	16-Sep-16	0:00:03	57.3	62.5	48.2	83.5	57.3	---	57.3	3.22E+07	57.3
1827	16-Sep-16	0:01:03	58.4	62.7	53.5	86.8	58.4	---	58.4	4.15E+07	58.4
1828	16-Sep-16	0:02:03	57.2	62.5	49.1	82.1	57.2	---	57.2	3.15E+07	57.2
1829	16-Sep-16	0:03:03	57.1	60.1	50	84.1	57.1	---	57.1	3.08E+07	57.1
1830	16-Sep-16	0:04:03	57.5	62.1	50	85.3	57.5	---	57.5	3.37E+07	57.5
1831	16-Sep-16	0:05:03	58.3	63.1	52.6	82.8	58.3	---	58.3	4.06E+07	58.3
1832	16-Sep-16	0:06:03	58.7	63.2	48.1	85.3	58.7	---	58.7	4.45E+07	58.7
1833	16-Sep-16	0:07:03	58.5	62	54.9	82.1	58.5	---	58.5	4.25E+07	58.5
1834	16-Sep-16	0:08:03	56.7	61.9	51.4	80.3	56.7	---	56.7	2.81E+07	56.7
1835	16-Sep-16	0:09:03	59.6	64.5	50.8	87.3	59.6	---	59.6	5.47E+07	59.6
1836	16-Sep-16	0:10:03	59.7	65.6	55.5	87.3	59.7	---	59.7	5.60E+07	59.7

1837	16-Sep-16	0:11:03	56.7	60.4	50.3	83.5	56.7	---	56.7	2.81E+07	56.7
1838	16-Sep-16	0:12:03	58.4	64.6	52.7	82.1	58.4	---	58.4	4.15E+07	58.4
1839	16-Sep-16	0:13:03	56.8	59.9	51.7	76.8	56.8	---	56.8	2.87E+07	56.8
1840	16-Sep-16	0:14:03	59.5	64.1	54.8	85.3	59.5	---	59.5	5.35E+07	59.5
1841	16-Sep-16	0:15:03	60.2	65.5	52	83.5	60.2	---	60.2	6.28E+07	60.2
1842	16-Sep-16	0:16:03	56.7	60.8	48.5	81.2	56.7	---	56.7	2.81E+07	56.7
1843	16-Sep-16	0:17:03	59.6	64.3	53.1	84.8	59.6	---	59.6	5.47E+07	59.6
1844	16-Sep-16	0:18:03	59.1	63.7	51.2	81.2	59.1	---	59.1	4.88E+07	59.1
1845	16-Sep-16	0:19:03	58.8	64.1	48.5	80.3	58.8	---	58.8	4.55E+07	58.8
1846	16-Sep-16	0:20:03	57.2	62.4	44.4	78.1	57.2	---	57.2	3.15E+07	57.2
1847	16-Sep-16	0:21:03	55.1	59.2	49.9	75.2	55.1	---	55.1	1.94E+07	55.1
1848	16-Sep-16	0:22:03	56.9	62.1	51.7	86.3	56.9	---	56.9	2.94E+07	56.9
1849	16-Sep-16	0:23:03	56.3	62.1	46	83.5	56.3	---	56.3	2.56E+07	56.3
1850	16-Sep-16	0:24:03	56.1	59.7	51.1	89.2	56.1	---	56.1	2.44E+07	56.1
1851	16-Sep-16	0:25:03	56.9	63.6	49.7	86.8	56.9	---	56.9	2.94E+07	56.9
1852	16-Sep-16	0:26:03	57.4	63.6	47.6	88.5	57.4	---	57.4	3.30E+07	57.4
1853	16-Sep-16	0:27:03	53.4	58.3	48.5	78.1	53.4	---	53.4	1.31E+07	53.4
1854	16-Sep-16	0:28:03	55.1	61.5	48	76.8	55.1	---	55.1	1.94E+07	55.1
1855	16-Sep-16	0:29:03	55.4	60	47	81.2	55.4	---	55.4	2.08E+07	55.4
1856	16-Sep-16	0:30:03	58.2	63.7	51.9	85.8	58.2	---	58.2	3.96E+07	58.2
1857	16-Sep-16	0:31:03	54.5	60.7	41.4	82.8	54.5	---	54.5	1.69E+07	54.5
1858	16-Sep-16	0:32:03	55.7	64.7	44	84.8	55.7	---	55.7	2.23E+07	55.7
1859	16-Sep-16	0:33:03	54	61.8	45.6	81.2	54	---	54	1.51E+07	54.0
1860	16-Sep-16	0:34:03	57.1	63.1	48.5	86.3	57.1	---	57.1	3.08E+07	57.1
1861	16-Sep-16	0:35:03	56.6	62.4	49.6	81.2	56.6	---	56.6	2.74E+07	56.6
1862	16-Sep-16	0:36:03	55.9	64.4	48.2	82.1	55.9	---	55.9	2.33E+07	55.9
1863	16-Sep-16	0:37:03	55.7	63.1	44.6	85.3	55.7	---	55.7	2.23E+07	55.7
1864	16-Sep-16	0:38:03	52.1	59.5	44.5	88.5	52.1	---	52.1	9.73E+06	52.1
1865	16-Sep-16	0:39:03	53.7	60.4	47.3	84.1	53.7	---	53.7	1.41E+07	53.7
1866	16-Sep-16	0:40:03	54.4	61.4	45.2	85.8	54.4	---	54.4	1.65E+07	54.4
1867	16-Sep-16	0:41:03	53.1	56.6	48.3	79.3	53.1	---	53.1	1.23E+07	53.1
1868	16-Sep-16	0:42:03	52.5	58	46.4	75.2	52.5	---	52.5	1.07E+07	52.5
1869	16-Sep-16	0:43:03	55.6	60.7	51	81.2	55.6	---	55.6	2.18E+07	55.6
1870	16-Sep-16	0:44:03	57.8	68.8	48.5	88.5	57.8	---	57.8	3.62E+07	57.8
1871	16-Sep-16	0:45:03	56.7	64	45.9	86.3	56.7	---	56.7	2.81E+07	56.7
1872	16-Sep-16	0:46:03	54	57.8	47.6	76.8	54	---	54	1.51E+07	54.0
1873	16-Sep-16	0:47:03	54.8	61.5	43.1	87.7	54.8	---	54.8	1.81E+07	54.8
1874	16-Sep-16	0:48:03	56.3	64.9	48.6	82.8	56.3	---	56.3	2.56E+07	56.3
1875	16-Sep-16	0:49:03	56	61.7	49.7	84.8	56	---	56	2.39E+07	56.0
1876	16-Sep-16	0:50:03	55.1	61.6	49.3	76.8	55.1	---	55.1	1.94E+07	55.1
1877	16-Sep-16	0:51:03	53.9	59.6	45.4	83.5	53.9	---	53.9	1.47E+07	53.9
1878	16-Sep-16	0:52:03	56.3	60.5	45.5	84.1	56.3	---	56.3	2.56E+07	56.3
1879	16-Sep-16	0:53:03	56.3	61.2	48.1	82.1	56.3	---	56.3	2.56E+07	56.3
1880	16-Sep-16	0:54:03	56	62.5	49	83.5	56	---	56	2.39E+07	56.0
1881	16-Sep-16	0:55:03	57.9	63.6	52	82.8	57.9	---	57.9	3.70E+07	57.9
1882	16-Sep-16	0:56:03	55.5	61	44.8	82.8	55.5	---	55.5	2.13E+07	55.5
1883	16-Sep-16	0:57:03	54.5	59.1	46.7	75.2	54.5	---	54.5	1.69E+07	54.5
1884	16-Sep-16	0:58:03	57.2	63.9	48.9	84.1	57.2	---	57.2	3.15E+07	57.2
1885	16-Sep-16	0:59:03	56.5	62.7	42.2	84.8	56.5	---	56.5	2.68E+07	56.5
										1.75E+09	56.9

1886	16-Sep-16	1:00:03	51.6	58.3	39.7	79.3	51.6	---	51.6	8.67E+06	51.6
1887	16-Sep-16	1:01:03	54.2	58.7	43.8	84.1	54.2	---	54.2	1.58E+07	54.2
1888	16-Sep-16	1:02:03	56.6	63.6	47.4	82.8	56.6	---	56.6	2.74E+07	56.6
1889	16-Sep-16	1:03:03	54.5	60.7	45.5	80.3	54.5	---	54.5	1.69E+07	54.5
1890	16-Sep-16	1:04:03	54.7	59.8	47.6	82.8	54.7	---	54.7	1.77E+07	54.7
1891	16-Sep-16	1:05:03	58.7	65.4	52.1	86.3	58.7	---	58.7	4.45E+07	58.7
1892	16-Sep-16	1:06:03	55.1	58.5	48.7	83.5	55.1	---	55.1	1.94E+07	55.1
1893	16-Sep-16	1:07:03	53.6	58	43.5	78.1	53.6	---	53.6	1.37E+07	53.6
1894	16-Sep-16	1:08:03	54.2	60.3	44.4	84.1	54.2	---	54.2	1.58E+07	54.2
1895	16-Sep-16	1:09:03	56.1	62.8	45	82.1	56.1	---	56.1	2.44E+07	56.1
1896	16-Sep-16	1:10:03	57.1	62	48.9	83.5	57.1	---	57.1	3.08E+07	57.1
1897	16-Sep-16	1:11:03	50.6	57.3	43	75.2	50.6	---	50.6	6.89E+06	50.6
1898	16-Sep-16	1:12:03	55.8	59.8	50.6	87.7	55.8	---	55.8	2.28E+07	55.8
1899	16-Sep-16	1:13:03	56.8	62	50.9	85.8	56.8	---	56.8	2.87E+07	56.8
1900	16-Sep-16	1:14:03	53.4	58.4	40.6	84.1	53.4	---	53.4	1.31E+07	53.4
1901	16-Sep-16	1:15:03	54.9	62.7	40.8	81.2	54.9	---	54.9	1.85E+07	54.9
1902	16-Sep-16	1:16:03	57	62.8	42.1	84.8	57	---	57	3.01E+07	57.0
1903	16-Sep-16	1:17:03	56.2	63.8	46.7	88.5	56.2	---	56.2	2.50E+07	56.2
1904	16-Sep-16	1:18:03	52.7	57.8	42.9	76.8	52.7	---	52.7	1.12E+07	52.7
1905	16-Sep-16	1:19:03	57.5	66.3	46.1	84.1	57.5	---	57.5	3.37E+07	57.5
1906	16-Sep-16	1:20:03	54.9	62.2	46.9	81.2	54.9	---	54.9	1.85E+07	54.9
1907	16-Sep-16	1:21:03	58.3	65.3	47.6	82.8	58.3	---	58.3	4.06E+07	58.3
1908	16-Sep-16	1:22:03	55	61.9	47.7	81.2	55	---	55	1.90E+07	55.0
1909	16-Sep-16	1:23:03	53.9	63.2	43.9	86.8	53.9	---	53.9	1.47E+07	53.9
1910	16-Sep-16	1:24:03	55.4	60.3	44.4	89.9	55.4	---	55.4	2.08E+07	55.4
1911	16-Sep-16	1:25:03	55.3	60.5	48.1	84.1	55.3	---	55.3	2.03E+07	55.3
1912	16-Sep-16	1:26:03	56.2	64.7	47.3	85.3	56.2	---	56.2	2.50E+07	56.2
1913	16-Sep-16	1:27:03	55.1	59	51.3	85.8	55.1	---	55.1	1.94E+07	55.1
1914	16-Sep-16	1:28:03	57.1	62.9	46.4	86.3	57.1	---	57.1	3.08E+07	57.1
1915	16-Sep-16	1:29:03	55	61.5	41.6	82.1	55	---	55	1.90E+07	55.0
1916	16-Sep-16	1:30:03	55.6	58.6	48.2	86.3	55.6	---	55.6	2.18E+07	55.6
1917	16-Sep-16	1:31:03	52.5	56.8	41.5	85.3	52.5	---	52.5	1.07E+07	52.5
1918	16-Sep-16	1:32:03	54	60.2	39.5	78.1	54	---	54	1.51E+07	54.0
1919	16-Sep-16	1:33:03	53.3	62	40.1	76.8	53.3	---	53.3	1.28E+07	53.3

1920	16-Sep-16	1:34:03	52.5	56.6	43.5	75.2	52.5	---	52.5	1.07E+07	52.5
1921	16-Sep-16	1:35:03	52.5	59.9	41.8	79.3	52.5	---	52.5	1.07E+07	52.5
1922	16-Sep-16	1:36:03	53.9	59.9	45.6	78.1	53.9	---	53.9	1.47E+07	53.9
1923	16-Sep-16	1:37:03	54.1	59.9	44.7	84.8	54.1	---	54.1	1.54E+07	54.1
1924	16-Sep-16	1:38:03	50.7	58.5	40.8	73.3	50.7	---	50.7	7.05E+06	50.7
1925	16-Sep-16	1:39:03	56.6	63.4	46.6	84.1	56.6	---	56.6	2.74E+07	56.6
1926	16-Sep-16	1:40:03	56	62.9	43.2	84.1	56	---	56	2.39E+07	56.0
1927	16-Sep-16	1:41:03	58	62.8	42.8	88.5	58	---	58	3.79E+07	58.0
1928	16-Sep-16	1:42:03	55.7	61.6	41.8	85.8	55.7	---	55.7	2.23E+07	55.7
1929	16-Sep-16	1:43:03	55.4	62.6	44.4	87.7	55.4	---	55.4	2.08E+07	55.4
1930	16-Sep-16	1:44:03	54.9	59.9	40.9	78.1	54.9	---	54.9	1.85E+07	54.9
1931	16-Sep-16	1:45:03	56	63.8	41.3	80.3	56	---	56	2.39E+07	56.0
1932	16-Sep-16	1:46:03	55.1	62.4	40.8	79.3	55.1	---	55.1	1.94E+07	55.1
1933	16-Sep-16	1:47:03	55.9	60.9	43.8	76.8	55.9	---	55.9	2.33E+07	55.9
1934	16-Sep-16	1:48:03	53.2	61.5	41.5	80.3	53.2	---	53.2	1.25E+07	53.2
1935	16-Sep-16	1:49:03	56	62.6	45.9	86.3	56	---	56	2.39E+07	56.0
1936	16-Sep-16	1:50:03	55.3	63.1	46.5	87.7	55.3	---	55.3	2.03E+07	55.3
1937	16-Sep-16	1:51:03	52.8	61.4	42	81.2	52.8	---	52.8	1.14E+07	52.8
1938	16-Sep-16	1:52:03	53.4	58.4	42.4	82.1	53.4	---	53.4	1.31E+07	53.4
1939	16-Sep-16	1:53:03	52.7	58.9	40.2	82.8	52.7	---	52.7	1.12E+07	52.7
1940	16-Sep-16	1:54:03	55.1	62.2	39.7	86.3	55.1	---	55.1	1.94E+07	55.1
1941	16-Sep-16	1:55:03	53.2	58.6	41.6	78.1	53.2	---	53.2	1.25E+07	53.2
1942	16-Sep-16	1:56:03	54.7	60.4	41.7	79.3	54.7	---	54.7	1.77E+07	54.7
1943	16-Sep-16	1:57:03	54.4	61.3	41.6	81.2	54.4	---	54.4	1.65E+07	54.4
1944	16-Sep-16	1:58:03	54.5	62.7	39.7	87.3	54.5	---	54.5	1.69E+07	54.5
1945	16-Sep-16	1:59:03	55	62.6	47.3	82.1	55	---	55	1.90E+07	55.0
										1.18E+09	55.2
1946	16-Sep-16	2:00:03	55.3	62.2	45.6	87.7	55.3	---	55.3	2.03E+07	55.3
1947	16-Sep-16	2:01:03	55.9	62.6	44	87.7	55.9	---	55.9	2.33E+07	55.9
1948	16-Sep-16	2:02:03	55.2	58.7	49.1	86.3	55.2	---	55.2	1.99E+07	55.2
1949	16-Sep-16	2:03:03	55.5	61.3	44.8	84.1	55.5	---	55.5	2.13E+07	55.5
1950	16-Sep-16	2:04:03	53.2	60.8	48.2	78.1	53.2	---	53.2	1.25E+07	53.2
1951	16-Sep-16	2:05:03	53.1	56.5	45.1	78.1	53.1	---	53.1	1.23E+07	53.1
1952	16-Sep-16	2:06:03	54.2	61.5	42.8	88.1	54.2	---	54.2	1.58E+07	54.2
1953	16-Sep-16	2:07:03	55.8	61.6	46.6	81.2	55.8	---	55.8	2.28E+07	55.8
1954	16-Sep-16	2:08:03	55	63.8	44.3	82.1	55	---	55	1.90E+07	55.0
1955	16-Sep-16	2:09:03	53.5	61.1	41.3	84.1	53.5	---	53.5	1.34E+07	53.5
1956	16-Sep-16	2:10:03	53	60.3	41.2	82.1	53	---	53	1.20E+07	53.0
1957	16-Sep-16	2:11:03	50.6	55.5	42.6	82.1	50.6	---	50.6	6.89E+06	50.6
1958	16-Sep-16	2:12:03	52.3	60.2	42.1	82.1	52.3	---	52.3	1.02E+07	52.3
1959	16-Sep-16	2:13:03	54	60.7	41.7	84.8	54	---	54	1.51E+07	54.0
1960	16-Sep-16	2:14:03	58.8	69.7	42.1	84.8	58.8	---	58.8	4.55E+07	58.8
1961	16-Sep-16	2:15:03	53.9	60.9	42	84.8	53.9	---	53.9	1.47E+07	53.9
1962	16-Sep-16	2:16:03	53.9	60.6	47.4	82.1	53.9	---	53.9	1.47E+07	53.9
1963	16-Sep-16	2:17:03	52.5	55.7	45.8	85.3	52.5	---	52.5	1.07E+07	52.5
1964	16-Sep-16	2:18:03	56.4	64.3	45.7	82.8	56.4	---	56.4	2.62E+07	56.4
1965	16-Sep-16	2:19:03	52.1	56.7	42.8	78.1	52.1	---	52.1	9.73E+06	52.1
1966	16-Sep-16	2:20:03	56.6	63.1	44	82.8	56.6	---	56.6	2.74E+07	56.6
1967	16-Sep-16	2:21:03	57.3	65.4	42.7	84.8	57.3	---	57.3	3.22E+07	57.3
1968	16-Sep-16	2:22:03	54.9	63.2	45.1	81.2	54.9	---	54.9	1.85E+07	54.9
1969	16-Sep-16	2:23:03	55.2	60.8	47.3	83.5	55.2	---	55.2	1.99E+07	55.2
1970	16-Sep-16	2:24:03	51.9	56.7	41.7	76.8	51.9	---	51.9	9.29E+06	51.9
1971	16-Sep-16	2:25:03	56.3	62.3	49.9	80.3	56.3	---	56.3	2.56E+07	56.3
1972	16-Sep-16	2:26:03	56.8	60.7	45.6	82.8	56.8	---	56.8	2.87E+07	56.8
1973	16-Sep-16	2:27:03	54.7	60.2	44.7	81.2	54.7	---	54.7	1.77E+07	54.7
1974	16-Sep-16	2:28:03	56.1	60.1	45	80.3	56.1	---	56.1	2.44E+07	56.1
1975	16-Sep-16	2:29:03	53.5	59.5	41.2	84.1	53.5	---	53.5	1.34E+07	53.5
1976	16-Sep-16	2:30:03	57.5	63.1	41.5	84.1	57.5	---	57.5	3.37E+07	57.5
1977	16-Sep-16	2:31:03	54.4	60.7	40.4	88.5	54.4	---	54.4	1.65E+07	54.4
1978	16-Sep-16	2:32:03	55.8	61.9	41.8	80.3	55.8	---	55.8	2.28E+07	55.8
1979	16-Sep-16	2:33:03	56.2	63.1	43.5	87.3	56.2	---	56.2	2.50E+07	56.2
1980	16-Sep-16	2:34:03	57	65.2	44.2	82.1	57	---	57	3.01E+07	57.0
1981	16-Sep-16	2:35:03	55.3	59.5	48.1	80.3	55.3	---	55.3	2.03E+07	55.3
1982	16-Sep-16	2:36:03	55.5	60.1	45	81.2	55.5	---	55.5	2.13E+07	55.5
1983	16-Sep-16	2:37:03	59.7	65.8	49.1	84.8	59.7	---	59.7	5.60E+07	59.7
1984	16-Sep-16	2:38:03	54.3	61.2	41	80.3	54.3	---	54.3	1.61E+07	54.3
1985	16-Sep-16	2:39:03	52.8	59.5	45	75.2	52.8	---	52.8	1.14E+07	52.8
1986	16-Sep-16	2:40:03	57.7	63.1	46.9	83.5	57.7	---	57.7	3.53E+07	57.7
1987	16-Sep-16	2:41:03	58.3	65.6	46.8	84.1	58.3	---	58.3	4.06E+07	58.3
1988	16-Sep-16	2:42:03	55.6	62.1	40.3	79.3	55.6	---	55.6	2.18E+07	55.6
1989	16-Sep-16	2:43:03	56.5	62.6	46.4	83.5	56.5	---	56.5	2.68E+07	56.5
1990	16-Sep-16	2:44:03	59.7	68.2	38.7	89.9	59.7	---	59.7	5.60E+07	59.7
1991	16-Sep-16	2:45:03	56.5	67.4	45.1	87.3	56.5	---	56.5	2.68E+07	56.5
1992	16-Sep-16	2:46:03	52.8	60.9	39.4	81.2	52.8	---	52.8	1.14E+07	52.8
1993	16-Sep-16	2:47:03	56.2	64.7	40.9	82.1	56.2	---	56.2	2.50E+07	56.2
1994	16-Sep-16	2:48:03	55.4	62.5	47.4	79.3	55.4	---	55.4	2.08E+07	55.4
1995	16-Sep-16	2:49:03	58.4	64.7	45.2	81.2	58.4	---	58.4	4.15E+07	58.4
1996	16-Sep-16	2:50:03	52.2	56.1	38.6	85.8	52.2	---	52.2	9.96E+06	52.2
1997	16-Sep-16	2:51:03	58.1	66.5	47.6	82.8	58.1	---	58.1	3.87E+07	58.1
1998	16-Sep-16	2:52:03	55.9	62	41.6	81.2	55.9	---	55.9	2.33E+07	55.9
1999	16-Sep-16	2:53:03	50.9	55.7	37.3	78.1	50.9	---	50.9	7.38E+06	50.9
2000	16-Sep-16	2:54:03	52.8	58.5	41.6	84.8	52.8	---	52.8	1.14E+07	52.8
2001	16-Sep-16	2:55:03	56.7	63.1	45.6	86.8	56.7	---	56.7	2.81E+07	56.7
2002	16-Sep-16	2:56:03	51.7	56.2	43.1	76.8	51.7	---	51.7	8.87E+06	51.7

2003	16-Sep-16	2:57:03	56.4	65	39.9	81.2	56.4	---	56.4	2.62E+07	56.4
2004	16-Sep-16	2:58:03	55.3	61.6	41.2	84.8	55.3	---	55.3	2.03E+07	55.3
2005	16-Sep-16	2:59:03	54.7	63.7	42.1	81.2	54.7	---	54.7	1.77E+07	54.7
										1.31E+09	55.6
2006	16-Sep-16	3:00:03	55.1	59.6	41.7	82.8	55.1	---	55.1	1.94E+07	55.1
2007	16-Sep-16	3:01:03	55.7	64.2	43	84.1	55.7	---	55.7	2.23E+07	55.7
2008	16-Sep-16	3:02:03	51.6	57.3	45.9	83.5	51.6	---	51.6	8.67E+06	51.6
2009	16-Sep-16	3:03:03	53.4	58.8	42.5	84.1	53.4	---	53.4	1.31E+07	53.4
2010	16-Sep-16	3:04:03	53.8	59.3	46.9	82.1	53.8	---	53.8	1.44E+07	53.8
2011	16-Sep-16	3:05:03	51.2	59	43.4	82.1	51.2	---	51.2	7.91E+06	51.2
2012	16-Sep-16	3:06:03	51.5	55.8	43.5	78.1	51.5	---	51.5	8.48E+06	51.5
2013	16-Sep-16	3:07:03	56.5	60.7	49.3	85.8	56.5	---	56.5	2.68E+07	56.5
2014	16-Sep-16	3:08:03	51.1	57	42.3	82.8	51.1	---	51.1	7.73E+06	51.1
2015	16-Sep-16	3:09:03	55.9	63.1	41.1	81.2	55.9	---	55.9	2.33E+07	55.9
2016	16-Sep-16	3:10:03	56.4	62.5	41.7	85.3	56.4	---	56.4	2.62E+07	56.4
2017	16-Sep-16	3:11:03	58.4	65.6	47.9	83.5	58.4	---	58.4	4.15E+07	58.4
2018	16-Sep-16	3:12:03	58.6	67.5	40	84.8	58.6	---	58.6	4.35E+07	58.6
2019	16-Sep-16	3:13:03	57.3	63.7	51.2	80.3	57.3	---	57.3	3.22E+07	57.3
2020	16-Sep-16	3:14:03	56.2	63	46.2	82.1	56.2	---	56.2	2.50E+07	56.2
2021	16-Sep-16	3:15:03	58.9	63.4	44.3	87.7	58.9	---	58.9	4.66E+07	58.9
2022	16-Sep-16	3:16:03	53.6	59.6	44.2	82.1	53.6	---	53.6	1.37E+07	53.6
2023	16-Sep-16	3:17:03	55.8	60.7	46.1	83.5	55.8	---	55.8	2.28E+07	55.8
2024	16-Sep-16	3:18:03	55	60.9	39.8	84.8	55	---	55	1.90E+07	55.0
2025	16-Sep-16	3:19:03	54.8	60.5	44	80.3	54.8	---	54.8	1.81E+07	54.8
2026	16-Sep-16	3:20:03	54.1	57.6	44.6	80.3	54.1	---	54.1	1.54E+07	54.1
2027	16-Sep-16	3:21:03	58.6	63.2	47.2	88.1	58.6	---	58.6	4.35E+07	58.6
2028	16-Sep-16	3:22:03	57.4	64.9	49.1	88.5	57.4	---	57.4	3.30E+07	57.4
2029	16-Sep-16	3:23:03	55.3	58.6	48	76.8	55.3	---	55.3	2.03E+07	55.3
2030	16-Sep-16	3:24:03	59.1	66.1	47.2	84.1	59.1	---	59.1	4.88E+07	59.1
2031	16-Sep-16	3:25:03	58.1	64.3	47	82.1	58.1	---	58.1	3.87E+07	58.1
2032	16-Sep-16	3:26:03	55	64.5	38.7	83.5	55	---	55	1.90E+07	55.0
2033	16-Sep-16	3:27:03	53.3	58	43.6	78.1	53.3	---	53.3	1.28E+07	53.3
2034	16-Sep-16	3:28:03	55.3	62.7	46.9	83.5	55.3	---	55.3	2.03E+07	55.3
2035	16-Sep-16	3:29:03	49.8	54.6	44.1	76.8	49.8	---	49.8	5.73E+06	49.8
2036	16-Sep-16	3:30:03	52.4	57.9	44.5	82.8	52.4	---	52.4	1.04E+07	52.4
2037	16-Sep-16	3:31:03	52.9	60.4	37.3	86.3	52.9	---	52.9	1.17E+07	52.9
2038	16-Sep-16	3:32:03	58	64.4	49.8	85.8	58	---	58	3.79E+07	58.0
2039	16-Sep-16	3:33:03	57.3	62.7	43.4	85.8	57.3	---	57.3	3.22E+07	57.3
2040	16-Sep-16	3:34:03	53.3	59.2	42.2	79.3	53.3	---	53.3	1.28E+07	53.3
2041	16-Sep-16	3:35:03	55.8	60.6	43.2	84.1	55.8	---	55.8	2.28E+07	55.8
2042	16-Sep-16	3:36:03	57.9	65	43.7	83.5	57.9	---	57.9	3.70E+07	57.9
2043	16-Sep-16	3:37:03	56.7	63.4	39.1	84.8	56.7	---	56.7	2.81E+07	56.7
2044	16-Sep-16	3:38:03	55.6	61.2	41	79.3	55.6	---	55.6	2.18E+07	55.6
2045	16-Sep-16	3:39:03	57.6	62.3	45.8	84.1	57.6	---	57.6	3.45E+07	57.6
2046	16-Sep-16	3:40:03	56.6	62.5	46.3	86.3	56.6	---	56.6	2.74E+07	56.6
2047	16-Sep-16	3:41:03	55	60.4	42.6	80.3	55	---	55	1.90E+07	55.0
2048	16-Sep-16	3:42:03	55.1	61.7	44	82.8	55.1	---	55.1	1.94E+07	55.1
2049	16-Sep-16	3:43:03	56.8	62.8	44.1	82.8	56.8	---	56.8	2.87E+07	56.8
2050	16-Sep-16	3:44:03	57.2	62.7	42.8	84.1	57.2	---	57.2	3.15E+07	57.2
2051	16-Sep-16	3:45:03	55.6	60.4	42.7	84.1	55.6	---	55.6	2.18E+07	55.6
2052	16-Sep-16	3:46:03	57.6	64	43.4	86.3	57.6	---	57.6	3.45E+07	57.6
2053	16-Sep-16	3:47:03	53.7	62.1	41.4	87.7	53.7	---	53.7	1.41E+07	53.7
2054	16-Sep-16	3:48:03	55.7	61.5	43.9	86.3	55.7	---	55.7	2.23E+07	55.7
2055	16-Sep-16	3:49:03	58.9	65.6	46	86.8	58.9	---	58.9	4.66E+07	58.9
2056	16-Sep-16	3:50:03	57.4	62	39.8	83.5	57.4	---	57.4	3.30E+07	57.4
2057	16-Sep-16	3:51:03	57.9	65.6	43.1	84.1	57.9	---	57.9	3.70E+07	57.9
2058	16-Sep-16	3:52:03	59.5	66.3	47.1	86.3	59.5	---	59.5	5.35E+07	59.5
2059	16-Sep-16	3:53:03	60	66.6	49.7	87.7	60	---	60	6.00E+07	60.0
2060	16-Sep-16	3:54:03	54	60	43.1	78.1	54	---	54	1.51E+07	54.0
2061	16-Sep-16	3:55:03	56.7	63.8	44.6	81.2	56.7	---	56.7	2.81E+07	56.7
2062	16-Sep-16	3:56:03	59.3	65.8	47.4	88.1	59.3	---	59.3	5.11E+07	59.3
2063	16-Sep-16	3:57:03	55.2	59.2	45.4	82.8	55.2	---	55.2	1.99E+07	55.2
2064	16-Sep-16	3:58:03	55.2	62.6	42.6	82.1	55.2	---	55.2	1.99E+07	55.2
2065	16-Sep-16	3:59:03	56.7	63	47.5	84.8	56.7	---	56.7	2.81E+07	56.7
										1.56E+09	56.4
2066	16-Sep-16	4:00:03	54.4	59	47.7	82.1	54.4	---	54.4	1.65E+07	54.4
2067	16-Sep-16	4:01:03	57.5	62.4	43.7	85.8	57.5	---	57.5	3.37E+07	57.5
2068	16-Sep-16	4:02:03	57.4	63	47.7	81.2	57.4	---	57.4	3.30E+07	57.4
2069	16-Sep-16	4:03:03	55.7	62.3	43.7	84.1	55.7	---	55.7	2.23E+07	55.7
2070	16-Sep-16	4:04:03	55.8	62.2	43.3	86.8	55.8	---	55.8	2.28E+07	55.8
2071	16-Sep-16	4:05:03	55	59.5	42.2	85.3	55	---	55	1.90E+07	55.0
2072	16-Sep-16	4:06:03	55.5	58.7	49.6	82.8	55.5	---	55.5	2.13E+07	55.5
2073	16-Sep-16	4:07:03	57.3	62.5	50.5	84.8	57.3	---	57.3	3.22E+07	57.3
2074	16-Sep-16	4:08:03	53.7	59.8	42.1	83.5	53.7	---	53.7	1.41E+07	53.7
2075	16-Sep-16	4:09:03	58.2	63.1	43.1	82.1	58.2	---	58.2	3.96E+07	58.2
2076	16-Sep-16	4:10:03	57.5	64.1	42.9	85.8	57.5	---	57.5	3.37E+07	57.5
2077	16-Sep-16	4:11:03	58.8	61.4	53.9	86.8	58.8	---	58.8	4.55E+07	58.8
2078	16-Sep-16	4:12:03	57.6	61.6	51.1	84.1	57.6	---	57.6	3.45E+07	57.6
2079	16-Sep-16	4:13:03	59.7	64.3	54.4	85.3	59.7	---	59.7	5.60E+07	59.7
2080	16-Sep-16	4:14:03	60.7	64.8	51.7	86.8	60.7	---	60.7	7.05E+07	60.7
2081	16-Sep-16	4:15:03	58.1	63.8	50.4	82.8	58.1	---	58.1	3.87E+07	58.1
2082	16-Sep-16	4:16:03	58.9	63.8	46.8	82.8	58.9	---	58.9	4.66E+07	58.9

2083	16-Sep-16	4:17:03	59.2	63.1	50.3	84.1	59.2	---	59.2	4.99E+07	59.2
2084	16-Sep-16	4:18:03	60.2	65.8	48.8	84.1	60.2	---	60.2	6.28E+07	60.2
2085	16-Sep-16	4:19:03	60.4	66.2	51.6	88.5	60.4	---	60.4	6.58E+07	60.4
2086	16-Sep-16	4:20:03	58.8	63.7	47.5	86.8	58.8	---	58.8	4.55E+07	58.8
2087	16-Sep-16	4:21:03	59.9	65	50.5	87.7	59.9	---	59.9	5.86E+07	59.9
2088	16-Sep-16	4:22:03	59.2	64.7	49.2	84.8	59.2	---	59.2	4.99E+07	59.2
2089	16-Sep-16	4:23:03	58.8	65.3	46.6	84.1	58.8	---	58.8	4.55E+07	58.8
2090	16-Sep-16	4:24:03	58	64.7	51.1	84.8	58	---	58	3.79E+07	58.0
2091	16-Sep-16	4:25:03	53.9	61.5	45.6	83.5	53.9	---	53.9	1.47E+07	53.9
2092	16-Sep-16	4:26:03	58.4	65.7	47.5	83.5	58.4	---	58.4	4.15E+07	58.4
2093	16-Sep-16	4:27:03	56.7	61.9	51.6	84.1	56.7	---	56.7	2.81E+07	56.7
2094	16-Sep-16	4:28:03	58.3	63.2	51.8	87.7	58.3	---	58.3	4.06E+07	58.3
2095	16-Sep-16	4:29:03	57.4	61.8	51.5	84.8	57.4	---	57.4	3.30E+07	57.4
2096	16-Sep-16	4:30:03	54.6	58.2	49.2	81.2	54.6	---	54.6	1.73E+07	54.6
2097	16-Sep-16	4:31:03	58.2	65.5	49.6	82.8	58.2	---	58.2	3.96E+07	58.2
2098	16-Sep-16	4:32:03	60.3	66.2	51.2	86.8	60.3	---	60.3	6.43E+07	60.3
2099	16-Sep-16	4:33:03	58.2	63.8	51.4	86.3	58.2	---	58.2	3.96E+07	58.2
2100	16-Sep-16	4:34:03	57.9	61.1	52.3	81.2	57.9	---	57.9	3.70E+07	57.9
2101	16-Sep-16	4:35:03	59.2	62.7	54.2	85.3	59.2	---	59.2	4.99E+07	59.2
2102	16-Sep-16	4:36:03	57.8	62.2	51.2	84.8	57.8	---	57.8	3.62E+07	57.8
2103	16-Sep-16	4:37:03	59.4	64.3	51.4	84.8	59.4	---	59.4	5.23E+07	59.4
2104	16-Sep-16	4:38:03	59.1	64.3	50	86.8	59.1	---	59.1	4.88E+07	59.1
2105	16-Sep-16	4:39:03	58.5	65.2	48.2	85.3	58.5	---	58.5	4.25E+07	58.5
2106	16-Sep-16	4:40:03	59.4	66	53.8	85.8	59.4	---	59.4	5.23E+07	59.4
2107	16-Sep-16	4:41:03	58.6	62.5	52.5	86.3	58.6	---	58.6	4.35E+07	58.6
2108	16-Sep-16	4:42:03	58.4	62.7	50.8	80.3	58.4	---	58.4	4.15E+07	58.4
2109	16-Sep-16	4:43:03	61.2	66.4	55.3	83.5	61.2	---	61.2	7.91E+07	61.2
2110	16-Sep-16	4:44:03	60.9	64.4	55.7	85.3	60.9	---	60.9	7.38E+07	60.9
2111	16-Sep-16	4:45:03	59.1	62.4	54.3	83.5	59.1	---	59.1	4.88E+07	59.1
2112	16-Sep-16	4:46:03	59.4	63.5	52	85.8	59.4	---	59.4	5.23E+07	59.4
2113	16-Sep-16	4:47:03	57.8	61.9	52.2	80.3	57.8	---	57.8	3.62E+07	57.8
2114	16-Sep-16	4:48:03	60.6	66.5	52.4	86.3	60.6	---	60.6	6.89E+07	60.6
2115	16-Sep-16	4:49:03	60.6	67	49.8	87.3	60.6	---	60.6	6.89E+07	60.6
2116	16-Sep-16	4:50:03	56.8	60.7	49.7	84.1	56.8	---	56.8	2.87E+07	56.8
2117	16-Sep-16	4:51:03	60.2	64.9	49.5	86.8	60.2	---	60.2	6.28E+07	60.2
2118	16-Sep-16	4:52:03	60.2	64.9	55	84.1	60.2	---	60.2	6.28E+07	60.2
2119	16-Sep-16	4:53:03	58.5	64.8	52.6	82.8	58.5	---	58.5	4.25E+07	58.5
2120	16-Sep-16	4:54:03	60.8	64	56.6	88.5	60.8	---	60.8	7.21E+07	60.8
2121	16-Sep-16	4:55:03	58.7	62	54.1	82.8	58.7	---	58.7	4.45E+07	58.7
2122	16-Sep-16	4:56:03	57.4	62.7	49.8	85.8	57.4	---	57.4	3.30E+07	57.4
2123	16-Sep-16	4:57:03	60.8	65.9	52.6	86.3	60.8	---	60.8	7.21E+07	60.8
2124	16-Sep-16	4:58:03	56.6	60.8	49	82.8	56.6	---	56.6	2.74E+07	56.6
2125	16-Sep-16	4:59:03	60.8	68	49.4	85.3	60.8	---	60.8	7.21E+07	60.8
										2.66E+09	58.7

2126	16-Sep-16	5:00:03	59.1	64.8	52.3	86.8	59.1	---	59.1	4.88E+07	59.1
2127	16-Sep-16	5:01:03	59.9	64.6	53.2	85.3	59.9	---	59.9	5.86E+07	59.9
2128	16-Sep-16	5:02:03	60.4	65.5	48.1	85.8	60.4	---	60.4	6.58E+07	60.4
2129	16-Sep-16	5:03:03	61.8	66.9	57.3	87.3	61.8	---	61.8	9.08E+07	61.8
2130	16-Sep-16	5:04:03	59.9	64.1	53.6	85.3	59.9	---	59.9	5.86E+07	59.9
2131	16-Sep-16	5:05:03	60.1	64	53	91.9	60.1	---	60.1	6.14E+07	60.1
2132	16-Sep-16	5:06:03	58.2	64.7	46.7	83.5	58.2	---	58.2	3.96E+07	58.2
2133	16-Sep-16	5:07:03	61	67.8	53.4	86.3	61	---	61	7.55E+07	61.0
2134	16-Sep-16	5:08:03	59.7	64.4	50.5	85.8	59.7	---	59.7	5.60E+07	59.7
2135	16-Sep-16	5:09:03	60.6	66.7	49.7	87.7	60.6	---	60.6	6.89E+07	60.6
2136	16-Sep-16	5:10:03	59.6	65.4	52.6	84.1	59.6	---	59.6	5.47E+07	59.6
2137	16-Sep-16	5:11:03	62.5	69.9	53.4	86.3	62.5	---	62.5	1.07E+08	62.5
2138	16-Sep-16	5:12:03	61	67.3	53.3	87.7	61	---	61	7.55E+07	61.0
2139	16-Sep-16	5:13:03	61.5	65.8	54.8	87.3	61.5	---	61.5	8.48E+07	61.5
2140	16-Sep-16	5:14:03	60.2	67.4	54.5	88.1	60.2	---	60.2	6.28E+07	60.2
2141	16-Sep-16	5:15:03	60.3	63.6	56.3	88.1	60.3	---	60.3	6.43E+07	60.3
2142	16-Sep-16	5:16:03	61.6	67	56.4	91.9	61.6	---	61.6	8.67E+07	61.6
2143	16-Sep-16	5:17:03	62.3	69.1	55.4	86.3	62.3	---	62.3	1.02E+08	62.3
2144	16-Sep-16	5:18:03	60.5	65.1	50.2	86.3	60.5	---	60.5	6.73E+07	60.5
2145	16-Sep-16	5:19:03	61.6	67.3	56.6	88.5	61.6	---	61.6	8.67E+07	61.6
2146	16-Sep-16	5:20:03	60.3	64.7	56.4	86.3	60.3	---	60.3	6.43E+07	60.3
2147	16-Sep-16	5:21:03	60.3	65.3	56.2	85.3	60.3	---	60.3	6.43E+07	60.3
2148	16-Sep-16	5:22:03	59.9	64.1	55.5	85.8	59.9	---	59.9	5.86E+07	59.9
2149	16-Sep-16	5:23:03	61.4	66.6	53.9	88.9	61.4	---	61.4	8.28E+07	61.4
2150	16-Sep-16	5:24:03	62	66.7	58.9	93.1	62	---	62	9.51E+07	62.0
2151	16-Sep-16	5:25:03	60.2	66.8	55.9	84.8	60.2	---	60.2	6.28E+07	60.2
2152	16-Sep-16	5:26:03	62.6	69.3	57.4	87.3	62.6	---	62.6	1.09E+08	62.6
2153	16-Sep-16	5:27:03	62.6	67.7	57.9	89.2	62.6	---	62.6	1.09E+08	62.6
2154	16-Sep-16	5:28:03	60.8	64.7	55.7	86.8	60.8	---	60.8	7.21E+07	60.8
2155	16-Sep-16	5:29:03	60.9	70.2	54.6	87.3	60.9	---	60.9	7.38E+07	60.9
2156	16-Sep-16	5:30:03	60.1	66.6	54.7	90.2	60.1	---	60.1	6.14E+07	60.1
2157	16-Sep-16	5:31:03	61.1	64.1	56.2	86.3	61.1	---	61.1	7.73E+07	61.1
2158	16-Sep-16	5:32:03	60.6	65.3	53.7	88.1	60.6	---	60.6	6.89E+07	60.6
2159	16-Sep-16	5:33:03	60.6	65.3	56.3	82.8	60.6	---	60.6	6.89E+07	60.6
2160	16-Sep-16	5:34:03	61.8	69.4	55.1	89.9	61.8	---	61.8	9.08E+07	61.8
2161	16-Sep-16	5:35:03	61.2	65.2	56.5	89.9	61.2	---	61.2	7.91E+07	61.2
2162	16-Sep-16	5:36:03	61.5	66.8	53.7	88.5	61.5	---	61.5	8.48E+07	61.5
2163	16-Sep-16	5:37:03	61.5	64.5	57.2	84.8	61.5	---	61.5	8.48E+07	61.5
2164	16-Sep-16	5:38:03	61.6	65.9	57.6	87.3	61.6	---	61.6	8.67E+07	61.6
2165	16-Sep-16	5:39:03	60.5	66.4	56.3	84.1	60.5	---	60.5	6.73E+07	60.5

2166	16-Sep-16	5:40:03	60.9	66.4	58.3	90.5	60.9	---	---	60.9	7.38E+07	60.9
2167	16-Sep-16	5:41:03	61.1	64.1	56.4	85.3	61.1	---	---	61.1	7.73E+07	61.1
2168	16-Sep-16	5:42:03	60.8	63.7	57.3	85.8	60.8	---	---	60.8	7.21E+07	60.8
2169	16-Sep-16	5:43:03	61	67.1	55.6	91.6	61	---	---	61	7.55E+07	61.0
2170	16-Sep-16	5:44:03	61.8	67.2	58.9	89.5	61.8	---	---	61.8	9.08E+07	61.8
2171	16-Sep-16	5:45:03	61.6	66.9	56.3	85.3	61.6	---	---	61.6	8.67E+07	61.6
2172	16-Sep-16	5:46:03	60.6	66.5	56	85.3	60.6	---	---	60.6	6.89E+07	60.6
2173	16-Sep-16	5:47:03	60.3	64.6	54.7	88.1	60.3	---	---	60.3	6.43E+07	60.3
2174	16-Sep-16	5:48:03	61.9	69	57	87.7	61.9	---	---	61.9	9.29E+07	61.9
2175	16-Sep-16	5:49:03	61.5	65.9	56.8	88.5	61.5	---	---	61.5	8.48E+07	61.5
2176	16-Sep-16	5:50:03	60.9	66.2	55.1	85.8	60.9	---	---	60.9	7.38E+07	60.9
2177	16-Sep-16	5:51:03	61.3	64.1	55.1	87.7	61.3	---	---	61.3	8.09E+07	61.3
2178	16-Sep-16	5:52:03	61.9	65.7	57.2	88.5	61.9	---	---	61.9	9.29E+07	61.9
2179	16-Sep-16	5:53:03	61.5	65.3	56	88.1	61.5	---	---	61.5	8.48E+07	61.5
2180	16-Sep-16	5:54:03	61.6	67.1	57.5	87.3	61.6	---	---	61.6	8.67E+07	61.6
2181	16-Sep-16	5:55:03	62.2	65.3	58.9	89.5	62.2	---	---	62.2	9.96E+07	62.2
2182	16-Sep-16	5:56:03	60.5	63	58	82.8	60.5	---	---	60.5	6.73E+07	60.5
2183	16-Sep-16	5:57:03	62.8	65.4	59.7	88.5	62.8	---	---	62.8	1.14E+08	62.8
2184	16-Sep-16	5:58:03	61.7	65.2	57.6	85.8	61.7	---	---	61.7	8.87E+07	61.7
2185	16-Sep-16	5:59:03	62.9	67.7	58.1	87.3	62.9	---	---	62.9	1.17E+08	62.9
											4.67E+09	61.1

2186	16-Sep-16	6:00:03	63.1	66.7	60.1	89.9	63.1	---	---	63.1	1.23E+08	63.1
2187	16-Sep-16	6:01:03	63.9	65.4	60.7	89.2	63.9	---	---	63.9	1.47E+08	63.9
2188	16-Sep-16	6:02:03	63.4	66.3	59.5	89.9	63.4	---	---	63.4	1.31E+08	63.4
2189	16-Sep-16	6:03:03	63	66.8	59	88.1	63	---	---	63	1.20E+08	63.0
2190	16-Sep-16	6:04:03	64.7	68.3	61.3	92.1	64.7	---	---	64.7	1.77E+08	64.7
2191	16-Sep-16	6:05:03	62.5	65.5	57.9	86.3	62.5	---	---	62.5	1.07E+08	62.5
2192	16-Sep-16	6:06:03	63.3	68.3	58.7	91.9	63.3	---	---	63.3	1.28E+08	63.3
2193	16-Sep-16	6:07:03	63.8	67.3	59.6	90.5	63.8	---	---	63.8	1.44E+08	63.8
2194	16-Sep-16	6:08:03	63.7	68.9	59.5	90.8	63.7	---	---	63.7	1.41E+08	63.7
2195	16-Sep-16	6:09:03	62.5	64.8	59.2	89.9	62.5	---	---	62.5	1.07E+08	62.5
2196	16-Sep-16	6:10:03	62	66	57	89.2	62	---	---	62	9.51E+07	62.0
2197	16-Sep-16	6:11:03	63.7	70.2	58.8	87.3	63.7	---	---	63.7	1.41E+08	63.7
2198	16-Sep-16	6:12:03	64.2	73.4	56.9	90.2	64.2	---	---	64.2	1.58E+08	64.2
2199	16-Sep-16	6:13:03	62.9	69.7	59.1	85.8	62.9	---	---	62.9	1.17E+08	62.9
2200	16-Sep-16	6:14:03	64.7	69.2	61	89.9	64.7	---	---	64.7	1.77E+08	64.7
2201	16-Sep-16	6:15:03	63.1	65.3	59.3	86.8	63.1	---	---	63.1	1.23E+08	63.1
2202	16-Sep-16	6:16:03	62.3	65.4	60	88.1	62.3	---	---	62.3	1.02E+08	62.3
2203	16-Sep-16	6:17:03	62.1	68.5	57.3	86.3	62.1	---	---	62.1	9.73E+07	62.1
2204	16-Sep-16	6:18:03	61.6	64.9	57.5	85.8	61.6	---	---	61.6	8.67E+07	61.6
2205	16-Sep-16	6:19:03	63.2	67.7	57.4	86.3	63.2	---	---	63.2	1.25E+08	63.2
2206	16-Sep-16	6:20:03	61.7	65.2	57	85.3	61.7	---	---	61.7	8.87E+07	61.7
2207	16-Sep-16	6:21:03	62.9	68.4	57.6	92.6	62.9	---	---	62.9	1.17E+08	62.9
2208	16-Sep-16	6:22:03	63.4	67.9	58.5	88.1	63.4	---	---	63.4	1.31E+08	63.4
2209	16-Sep-16	6:23:03	63.4	67.1	58.4	87.7	63.4	---	---	63.4	1.31E+08	63.4
2210	16-Sep-16	6:24:03	62.6	65.6	59.5	86.3	62.6	---	---	62.6	1.09E+08	62.6
2211	16-Sep-16	6:25:03	63.4	68.9	59.9	88.1	63.4	---	---	63.4	1.31E+08	63.4
2212	16-Sep-16	6:26:03	62.2	67.6	58	86.3	62.2	---	---	62.2	9.96E+07	62.2
2213	16-Sep-16	6:27:03	61.5	65.5	57.7	85.3	61.5	---	---	61.5	8.48E+07	61.5
2214	16-Sep-16	6:28:03	62.2	69	56.2	87.3	62.2	---	---	62.2	9.96E+07	62.2
2215	16-Sep-16	6:29:03	62.4	67.1	59.6	90.5	62.4	---	---	62.4	1.04E+08	62.4
2216	16-Sep-16	6:30:03	63.4	70.1	60.2	90.2	63.4	---	---	63.4	1.31E+08	63.4
2217	16-Sep-16	6:31:03	63.2	66.4	59.5	89.5	63.2	---	---	63.2	1.25E+08	63.2
2218	16-Sep-16	6:32:03	62.9	69.4	59.6	88.9	62.9	---	---	62.9	1.17E+08	62.9
2219	16-Sep-16	6:33:03	63.2	66.6	59.8	87.7	63.2	---	---	63.2	1.25E+08	63.2
2220	16-Sep-16	6:34:03	62.7	65.9	59.8	87.3	62.7	---	---	62.7	1.12E+08	62.7
2221	16-Sep-16	6:35:03	63.2	69.8	59.2	86.8	63.2	---	---	63.2	1.25E+08	63.2
2222	16-Sep-16	6:36:03	62.1	64.5	58.8	83.5	62.1	---	---	62.1	9.73E+07	62.1
2223	16-Sep-16	6:37:03	61.4	65.3	58.3	87.7	61.4	---	---	61.4	8.28E+07	61.4
2224	16-Sep-16	6:38:03	62.9	66.5	59.1	85.8	62.9	---	---	62.9	1.17E+08	62.9
2225	16-Sep-16	6:39:03	63	65.9	60.5	88.5	63	---	---	63	1.20E+08	63.0
2226	16-Sep-16	6:40:03	62.3	68.5	56.5	88.9	62.3	---	---	62.3	1.02E+08	62.3
2227	16-Sep-16	6:41:03	64	70.6	58.6	90.2	64	---	---	64	1.51E+08	64.0
2228	16-Sep-16	6:42:03	64.6	71.4	59.7	90.5	64.6	---	---	64.6	1.73E+08	64.6
2229	16-Sep-16	6:43:03	61.6	64.9	57.7	86.8	61.6	---	---	61.6	8.67E+07	61.6
2230	16-Sep-16	6:44:03	63.5	66	59.1	88.5	63.5	---	---	63.5	1.34E+08	63.5
2231	16-Sep-16	6:45:03	62.4	65.9	59.1	90.5	62.4	---	---	62.4	1.04E+08	62.4
2232	16-Sep-16	6:46:03	61.9	66	58.6	85.3	61.9	---	---	61.9	9.29E+07	61.9
2233	16-Sep-16	6:47:03	62.4	66	57.4	88.1	62.4	---	---	62.4	1.04E+08	62.4
2234	16-Sep-16	6:48:03	63.8	66.3	60.9	86.3	63.8	---	---	63.8	1.44E+08	63.8
2235	16-Sep-16	6:49:03	63.7	69.3	59.6	88.9	63.7	---	---	63.7	1.41E+08	63.7
2236	16-Sep-16	6:50:03	65.5	75.5	61	90.5	65.5	---	---	65.5	2.13E+08	65.5
2237	16-Sep-16	6:51:03	62.5	64.6	59.1	86.8	62.5	---	---	62.5	1.07E+08	62.5
2238	16-Sep-16	6:52:03	62.9	66.4	60.6	89.5	62.9	---	---	62.9	1.17E+08	62.9
2239	16-Sep-16	6:53:03	62.8	65.7	59.8	87.7	62.8	---	---	62.8	1.14E+08	62.8
2240	16-Sep-16	6:54:03	61.6	63.7	58.7	84.1	61.6	---	---	61.6	8.67E+07	61.6
2241	16-Sep-16	6:55:03	61.3	63.9	57.4	84.1	61.3	---	---	61.3	8.09E+07	61.3
2242	16-Sep-16	6:56:03	62.1	67.1	58.2	88.9	62.1	---	---	62.1	9.73E+07	62.1
2243	16-Sep-16	6:57:03	63.4	67.8	58.4	87.3	63.4	---	---	63.4	1.31E+08	63.4
2244	16-Sep-16	6:58:03	61.8	65	58.9	86.8	61.8	---	---	61.8	9.08E+07	61.8
2245	16-Sep-16	6:59:03	61.7	65.4	58.2	87.3	61.7	---	---	61.7	8.87E+07	61.7
											7.15E+09	63.0

2246	16-Sep-16	7:00:03	62.5	67.1	58.3	90.5	62.5	---	62.5	1.07E+08	62.5
2247	16-Sep-16	7:01:03	63.6	69.1	60	87.7	63.6	---	63.6	1.37E+08	63.6
2248	16-Sep-16	7:02:03	63.1	67	59.8	88.5	63.1	---	63.1	1.23E+08	63.1
2249	16-Sep-16	7:03:03	62.7	68.9	59.4	87.7	62.7	---	62.7	1.12E+08	62.7
2250	16-Sep-16	7:04:03	63.1	66.1	59.8	88.1	63.1	---	63.1	1.23E+08	63.1
2251	16-Sep-16	7:05:03	62.7	66.1	58.6	86.8	62.7	---	62.7	1.12E+08	62.7
2252	16-Sep-16	7:06:03	62.2	65.8	58.6	87.7	62.2	---	62.2	9.96E+07	62.2
2253	16-Sep-16	7:07:03	63	65.7	60.5	87.3	63	---	63	1.20E+08	63.0
2254	16-Sep-16	7:08:03	62.8	67.8	58	90.5	62.8	---	62.8	1.14E+08	62.8
2255	16-Sep-16	7:09:03	62.4	70.7	56.8	85.8	62.4	---	62.4	1.04E+08	62.4
2256	16-Sep-16	7:10:03	62.4	66.6	59.9	89.2	62.4	---	62.4	1.04E+08	62.4
2257	16-Sep-16	7:11:03	61	64.8	56.5	83.5	61	---	61	7.55E+07	61.0
2258	16-Sep-16	7:12:03	63.7	67.5	59.9	90.5	63.7	---	63.7	1.41E+08	63.7
2259	16-Sep-16	7:13:03	62.5	65.1	59.8	85.8	62.5	---	62.5	1.07E+08	62.5
2260	16-Sep-16	7:14:03	63.5	67.2	60.5	86.8	63.5	---	63.5	1.34E+08	63.5
2261	16-Sep-16	7:15:03	63.1	66.3	60.1	85.3	63.1	---	63.1	1.23E+08	63.1
2262	16-Sep-16	7:16:03	64.8	72.4	60.2	89.9	64.8	---	64.8	1.81E+08	64.8
2263	16-Sep-16	7:17:03	63.6	68.8	59.6	87.7	63.6	---	63.6	1.37E+08	63.6
2264	16-Sep-16	7:18:03	62.1	64.9	60.1	86.8	62.1	---	62.1	9.73E+07	62.1
2265	16-Sep-16	7:19:03	62.2	65.2	59.5	90.8	62.2	---	62.2	9.96E+07	62.2
2266	16-Sep-16	7:20:03	62.7	65.6	59.4	89.2	62.7	---	62.7	1.12E+08	62.7
2267	16-Sep-16	7:21:03	63.6	68.8	59.2	92.4	63.6	---	63.6	1.37E+08	63.6
2268	16-Sep-16	7:22:03	61.2	64.5	56.7	87.7	61.2	---	61.2	7.91E+07	61.2
2269	16-Sep-16	7:23:03	61.5	64.2	58.6	86.8	61.5	---	61.5	8.48E+07	61.5
2270	16-Sep-16	7:24:03	62	66.4	58.3	87.3	62	---	62	9.51E+07	62.0
2271	16-Sep-16	7:25:03	61.7	67.6	55.1	90.2	61.7	---	61.7	8.87E+07	61.7
2272	16-Sep-16	7:26:03	63.8	69.2	57.8	91.3	63.8	---	63.8	1.44E+08	63.8
2273	16-Sep-16	7:27:03	62.1	69.4	58.2	92.6	62.1	---	62.1	9.73E+07	62.1
2274	16-Sep-16	7:28:03	63.9	72.5	60.1	93.9	63.9	---	63.9	1.47E+08	63.9
2275	16-Sep-16	7:29:03	61.9	67.5	55.8	86.8	61.9	---	61.9	9.29E+07	61.9
2276	16-Sep-16	7:30:03	62.8	68.8	58.6	88.5	62.8	---	62.8	1.14E+08	62.8
2277	16-Sep-16	7:31:03	61.2	65.4	55	85.3	61.2	---	61.2	7.91E+07	61.2
2278	16-Sep-16	7:32:03	63.3	67.7	57.9	88.5	63.3	---	63.3	1.28E+08	63.3
2279	16-Sep-16	7:33:03	64.3	71.3	59.7	93.3	64.3	---	64.3	1.61E+08	64.3
2280	16-Sep-16	7:34:03	62.5	64.8	60.3	87.7	62.5	---	62.5	1.07E+08	62.5
2281	16-Sep-16	7:35:03	63.1	66.2	60.4	93.5	63.1	---	63.1	1.23E+08	63.1
2282	16-Sep-16	7:36:03	63.1	66.5	59.9	88.1	63.1	---	63.1	1.23E+08	63.1
2283	16-Sep-16	7:37:03	64.2	69.5	60.1	90.5	64.2	---	64.2	1.58E+08	64.2
2284	16-Sep-16	7:38:03	64.8	70.9	61.5	89.2	64.8	---	64.8	1.81E+08	64.8
2285	16-Sep-16	7:39:03	64.8	67.7	62	90.2	64.8	---	64.8	1.81E+08	64.8
2286	16-Sep-16	7:40:03	64.4	68.8	61.1	89.9	64.4	---	64.4	1.65E+08	64.4
2287	16-Sep-16	7:41:03	64.3	68.8	60.2	102.5	64.3	---	64.3	1.61E+08	64.3
2288	16-Sep-16	7:42:03	63.9	69	60.4	87.7	63.9	---	63.9	1.47E+08	63.9
2289	16-Sep-16	7:43:03	64.1	68.3	59.2	89.9	64.1	---	64.1	1.54E+08	64.1
2290	16-Sep-16	7:44:03	63.9	65.5	61.4	89.5	63.9	---	63.9	1.47E+08	63.9
2291	16-Sep-16	7:45:03	64.7	67.2	62.5	89.2	64.7	---	64.7	1.77E+08	64.7
2292	16-Sep-16	7:46:03	63.4	65.5	61.1	86.3	63.4	---	63.4	1.31E+08	63.4
2293	16-Sep-16	7:47:03	63.4	67	60.7	96.4	63.4	---	63.4	1.31E+08	63.4
2294	16-Sep-16	7:48:03	64.5	68	61.1	88.1	64.5	---	64.5	1.69E+08	64.5
2295	16-Sep-16	7:49:03	63.8	69.3	60.1	88.1	63.8	---	63.8	1.44E+08	63.8
2296	16-Sep-16	7:50:03	63.8	66.6	59.9	91.9	63.8	---	63.8	1.44E+08	63.8
2297	16-Sep-16	7:51:03	63.3	65.9	60.7	88.9	63.3	---	63.3	1.28E+08	63.3
2298	16-Sep-16	7:52:03	63.6	68.8	60.2	89.9	63.6	---	63.6	1.37E+08	63.6
2299	16-Sep-16	7:53:03	64.9	69.3	60.2	87.3	64.9	---	64.9	1.85E+08	64.9
2300	16-Sep-16	7:54:03	62.3	65.4	59.2	90.2	62.3	---	62.3	1.02E+08	62.3
2301	16-Sep-16	7:55:03	62.2	65.8	58.3	87.3	62.2	---	62.2	9.96E+07	62.2
2302	16-Sep-16	7:56:03	64.2	67.1	60.6	91.1	64.2	---	64.2	1.58E+08	64.2
2303	16-Sep-16	7:57:03	62.7	64.9	59.2	89.2	62.7	---	62.7	1.12E+08	62.7
2304	16-Sep-16	7:58:03	63.8	68.2	59.6	87.3	63.8	---	63.8	1.44E+08	63.8
2305	16-Sep-16	7:59:03	63.7	68.2	57.9	88.1	63.7	---	63.7	1.41E+08	63.7
										7.66E+09	63.3
2306	16-Sep-16	8:00:03	63.5	69.2	60.4	92.8	63.5	---	63.5	1.34E+08	63.5
2307	16-Sep-16	8:01:03	62.3	65.6	59	87.7	62.3	---	62.3	1.02E+08	62.3
2308	16-Sep-16	8:02:03	63.9	70	60.6	93.7	63.9	---	63.9	1.47E+08	63.9
2309	16-Sep-16	8:03:03	61.4	68.5	56.6	92.4	61.4	---	61.4	8.28E+07	61.4
2310	16-Sep-16	8:04:03	60.2	62.6	55	85.3	60.2	---	60.2	6.28E+07	60.2
2311	16-Sep-16	8:05:03	62.7	66.9	57.5	85.8	62.7	---	62.7	1.12E+08	62.7
2312	16-Sep-16	8:06:03	62.5	65.1	60.1	85.8	62.5	---	62.5	1.07E+08	62.5
2313	16-Sep-16	8:07:03	62.4	65.9	60.1	86.8	62.4	---	62.4	1.04E+08	62.4
2314	16-Sep-16	8:08:03	64.8	70.6	60	90.8	64.8	---	64.8	1.81E+08	64.8
2315	16-Sep-16	8:09:03	62.4	65	60.4	84.1	62.4	---	62.4	1.04E+08	62.4
2316	16-Sep-16	8:10:03	63	67.4	60	85.3	63	---	63	1.20E+08	63.0
2317	16-Sep-16	8:11:03	62.7	68.2	59.7	84.1	62.7	---	62.7	1.12E+08	62.7
2318	16-Sep-16	8:12:03	63.1	67.4	59.8	88.1	63.1	---	63.1	1.23E+08	63.1
2319	16-Sep-16	8:13:03	62.8	66.4	60.7	86.3	62.8	---	62.8	1.14E+08	62.8
2320	16-Sep-16	8:14:03	62.7	67.1	57.7	88.5	62.7	---	62.7	1.12E+08	62.7
2321	16-Sep-16	8:15:03	62	65.2	58.6	84.8	62	---	62	9.51E+07	62.0
2322	16-Sep-16	8:16:03	62.5	65.1	60.4	86.3	62.5	---	62.5	1.07E+08	62.5
2323	16-Sep-16	8:17:03	63.1	65.7	61.1	85.3	63.1	---	63.1	1.23E+08	63.1
2324	16-Sep-16	8:18:03	63.9	68.7	61.1	86.3	63.9	---	63.9	1.47E+08	63.9
2325	16-Sep-16	8:19:03	62.1	64	58.7	86.3	62.1	---	62.1	9.73E+07	62.1
2326	16-Sep-16	8:20:03	62.6	65.7	59.3	87.3	62.6	---	62.6	1.09E+08	62.6
2327	16-Sep-16	8:21:03	61.6	63.3	58.5	86.8	61.6	---	61.6	8.67E+07	61.6
2328	16-Sep-16	8:22:03	63.2	66.3	60.8	87.7	63.2	---	63.2	1.25E+08	63.2

2329	16-Sep-16	8:23:03	63.3	66.7	59.1	90.2	63.3	---	63.3	1.28E+08	63.3
2330	16-Sep-16	8:24:03	64	69	58.8	89.5	64	---	64	1.51E+08	64.0
2331	16-Sep-16	8:25:03	62.6	66	60.7	85.8	62.6	---	62.6	1.09E+08	62.6
2332	16-Sep-16	8:26:03	62.8	66.8	60.4	86.8	62.8	---	62.8	1.14E+08	62.8
2333	16-Sep-16	8:27:03	62.5	68	58	86.8	62.5	---	62.5	1.07E+08	62.5
2334	16-Sep-16	8:28:03	61.9	66	58.4	86.3	61.9	---	61.9	9.29E+07	61.9
2335	16-Sep-16	8:29:03	62.4	65.5	59.8	86.3	62.4	---	62.4	1.04E+08	62.4
2336	16-Sep-16	8:30:03	62.3	66.8	59.7	84.8	62.3	---	62.3	1.02E+08	62.3
2337	16-Sep-16	8:31:03	63.9	68.2	61	86.3	63.9	---	63.9	1.47E+08	63.9
2338	16-Sep-16	8:32:03	63.6	69.2	60.4	92.8	63.6	---	63.6	1.37E+08	63.6
2339	16-Sep-16	8:33:03	61.9	66.1	59	86.3	61.9	---	61.9	9.29E+07	61.9
2340	16-Sep-16	8:34:03	61.9	67.5	59.9	89.5	61.9	---	61.9	9.29E+07	61.9
2341	16-Sep-16	8:35:03	61.9	67.6	58.7	88.9	61.9	---	61.9	9.29E+07	61.9
2342	16-Sep-16	8:36:03	62.3	66.3	58.8	87.3	62.3	---	62.3	1.02E+08	62.3
2343	16-Sep-16	8:37:03	63	66.5	59.6	89.2	63	---	63	1.20E+08	63.0
2344	16-Sep-16	8:38:03	62.1	64.8	59.8	86.8	62.1	---	62.1	9.73E+07	62.1
2345	16-Sep-16	8:39:03	62.5	64.8	57	84.1	62.5	---	62.5	1.07E+08	62.5
2346	16-Sep-16	8:40:03	61.8	64.3	59.3	86.3	61.8	---	61.8	9.08E+07	61.8
2347	16-Sep-16	8:41:03	62.1	64.5	58.1	84.1	62.1	---	62.1	9.73E+07	62.1
2348	16-Sep-16	8:42:03	62.1	65.6	58.9	88.9	62.1	---	62.1	9.73E+07	62.1
2349	16-Sep-16	8:43:03	60.8	62.9	58.3	86.3	60.8	---	60.8	7.21E+07	60.8
2350	16-Sep-16	8:44:03	60.3	63.6	57.9	85.3	60.3	---	60.3	6.43E+07	60.3
2351	16-Sep-16	8:45:03	62.1	65.9	57.6	85.3	62.1	---	62.1	9.73E+07	62.1
2352	16-Sep-16	8:46:03	60.8	64.2	58.3	86.8	60.8	---	60.8	7.21E+07	60.8
2353	16-Sep-16	8:47:03	61.5	65.9	58.3	89.2	61.5	---	61.5	8.48E+07	61.5
2354	16-Sep-16	8:48:03	63.6	76	58.4	93.9	63.6	---	63.6	1.37E+08	63.6
2355	16-Sep-16	8:49:03	60.1	63.8	57.6	83.5	60.1	---	60.1	6.14E+07	60.1
2356	16-Sep-16	8:50:03	61.1	66	57.1	85.8	61.1	---	61.1	7.73E+07	61.1
2357	16-Sep-16	8:51:03	60.9	65.9	57.5	88.9	60.9	---	60.9	7.38E+07	60.9
2358	16-Sep-16	8:52:03	61.6	65.7	57.7	85.3	61.6	---	61.6	8.67E+07	61.6
2359	16-Sep-16	8:53:03	62.1	66.5	58.3	85.3	62.1	---	62.1	9.73E+07	62.1
2360	16-Sep-16	8:54:03	61.4	65.8	58.4	86.8	61.4	---	61.4	8.28E+07	61.4
2361	16-Sep-16	8:55:03	60.9	63.8	57.8	85.3	60.9	---	60.9	7.38E+07	60.9
2362	16-Sep-16	8:56:03	62.7	65.6	57.5	87.3	62.7	---	62.7	1.12E+08	62.7
2363	16-Sep-16	8:57:03	61.8	66.2	58.9	84.1	61.8	---	61.8	9.08E+07	61.8
2364	16-Sep-16	8:58:03	62.6	70.8	57.5	87.3	62.6	---	62.6	1.09E+08	62.6
2365	16-Sep-16	8:59:03	63.4	71.2	58.3	87.3	63.4	---	63.4	1.31E+08	63.4
										6.31E+09	62.4

2366	16-Sep-16	9:00:03	62.6	66.6	59.1	87.3	62.6	---	62.6	1.09E+08	62.6
2367	16-Sep-16	9:01:03	61.1	65.2	58.1	84.1	61.1	---	61.1	7.73E+07	61.1
2368	16-Sep-16	9:02:03	61.8	66.3	59.1	86.3	61.8	---	61.8	9.08E+07	61.8
2369	16-Sep-16	9:03:03	62.6	65.9	58.2	89.2	62.6	---	62.6	1.09E+08	62.6
2370	16-Sep-16	9:04:03	61.4	66	57.2	84.8	61.4	---	61.4	8.28E+07	61.4
2371	16-Sep-16	9:05:03	61.9	65	59.5	90.2	61.9	---	61.9	9.29E+07	61.9
2372	16-Sep-16	9:06:03	62.3	65.3	57.6	87.7	62.3	---	62.3	1.02E+08	62.3
2373	16-Sep-16	9:07:03	63.1	66.6	58.5	86.3	63.1	---	63.1	1.23E+08	63.1
2374	16-Sep-16	9:08:03	62.6	65	59.8	86.3	62.6	---	62.6	1.09E+08	62.6
2375	16-Sep-16	9:09:03	63.3	66.1	59.8	88.5	63.3	---	63.3	1.28E+08	63.3
2376	16-Sep-16	9:10:03	62.7	65.9	57.8	88.1	62.7	---	62.7	1.12E+08	62.7
2377	16-Sep-16	9:11:03	63.9	66.8	59.3	88.5	63.9	---	63.9	1.47E+08	63.9
2378	16-Sep-16	9:12:03	62.8	66.3	60.3	90.2	62.8	---	62.8	1.14E+08	62.8
2379	16-Sep-16	9:13:03	61.3	64.5	57	84.8	61.3	---	61.3	8.09E+07	61.3
2380	16-Sep-16	9:14:03	63.2	65.8	59.3	85.8	63.2	---	63.2	1.25E+08	63.2
2381	16-Sep-16	9:15:03	62.5	65.6	59.6	88.9	62.5	---	62.5	1.07E+08	62.5
2382	16-Sep-16	9:16:03	63.1	66.4	59.5	86.3	63.1	---	63.1	1.23E+08	63.1
2383	16-Sep-16	9:17:03	62.4	65.7	59.5	86.8	62.4	---	62.4	1.04E+08	62.4
2384	16-Sep-16	9:18:03	63.1	66.3	59.5	95.2	63.1	---	63.1	1.23E+08	63.1
2385	16-Sep-16	9:19:03	63.4	67.5	60.9	91.1	63.4	---	63.4	1.31E+08	63.4
2386	16-Sep-16	9:20:03	63.1	65.5	60	91.3	63.1	---	63.1	1.23E+08	63.1
2387	16-Sep-16	9:21:03	63.5	68.9	58.5	88.9	63.5	---	63.5	1.34E+08	63.5
2388	16-Sep-16	9:22:03	63.3	68.2	60.4	89.5	63.3	---	63.3	1.28E+08	63.3
2389	16-Sep-16	9:23:03	62.9	64.8	61	87.7	62.9	---	62.9	1.17E+08	62.9
2390	16-Sep-16	9:24:03	64.2	67.8	60.5	91.3	64.2	---	64.2	1.58E+08	64.2
2391	16-Sep-16	9:25:03	63.3	67.4	59.8	88.1	63.3	---	63.3	1.28E+08	63.3
2392	16-Sep-16	9:26:03	61.1	64.4	59.4	87.7	61.1	---	61.1	7.73E+07	61.1
2393	16-Sep-16	9:27:03	63.2	65.2	60.2	88.9	63.2	---	63.2	1.25E+08	63.2
2394	16-Sep-16	9:28:03	61.4	64.4	58.7	88.1	61.4	---	61.4	8.28E+07	61.4
2395	16-Sep-16	9:29:03	62.6	65.3	58.7	86.3	62.6	---	62.6	1.09E+08	62.6
2396	16-Sep-16	9:30:03	62.6	64.6	57.9	87.3	62.6	---	62.6	1.09E+08	62.6
2397	16-Sep-16	9:31:03	60.2	63.7	56.8	87.3	60.2	---	60.2	6.28E+07	60.2
2398	16-Sep-16	9:32:03	60.5	64.2	57	85.8	60.5	---	60.5	6.73E+07	60.5
2399	16-Sep-16	9:33:03	61.8	64.1	58.8	89.9	61.8	---	61.8	9.08E+07	61.8
2400	16-Sep-16	9:34:03	62.6	65.1	59.9	87.7	62.6	---	62.6	1.09E+08	62.6
2401	16-Sep-16	9:35:03	62.3	65.3	56.1	87.3	62.3	---	62.3	1.02E+08	62.3
2402	16-Sep-16	9:36:03	61.5	64	58.5	87.3	61.5	---	61.5	8.48E+07	61.5
2403	16-Sep-16	9:37:03	61.7	67.4	59.1	85.8	61.7	---	61.7	8.87E+07	61.7
2404	16-Sep-16	9:38:03	62.1	65.1	60.2	86.3	62.1	---	62.1	9.73E+07	62.1
2405	16-Sep-16	9:39:03	62.3	67.8	55.9	88.5	62.3	---	62.3	1.02E+08	62.3
2406	16-Sep-16	9:40:03	62.5	66	58.9	86.3	62.5	---	62.5	1.07E+08	62.5
2407	16-Sep-16	9:41:03	63	64.9	61.1	88.1	63	---	63	1.20E+08	63.0
2408	16-Sep-16	9:42:03	69.1	82.1	59.4	108.1	69.1	54	64.1	4.88E+08	69.1
2409	16-Sep-16	9:43:03	62.9	65.9	59.2	88.1	62.9	---	62.9	1.17E+08	62.9
2410	16-Sep-16	9:44:03	62.5	66.2	59.8	88.5	62.5	---	62.5	1.07E+08	62.5
2411	16-Sep-16	9:45:03	62.2	64.3	59.8	86.3	62.2	---	62.2	9.96E+07	62.2

2412	16-Sep-16	9:46:03	62.3	64.6	58.7	85.8	62.3	---	62.3	1.02E+08	62.3
2413	16-Sep-16	9:47:03	63.9	71.4	59.1	87.7	63.9	---	63.9	1.47E+08	63.9
2414	16-Sep-16	9:48:03	63.2	65.6	59.8	88.1	63.2	---	63.2	1.25E+08	63.2
2415	16-Sep-16	9:49:03	63.1	66.8	60.9	87.7	63.1	---	63.1	1.23E+08	63.1
2416	16-Sep-16	9:50:03	62.3	65	59.6	85.3	62.3	---	62.3	1.02E+08	62.3
2417	16-Sep-16	9:51:03	61.4	64.1	58.3	85.3	61.4	---	61.4	8.28E+07	61.4
2418	16-Sep-16	9:52:03	61	63.8	57.1	85.3	61	---	61	7.55E+07	61.0
2419	16-Sep-16	9:53:03	62.7	65.9	58.7	90.8	62.7	---	62.7	1.12E+08	62.7
2420	16-Sep-16	9:54:03	61.1	63.8	58.3	84.8	61.1	---	61.1	7.73E+07	61.1
2421	16-Sep-16	9:55:03	62.7	67.5	57.9	89.2	62.7	---	62.7	1.12E+08	62.7
2422	16-Sep-16	9:56:03	63.2	68.1	59.5	87.3	63.2	---	63.2	1.25E+08	63.2
2423	16-Sep-16	9:57:03	62.2	65.1	59.6	85.8	62.2	---	62.2	9.96E+07	62.2
2424	16-Sep-16	9:58:03	61.6	64.5	59.2	86.3	61.6	---	61.6	8.67E+07	61.6
2425	16-Sep-16	9:59:03	61.7	64.5	59.3	84.8	61.7	---	61.7	8.87E+07	61.7
										6.78E+09	62.8

2426	16-Sep-16	10:00:03	61.6	65.1	57.2	85.3	61.6	---	61.6	8.67E+07	61.6
2427	16-Sep-16	10:01:03	62.1	66.8	58.1	85.3	62.1	---	62.1	9.73E+07	62.1
2428	16-Sep-16	10:02:03	62.2	66.6	58.1	88.9	62.2	---	62.2	9.96E+07	62.2
2429	16-Sep-16	10:03:03	62.5	65.9	58.6	86.8	62.5	---	62.5	1.07E+08	62.5
2430	16-Sep-16	10:04:03	61.7	65.1	58.2	85.3	61.7	---	61.7	8.87E+07	61.7
2431	16-Sep-16	10:05:03	62.2	68.8	57	93.3	62.2	---	62.2	9.96E+07	62.2
2432	16-Sep-16	10:06:03	62.9	65.1	59.7	86.3	62.9	---	62.9	1.17E+08	62.9
2433	16-Sep-16	10:07:03	61.7	64.1	57.7	84.8	61.7	---	61.7	8.87E+07	61.7
2434	16-Sep-16	10:08:03	63.4	66.4	59.3	86.8	63.4	---	63.4	1.31E+08	63.4
2435	16-Sep-16	10:09:03	60.6	66.1	55.6	86.3	60.6	---	60.6	6.89E+07	60.6
2436	16-Sep-16	10:10:03	60.8	63.7	56.5	85.3	60.8	---	60.8	7.21E+07	60.8
2437	16-Sep-16	10:11:03	60.8	65.8	57.5	86.3	60.8	---	60.8	7.21E+07	60.8
2438	16-Sep-16	10:12:03	61.9	65.3	59.3	86.8	61.9	---	61.9	9.29E+07	61.9
2439	16-Sep-16	10:13:03	62.4	67.7	58.8	86.3	62.4	---	62.4	1.04E+08	62.4
2440	16-Sep-16	10:14:03	62.5	65.5	59.5	87.3	62.5	---	62.5	1.07E+08	62.5
2441	16-Sep-16	10:15:03	61.7	64.8	58.5	86.8	61.7	---	61.7	8.87E+07	61.7
2442	16-Sep-16	10:16:03	61.8	65.6	57	89.9	61.8	---	61.8	9.08E+07	61.8
2443	16-Sep-16	10:17:03	61.7	64.7	59.6	86.3	61.7	---	61.7	8.87E+07	61.7
2444	16-Sep-16	10:18:03	61.9	65.3	58	86.3	61.9	---	61.9	9.29E+07	61.9
2445	16-Sep-16	10:19:03	62.1	65.7	59.5	89.5	62.1	---	62.1	9.73E+07	62.1
2446	16-Sep-16	10:20:03	61.6	64.2	58.4	86.3	61.6	---	61.6	8.67E+07	61.6
2447	16-Sep-16	10:21:03	63.2	65.5	60	90.2	63.2	---	63.2	1.25E+08	63.2
2448	16-Sep-16	10:22:03	62.7	66.5	60.2	92.1	62.7	---	62.7	1.12E+08	62.7
2449	16-Sep-16	10:23:03	61.8	65.2	59.2	85.8	61.8	---	61.8	9.08E+07	61.8
2450	16-Sep-16	10:24:03	61.5	65.3	59	88.9	61.5	---	61.5	8.48E+07	61.5
2451	16-Sep-16	10:25:03	63	69.1	58.3	89.5	63	---	63	1.20E+08	63.0
2452	16-Sep-16	10:26:03	63.1	67.5	60	90.5	63.1	---	63.1	1.23E+08	63.1
2453	16-Sep-16	10:27:03	60.6	64.3	57.3	88.1	60.6	---	60.6	6.89E+07	60.6
2454	16-Sep-16	10:28:03	60.6	66	55	85.3	60.6	---	60.6	6.89E+07	60.6
2455	16-Sep-16	10:29:03	61.6	65.2	56.9	85.8	61.6	---	61.6	8.67E+07	61.6
2456	16-Sep-16	10:30:03	61.3	64.4	58.3	84.8	61.3	---	61.3	8.09E+07	61.3
2457	16-Sep-16	10:31:03	64.3	69.4	59.8	89.9	64.3	---	64.3	1.61E+08	64.3
2458	16-Sep-16	10:32:03	62.9	65.9	60.7	88.1	62.9	---	62.9	1.17E+08	62.9
2459	16-Sep-16	10:33:03	62.4	65.6	59.9	90.2	62.4	---	62.4	1.04E+08	62.4
2460	16-Sep-16	10:34:03	63	67.2	59.8	97.2	63	---	63	1.20E+08	63.0
2461	16-Sep-16	10:35:03	62.8	65.5	58.3	87.7	62.8	---	62.8	1.14E+08	62.8
2462	16-Sep-16	10:36:03	61.5	66.9	58.1	88.5	61.5	---	61.5	8.48E+07	61.5
2463	16-Sep-16	10:37:03	62	65.6	57.7	86.8	62	---	62	9.51E+07	62.0
2464	16-Sep-16	10:38:03	61.9	68.1	58	89.2	61.9	---	61.9	9.29E+07	61.9
2465	16-Sep-16	10:39:03	61.6	64.7	58.6	85.3	61.6	---	61.6	8.67E+07	61.6
2466	16-Sep-16	10:40:03	62.3	65.9	59	88.9	62.3	---	62.3	1.02E+08	62.3
2467	16-Sep-16	10:41:03	63.9	67.8	59.9	88.9	63.9	---	63.9	1.47E+08	63.9
2468	16-Sep-16	10:42:03	63.6	67	60.5	88.9	63.6	---	63.6	1.37E+08	63.6
2469	16-Sep-16	10:43:03	60.3	64.1	56.6	84.8	60.3	---	60.3	6.43E+07	60.3
2470	16-Sep-16	10:44:03	62.2	66.1	58.2	87.7	62.2	---	62.2	9.96E+07	62.2
2471	16-Sep-16	10:45:03	64.3	75	58.4	91.1	64.3	---	64.3	1.61E+08	64.3
2472	16-Sep-16	10:46:03	63.6	67.6	60	91.6	63.6	---	63.6	1.37E+08	63.6
2473	16-Sep-16	10:47:03	63.1	67.2	59.3	89.9	63.1	---	63.1	1.23E+08	63.1
2474	16-Sep-16	10:48:03	62.3	66.3	59.2	85.8	62.3	---	62.3	1.02E+08	62.3
2475	16-Sep-16	10:49:03	61.3	63.9	59.2	89.5	61.3	---	61.3	8.09E+07	61.3
2476	16-Sep-16	10:50:03	60.9	64.6	57.9	88.1	60.9	---	60.9	7.38E+07	60.9
2477	16-Sep-16	10:51:03	63.3	66.3	58.1	88.5	63.3	---	63.3	1.28E+08	63.3
2478	16-Sep-16	10:52:03	62.3	66.1	59.9	85.8	62.3	---	62.3	1.02E+08	62.3
2479	16-Sep-16	10:53:03	62.1	68.9	59.9	86.8	62.1	---	62.1	9.73E+07	62.1
2480	16-Sep-16	10:54:03	61.1	63.5	58.3	84.8	61.1	---	61.1	7.73E+07	61.1
2481	16-Sep-16	10:55:03	63.5	68.1	58.9	88.1	63.5	---	63.5	1.34E+08	63.5
2482	16-Sep-16	10:56:03	62.4	66.3	59.6	88.5	62.4	---	62.4	1.04E+08	62.4
2483	16-Sep-16	10:57:03	61.8	66.5	58.8	87.7	61.8	---	61.8	9.08E+07	61.8
2484	16-Sep-16	10:58:03	61.5	63.8	58.8	89.2	61.5	---	61.5	8.48E+07	61.5
2485	16-Sep-16	10:59:03	62.1	65.4	59	85.8	62.1	---	62.1	9.73E+07	62.1
										6.06E+09	62.3

2486	16-Sep-16	11:00:03	65.1	75.6	59.7	93.7	65.1	---	65.1	1.94E+08	65.1
2487	16-Sep-16	11:01:03	62.3	65.4	59.5	89.5	62.3	---	62.3	1.02E+08	62.3
2488	16-Sep-16	11:02:03	63.1	65.7	60.7	89.5	63.1	---	63.1	1.23E+08	63.1
2489	16-Sep-16	11:03:03	61.5	64.5	57.3	85.8	61.5	---	61.5	8.48E+07	61.5
2490	16-Sep-16	11:04:03	61.7	66	56.8	86.3	61.7	---	61.7	8.87E+07	61.7
2491	16-Sep-16	11:05:03	62.6	66	58.8	87.7	62.6	---	62.6	1.09E+08	62.6

2492	16-Sep-16	11:06:03	61.7	64.9	58.4	87.7	61.7	---	61.7	8.87E+07	61.7
2493	16-Sep-16	11:07:03	61.7	64.4	58.9	85.8	61.7	---	61.7	8.87E+07	61.7
2494	16-Sep-16	11:08:03	64.5	73	57.4	95.4	64.5	---	64.5	1.69E+08	64.5
2495	16-Sep-16	11:09:03	64	70.7	59.9	88.9	64	---	64	1.51E+08	64.0
2496	16-Sep-16	11:10:03	62	65.5	59.2	89.5	62	---	62	9.51E+07	62.0
2497	16-Sep-16	11:11:03	61.7	64	58.5	89.5	61.7	---	61.7	8.87E+07	61.7
2498	16-Sep-16	11:12:03	61.8	64.6	59.1	87.3	61.8	---	61.8	9.08E+07	61.8
2499	16-Sep-16	11:13:03	63	69.3	59.4	86.8	63	---	63	1.20E+08	63.0
2500	16-Sep-16	11:14:03	62.5	66.6	59.7	88.5	62.5	---	62.5	1.07E+08	62.5
2501	16-Sep-16	11:15:03	61.5	63.7	59.4	87.3	61.5	---	61.5	8.48E+07	61.5
2502	16-Sep-16	11:16:03	61.2	66.5	57.7	89.5	61.2	---	61.2	7.91E+07	61.2
2503	16-Sep-16	11:17:03	59.7	64.2	56	87.3	59.7	---	59.7	5.60E+07	59.7
2504	16-Sep-16	11:18:03	59.2	61.6	57.5	85.8	59.2	---	59.2	4.99E+07	59.2
2505	16-Sep-16	11:19:03	59.6	62.3	56.4	85.3	59.6	---	59.6	5.47E+07	59.6
2506	16-Sep-16	11:20:03	61.1	67.5	56.4	87.3	61.1	---	61.1	7.73E+07	61.1
2507	16-Sep-16	11:21:03	61.8	64.9	59	88.9	61.8	---	61.8	9.08E+07	61.8
2508	16-Sep-16	11:22:03	61.4	65	57.6	88.5	61.4	---	61.4	8.28E+07	61.4
2509	16-Sep-16	11:23:03	60.4	64.1	58.1	89.2	60.4	---	60.4	6.58E+07	60.4
2510	16-Sep-16	11:24:03	59.7	62.2	57.5	86.8	59.7	---	59.7	5.60E+07	59.7
2511	16-Sep-16	11:25:03	61.5	64.5	59.3	89.9	61.5	---	61.5	8.48E+07	61.5
2512	16-Sep-16	11:26:03	59.9	62.1	58.2	87.3	59.9	---	59.9	5.86E+07	59.9
2513	16-Sep-16	11:27:03	62.4	69	58.3	87.7	62.4	---	62.4	1.04E+08	62.4
2514	16-Sep-16	11:28:03	61.6	63.6	59.1	86.8	61.6	---	61.6	8.67E+07	61.6
2515	16-Sep-16	11:29:03	61	63.5	58.8	87.3	61	---	61	7.55E+07	61.0
2516	16-Sep-16	11:30:03	60.9	63.7	58	86.3	60.9	---	60.9	7.38E+07	60.9
2517	16-Sep-16	11:31:03	61.5	65.5	58.1	86.3	61.5	---	61.5	8.48E+07	61.5
2518	16-Sep-16	11:32:03	61.7	65	57.8	87.3	61.7	---	61.7	8.87E+07	61.7
2519	16-Sep-16	11:33:03	61.2	66.7	57.4	91.3	61.2	---	61.2	7.91E+07	61.2
2520	16-Sep-16	11:34:03	61.1	65.1	57.3	90.2	61.1	---	61.1	7.73E+07	61.1
2521	16-Sep-16	11:35:03	60.8	63	56.8	87.3	60.8	---	60.8	7.21E+07	60.8
2522	16-Sep-16	11:36:03	60.9	62.8	58.5	86.3	60.9	---	60.9	7.38E+07	60.9
2523	16-Sep-16	11:37:03	61.7	64.6	59.6	86.3	61.7	---	61.7	8.87E+07	61.7
2524	16-Sep-16	11:38:03	61.3	63.3	58.7	84.8	61.3	---	61.3	8.09E+07	61.3
2525	16-Sep-16	11:39:03	61.4	63.6	59.4	90.2	61.4	---	61.4	8.28E+07	61.4
2526	16-Sep-16	11:40:03	60.4	63.1	57.5	84.8	60.4	---	60.4	6.58E+07	60.4
2527	16-Sep-16	11:41:03	60	62.8	56.6	84.8	60	---	60	6.00E+07	60.0
2528	16-Sep-16	11:42:03	61.4	65.7	58.2	89.2	61.4	---	61.4	8.28E+07	61.4
2529	16-Sep-16	11:43:03	60.9	67.4	56.4	90.2	60.9	---	60.9	7.38E+07	60.9
2530	16-Sep-16	11:44:03	61.1	65.8	56.5	86.3	61.1	---	61.1	7.73E+07	61.1
2531	16-Sep-16	11:45:03	58.9	61.2	56.1	84.8	58.9	---	58.9	4.66E+07	58.9
2532	16-Sep-16	11:46:03	60.5	62.8	58.6	84.8	60.5	---	60.5	6.73E+07	60.5
2533	16-Sep-16	11:47:03	62.7	65.3	57.8	87.3	62.7	---	62.7	1.12E+08	62.7
2534	16-Sep-16	11:48:03	62	64	59.9	87.7	62	---	62	9.51E+07	62.0
2535	16-Sep-16	11:49:03	61.2	64.8	57.4	86.8	61.2	---	61.2	7.91E+07	61.2
2536	16-Sep-16	11:50:03	60.9	64.3	58	88.5	60.9	---	60.9	7.38E+07	60.9
2537	16-Sep-16	11:51:03	62	64.2	60	90.2	62	---	62	9.51E+07	62.0
2538	16-Sep-16	11:52:03	60.6	62.6	59	85.8	60.6	---	60.6	6.89E+07	60.6
2539	16-Sep-16	11:53:03	62.2	66.6	58.7	89.5	62.2	---	62.2	9.96E+07	62.2
2540	16-Sep-16	11:54:03	63.4	70.4	59.8	91.3	63.4	---	63.4	1.31E+08	63.4
2541	16-Sep-16	11:55:03	61.9	64.6	59.6	87.7	61.9	---	61.9	9.29E+07	61.9
2542	16-Sep-16	11:56:03	62.3	65.2	60.1	89.2	62.3	---	62.3	1.02E+08	62.3
2543	16-Sep-16	11:57:03	63.1	66.6	60	88.9	63.1	---	63.1	1.23E+08	63.1
2544	16-Sep-16	11:58:03	62.2	66.9	58	87.7	62.2	---	62.2	9.96E+07	62.2
2545	16-Sep-16	11:59:03	62.3	65.5	60	86.3	62.3	---	62.3	1.02E+08	62.3
										5.36E+09	61.7

2546	16-Sep-16	12:00:03	61.9	65.4	59.5	86.8	61.9	---	61.9	9.29E+07	61.9
2547	16-Sep-16	12:01:03	62.5	66.7	58.2	89.2	62.5	---	62.5	1.07E+08	62.5
2548	16-Sep-16	12:02:03	61.5	64	58.6	85.3	61.5	---	61.5	8.48E+07	61.5
2549	16-Sep-16	12:03:03	62.3	65.6	59.8	86.8	62.3	---	62.3	1.02E+08	62.3
2550	16-Sep-16	12:04:03	62.2	64.8	59.5	89.2	62.2	---	62.2	9.96E+07	62.2
2551	16-Sep-16	12:05:03	62.2	67.2	59.4	89.2	62.2	---	62.2	9.96E+07	62.2
2552	16-Sep-16	12:06:03	63.2	67	60.5	89.9	63.2	---	63.2	1.25E+08	63.2
2553	16-Sep-16	12:07:03	62.3	65	59.3	88.1	62.3	---	62.3	1.02E+08	62.3
2554	16-Sep-16	12:08:03	63	65.1	60	90.5	63	---	63	1.20E+08	63.0
2555	16-Sep-16	12:09:03	62.8	65.1	59.1	89.2	62.8	---	62.8	1.14E+08	62.8
2556	16-Sep-16	12:10:03	62.9	65.5	60.5	88.9	62.9	---	62.9	1.17E+08	62.9
2557	16-Sep-16	12:11:03	61.4	65	58.5	87.7	61.4	---	61.4	8.28E+07	61.4
2558	16-Sep-16	12:12:03	61.7	65.5	59.2	88.1	61.7	---	61.7	8.87E+07	61.7
2559	16-Sep-16	12:13:03	61.2	64.2	56.4	88.1	61.2	---	61.2	7.91E+07	61.2
2560	16-Sep-16	12:14:03	60.3	62	58	85.3	60.3	---	60.3	6.43E+07	60.3
2561	16-Sep-16	12:15:03	61.8	64.8	59.4	86.3	61.8	---	61.8	9.08E+07	61.8
2562	16-Sep-16	12:16:03	61.6	65.3	58.2	86.3	61.6	---	61.6	8.67E+07	61.6
2563	16-Sep-16	12:17:03	61.7	64.4	58.3	88.1	61.7	---	61.7	8.87E+07	61.7
2564	16-Sep-16	12:18:03	61.7	64.7	59.7	88.5	61.7	---	61.7	8.87E+07	61.7
2565	16-Sep-16	12:19:03	61.1	64.5	59	88.5	61.1	---	61.1	7.73E+07	61.1
2566	16-Sep-16	12:20:03	62.1	65	58.3	88.5	62.1	---	62.1	9.73E+07	62.1
2567	16-Sep-16	12:21:03	63.9	67.1	61.2	87.7	63.9	---	63.9	1.47E+08	63.9
2568	16-Sep-16	12:22:03	63	66.9	59.6	87.3	63	---	63	1.20E+08	63.0
2569	16-Sep-16	12:23:03	61.6	65.3	59.3	86.8	61.6	---	61.6	8.67E+07	61.6
2570	16-Sep-16	12:24:03	61.7	67.6	57.8	90.5	61.7	---	61.7	8.87E+07	61.7
2571	16-Sep-16	12:25:03	57.2	59.3	55.1	84.8	57.2	---	57.2	3.15E+07	57.2
2572	16-Sep-16	12:26:03	57.9	60.6	55.3	89.2	57.9	---	57.9	3.70E+07	57.9
2573	16-Sep-16	12:27:03	60.3	62.2	57.7	87.3	60.3	---	60.3	6.43E+07	60.3
2574	16-Sep-16	12:28:03	60.5	63.4	58	89.5	60.5	---	60.5	6.73E+07	60.5

2575	16-Sep-16	12:29:03	60	61.7	58.5	84.1	60	---	60	6.00E+07	60.0
2576	16-Sep-16	12:30:03	60.2	62.9	58.3	85.3	60.2	---	60.2	6.28E+07	60.2
2577	16-Sep-16	12:31:03	59.2	62.3	56.7	87.7	59.2	---	59.2	4.99E+07	59.2
2578	16-Sep-16	12:32:03	57	59.8	54.3	90.5	57	---	57	3.01E+07	57.0
2579	16-Sep-16	12:33:03	59.2	64.3	55.6	85.8	59.2	---	59.2	4.99E+07	59.2
2580	16-Sep-16	12:34:03	58.1	60.8	55.2	88.1	58.1	---	58.1	3.87E+07	58.1
2581	16-Sep-16	12:35:03	57.8	61.4	53.7	87.3	57.8	---	57.8	3.62E+07	57.8
2582	16-Sep-16	12:36:03	57.2	60.3	55.9	84.1	57.2	---	57.2	3.15E+07	57.2
2583	16-Sep-16	12:37:03	56.9	60.1	53.3	87.7	56.9	---	56.9	2.94E+07	56.9
2584	16-Sep-16	12:38:03	58.2	59.8	56.4	85.3	58.2	---	58.2	3.96E+07	58.2
2585	16-Sep-16	12:39:03	59.4	64.7	54.3	90.8	59.4	---	59.4	5.23E+07	59.4
2586	16-Sep-16	12:40:03	59.4	64.1	55.1	88.5	59.4	---	59.4	5.23E+07	59.4
2587	16-Sep-16	12:41:03	59.1	61.7	57	87.3	59.1	---	59.1	4.88E+07	59.1
2588	16-Sep-16	12:42:03	58.6	61.3	54.4	86.8	58.6	---	58.6	4.35E+07	58.6
2589	16-Sep-16	12:43:03	58.9	61.2	56.4	85.8	58.9	---	58.9	4.66E+07	58.9
2590	16-Sep-16	12:44:03	59.6	63.5	57.5	88.9	59.6	---	59.6	5.47E+07	59.6
2591	16-Sep-16	12:45:03	61.4	64.5	58.4	90.2	61.4	---	61.4	8.28E+07	61.4
2592	16-Sep-16	12:46:03	59.9	63.4	57.2	86.8	59.9	---	59.9	5.86E+07	59.9
2593	16-Sep-16	12:47:03	59.5	62.4	56.5	85.8	59.5	---	59.5	5.35E+07	59.5
2594	16-Sep-16	12:48:03	60	65.2	57	89.9	60	---	60	6.00E+07	60.0
2595	16-Sep-16	12:49:03	57.8	62.2	54.6	86.8	57.8	---	57.8	3.62E+07	57.8
2596	16-Sep-16	12:50:03	57.8	61.3	55.1	88.1	57.8	---	57.8	3.62E+07	57.8
2597	16-Sep-16	12:51:03	57.3	60.7	54.5	86.3	57.3	---	57.3	3.22E+07	57.3
2598	16-Sep-16	12:52:03	61.2	64.9	57	87.7	61.2	---	61.2	7.91E+07	61.2
2599	16-Sep-16	12:53:03	60.5	63.6	58.3	87.7	60.5	---	60.5	6.73E+07	60.5
2600	16-Sep-16	12:54:03	58.4	63.9	55.6	85.8	58.4	---	58.4	4.15E+07	58.4
2601	16-Sep-16	12:55:03	59.8	62.9	56.4	86.8	59.8	---	59.8	5.73E+07	59.8
2602	16-Sep-16	12:56:03	58.7	62.1	55.5	88.5	58.7	---	58.7	4.45E+07	58.7
2603	16-Sep-16	12:57:03	57.4	60.6	54.9	87.3	57.4	---	57.4	3.30E+07	57.4
2604	16-Sep-16	12:58:03	57.5	59.8	55.2	85.3	57.5	---	57.5	3.37E+07	57.5
2605	16-Sep-16	12:59:03	57.9	61.2	54.5	90.2	57.9	---	57.9	3.70E+07	57.9
										4.13E+09	60.6
2606	16-Sep-16	13:00:03	57.9	62	54.5	90.5	57.9	---	57.9	3.70E+07	57.9
2607	16-Sep-16	13:01:03	57.6	61.1	54.6	86.8	57.6	---	57.6	3.45E+07	57.6
2608	16-Sep-16	13:02:03	58.7	62.6	56.6	86.8	58.7	---	58.7	4.45E+07	58.7
2609	16-Sep-16	13:03:03	60	64	57.2	88.5	60	---	60	6.00E+07	60.0
2610	16-Sep-16	13:04:03	58.4	62.2	55.8	87.7	58.4	---	58.4	4.15E+07	58.4
2611	16-Sep-16	13:05:03	56.1	59.9	52.9	86.3	56.1	---	56.1	2.44E+07	56.1
2612	16-Sep-16	13:06:03	58.5	61.8	55.6	85.8	58.5	---	58.5	4.25E+07	58.5
2613	16-Sep-16	13:07:03	58.6	61.4	55.7	85.3	58.6	---	58.6	4.35E+07	58.6
2614	16-Sep-16	13:08:03	59.9	64	56	89.5	59.9	---	59.9	5.86E+07	59.9
2615	16-Sep-16	13:09:03	57.3	60.3	55.1	87.3	57.3	---	57.3	3.22E+07	57.3
2616	16-Sep-16	13:10:03	57.6	63.1	54.5	91.1	57.6	---	57.6	3.45E+07	57.6
2617	16-Sep-16	13:11:03	57	63.5	53.6	88.9	57	---	57	3.01E+07	57.0
2618	16-Sep-16	13:12:03	58.9	63.7	56.3	86.3	58.9	---	58.9	4.66E+07	58.9
2619	16-Sep-16	13:13:03	59	67.3	56.3	90.8	59	---	59	4.77E+07	59.0
2620	16-Sep-16	13:14:03	58.3	65	55.9	91.3	58.3	---	58.3	4.06E+07	58.3
2621	16-Sep-16	13:15:03	58.7	60.8	56.8	99.5	58.7	---	58.7	4.45E+07	58.7
2622	16-Sep-16	13:16:03	60.6	63.9	56.4	94.5	60.6	---	60.6	6.89E+07	60.6
2623	16-Sep-16	13:17:03	60.8	64.3	58.4	88.1	60.8	---	60.8	7.21E+07	60.8
2624	16-Sep-16	13:18:03	60.3	65.1	57.4	87.3	60.3	---	60.3	6.43E+07	60.3
2625	16-Sep-16	13:19:03	60.1	63.2	57.3	85.8	60.1	---	60.1	6.14E+07	60.1
2626	16-Sep-16	13:20:03	58.8	65.8	54.6	86.3	58.8	---	58.8	4.55E+07	58.8
2627	16-Sep-16	13:21:03	59.3	64.9	54.4	86.8	59.3	---	59.3	5.11E+07	59.3
2628	16-Sep-16	13:22:03	57.5	59.6	56	90.5	57.5	---	57.5	3.37E+07	57.5
2629	16-Sep-16	13:23:03	58.9	61.1	56.9	87.3	58.9	---	58.9	4.66E+07	58.9
2630	16-Sep-16	13:24:03	58.6	60.5	57.3	86.3	58.6	---	58.6	4.35E+07	58.6
2631	16-Sep-16	13:25:03	58.8	60.9	55.9	85.8	58.8	---	58.8	4.55E+07	58.8
2632	16-Sep-16	13:26:03	58.5	62.2	55.8	91.3	58.5	---	58.5	4.25E+07	58.5
2633	16-Sep-16	13:27:03	59.1	62.8	55.9	93.1	59.1	---	59.1	4.88E+07	59.1
2634	16-Sep-16	13:28:03	58.5	61.2	56.2	89.2	58.5	---	58.5	4.25E+07	58.5
2635	16-Sep-16	13:29:03	58.8	63.1	56.8	85.8	58.8	---	58.8	4.55E+07	58.8
2636	16-Sep-16	13:30:03	57.7	60.2	55.6	84.1	57.7	---	57.7	3.53E+07	57.7
2637	16-Sep-16	13:31:03	57.8	62.6	55.6	85.8	57.8	---	57.8	3.62E+07	57.8
2638	16-Sep-16	13:32:03	58	59.7	56.3	83.5	58	---	58	3.79E+07	58.0
2639	16-Sep-16	13:33:03	60.3	63	57.2	87.7	60.3	---	60.3	6.43E+07	60.3
2640	16-Sep-16	13:34:03	58.3	60.8	56.8	85.8	58.3	---	58.3	4.06E+07	58.3
2641	16-Sep-16	13:35:03	56.8	64.1	52.1	88.5	56.8	---	56.8	2.87E+07	56.8
2642	16-Sep-16	13:36:03	60.1	71.3	53.5	97.6	60.1	---	60.1	6.14E+07	60.1
2643	16-Sep-16	13:37:03	59.9	69	55.5	92.6	59.9	---	59.9	5.86E+07	59.9
2644	16-Sep-16	13:38:03	58.4	61.8	56.8	88.1	58.4	---	58.4	4.15E+07	58.4
2645	16-Sep-16	13:39:03	59.2	61.9	55.9	86.3	59.2	---	59.2	4.99E+07	59.2
2646	16-Sep-16	13:40:03	58.8	62.5	56.4	86.8	58.8	---	58.8	4.55E+07	58.8
2647	16-Sep-16	13:41:03	57.7	59.2	56.3	86.3	57.7	---	57.7	3.53E+07	57.7
2648	16-Sep-16	13:42:03	57.4	59.1	55.8	85.3	57.4	---	57.4	3.30E+07	57.4
2649	16-Sep-16	13:43:03	58.1	63	52.7	87.7	58.1	---	58.1	3.87E+07	58.1
2650	16-Sep-16	13:44:03	60.9	73.3	53	98.5	60.9	---	60.9	7.38E+07	60.9
2651	16-Sep-16	13:45:03	55.8	58	53.9	85.3	55.8	---	55.8	2.28E+07	55.8
2652	16-Sep-16	13:46:03	57.6	63.1	54.5	90.2	57.6	---	57.6	3.45E+07	57.6
2653	16-Sep-16	13:47:03	58.2	63.3	55.7	84.8	58.2	---	58.2	3.96E+07	58.2
2654	16-Sep-16	13:48:03	58.1	62.3	54.8	87.7	58.1	---	58.1	3.87E+07	58.1
2655	16-Sep-16	13:49:03	60.4	64.3	57.9	87.7	60.4	---	60.4	6.58E+07	60.4
2656	16-Sep-16	13:50:03	58.6	62.5	54.8	91.3	58.6	---	58.6	4.35E+07	58.6
2657	16-Sep-16	13:51:03	57.1	61.3	53.5	86.8	57.1	---	57.1	3.08E+07	57.1

2658	16-Sep-16	13:52:03	56.9	61.2	54.3	84.1	56.9	---	56.9	2.94E+07	56.9
2659	16-Sep-16	13:53:03	58.4	64.7	55.5	84.8	58.4	---	58.4	4.15E+07	58.4
2660	16-Sep-16	13:54:03	55.6	57.8	53.4	85.3	55.6	---	55.6	2.18E+07	55.6
2661	16-Sep-16	13:55:03	58.6	62.6	54.5	90.5	58.6	---	58.6	4.35E+07	58.6
2662	16-Sep-16	13:56:03	60.3	68.2	55.7	96.4	60.3	---	60.3	6.43E+07	60.3
2663	16-Sep-16	13:57:03	59.1	68.4	54.7	93.7	59.1	---	59.1	4.88E+07	59.1
2664	16-Sep-16	13:58:03	61.6	71.9	55.4	95	61.6	---	61.6	8.67E+07	61.6
2665	16-Sep-16	13:59:03	56.6	58.5	54.3	84.1	56.6	---	56.6	2.74E+07	56.6
										2.69E+09	58.7
2666	16-Sep-16	14:00:03	56.7	58.7	54.6	85.3	56.7	---	56.7	2.81E+07	56.7
2667	16-Sep-16	14:01:03	57.2	59.4	55.4	85.8	57.2	---	57.2	3.15E+07	57.2
2668	16-Sep-16	14:02:03	58.3	62.5	55	95.6	58.3	---	58.3	4.06E+07	58.3
2669	16-Sep-16	14:03:03	57.6	60.8	55.3	87.3	57.6	---	57.6	3.45E+07	57.6
2670	16-Sep-16	14:04:03	58.3	64.3	53.6	86.3	58.3	---	58.3	4.06E+07	58.3
2671	16-Sep-16	14:05:03	54.7	57.9	53	85.8	54.7	---	54.7	1.77E+07	54.7
2672	16-Sep-16	14:06:03	57.8	61.5	53	88.9	57.8	---	57.8	3.62E+07	57.8
2673	16-Sep-16	14:07:03	59.6	62.9	55.8	88.1	59.6	---	59.6	5.47E+07	59.6
2674	16-Sep-16	14:08:03	58.1	62.3	54	88.1	58.1	---	58.1	3.87E+07	58.1
2675	16-Sep-16	14:09:03	59.5	70.8	53.4	94.5	59.5	---	59.5	5.35E+07	59.5
2676	16-Sep-16	14:10:03	56.4	59.9	53.8	85.8	56.4	---	56.4	2.62E+07	56.4
2677	16-Sep-16	14:11:03	55.7	58.3	53.3	85.3	55.7	---	55.7	2.23E+07	55.7
2678	16-Sep-16	14:12:03	56.1	58.3	53.4	88.1	56.1	---	56.1	2.44E+07	56.1
2679	16-Sep-16	14:13:03	58.1	63.1	54.8	86.8	58.1	---	58.1	3.87E+07	58.1
2680	16-Sep-16	14:14:03	57.5	64.6	53.2	92.4	57.5	---	57.5	3.37E+07	57.5
2681	16-Sep-16	14:15:03	59.1	64.6	56.3	99.4	59.1	---	59.1	4.88E+07	59.1
2682	16-Sep-16	14:16:03	58.5	62.6	55.1	86.8	58.5	---	58.5	4.25E+07	58.5
2683	16-Sep-16	14:17:03	56	58.4	54.5	84.8	56	---	56	2.39E+07	56.0
2684	16-Sep-16	14:18:03	56.1	59.2	52.7	84.8	56.1	---	56.1	2.44E+07	56.1
2685	16-Sep-16	14:19:03	58.1	60.5	54.5	85.3	58.1	---	58.1	3.87E+07	58.1
2686	16-Sep-16	14:20:03	59.9	67.9	55.7	91.1	59.9	---	59.9	5.86E+07	59.9
2687	16-Sep-16	14:21:03	58.3	63.1	54.8	85.3	58.3	---	58.3	4.06E+07	58.3
2688	16-Sep-16	14:22:03	57.1	59.2	54.9	86.3	57.1	---	57.1	3.08E+07	57.1
2689	16-Sep-16	14:23:03	57	64.7	53.6	86.8	57	---	57	3.01E+07	57.0
2690	16-Sep-16	14:24:03	56.4	60.1	53.4	84.1	56.4	---	56.4	2.62E+07	56.4
2691	16-Sep-16	14:25:03	57	60.6	53.5	87.3	57	---	57	3.01E+07	57.0
2692	16-Sep-16	14:26:03	57.3	62.8	54.5	91.3	57.3	---	57.3	3.22E+07	57.3
2693	16-Sep-16	14:27:03	57.8	61.8	55.9	84.8	57.8	---	57.8	3.62E+07	57.8
2694	16-Sep-16	14:28:03	57.4	60.7	55.1	92.4	57.4	---	57.4	3.30E+07	57.4
2695	16-Sep-16	14:29:03	56.9	59.7	54.1	91.1	56.9	---	56.9	2.94E+07	56.9
2696	16-Sep-16	14:30:03	57.4	60.8	54.6	90.5	57.4	---	57.4	3.30E+07	57.4
2697	16-Sep-16	14:31:03	58	63	55.3	87.3	58	---	58	3.79E+07	58.0
2698	16-Sep-16	14:32:03	56.4	59	54.5	84.1	56.4	---	56.4	2.62E+07	56.4
2699	16-Sep-16	14:33:03	55.9	59.7	51.7	91.6	55.9	---	55.9	2.33E+07	55.9
2700	16-Sep-16	14:34:03	56.5	60.5	53.5	90.5	56.5	---	56.5	2.68E+07	56.5
2701	16-Sep-16	14:35:03	55.8	59.3	52.9	85.8	55.8	---	55.8	2.28E+07	55.8
2702	16-Sep-16	14:36:03	56.1	59.9	53.4	84.1	56.1	---	56.1	2.44E+07	56.1
2703	16-Sep-16	14:37:03	56.9	60.4	55.1	83.5	56.9	---	56.9	2.94E+07	56.9
2704	16-Sep-16	14:38:03	55.7	58.8	52.4	82.8	55.7	---	55.7	2.23E+07	55.7
2705	16-Sep-16	14:39:03	55.8	59.7	52.2	84.1	55.8	---	55.8	2.28E+07	55.8
2706	16-Sep-16	14:40:03	56.1	58.1	53.1	83.5	56.1	---	56.1	2.44E+07	56.1
2707	16-Sep-16	14:41:03	57.5	60.6	55.1	84.1	57.5	---	57.5	3.37E+07	57.5
2708	16-Sep-16	14:42:03	56.6	59	55.5	85.3	56.6	---	56.6	2.74E+07	56.6
2709	16-Sep-16	14:43:03	57.1	60.6	55.6	85.8	57.1	---	57.1	3.08E+07	57.1
2710	16-Sep-16	14:44:03	57.3	62.1	54.8	88.5	57.3	---	57.3	3.22E+07	57.3
2711	16-Sep-16	14:45:03	56.5	59.8	53.5	87.3	56.5	---	56.5	2.68E+07	56.5
2712	16-Sep-16	14:46:03	58.5	61.5	55.9	86.3	58.5	---	58.5	4.25E+07	58.5
2713	16-Sep-16	14:47:03	57.5	61.6	55.3	84.1	57.5	---	57.5	3.37E+07	57.5
2714	16-Sep-16	14:48:03	57.1	61	54.2	84.8	57.1	---	57.1	3.08E+07	57.1
2715	16-Sep-16	14:49:03	56.8	59.1	54.7	85.8	56.8	---	56.8	2.87E+07	56.8
2716	16-Sep-16	14:50:03	57.1	65	52.7	101.7	57.1	---	57.1	3.08E+07	57.1
2717	16-Sep-16	14:51:03	55.6	59.2	51.6	87.3	55.6	---	55.6	2.18E+07	55.6
2718	16-Sep-16	14:52:03	56	63.2	53.1	84.8	56	---	56	2.39E+07	56.0
2719	16-Sep-16	14:53:03	55.4	57.3	53.6	82.8	55.4	---	55.4	2.08E+07	55.4
2720	16-Sep-16	14:54:03	56.8	63.6	52.8	86.8	56.8	---	56.8	2.87E+07	56.8
2721	16-Sep-16	14:55:03	56.9	59.7	53.8	86.8	56.9	---	56.9	2.94E+07	56.9
2722	16-Sep-16	14:56:03	58.5	60.8	55.9	89.2	58.5	---	58.5	4.25E+07	58.5
2723	16-Sep-16	14:57:03	56.9	59.9	53.9	83.5	56.9	---	56.9	2.94E+07	56.9
2724	16-Sep-16	14:58:03	54.9	57.2	52.8	82.8	54.9	---	54.9	1.85E+07	54.9
2725	16-Sep-16	14:59:03	56.2	57.9	53.1	86.3	56.2	---	56.2	2.50E+07	56.2
										1.90E+09	57.2
2726	16-Sep-16	15:00:03	57.3	62.9	53.2	86.3	57.3	---	57.3	3.22E+07	57.3
2727	16-Sep-16	15:01:03	57.1	60	54.4	85.8	57.1	---	57.1	3.08E+07	57.1
2728	16-Sep-16	15:02:03	56.2	58.8	53.9	84.8	56.2	---	56.2	2.50E+07	56.2
2729	16-Sep-16	15:03:03	56.9	60.3	55.2	89.2	56.9	---	56.9	2.94E+07	56.9
2730	16-Sep-16	15:04:03	56.8	63.1	52.5	85.3	56.8	---	56.8	2.87E+07	56.8
2731	16-Sep-16	15:05:03	57.7	60.8	53.9	85.8	57.7	---	57.7	3.53E+07	57.7
2732	16-Sep-16	15:06:03	57.7	60.3	54.4	85.8	57.7	---	57.7	3.53E+07	57.7
2733	16-Sep-16	15:07:03	59.9	63.9	56.2	93.7	59.9	---	59.9	5.86E+07	59.9
2734	16-Sep-16	15:08:03	57.7	64.7	54.2	96	57.7	---	57.7	3.53E+07	57.7
2735	16-Sep-16	15:09:03	58.9	63.1	55	87.7	58.9	---	58.9	4.66E+07	58.9
2736	16-Sep-16	15:10:03	58.8	67.2	55.6	95.9	58.8	---	58.8	4.55E+07	58.8
2737	16-Sep-16	15:11:03	59.7	65.5	55.1	96.4	59.7	---	59.7	5.60E+07	59.7

2738	16-Sep-16	15:12:03	57.6	62.8	54.7	89.5	57.6	---	57.6	3.45E+07	57.6
2739	16-Sep-16	15:13:03	55.7	57.9	53.3	82.8	55.7	---	55.7	2.23E+07	55.7
2740	16-Sep-16	15:14:03	55.1	57.9	52.9	85.8	55.1	---	55.1	1.94E+07	55.1
2741	16-Sep-16	15:15:03	56.5	64.1	53.3	88.1	56.5	---	56.5	2.68E+07	56.5
2742	16-Sep-16	15:16:03	53.6	55.9	52.1	89.5	53.6	---	53.6	1.37E+07	53.6
2743	16-Sep-16	15:17:03	54.4	57.5	52.3	82.1	54.4	---	54.4	1.65E+07	54.4
2744	16-Sep-16	15:18:03	54.5	56.7	52.7	82.8	54.5	---	54.5	1.69E+07	54.5
2745	16-Sep-16	15:19:03	55.7	61.6	52.2	84.1	55.7	---	55.7	2.23E+07	55.7
2746	16-Sep-16	15:20:03	56.3	62.4	53.5	102.9	56.3	---	56.3	2.56E+07	56.3
2747	16-Sep-16	15:21:03	56.8	59.7	53.9	84.8	56.8	---	56.8	2.87E+07	56.8
2748	16-Sep-16	15:22:03	55.5	59.2	53	85.3	55.5	---	55.5	2.13E+07	55.5
2749	16-Sep-16	15:23:03	56.4	59.1	53.9	85.8	56.4	---	56.4	2.62E+07	56.4
2750	16-Sep-16	15:24:03	56.8	65.6	51.4	88.1	56.8	---	56.8	2.87E+07	56.8
2751	16-Sep-16	15:25:03	56.5	63.4	52	84.1	56.5	---	56.5	2.68E+07	56.5
2752	16-Sep-16	15:26:03	58.2	61	55.8	86.3	58.2	---	58.2	3.96E+07	58.2
2753	16-Sep-16	15:27:03	55.1	57.9	52.3	88.1	55.1	---	55.1	1.94E+07	55.1
2754	16-Sep-16	15:28:03	57.6	60.7	53.8	87.3	57.6	---	57.6	3.45E+07	57.6
2755	16-Sep-16	15:29:03	56.5	60.4	54	87.3	56.5	---	56.5	2.68E+07	56.5
2756	16-Sep-16	15:30:03	59	67.9	54.8	99	59	---	59	4.77E+07	59.0
2757	16-Sep-16	15:31:03	61.6	69.2	55.1	98.1	61.6	---	61.6	8.67E+07	61.6
2758	16-Sep-16	15:32:03	56	58.4	53.3	88.5	56	---	56	2.39E+07	56.0
2759	16-Sep-16	15:33:03	59.3	66.6	55.7	88.9	59.3	---	59.3	5.11E+07	59.3
2760	16-Sep-16	15:34:03	56.6	58.6	55.1	84.8	56.6	---	56.6	2.74E+07	56.6
2761	16-Sep-16	15:35:03	57.7	67.4	53.3	86.3	57.7	---	57.7	3.53E+07	57.7
2762	16-Sep-16	15:36:03	57.9	64.2	55.5	90.5	57.9	---	57.9	3.70E+07	57.9
2763	16-Sep-16	15:37:03	59.9	70.7	54.3	95.4	59.9	---	59.9	5.86E+07	59.9
2764	16-Sep-16	15:38:03	56.1	60.2	53.7	84.8	56.1	---	56.1	2.44E+07	56.1
2765	16-Sep-16	15:39:03	55.6	58.4	53.3	85.8	55.6	---	55.6	2.18E+07	55.6
2766	16-Sep-16	15:40:03	54.6	58	51.9	82.8	54.6	---	54.6	1.73E+07	54.6
2767	16-Sep-16	15:41:03	59.4	67.5	53.4	91.3	59.4	---	59.4	5.23E+07	59.4
2768	16-Sep-16	15:42:03	60.8	68.1	55.7	95.7	60.8	---	60.8	7.21E+07	60.8
2769	16-Sep-16	15:43:03	58	61.1	56.2	90.8	58	---	58	3.79E+07	58.0
2770	16-Sep-16	15:44:03	57.5	60	55.5	85.8	57.5	---	57.5	3.37E+07	57.5
2771	16-Sep-16	15:45:03	56.1	67.5	53.8	89.9	56.1	---	56.1	2.44E+07	56.1
2772	16-Sep-16	15:46:03	56.8	67.5	53.3	89.9	56.8	---	56.8	2.87E+07	56.8
2773	16-Sep-16	15:47:03	55.7	58.3	53.9	85.3	55.7	---	55.7	2.23E+07	55.7
2774	16-Sep-16	15:48:03	56.4	59.8	53.5	85.3	56.4	---	56.4	2.62E+07	56.4
2775	16-Sep-16	15:49:03	56.9	66.5	51.6	88.1	56.9	---	56.9	2.94E+07	56.9
2776	16-Sep-16	15:50:03	56.7	59.2	55	89.9	56.7	---	56.7	2.81E+07	56.7
2777	16-Sep-16	15:51:03	57.2	62.3	53.8	85.3	57.2	---	57.2	3.15E+07	57.2
2778	16-Sep-16	15:52:03	59.1	66.7	56.5	89.9	59.1	---	59.1	4.88E+07	59.1
2779	16-Sep-16	15:53:03	57.4	60.3	55.3	98.8	57.4	---	57.4	3.30E+07	57.4
2780	16-Sep-16	15:54:03	55.1	58.4	53.2	88.5	55.1	---	55.1	1.94E+07	55.1
2781	16-Sep-16	15:55:03	58.2	60.6	55.1	85.3	58.2	---	58.2	3.96E+07	58.2
2782	16-Sep-16	15:56:03	57.4	61.1	53.6	89.9	57.4	---	57.4	3.30E+07	57.4
2783	16-Sep-16	15:57:03	59.4	68.2	54.8	89.5	59.4	---	59.4	5.23E+07	59.4
2784	16-Sep-16	15:58:03	57.6	61.4	55.1	84.1	57.6	---	57.6	3.45E+07	57.6
2785	16-Sep-16	15:59:03	56.7	61.4	53.8	84.8	56.7	---	56.7	2.81E+07	56.7
										2.02E+09	57.5

2786	16-Sep-16	16:00:03	57.2	65.6	53.7	93.5	57.2	---	57.2	3.15E+07	57.2
2787	16-Sep-16	16:01:03	57.6	59.4	54.7	86.8	57.6	---	57.6	3.45E+07	57.6
2788	16-Sep-16	16:02:03	57.1	63.5	54.6	86.8	57.1	---	57.1	3.08E+07	57.1
2789	16-Sep-16	16:03:03	57.6	62	54.8	87.7	57.6	---	57.6	3.45E+07	57.6
2790	16-Sep-16	16:04:03	56.6	59.3	53.7	86.8	56.6	---	56.6	2.74E+07	56.6
2791	16-Sep-16	16:05:03	58.1	63.1	54.4	86.8	58.1	---	58.1	3.87E+07	58.1
2792	16-Sep-16	16:06:03	55.1	56.5	54.2	84.1	55.1	---	55.1	1.94E+07	55.1
2793	16-Sep-16	16:07:03	56.2	59.8	53.4	99.1	56.2	---	56.2	2.50E+07	56.2
2794	16-Sep-16	16:08:03	57.5	64.2	53.4	90.5	57.5	---	57.5	3.37E+07	57.5
2795	16-Sep-16	16:09:03	56.6	60.4	54	88.1	56.6	---	56.6	2.74E+07	56.6
2796	16-Sep-16	16:10:03	56.6	59	55.1	84.8	56.6	---	56.6	2.74E+07	56.6
2797	16-Sep-16	16:11:03	57.6	61.1	55.1	87.7	57.6	---	57.6	3.45E+07	57.6
2798	16-Sep-16	16:12:03	57.9	60.3	55.9	84.1	57.9	---	57.9	3.70E+07	57.9
2799	16-Sep-16	16:13:03	58.3	60.3	56.5	88.1	58.3	---	58.3	4.06E+07	58.3
2800	16-Sep-16	16:14:03	57.2	60.9	55.5	87.7	57.2	---	57.2	3.15E+07	57.2
2801	16-Sep-16	16:15:03	57.2	61.3	54.2	85.8	57.2	---	57.2	3.15E+07	57.2
2802	16-Sep-16	16:16:03	56.1	61.4	52.7	86.3	56.1	---	56.1	2.44E+07	56.1
2803	16-Sep-16	16:17:03	56.2	59.3	54.2	85.3	56.2	---	56.2	2.50E+07	56.2
2804	16-Sep-16	16:18:03	55.1	57.8	51.9	84.8	55.1	---	55.1	1.94E+07	55.1
2805	16-Sep-16	16:19:03	55	58.3	51.6	84.1	55	---	55	1.90E+07	55.0
2806	16-Sep-16	16:20:03	56.6	60.6	53.5	84.1	56.6	---	56.6	2.74E+07	56.6
2807	16-Sep-16	16:21:03	56.9	59	53.9	84.8	56.9	---	56.9	2.94E+07	56.9
2808	16-Sep-16	16:22:03	57.6	63.9	54	90.2	57.6	---	57.6	3.45E+07	57.6
2809	16-Sep-16	16:23:03	57.3	61.6	53.8	87.3	57.3	---	57.3	3.22E+07	57.3
2810	16-Sep-16	16:24:03	56.2	58.3	53.6	83.5	56.2	---	56.2	2.50E+07	56.2
2811	16-Sep-16	16:25:03	57.8	62.3	54.4	85.3	57.8	---	57.8	3.62E+07	57.8
2812	16-Sep-16	16:26:03	55.7	58.7	53.2	82.8	55.7	---	55.7	2.23E+07	55.7
2813	16-Sep-16	16:27:03	56.9	59.9	54.3	87.3	56.9	---	56.9	2.94E+07	56.9
2814	16-Sep-16	16:28:03	55.9	61.1	52	82.8	55.9	---	55.9	2.33E+07	55.9
2815	16-Sep-16	16:29:03	58.5	67.6	54.6	89.9	58.5	---	58.5	4.25E+07	58.5
2816	16-Sep-16	16:30:03	60.4	66.1	55.1	91.3	60.4	---	60.4	6.58E+07	60.4
2817	16-Sep-16	16:31:03	59.7	69.5	55.4	88.9	59.7	---	59.7	5.60E+07	59.7
2818	16-Sep-16	16:32:03	61.8	73.5	55.4	88.1	61.8	---	61.8	9.08E+07	61.8
2819	16-Sep-16	16:33:03	59.8	69.5	54.2	93.5	59.8	---	59.8	5.73E+07	59.8
2820	16-Sep-16	16:34:03	55.9	59.1	53.6	85.8	55.9	---	55.9	2.33E+07	55.9

2821	16-Sep-16	16:35:03	56.4	62.4	53.4	84.1	56.4	---	---	56.4	2.62E+07	56.4
2822	16-Sep-16	16:36:03	55.3	59.1	53.2	85.8	55.3	---	---	55.3	2.03E+07	55.3
2823	16-Sep-16	16:37:03	56	58.7	52.9	86.8	56	---	---	56	2.39E+07	56.0
2824	16-Sep-16	16:38:03	55.3	58.2	53.3	84.8	55.3	---	---	55.3	2.03E+07	55.3
2825	16-Sep-16	16:39:03	56.1	58.7	54.3	83.5	56.1	---	---	56.1	2.44E+07	56.1
2826	16-Sep-16	16:40:03	57.9	64	54.7	84.8	57.9	---	---	57.9	3.70E+07	57.9
2827	16-Sep-16	16:41:03	56.4	58.8	53.7	85.8	56.4	---	---	56.4	2.62E+07	56.4
2828	16-Sep-16	16:42:03	56.5	58.9	54.2	85.8	56.5	---	---	56.5	2.68E+07	56.5
2829	16-Sep-16	16:43:03	56.8	60.2	54.5	84.1	56.8	---	---	56.8	2.87E+07	56.8
2830	16-Sep-16	16:44:03	59.6	72.3	53.3	96.2	59.6	---	---	59.6	5.47E+07	59.6
2831	16-Sep-16	16:45:03	56.7	65.8	52.5	86.3	56.7	---	---	56.7	2.81E+07	56.7
2832	16-Sep-16	16:46:03	57.5	63.5	54.7	91.6	57.5	---	---	57.5	3.37E+07	57.5
2833	16-Sep-16	16:47:03	55.9	59.9	53.9	82.8	55.9	---	---	55.9	2.33E+07	55.9
2834	16-Sep-16	16:48:03	55.4	58.1	53.1	82.8	55.4	---	---	55.4	2.08E+07	55.4
2835	16-Sep-16	16:49:03	55.5	61	53	84.1	55.5	---	---	55.5	2.13E+07	55.5
2836	16-Sep-16	16:50:03	57.6	65.7	53.6	91.1	57.6	---	---	57.6	3.45E+07	57.6
2837	16-Sep-16	16:51:03	55.5	59	52.8	84.1	55.5	---	---	55.5	2.13E+07	55.5
2838	16-Sep-16	16:52:03	55.1	59	53.4	86.3	55.1	---	---	55.1	1.94E+07	55.1
2839	16-Sep-16	16:53:03	56.4	61.6	51.8	87.7	56.4	---	---	56.4	2.62E+07	56.4
2840	16-Sep-16	16:54:03	56.7	63.3	52.1	86.8	56.7	---	---	56.7	2.81E+07	56.7
2841	16-Sep-16	16:55:03	57.6	60.6	55.5	85.3	57.6	---	---	57.6	3.45E+07	57.6
2842	16-Sep-16	16:56:03	57.1	62.7	54.8	85.8	57.1	---	---	57.1	3.08E+07	57.1
2843	16-Sep-16	16:57:03	57.3	63.4	52.5	90.5	57.3	---	---	57.3	3.22E+07	57.3
2844	16-Sep-16	16:58:03	56.4	57.7	54.4	85.8	56.4	---	---	56.4	2.62E+07	56.4
2845	16-Sep-16	16:59:03	54.6	57.8	52.1	83.5	54.6	---	---	54.6	1.73E+07	54.6
											1.88E+09	57.2
2846	16-Sep-16	17:00:03	57.1	60.2	53.1	88.9	57.1	---	---	57.1	3.08E+07	57.1
2847	16-Sep-16	17:01:03	57	61.6	54.7	84.8	57	---	---	57	3.01E+07	57.0
2848	16-Sep-16	17:02:03	56.2	58.9	54.7	86.3	56.2	---	---	56.2	2.50E+07	56.2
2849	16-Sep-16	17:03:03	58.4	66.9	55.5	96.8	58.4	---	---	58.4	4.15E+07	58.4
2850	16-Sep-16	17:04:03	57.1	62.5	53.9	92.1	57.1	---	---	57.1	3.08E+07	57.1
2851	16-Sep-16	17:05:03	57.9	64.5	53.6	88.5	57.9	---	---	57.9	3.70E+07	57.9
2852	16-Sep-16	17:06:03	56.9	59.2	53.9	85.3	56.9	---	---	56.9	2.94E+07	56.9
2853	16-Sep-16	17:07:03	56.5	59.6	53.2	85.3	56.5	---	---	56.5	2.68E+07	56.5
2854	16-Sep-16	17:08:03	57	66.5	52.7	90.2	57	---	---	57	3.01E+07	57.0
2855	16-Sep-16	17:09:03	55.5	58.5	52.8	93.9	55.5	---	---	55.5	2.13E+07	55.5
2856	16-Sep-16	17:10:03	57.1	65.5	53.1	90.5	57.1	---	---	57.1	3.08E+07	57.1
2857	16-Sep-16	17:11:03	59.3	69.5	54.6	95	59.3	---	---	59.3	5.11E+07	59.3
2858	16-Sep-16	17:12:03	56.3	63.3	52	89.2	56.3	---	---	56.3	2.56E+07	56.3
2859	16-Sep-16	17:13:03	54.8	57.1	53.5	84.8	54.8	---	---	54.8	1.81E+07	54.8
2860	16-Sep-16	17:14:03	54.7	57.3	52.6	86.3	54.7	---	---	54.7	1.77E+07	54.7
2861	16-Sep-16	17:15:03	55.9	59.7	52	87.7	55.9	---	---	55.9	2.33E+07	55.9
2862	16-Sep-16	17:16:03	56	58.5	54.6	86.3	56	---	---	56	2.39E+07	56.0
2863	16-Sep-16	17:17:03	57.6	64	53.5	88.1	57.6	---	---	57.6	3.45E+07	57.6
2864	16-Sep-16	17:18:03	55.9	59.1	52.6	84.8	55.9	---	---	55.9	2.33E+07	55.9
2865	16-Sep-16	17:19:03	55.9	58	53.8	85.8	55.9	---	---	55.9	2.33E+07	55.9
2866	16-Sep-16	17:20:03	55.7	62.6	53.6	86.3	55.7	---	---	55.7	2.23E+07	55.7
2867	16-Sep-16	17:21:03	56.3	62.3	54.2	85.3	56.3	---	---	56.3	2.56E+07	56.3
2868	16-Sep-16	17:22:03	54.9	57.9	52.8	88.5	54.9	---	---	54.9	1.85E+07	54.9
2869	16-Sep-16	17:23:03	56.6	59.8	54.2	87.7	56.6	---	---	56.6	2.74E+07	56.6
2870	16-Sep-16	17:24:03	55.7	58.2	54.1	85.3	55.7	---	---	55.7	2.23E+07	55.7
2871	16-Sep-16	17:25:03	55.5	57.8	53	86.8	55.5	---	---	55.5	2.13E+07	55.5
2872	16-Sep-16	17:26:03	54.9	56.8	53	86.8	54.9	---	---	54.9	1.85E+07	54.9
2873	16-Sep-16	17:27:03	54.7	59.5	52.4	84.8	54.7	---	---	54.7	1.77E+07	54.7
2874	16-Sep-16	17:28:03	54.6	59.9	52.5	83.5	54.6	---	---	54.6	1.73E+07	54.6
2875	16-Sep-16	17:29:03	54.7	56.6	52.8	83.5	54.7	---	---	54.7	1.77E+07	54.7
2876	16-Sep-16	17:30:03	55.1	57.4	53.6	84.1	55.1	---	---	55.1	1.94E+07	55.1
2877	16-Sep-16	17:31:03	55.9	58.5	53.6	85.8	55.9	---	---	55.9	2.33E+07	55.9
2878	16-Sep-16	17:32:03	55.4	57.2	53.4	86.8	55.4	---	---	55.4	2.08E+07	55.4
2879	16-Sep-16	17:33:03	57.2	66.3	53.5	91.1	57.2	---	---	57.2	3.15E+07	57.2
2880	16-Sep-16	17:34:03	57.5	59.4	55.1	85.3	57.5	---	---	57.5	3.37E+07	57.5
2881	16-Sep-16	17:35:03	54.6	57.1	52.2	85.8	54.6	---	---	54.6	1.73E+07	54.6
2882	16-Sep-16	17:36:03	55	59.4	52.5	84.8	55	---	---	55	1.90E+07	55.0
2883	16-Sep-16	17:37:03	56.4	64.7	53.2	88.5	56.4	---	---	56.4	2.62E+07	56.4
2884	16-Sep-16	17:38:03	57.1	65.1	52.7	88.5	57.1	---	---	57.1	3.08E+07	57.1
2885	16-Sep-16	17:39:03	55.9	57.8	53.9	86.3	55.9	---	---	55.9	2.33E+07	55.9
2886	16-Sep-16	17:40:03	54.4	56.6	52.5	84.1	54.4	---	---	54.4	1.65E+07	54.4
2887	16-Sep-16	17:41:03	56.7	59.9	53.6	88.5	56.7	---	---	56.7	2.81E+07	56.7
2888	16-Sep-16	17:42:03	57	63.6	53.7	91.3	57	---	---	57	3.01E+07	57.0
2889	16-Sep-16	17:43:03	55.8	59.6	53.8	84.1	55.8	---	---	55.8	2.28E+07	55.8
2890	16-Sep-16	17:44:03	56.3	59.2	53.3	86.3	56.3	---	---	56.3	2.56E+07	56.3
2891	16-Sep-16	17:45:03	56.6	58.5	55.1	83.5	56.6	---	---	56.6	2.74E+07	56.6
2892	16-Sep-16	17:46:03	57	61.4	54	85.8	57	---	---	57	3.01E+07	57.0
2893	16-Sep-16	17:47:03	54.5	57.7	51.3	88.1	54.5	---	---	54.5	1.69E+07	54.5
2894	16-Sep-16	17:48:03	55.9	59.2	52.6	87.3	55.9	---	---	55.9	2.33E+07	55.9
2895	16-Sep-16	17:49:03	52.1	55.4	49.9	83.5	52.1	---	---	52.1	9.73E+06	52.1
2896	16-Sep-16	17:50:03	52.8	54.7	50.4	83.5	52.8	---	---	52.8	1.14E+07	52.8
2897	16-Sep-16	17:51:03	57.1	59.9	52.5	86.8	57.1	---	---	57.1	3.08E+07	57.1
2898	16-Sep-16	17:52:03	58.9	69.6	53	93.7	58.9	---	---	58.9	4.66E+07	58.9
2899	16-Sep-16	17:53:03	56.3	60.9	52.4	91.1	56.3	---	---	56.3	2.56E+07	56.3
2900	16-Sep-16	17:54:03	55.3	57.8	51.3	85.3	55.3	---	---	55.3	2.03E+07	55.3
2901	16-Sep-16	17:55:03	53.5	57.2	50.6	84.8	53.5	---	---	53.5	1.34E+07	53.5
2902	16-Sep-16	17:56:03	55.4	57.9	52.7	84.8	55.4	---	---	55.4	2.08E+07	55.4
2903	16-Sep-16	17:57:03	54.8	62.9	50.9	84.1	54.8	---	---	54.8	1.81E+07	54.8

2904	16-Sep-16	17:58:03	52.9	56.4	49.9	82.8	52.9	---	52.9	1.17E+07	52.9
										1.46E+09	56.1

Statistics
Level (dB) Count Percent

Under	0	0.00%
37	313	0.00%
37.5	443	0.00%
38	596	0.00%
38.5	935	0.00%
39	2020	0.00%
39.5	3437	0.00%
40	3805	0.00%
40.5	4965	0.10%
41	6065	0.10%
41.5	8510	0.10%
42	9650	0.10%
42.5	10061	0.10%
43	11012	0.10%
43.5	12130	0.10%
44	14191	0.20%
44.5	15151	0.20%
45	16952	0.20%
45.5	18613	0.20%
46	22020	0.30%
46.5	25507	0.30%
47	27042	0.30%
47.5	29576	0.30%
48	33908	0.40%
48.5	35405	0.40%
49	37614	0.40%
49.5	42433	0.50%
50	47090	0.50%
50.5	53834	0.60%
51	62448	0.70%
51.5	74385	0.90%
52	91820	1.10%
52.5	107248	1.20%
53	137133	1.60%
53.5	174121	2.00%
54	205372	2.40%
54.5	245107	2.80%
55	288293	3.30%
55.5	324386	3.70%
56	354689	4.10%
56.5	368886	4.20%
57	374990	4.30%
57.5	375545	4.30%
58	367882	4.20%
58.5	354780	4.10%
59	361243	4.10%
59.5	378236	4.30%
60	388512	4.50%
60.5	410791	4.70%
61	424207	4.90%
61.5	420666	4.80%
62	397354	4.60%
62.5	361410	4.10%
63	307385	3.50%
63.5	249086	2.90%
64	188199	2.20%
64.5	138172	1.60%
65	96170	1.10%
65.5	62100	0.70%
66	40686	0.50%
66.5	27412	0.30%
67	17268	0.20%
67.5	12315	0.10%
68	8891	0.10%
68.5	5853	0.10%
69	4083	0.00%
69.5	2785	0.00%
70	2235	0.00%
70.5	1656	0.00%
71	1581	0.00%
71.5	948	0.00%
72	883	0.00%
72.5	679	0.00%
73	514	0.00%
73.5	509	0.00%
74	527	0.00%
74.5	344	0.00%

75	187	0.00%
75.5	161	0.00%
76	178	0.00%
76.5	110	0.00%
77	67	0.00%
77.5	48	0.00%
78	61	0.00%
78.5	56	0.00%
79	32	0.00%
79.5	49	0.00%
80	46	0.00%
80.5	49	0.00%
81	22	0.00%
81.5	31	0.00%
82	25	0.00%
Over	0	0.00%
Total Count	8714185	

Ln Data

Date	Time	L10	L30	L50	L70	L90	Overload?	Mic Discor	Status	Code
14-Sep-16	17:35:03	59	57.5	56	55	53.5	No	No		
14-Sep-16	18:35:03	62	60.5	59	58	56.5	No	No		
14-Sep-16	19:35:03	62.5	61	60	59	57.5	No	No		
14-Sep-16	20:35:03	61.5	59.5	58.5	57	55	No	No		
14-Sep-16	21:35:03	62	59.5	58	57	54.5	No	No		
14-Sep-16	22:35:03	59.5	57.5	56	54	52	No	No		
14-Sep-16	23:35:03	58	56	54.5	52.5	49.5	No	No		
15-Sep-16	0:35:03	58	55	52.5	50	45.5	No	No		
15-Sep-16	1:35:03	57.5	54.5	51.5	48	43.5	No	No		
15-Sep-16	2:35:03	59.5	55.5	53	49.5	44.5	No	No		
15-Sep-16	3:35:03	60.5	57.5	55.5	53	48.5	No	No		
15-Sep-16	4:35:03	63	60.5	59	57.5	55	No	No		
15-Sep-16	5:35:03	64.5	63	62	61	59.5	No	No		
15-Sep-16	6:35:03	64.5	63	62	61.5	60	No	No		
15-Sep-16	7:35:03	65.5	63.5	63	62	61	No	No		
15-Sep-16	8:35:03	64	62.5	61.5	60.5	59	No	No		
15-Sep-16	9:35:03	64	62.5	61.5	61	59.5	No	No		
15-Sep-16	10:35:03	64.5	63	62	61	59.5	No	No		
15-Sep-16	11:35:03	65	63.5	62.5	62	60.5	No	No		
15-Sep-16	12:35:03	65	63.5	62.5	61.5	60.5	No	No		
15-Sep-16	13:35:03	65	63.5	62.5	61.5	60.5	No	No		
15-Sep-16	14:35:03	61	59	58	56.5	54.5	No	No		
15-Sep-16	15:35:03	59.5	58	57	56	54.5	No	No		
15-Sep-16	16:35:03	59	57.5	56.5	55.5	54	No	No		
15-Sep-16	17:35:03	59	57	56	55	53.5	No	No		
15-Sep-16	18:35:03	61.5	60	58.5	57	55.5	No	No		
15-Sep-16	19:35:03	62.5	61	60	59	58	No	No		
15-Sep-16	20:35:03	62	60	59	58	56.5	No	No		
15-Sep-16	21:35:03	61	59	58	56.5	55	No	No		
15-Sep-16	22:35:03	60	58	56.5	55.5	53	No	No		
15-Sep-16	23:35:03	60	57.5	56.5	54.5	51.5	No	No		
16-Sep-16	0:35:03	58.5	55.5	53.5	51.5	47.5	No	No		
16-Sep-16	1:35:03	58.5	55	52.5	50	45.5	No	No		
16-Sep-16	2:35:03	59.5	55.5	53.5	50.5	46.5	No	No		
16-Sep-16	3:35:03	61	58	56	53.5	48.5	No	No		
16-Sep-16	4:35:03	63	60.5	59	57.5	55	No	No		
16-Sep-16	5:35:03	64.5	62.5	61.5	60.5	59	No	No		
16-Sep-16	6:35:03	64.5	63	62	61	60	No	No		
16-Sep-16	7:35:03	65	63.5	62.5	61.5	60.5	No	No		
16-Sep-16	8:35:03	64	62.5	61.5	60.5	59.5	No	No		
16-Sep-16	9:35:03	64	62.5	61.5	60.5	59.5	No	No		
16-Sep-16	10:35:03	64	62	61	60	59	No	No		
16-Sep-16	11:35:03	63	62	61	60	58	No	No		
16-Sep-16	12:35:03	60.5	59	58	57	56	No	No		
16-Sep-16	13:35:03	59.5	58	57	56	54.5	No	No		
16-Sep-16	14:35:03	59	57	56	55	54	No	No		
16-Sep-16	15:35:03	59	57.5	56.5	55.5	54	No	No		
16-Sep-16	16:35:03	58	56.5	55.5	54.5	53.5	No	No		

ATTACHMENT B
Calibration and Existing TNM Input and Output Data

RESULTS: SOUND LEVELS

Senior Housing

Ldn Consulting														
J. Louden														
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Senior Housing											
RUN:			Existing/Calibration											
BARRIER DESIGN:			INPUT HEIGHTS											
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name	No.	#DUs	Existing	No Barrier				Increase over existing	Type	With Barrier				Calculated minus Goal
				LAeq1h	LAeq1h	Calculated	Crit'n			Calculated	Crit'n	Sub'l Inc	Impact	
			dBA	dBA	dBA	dBA	dBA	dBA	dBA	dB	dB	dB		
MS-2	25	1	66.3	68.6	65	2.3	12	Snd Lvl	68.6	0.0	5	-5.0		
MS-3	26	1	69.0	71.2	65	2.2	12	Snd Lvl	71.2	0.0	5	-5.0		
MS-1	27	1	73.9	76.1	65	2.2	12	Snd Lvl	76.1	0.0	5	-5.0		
Dwelling Units	# DUs		Noise Reduction											
			Min	Avg	Max									
			dB	dB	dB									
All Selected		3	0.0	0.0	0.0									
All Impacted		3	0.0	0.0	0.0									
All that meet NR Goal		0	0.0	0.0	0.0									

INPUT: ROADWAYS

Senior Housing

Ldn Consulting												
J. Louden												
INPUT: ROADWAYS												
PROJECT/CONTRACT:												
RUN:												
Senior Housing												
Existing/Calibration												
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA												
Roadway		Points										
Name	Width	Name	No.	Coordinates (pavement)	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles	Pvmt Type	Segment On Struct?
	ft				ft	ft	ft			mph	%	
I-SB-OS	36.0	point23	23	6,253,122.5	1,942,302.0	130.00						Average
		point22	22	6,253,145.5	1,942,106.6	129.00						Average
		point21	21	6,253,174.0	1,941,871.0	129.00						Average
		point20	20	6,253,204.0	1,941,617.4	129.00						Average
		point19	19	6,253,231.0	1,941,392.1	127.00						Average
		point18	18	6,253,256.0	1,941,210.4	125.00						Average
		point17	17	6,253,289.0	1,940,969.1	124.00						Average
		point16	16	6,253,308.5	1,940,821.1	123.00						Average
		point15	15	6,253,325.0	1,940,692.9	123.00						Average
		point14	14	6,253,342.0	1,940,561.4	122.00						Average
		point13	13	6,253,360.0	1,940,426.9	120.00						Average
		point12	12	6,253,374.0	1,940,316.1	120.00						Average
		point11	11	6,253,397.0	1,940,140.1	119.00						Average
		point10	10	6,253,432.0	1,939,875.6	115.00						Average
		point9	9	6,253,471.0	1,939,580.0	111.00						
I-SB-IS	36.0	point38	38	6,253,162.5	1,942,309.6	130.00						Average
		point37	37	6,253,186.0	1,942,114.2	129.00						Average
		point36	36	6,253,214.0	1,941,878.6	129.00						Average
		point35	35	6,253,244.5	1,941,625.0	129.00						Average
		point34	34	6,253,271.5	1,941,399.8	127.00						Average
		point33	33	6,253,296.5	1,941,218.0	125.00						Average
		point32	32	6,253,329.5	1,940,976.8	124.00						Average
		point31	31	6,253,348.5	1,940,828.8	123.00						Average
		point30	30	6,253,365.5	1,940,700.5	123.00						Average
		point29	29	6,253,382.5	1,940,569.0	122.00						Average

INPUT: ROADWAYS

Senior Housing

		point28	28	6,253,400.0	1,940,434.5	120.00				Average	
		point27	27	6,253,414.5	1,940,323.8	120.00				Average	
		point26	26	6,253,437.5	1,940,147.8	119.00				Average	
		point25	25	6,253,472.5	1,939,883.2	115.00				Average	
		point24	24	6,253,511.5	1,939,587.6	111.00					
I-NB-IS	36.0	point39	39	6,253,569.5	1,939,630.6	111.00				Average	
		point40	40	6,253,530.5	1,939,926.4	115.00				Average	
		point41	41	6,253,495.5	1,940,190.9	119.00				Average	
		point42	42	6,253,472.5	1,940,366.9	120.00				Average	
		point43	43	6,253,458.0	1,940,477.6	120.00				Average	
		point44	44	6,253,440.5	1,940,612.1	122.00				Average	
		point45	45	6,253,423.5	1,940,743.6	123.00				Average	
		point46	46	6,253,406.5	1,940,871.9	123.00				Average	
		point47	47	6,253,387.5	1,941,019.9	124.00				Average	
		point48	48	6,253,354.5	1,941,261.1	125.00				Average	
		point49	49	6,253,329.5	1,941,442.9	127.00				Average	
		point50	50	6,253,302.5	1,941,668.1	129.00				Average	
		point51	51	6,253,272.0	1,941,921.8	129.00				Average	
		point52	52	6,253,244.0	1,942,157.4	129.00				Average	
		point53	53	6,253,220.5	1,942,352.8	130.00					
I-NB-OS	36.0	point54	54	6,253,610.0	1,939,593.9	111.00				Average	
		point55	55	6,253,571.0	1,939,889.5	115.00				Average	
		point56	56	6,253,536.0	1,940,154.0	119.00				Average	
		point57	57	6,253,513.0	1,940,330.0	120.00				Average	
		point58	58	6,253,498.5	1,940,440.8	120.00				Average	
		point59	59	6,253,481.0	1,940,575.2	122.00				Average	
		point60	60	6,253,464.0	1,940,706.8	123.00				Average	
		point61	61	6,253,447.5	1,940,835.0	123.00				Average	
		point62	62	6,253,428.0	1,940,983.0	124.00				Average	
		point63	63	6,253,395.0	1,941,224.2	125.00				Average	
		point64	64	6,253,370.0	1,941,406.0	127.00				Average	
		point65	65	6,253,343.0	1,941,631.2	129.00				Average	
		point66	66	6,253,313.0	1,941,884.9	129.00				Average	
		point67	67	6,253,284.5	1,942,120.5	129.00				Average	
		point68	68	6,253,261.0	1,942,315.9	130.00					
Genevieve St	45.0	point69	69	6,253,890.0	1,941,215.0	140.00				Average	
		point70	70	6,253,810.5	1,941,216.2	134.00				Average	
		point71	71	6,253,752.0	1,941,217.1	129.50				Average	
		point72	72	6,253,703.5	1,941,218.0	126.00				Average	

INPUT: ROADWAYS

Senior Housing

		point73	73	6,253,615.0	1,941,219.4	119.00				Average	
		point74	74	6,253,575.0	1,941,220.0	116.00				Average	
		point75	75	6,253,555.5	1,941,220.2	114.00				Average	
		point76	76	6,253,516.0	1,941,220.9	114.00					
Marine View Ave	45.0	point77	77	6,253,801.0	1,940,160.4	179.00				Average	
		point78	78	6,253,834.0	1,940,222.0	179.00				Average	
		point79	79	6,253,852.5	1,940,273.2	179.00				Average	
		point80	80	6,253,866.0	1,940,352.0	175.00				Average	
		point81	81	6,253,869.0	1,940,446.0	170.00				Average	
		point82	82	6,253,870.0	1,940,604.8	155.00				Average	
		point83	83	6,253,882.0	1,940,913.0	140.00				Average	
		point84	84	6,253,894.0	1,941,361.0	140.00				Average	
		point85	85	6,253,895.0	1,941,552.0	148.50				Average	
		point86	86	6,253,892.0	1,941,572.1	149.00				Average	
SB-HOV	12.0	point105	105	6,253,175.5	1,942,354.5	130.00				Average	
		point104	104	6,253,199.0	1,942,159.1	129.00				Average	
		point103	103	6,253,227.0	1,941,923.5	129.00				Average	
		point102	102	6,253,257.5	1,941,669.9	129.00				Average	
		point101	101	6,253,284.0	1,941,444.6	127.00				Average	
		point100	100	6,253,309.0	1,941,262.9	125.00				Average	
		point99	99	6,253,342.0	1,941,021.6	124.00				Average	
		point98	98	6,253,361.5	1,940,873.6	123.00				Average	
		point97	97	6,253,378.0	1,940,745.4	123.00				Average	
		point96	96	6,253,395.5	1,940,613.9	122.00				Average	
		point95	95	6,253,413.0	1,940,479.4	120.00				Average	
		point94	94	6,253,427.5	1,940,368.6	120.00				Average	
		point93	93	6,253,450.0	1,940,192.6	119.00				Average	
		point92	92	6,253,485.0	1,939,928.1	115.00				Average	
		point91	91	6,253,524.0	1,939,632.4	111.00					
NB-HOV	12.0	point106	106	6,253,553.5	1,939,632.4	111.00				Average	
		point107	107	6,253,514.5	1,939,928.1	115.00				Average	
		point108	108	6,253,479.5	1,940,192.6	119.00				Average	
		point109	109	6,253,457.0	1,940,368.6	120.00				Average	
		point110	110	6,253,442.5	1,940,479.4	120.00				Average	
		point111	111	6,253,425.0	1,940,613.9	122.00				Average	
		point112	112	6,253,407.5	1,940,745.4	123.00				Average	

INPUT: ROADWAYS**Senior Housing**

		point113	113	6,253,391.0	1,940,873.6	123.00				Average	
		point114	114	6,253,371.5	1,941,021.6	124.00				Average	
		point115	115	6,253,338.5	1,941,262.9	125.00				Average	
		point116	116	6,253,313.5	1,941,444.6	127.00				Average	
		point117	117	6,253,287.0	1,941,669.9	129.00				Average	
		point118	118	6,253,256.5	1,941,923.5	129.00				Average	
		point119	119	6,253,228.5	1,942,159.1	129.00				Average	
		point120	120	6,253,205.0	1,942,354.5	130.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Senior Housing

Ldn Consulting

J. Louden

6 March 2017

TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes

PROJECT/CONTRACT:

RUN:

Senior Housing

Existing/Calibration

Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-SB-OS	point23	23	6583	65	315	65	302	55	0	0	0	0
	point22	22	6583	65	315	65	302	55	0	0	0	0
	point21	21	6583	65	315	65	302	55	0	0	0	0
	point20	20	6583	65	315	65	302	55	0	0	0	0
	point19	19	6583	65	315	65	302	55	0	0	0	0
	point18	18	6583	65	315	65	302	55	0	0	0	0
	point17	17	6583	65	315	65	302	55	0	0	0	0
	point16	16	6583	65	315	65	302	55	0	0	0	0
	point15	15	6583	65	315	65	302	55	0	0	0	0
	point14	14	6583	65	315	65	302	55	0	0	0	0
	point13	13	6583	65	315	65	302	55	0	0	0	0
	point12	12	6583	65	315	65	302	55	0	0	0	0
	point11	11	6583	65	315	65	302	55	0	0	0	0
	point10	10	6583	65	315	65	302	55	0	0	0	0
	point9	9										
I-SB-IS	point38	38	6990	65	210	65	0	0	0	0	0	0
	point37	37	6990	65	210	65	0	0	0	0	0	0
	point36	36	6990	65	210	65	0	0	0	0	0	0
	point35	35	6990	65	210	65	0	0	0	0	0	0
	point34	34	6990	65	210	65	0	0	0	0	0	0
	point33	33	6990	65	210	65	0	0	0	0	0	0
	point32	32	6990	65	210	65	0	0	0	0	0	0
	point31	31	6990	65	210	65	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

															Senior Housing
	point30	30	6990	65	210	65	0	0	0	0	0	0	0	0	
	point29	29	6990	65	210	65	0	0	0	0	0	0	0	0	
	point28	28	6990	65	210	65	0	0	0	0	0	0	0	0	
	point27	27	6990	65	210	65	0	0	0	0	0	0	0	0	
	point26	26	6990	65	210	65	0	0	0	0	0	0	0	0	
	point25	25	6990	65	210	65	0	0	0	0	0	0	0	0	
	point24	24													
I-NB-IS	point39	39	6990	65	210	65	0	0	0	0	0	0	0	0	
	point40	40	6990	65	210	65	0	0	0	0	0	0	0	0	
	point41	41	6990	65	210	65	0	0	0	0	0	0	0	0	
	point42	42	6990	65	210	65	0	0	0	0	0	0	0	0	
	point43	43	6990	65	210	65	0	0	0	0	0	0	0	0	
	point44	44	6990	65	210	65	0	0	0	0	0	0	0	0	
	point45	45	6990	65	210	65	0	0	0	0	0	0	0	0	
	point46	46	6990	65	210	65	0	0	0	0	0	0	0	0	
	point47	47	6990	65	210	65	0	0	0	0	0	0	0	0	
	point48	48	6990	65	210	65	0	0	0	0	0	0	0	0	
	point49	49	6990	65	210	65	0	0	0	0	0	0	0	0	
	point50	50	6990	65	210	65	0	0	0	0	0	0	0	0	
	point51	51	6990	65	210	65	0	0	0	0	0	0	0	0	
	point52	52	6990	65	210	65	0	0	0	0	0	0	0	0	
	point53	53													
I-NB-OS	point54	54	6583	65	315	65	302	55	0	0	0	0	0	0	
	point55	55	6583	65	315	65	302	55	0	0	0	0	0	0	
	point56	56	6583	65	315	65	302	55	0	0	0	0	0	0	
	point57	57	6583	65	315	65	302	55	0	0	0	0	0	0	
	point58	58	6583	65	315	65	302	55	0	0	0	0	0	0	
	point59	59	6583	65	315	65	302	55	0	0	0	0	0	0	
	point60	60	6583	65	315	65	302	55	0	0	0	0	0	0	
	point61	61	6583	65	315	65	302	55	0	0	0	0	0	0	
	point62	62	6583	65	315	65	302	55	0	0	0	0	0	0	
	point63	63	6583	65	315	65	302	55	0	0	0	0	0	0	
	point64	64	6583	65	315	65	302	55	0	0	0	0	0	0	
	point65	65	6583	65	315	65	302	55	0	0	0	0	0	0	
	point66	66	6583	65	315	65	302	55	0	0	0	0	0	0	
	point67	67	6583	65	315	65	302	55	0	0	0	0	0	0	

INPUT: TRAFFIC FOR LAeq1h Volumes

Senior Housing

	point68	68										
Genevieve St	point69	69	3	25	1	25	0	0	0	0	0	0
	point70	70	3	25	1	25	0	0	0	0	0	0
	point71	71	3	25	1	25	0	0	0	0	0	0
	point72	72	3	25	1	25	0	0	0	0	0	0
	point73	73	3	25	1	25	0	0	0	0	0	0
	point74	74	3	25	1	25	0	0	0	0	0	0
	point75	75	3	25	1	25	0	0	0	0	0	0
	point76	76										
Marine View Ave	point77	77	21	25	1	25	1	25	0	0	0	0
	point78	78	21	25	1	25	1	25	0	0	0	0
	point79	79	21	25	1	25	1	25	0	0	0	0
	point80	80	21	25	1	25	1	25	0	0	0	0
	point81	81	21	25	1	25	1	25	0	0	0	0
	point82	82	21	25	1	25	1	25	0	0	0	0
	point83	83	21	25	1	25	1	25	0	0	0	0
	point84	84	21	25	1	25	1	25	0	0	0	0
	point85	85	21	25	1	25	1	25	0	0	0	0
	point86	86	21	25	1	25	1	25	0	0	0	0
	point87	87	21	25	1	25	1	25	0	0	0	0
	point88	88	21	25	1	25	1	25	0	0	0	0
	point89	89										
SB-HOV	point105	105	1500	65	0	0	0	0	0	0	0	0
	point104	104	1500	65	0	0	0	0	0	0	0	0
	point103	103	1500	65	0	0	0	0	0	0	0	0
	point102	102	1500	65	0	0	0	0	0	0	0	0
	point101	101	1500	65	0	0	0	0	0	0	0	0
	point100	100	1500	65	0	0	0	0	0	0	0	0
	point99	99	1500	65	0	0	0	0	0	0	0	0
	point98	98	1500	65	0	0	0	0	0	0	0	0
	point97	97	1500	65	0	0	0	0	0	0	0	0
	point96	96	1500	65	0	0	0	0	0	0	0	0
	point95	95	1500	65	0	0	0	0	0	0	0	0
	point94	94	1500	65	0	0	0	0	0	0	0	0
	point93	93	1500	65	0	0	0	0	0	0	0	0
	point92	92	1500	65	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes**Senior Housing**

	point91	91											
NB-HOV	point106	106	1500	65	0	0	0	0	0	0	0	0	0
	point107	107	1500	65	0	0	0	0	0	0	0	0	0
	point108	108	1500	65	0	0	0	0	0	0	0	0	0
	point109	109	1500	65	0	0	0	0	0	0	0	0	0
	point110	110	1500	65	0	0	0	0	0	0	0	0	0
	point111	111	1500	65	0	0	0	0	0	0	0	0	0
	point112	112	1500	65	0	0	0	0	0	0	0	0	0
	point113	113	1500	65	0	0	0	0	0	0	0	0	0
	point114	114	1500	65	0	0	0	0	0	0	0	0	0
	point115	115	1500	65	0	0	0	0	0	0	0	0	0
	point116	116	1500	65	0	0	0	0	0	0	0	0	0
	point117	117	1500	65	0	0	0	0	0	0	0	0	0
	point118	118	1500	65	0	0	0	0	0	0	0	0	0
	point119	119	1500	65	0	0	0	0	0	0	0	0	0
	point120	120											

INPUT: TERRAIN LINES

Ldn Consulting
J. Louden

6 March 2017
TNM 2.5

Senior Housing**INPUT: TERRAIN LINES****PROJECT/CONTRACT:****Senior Housing****RUN:****Existing/Calibration**

Terrain Line	Points				
	Name	No.	Coordinates (ground)		
		X	Y	Z	
		ft	ft	ft	
Terrain Line2		3	6,253,300.5	1,942,208.6	130.00
		4	6,253,326.5	1,941,993.8	128.00
		5	6,253,359.0	1,941,717.8	126.00
		6	6,253,373.5	1,941,612.2	125.00
		7	6,253,385.0	1,941,523.8	124.00
		8	6,253,398.0	1,941,418.2	124.00
		9	6,253,406.0	1,941,327.1	124.00
		10	6,253,424.0	1,941,230.8	123.00
		11	6,253,434.5	1,941,133.1	122.00
		12	6,253,443.5	1,941,032.9	122.00
		13	6,253,455.5	1,940,945.6	122.00
		14	6,253,465.5	1,940,858.4	122.00
		15	6,253,484.0	1,940,704.8	122.00
		16	6,253,498.5	1,940,605.8	122.00
		17	6,253,511.5	1,940,480.8	120.00
		18	6,253,557.0	1,940,131.8	115.00
		19	6,253,610.0	1,939,741.1	111.00
		20	6,253,624.5	1,939,647.4	111.00
Terrain Line3		21	6,253,641.5	1,940,542.2	145.00
		22	6,253,633.5	1,940,537.9	144.00
		23	6,253,624.5	1,940,535.2	143.00
		24	6,253,611.0	1,940,535.5	142.00
		25	6,253,595.5	1,940,535.2	141.00
		26	6,253,582.5	1,940,536.2	140.00

INPUT: TERRAIN LINES**Senior Housing**

	27	6,253,575.5	1,940,537.5	139.00
	28	6,253,558.0	1,940,542.9	138.00
	29	6,253,549.0	1,940,546.8	137.00
	30	6,253,542.0	1,940,552.1	136.00
	31	6,253,532.0	1,940,568.4	135.00
	32	6,253,529.5	1,940,603.6	133.00
	33	6,253,524.5	1,940,664.0	131.00
	34	6,253,511.0	1,940,873.6	116.00
	35	6,253,509.0	1,940,941.0	114.00
	36	6,253,499.0	1,941,018.6	111.00
	37	6,253,488.5	1,941,091.6	109.00
	38	6,253,481.5	1,941,164.5	112.00
	39	6,253,477.5	1,941,231.6	112.00
Terrain Line5	46	6,253,653.5	1,940,868.4	121.00
	47	6,253,654.5	1,940,908.8	121.00
	48	6,253,656.0	1,940,980.5	121.00
	49	6,253,658.5	1,941,074.9	121.00
Terrain Line6	50	6,253,647.5	1,940,816.9	122.00
	51	6,253,649.0	1,940,846.0	122.00
	52	6,253,650.5	1,940,867.5	122.00
Terrain Line7	53	6,253,648.0	1,940,818.9	122.00
	54	6,253,648.5	1,940,813.2	122.00
	55	6,253,648.0	1,940,799.8	122.00
	56	6,253,647.0	1,940,780.9	122.00
	57	6,253,645.5	1,940,750.8	122.00
	58	6,253,643.0	1,940,705.9	122.00
	59	6,253,642.0	1,940,673.9	123.00
Terrain Line16	129	6,253,777.5	1,941,106.9	130.00
	130	6,253,785.5	1,941,109.9	130.00
	131	6,253,791.5	1,941,122.4	130.00
	132	6,253,792.5	1,941,152.1	130.00
	133	6,253,788.0	1,941,177.8	130.00
	134	6,253,781.5	1,941,177.4	130.00
	135	6,253,752.0	1,941,177.9	130.00
Terrain Line17	136	6,253,862.5	1,941,186.1	140.00
	137	6,253,840.5	1,941,198.1	138.00

INPUT: TERRAIN LINES

	138	6,253,824.0	1,941,196.1	137.00
	139	6,253,808.5	1,941,191.4	136.00
	140	6,253,802.0	1,941,147.1	136.00
	141	6,253,803.0	1,941,119.9	136.00
	142	6,253,803.5	1,941,116.4	136.00
	143	6,253,806.5	1,941,112.9	136.00
	144	6,253,813.0	1,941,110.1	136.00
	145	6,253,813.5	1,941,108.0	136.00
	146	6,253,812.5	1,941,096.9	136.00
Terrain Line22	204	6,253,526.5	1,940,540.2	122.00
	205	6,253,509.0	1,940,733.4	122.00
	206	6,253,496.0	1,940,959.5	122.00
	207	6,253,470.5	1,941,150.1	122.00
	208	6,253,460.5	1,941,279.8	122.00
	209	6,253,399.5	1,941,620.2	122.00

Senior Housing

INPUT: RECEIVERS

Senior Housing

Ldn Consulting

J. Louden

6 March 2017

TNM 2.5

INPUT: RECEIVERS

PROJECT/CONTRACT:

Senior Housing

RUN:

Existing/Calibration

Receiver

Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active
			X	Y	Z		Existing	Impact Criteria	NR		
			ft	ft	ft		dBA	dBA	dB		
MS-2	25	1	6,253,500.0	1,941,155.5	108.00	5.00	66.30	65	12.0	5.0	Y
MS-3	26	1	6,253,810.5	1,941,154.2	133.00	5.00	69.00	65	12.0	5.0	Y
MS-1	27	1	6,253,586.0	1,940,726.5	120.50	5.00	73.90	65	12.0	5.0	Y

INPUT: BARRIERS

Senior Housing

Ldn Consulting J. Louden	6 March 2017 TNM 2.5																														
INPUT: BARRIERS																															
PROJECT/CONTRACT:	Senior Housing Existing/Calibration																														
Barrier																															
Name	Type	Height		If Wall	If Berm		Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment																	
		Min	Max	\$ per	\$ per	Top	Run:Rise	\$ per		X	Y	Z	at	Seg	Ht	Perturbs	On	Important													
				Unit	Unit	Width		Unit					Point	Incre-	#Up	#Dn	Struct?	Reflec-													
				Area	Vol.			Length					ment					tions?													
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft		ft	ft	ft	ft	ft																	
<< This table is empty >>																															

RESULTS: BARRIER DESIGN**Senior Housing**

Ldn Consulting

J. Louden

6 March 2017

TNM 2.5

Calculated with TNM 2.5

RESULTS: BARRIER DESIGN

PROJECT/CONTRACT: Senior Housing
RUN: Existing/Calibration
BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH**Selected Receivers**

Name	No.	Calc Noise Reduction				Barrier Reviewed	Important Segments			Partial LAeq1h
		LAeq1h	Calc	Goal	Calc-Goal		Name	No.	Height	
		dBA	dB	dB	dB		ft	dBA		
MS-2	25	68.6	0.0	5	-5.0					
MS-3	26	71.2	0.0	5	-5.0					
MS-1	27	76.1	-0.0	5	-5.0					
Total Cost, All Barriers (including additional cost(s))						\$0				

INPUT: "STRUCTURE" BARRIERS**Senior Housing**

Ldn Consulting			6 March 2017		
J. Louden			TNM 2.5		
INPUT: "STRUCTURE" BARRIERS					
PROJECT/CONTRACT:	Senior Housing				
RUN:	Existing/Calibration				
Barrier	Segments		Shielded Roadways	Segments	
Name	Name	No.	Name	Name	No.
<< This table is empty >>					

INPUT: RECEIVER ADJUSTMENT FACTORS

Ldn Consulting
J. Louden

Senior Housing

6 March 2017
TNM 2.5

INPUT: RECEIVER ADJUSTMENT FACTORS

PROJECT/CONTRACT: Senior Housing
RUN: Existing/Calibration

Receiver

Name	No. Individual Roadway Segment Adjustment Factors			
	Roadway	Segment	Name	No.
	Name	Adj. Factor		
<< This table is empty >>				

ATTACHMENT C
Interim TNM Input and Output Data

RESULTS: SOUND LEVELS

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

68 deg F, 50% RH

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

Receiver

Name	No.	#DUs	Existing	No Barrier				Increase over existing	With Barrier				Calculated minus Goal
				LAEQ1h	LAEQ1h	Calculated	Crit'n		Type	Calculated	Noise Reduction		
									Impact	LAEQ1h	Calculated	Goal	
			dBA	dBA	dBA	dBA	dBA			dBA	dB	dB	dB
F-1	24	1	0.0	70.0	65	70.0	12	Snd Lvl	70.0	0.0	5	-5.0	
F-2	25	1	0.0	74.3	65	74.3	12	Snd Lvl	74.3	0.0	5	-5.0	
F-3	26	1	0.0	78.1	65	78.1	12	Snd Lvl	78.1	0.0	5	-5.0	
F-4	27	1	0.0	78.5	65	78.5	12	Snd Lvl	78.5	0.0	5	-5.0	
F-5	28	1	0.0	78.9	65	78.9	12	Snd Lvl	78.9	0.0	5	-5.0	
F-6	29	1	0.0	81.2	65	81.2	12	Snd Lvl	81.2	0.0	5	-5.0	
F-7	30	1	0.0	77.3	65	77.3	12	Snd Lvl	77.3	0.0	5	-5.0	
F-8	31	1	0.0	69.6	65	69.6	12	Snd Lvl	69.6	0.0	5	-5.0	
F-9	33	1	0.0	70.2	65	70.2	12	Snd Lvl	65.1	5.1	5	0.1	
F-10	34	1	0.0	66.8	65	66.8	12	Snd Lvl	66.2	0.6	5	-4.4	
E-1	36	1	0.0	63.2	65	63.2	12	----	63.2	0.0	5	-5.0	
E-2	37	1	0.0	63.3	65	63.3	12	----	63.3	0.0	5	-5.0	
E-3	38	1	0.0	55.0	65	55.0	12	----	55.0	0.0	5	-5.0	
E-4	39	1	0.0	58.1	65	58.1	12	----	58.0	0.1	5	-4.9	
E-5	40	1	0.0	63.3	65	63.3	12	----	63.3	0.0	5	-5.0	
E-6	41	1	0.0	63.2	65	63.2	12	----	63.2	0.0	5	-5.0	
E-7	42	1	0.0	63.0	65	63.0	12	----	63.0	0.0	5	-5.0	
E-8	43	1	0.0	58.7	65	58.7	12	----	58.7	0.0	5	-5.0	
E-9	44	1	0.0	64.0	65	64.0	12	----	63.9	0.1	5	-4.9	
E-10	45	1	0.0	63.9	65	63.9	12	----	63.8	0.1	5	-4.9	
E-11	47	1	0.0	73.8	65	73.8	12	Snd Lvl	65.3	8.5	5	3.5	
E-12	48	1	0.0	72.1	65	72.1	12	Snd Lvl	65.4	6.7	5	1.7	
F-1B	51	1	0.0	75.8	65	75.8	12	Snd Lvl	75.8	0.0	5	-5.0	
F-2B	52	1	0.0	79.5	65	79.5	12	Snd Lvl	79.5	0.0	5	-5.0	

RESULTS: SOUND LEVELS
RESIDENTIAL CARE FACILITY

F-3B	53	1	0.0	81.6	65	81.6	12	Snd Lvl	81.6	0.0	5	-5.0
F-4B	54	1	0.0	81.8	65	81.8	12	Snd Lvl	81.8	0.0	5	-5.0
F-5B	55	1	0.0	81.8	65	81.8	12	Snd Lvl	81.8	0.0	5	-5.0
F-6B	56	1	0.0	82.7	65	82.7	12	Snd Lvl	82.7	0.0	5	-5.0
F-7B	57	1	0.0	84.0	65	84.0	12	Snd Lvl	84.0	0.0	5	-5.0
F-8B	58	1	0.0	83.3	65	83.3	12	Snd Lvl	83.3	0.0	5	-5.0
F-9B	59	1	0.0	72.0	65	72.0	12	Snd Lvl	66.4	5.6	5	0.6
F-10B	60	1	0.0	67.6	65	67.6	12	Snd Lvl	67.0	0.6	5	-4.4
Dwelling Units	# DUs	Noise Reduction										
		Min	Avg	Max								
		dB	dB	dB								
All Selected	32	0.0	0.9	8.5								
All Impacted	22	0.0	1.2	8.5								
All that meet NR Goal	4	5.1	6.5	8.5								

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

LDN											
J. Louden											
INPUT: ROADWAYS											
PROJECT/CONTRACT:											
RUN:											
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)				Flow Control		Segment	
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	% Affected		
I-SB-OS	36.0	point23	23	6,253,122.5	1,942,302.0	130.00				Average	
		point22	22	6,253,145.5	1,942,106.6	129.00				Average	
		point21	21	6,253,174.0	1,941,871.0	129.00				Average	
		point20	20	6,253,204.0	1,941,617.4	129.00				Average	
		point19	19	6,253,231.0	1,941,392.1	127.00				Average	
		point18	18	6,253,256.0	1,941,210.4	125.00				Average	
		point17	17	6,253,289.0	1,940,969.1	124.00				Average	
		point16	16	6,253,308.5	1,940,821.1	123.00				Average	
		point15	15	6,253,325.0	1,940,692.9	123.00				Average	
		point14	14	6,253,342.0	1,940,561.4	122.00				Average	
		point13	13	6,253,360.0	1,940,426.9	120.00				Average	
		point12	12	6,253,374.0	1,940,316.1	120.00				Average	
		point11	11	6,253,397.0	1,940,140.1	119.00				Average	
		point10	10	6,253,432.0	1,939,875.6	115.00				Average	
		point9	9	6,253,471.0	1,939,580.0	111.00					
I-SB-IS	36.0	point38	38	6,253,162.5	1,942,309.6	130.00				Average	
		point37	37	6,253,186.0	1,942,114.2	129.00				Average	
		point36	36	6,253,214.0	1,941,878.6	129.00				Average	
		point35	35	6,253,244.5	1,941,625.0	129.00				Average	
		point34	34	6,253,271.5	1,941,399.8	127.00				Average	
		point33	33	6,253,296.5	1,941,218.0	125.00				Average	
		point32	32	6,253,329.5	1,940,976.8	124.00				Average	
		point31	31	6,253,348.5	1,940,828.8	123.00				Average	
		point30	30	6,253,365.5	1,940,700.5	123.00				Average	
		point29	29	6,253,382.5	1,940,569.0	122.00				Average	

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

		point28	28	6,253,400.0	1,940,434.5	120.00				Average	
		point27	27	6,253,414.5	1,940,323.8	120.00				Average	
		point26	26	6,253,437.5	1,940,147.8	119.00				Average	
		point25	25	6,253,472.5	1,939,883.2	115.00				Average	
		point24	24	6,253,511.5	1,939,587.6	111.00					
I-NB-IS	36.0	point39	39	6,253,569.5	1,939,630.6	111.00				Average	
		point40	40	6,253,530.5	1,939,926.4	115.00				Average	
		point41	41	6,253,495.5	1,940,190.9	119.00				Average	
		point42	42	6,253,472.5	1,940,366.9	120.00				Average	
		point43	43	6,253,458.0	1,940,477.6	120.00				Average	
		point44	44	6,253,440.5	1,940,612.1	122.00				Average	
		point45	45	6,253,423.5	1,940,743.6	123.00				Average	
		point46	46	6,253,406.5	1,940,871.9	123.00				Average	
		point47	47	6,253,387.5	1,941,019.9	124.00				Average	
		point48	48	6,253,354.5	1,941,261.1	125.00				Average	
		point49	49	6,253,329.5	1,941,442.9	127.00				Average	
		point50	50	6,253,302.5	1,941,668.1	129.00				Average	
		point51	51	6,253,272.0	1,941,921.8	129.00				Average	
		point52	52	6,253,244.0	1,942,157.4	129.00				Average	
		point53	53	6,253,220.5	1,942,352.8	130.00					
I-NB-OS	36.0	point54	54	6,253,610.0	1,939,593.9	111.00				Average	
		point55	55	6,253,571.0	1,939,889.5	115.00				Average	
		point56	56	6,253,536.0	1,940,154.0	119.00				Average	
		point57	57	6,253,513.0	1,940,330.0	120.00				Average	
		point58	58	6,253,498.5	1,940,440.8	120.00				Average	
		point59	59	6,253,481.0	1,940,575.2	122.00				Average	
		point60	60	6,253,464.0	1,940,706.8	123.00				Average	
		point61	61	6,253,447.5	1,940,835.0	123.00				Average	
		point62	62	6,253,428.0	1,940,983.0	124.00				Average	
		point63	63	6,253,395.0	1,941,224.2	125.00				Average	
		point64	64	6,253,370.0	1,941,406.0	127.00				Average	
		point65	65	6,253,343.0	1,941,631.2	129.00				Average	
		point66	66	6,253,313.0	1,941,884.9	129.00				Average	
		point67	67	6,253,284.5	1,942,120.5	129.00				Average	
		point68	68	6,253,261.0	1,942,315.9	130.00					
Genevieve St	12.0	point69	69	6,253,890.0	1,941,215.0	140.00				Average	
		point70	70	6,253,810.5	1,941,216.2	134.00				Average	
		point71	71	6,253,752.0	1,941,217.1	129.50				Average	
		point72	72	6,253,703.5	1,941,218.0	126.00				Average	

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

		point73	73	6,253,615.0	1,941,219.4	119.00				Average	
		point74	74	6,253,575.0	1,941,220.0	116.00				Average	
		point75	75	6,253,555.5	1,941,220.2	114.00				Average	
		point76	76	6,253,516.0	1,941,220.9	114.00					
Marine View Ave	12.0	point77	77	6,253,801.0	1,940,160.4	179.00				Average	
		point78	78	6,253,834.0	1,940,222.0	179.00				Average	
		point79	79	6,253,852.5	1,940,273.2	179.00				Average	
		point80	80	6,253,866.0	1,940,352.0	175.00				Average	
		point81	81	6,253,869.0	1,940,446.0	170.00				Average	
		point82	82	6,253,870.0	1,940,604.8	155.00				Average	
		point83	83	6,253,882.0	1,940,913.0	140.00				Average	
		point84	84	6,253,894.0	1,941,361.0	140.00				Average	
		point85	85	6,253,895.0	1,941,552.0	148.50				Average	
		point86	86	6,253,892.0	1,941,572.1	149.00				Average	
		point87	87	6,253,879.0	1,941,595.9	149.00				Average	
		point88	88	6,253,857.0	1,941,612.5	150.00				Average	
		point89	89	6,253,838.0	1,941,618.0	150.00					
I-5 HOV NB	24.0	point90	90	6,253,553.5	1,939,632.4	111.00				Average	
		point91	91	6,253,514.5	1,939,928.1	115.00				Average	
		point92	92	6,253,479.5	1,940,192.6	119.00				Average	
		point93	93	6,253,457.0	1,940,368.6	120.00				Average	
		point94	94	6,253,442.5	1,940,479.4	120.00				Average	
		point95	95	6,253,425.0	1,940,613.9	122.00				Average	
		point96	96	6,253,407.5	1,940,745.4	123.00				Average	
		point97	97	6,253,391.0	1,940,873.6	123.00				Average	
		point98	98	6,253,371.5	1,941,021.6	124.00				Average	
		point99	99	6,253,338.5	1,941,262.9	125.00				Average	
		point100	100	6,253,313.5	1,941,444.6	127.00				Average	
		point101	101	6,253,287.0	1,941,669.9	129.00				Average	
		point102	102	6,253,256.5	1,941,923.5	129.00				Average	
		point103	103	6,253,228.5	1,942,159.1	129.00				Average	
		point104	104	6,253,205.0	1,942,354.5	130.00					
I-5 HOV SB	24.0	point119	119	6,253,175.5	1,942,354.5	130.00				Average	
		point118	118	6,253,199.0	1,942,159.1	129.00				Average	
		point117	117	6,253,227.0	1,941,923.5	129.00				Average	
		point116	116	6,253,257.5	1,941,669.9	129.00				Average	
		point115	115	6,253,284.0	1,941,444.6	127.00				Average	
		point114	114	6,253,309.0	1,941,262.9	125.00				Average	
		point113	113	6,253,342.0	1,941,021.6	124.00				Average	

INPUT: ROADWAYS**RESIDENTIAL CARE FACILITY**

		point112	112	6,253,361.5	1,940,873.6	123.00				Average	
		point111	111	6,253,378.0	1,940,745.4	123.00				Average	
		point110	110	6,253,395.5	1,940,613.9	122.00				Average	
		point109	109	6,253,413.0	1,940,479.4	120.00				Average	
		point108	108	6,253,427.5	1,940,368.6	120.00				Average	
		point107	107	6,253,450.0	1,940,192.6	119.00				Average	
		point106	106	6,253,485.0	1,939,928.1	115.00				Average	
		point105	105	6,253,524.0	1,939,632.4	111.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-SB-OS	point23	23	8294	65	394	65	378	55	0	0	0	0
	point22	22	8294	65	394	65	378	55	0	0	0	0
	point21	21	8294	65	394	65	378	55	0	0	0	0
	point20	20	8294	65	394	65	378	55	0	0	0	0
	point19	19	8294	65	394	65	378	55	0	0	0	0
	point18	18	8294	65	394	65	378	55	0	0	0	0
	point17	17	8294	65	394	65	378	55	0	0	0	0
	point16	16	8294	65	394	65	378	55	0	0	0	0
	point15	15	8294	65	394	65	378	55	0	0	0	0
	point14	14	8294	65	394	65	378	55	0	0	0	0
	point13	13	8294	65	394	65	378	55	0	0	0	0
	point12	12	8294	65	394	65	378	55	0	0	0	0
	point11	11	8294	65	394	65	378	55	0	0	0	0
	point10	10	8294	65	394	65	378	55	0	0	0	0
	point9	9										
I-SB-IS	point38	38	8737	65	263	65	0	0	0	0	0	0
	point37	37	8737	65	263	65	0	0	0	0	0	0
	point36	36	8737	65	263	65	0	0	0	0	0	0
	point35	35	8737	65	263	65	0	0	0	0	0	0
	point34	34	8737	65	263	65	0	0	0	0	0	0
	point33	33	8737	65	263	65	0	0	0	0	0	0
	point32	32	8737	65	263	65	0	0	0	0	0	0
	point31	31	8737	65	263	65	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

	point30	30	8737	65	263	65	0	0	0	0	0	0
	point29	29	8737	65	263	65	0	0	0	0	0	0
	point28	28	8737	65	263	65	0	0	0	0	0	0
	point27	27	8737	65	263	65	0	0	0	0	0	0
	point26	26	8737	65	263	65	0	0	0	0	0	0
	point25	25	8737	65	263	65	0	0	0	0	0	0
	point24	24										
I-NB-IS	point39	39	8737	65	263	65	0	0	0	0	0	0
	point40	40	8737	65	263	65	0	0	0	0	0	0
	point41	41	8737	65	263	65	0	0	0	0	0	0
	point42	42	8737	65	263	65	0	0	0	0	0	0
	point43	43	8737	65	263	65	0	0	0	0	0	0
	point44	44	8737	65	263	65	0	0	0	0	0	0
	point45	45	8737	65	263	65	0	0	0	0	0	0
	point46	46	8737	65	263	65	0	0	0	0	0	0
	point47	47	8737	65	263	65	0	0	0	0	0	0
	point48	48	8737	65	263	65	0	0	0	0	0	0
	point49	49	8737	65	263	65	0	0	0	0	0	0
	point50	50	8737	65	263	65	0	0	0	0	0	0
	point51	51	8737	65	263	65	0	0	0	0	0	0
	point52	52	8737	65	263	65	0	0	0	0	0	0
	point53	53										
I-NB-OS	point54	54	8294	65	394	65	378	55	0	0	0	0
	point55	55	8294	65	394	65	378	55	0	0	0	0
	point56	56	8294	65	394	65	378	55	0	0	0	0
	point57	57	8294	65	394	65	378	55	0	0	0	0
	point58	58	8294	65	394	65	378	55	0	0	0	0
	point59	59	8294	65	394	65	378	55	0	0	0	0
	point60	60	8294	65	394	65	378	55	0	0	0	0
	point61	61	8294	65	394	65	378	55	0	0	0	0
	point62	62	8294	65	394	65	378	55	0	0	0	0
	point63	63	8294	65	394	65	378	55	0	0	0	0
	point64	64	8294	65	394	65	378	55	0	0	0	0
	point65	65	8294	65	394	65	378	55	0	0	0	0
	point66	66	8294	65	394	65	378	55	0	0	0	0
	point67	67	8294	65	394	65	378	55	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

	point68	68										
Genevieve St	point69	69	28	25	1	25	1	25	0	0	0	0
	point70	70	28	25	1	25	1	25	0	0	0	0
	point71	71	28	25	1	25	1	25	0	0	0	0
	point72	72	28	25	1	25	1	25	0	0	0	0
	point73	73	28	25	1	25	1	25	0	0	0	0
	point74	74	28	25	1	25	1	25	0	0	0	0
	point75	75	28	25	1	25	1	25	0	0	0	0
	point76	76										
Marine View Ave	point77	77	48	25	2	25	2	25	0	0	0	0
	point78	78	48	25	2	25	2	25	0	0	0	0
	point79	79	48	25	2	25	2	25	0	0	0	0
	point80	80	48	25	2	25	2	25	0	0	0	0
	point81	81	48	25	2	25	2	25	0	0	0	0
	point82	82	48	25	2	25	2	25	0	0	0	0
	point83	83	48	25	2	25	2	25	0	0	0	0
	point84	84	48	25	2	25	2	25	0	0	0	0
	point85	85	48	25	2	25	2	25	0	0	0	0
	point86	86	48	25	2	25	2	25	0	0	0	0
	point87	87	48	25	2	25	2	25	0	0	0	0
	point88	88	48	25	2	25	2	25	0	0	0	0
	point89	89										
I-5 HOV NB	point90	90	3000	65	0	0	0	0	0	0	0	0
	point91	91	3000	65	0	0	0	0	0	0	0	0
	point92	92	3000	65	0	0	0	0	0	0	0	0
	point93	93	3000	65	0	0	0	0	0	0	0	0
	point94	94	3000	65	0	0	0	0	0	0	0	0
	point95	95	3000	65	0	0	0	0	0	0	0	0
	point96	96	3000	65	0	0	0	0	0	0	0	0
	point97	97	3000	65	0	0	0	0	0	0	0	0
	point98	98	3000	65	0	0	0	0	0	0	0	0
	point99	99	3000	65	0	0	0	0	0	0	0	0
	point100	100	3000	65	0	0	0	0	0	0	0	0
	point101	101	3000	65	0	0	0	0	0	0	0	0
	point102	102	3000	65	0	0	0	0	0	0	0	0
	point103	103	3000	65	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes**RESIDENTIAL CARE FACILITY**

	point104	104											
I-5 HOV SB	point119	119	3000	65	0	0	0	0	0	0	0	0	0
	point118	118	3000	65	0	0	0	0	0	0	0	0	0
	point117	117	3000	65	0	0	0	0	0	0	0	0	0
	point116	116	3000	65	0	0	0	0	0	0	0	0	0
	point115	115	3000	65	0	0	0	0	0	0	0	0	0
	point114	114	3000	65	0	0	0	0	0	0	0	0	0
	point113	113	3000	65	0	0	0	0	0	0	0	0	0
	point112	112	3000	65	0	0	0	0	0	0	0	0	0
	point111	111	3000	65	0	0	0	0	0	0	0	0	0
	point110	110	3000	65	0	0	0	0	0	0	0	0	0
	point109	109	3000	65	0	0	0	0	0	0	0	0	0
	point108	108	3000	65	0	0	0	0	0	0	0	0	0
	point107	107	3000	65	0	0	0	0	0	0	0	0	0
	point106	106	3000	65	0	0	0	0	0	0	0	0	0
	point105	105											

INPUT: RECEIVERS

RESIDENTIAL CARE FACILITY

LDN
J. Louden

6 March 2017
TNM 2.5

INPUT: RECEIVERS

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

Receiver

Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria			Active		
			X	Y	Z		Existing LAeq1h	Impact Criteria		NR Goal	in Calc.	
								ft	ft	dBA	dB	
F-1	24	1	6,253,651.0	1,941,184.4	116.90	5.00	0.00	65	12.0	5.0		
F-2	25	1	6,253,566.0	1,941,175.5	116.90	5.00	0.00	65	12.0	5.0		
F-3	26	1	6,253,554.0	1,941,113.5	116.90	5.00	0.00	65	12.0	5.0		
F-4	27	1	6,253,563.0	1,941,043.5	116.90	5.00	0.00	65	12.0	5.0		
F-5	28	1	6,253,568.5	1,940,958.5	116.90	5.00	0.00	65	12.0	5.0		
F-6	29	1	6,253,542.0	1,940,834.1	118.00	5.00	0.00	65	12.0	5.0		
F-7	30	1	6,253,538.5	1,940,755.6	118.00	5.00	0.00	65	12.0	5.0		
F-8	31	1	6,253,552.0	1,940,659.9	118.00	5.00	0.00	65	12.0	5.0		
F-9	33	1	6,253,589.5	1,940,609.8	129.50	5.00	0.00	65	12.0	5.0		
F-10	34	1	6,253,633.5	1,940,658.6	129.50	5.00	0.00	65	12.0	5.0		
E-1	36	1	6,253,648.0	1,941,105.5	117.00	5.00	0.00	65	12.0	5.0		
E-2	37	1	6,253,630.0	1,941,095.6	117.00	5.00	0.00	65	12.0	5.0		
E-3	38	1	6,253,824.0	1,941,161.6	117.00	5.00	0.00	65	12.0	5.0		
E-4	39	1	6,253,850.0	1,941,122.8	117.00	5.00	0.00	65	12.0	5.0		
E-5	40	1	6,253,648.0	1,941,065.8	117.00	5.00	0.00	65	12.0	5.0		
E-6	41	1	6,253,649.5	1,941,042.8	117.00	5.00	0.00	65	12.0	5.0		
E-7	42	1	6,253,650.0	1,940,998.5	117.00	5.00	0.00	65	12.0	5.0		
E-8	43	1	6,253,640.5	1,940,880.2	117.50	5.00	0.00	65	12.0	5.0		
E-9	44	1	6,253,629.5	1,940,744.6	117.50	5.00	0.00	65	12.0	5.0		
E-10	45	1	6,253,632.0	1,940,713.0	117.50	5.00	0.00	65	12.0	5.0		
E-11	47	1	6,253,575.5	1,940,595.4	129.00	5.00	0.00	65	12.0	5.0	Y	
E-12	48	1	6,253,593.0	1,940,570.8	129.00	5.00	0.00	65	12.0	5.0	Y	

INPUT: RECEIVERS**RESIDENTIAL CARE FACILITY**

F-1B	51	1	6,253,651.5	1,941,183.6	130.90	5.00	0.00	65	12.0	5.0	
F-2B	52	1	6,253,566.0	1,941,176.6	130.90	5.00	0.00	65	12.0	5.0	
F-3B	53	1	6,253,554.0	1,941,112.6	130.90	5.00	0.00	65	12.0	5.0	
F-4B	54	1	6,253,563.5	1,941,044.2	130.90	5.00	0.00	65	12.0	5.0	
F-5B	55	1	6,253,569.5	1,940,959.9	130.90	5.00	0.00	65	12.0	5.0	
F-6B	56	1	6,253,542.5	1,940,835.8	132.00	5.00	0.00	65	12.0	5.0	
F-7B	57	1	6,253,539.0	1,940,754.9	132.00	5.00	0.00	65	12.0	5.0	
F-8B	58	1	6,253,553.0	1,940,660.0	132.00	5.00	0.00	65	12.0	5.0	
F-9B	59	1	6,253,589.5	1,940,608.8	132.00	5.00	0.00	65	12.0	5.0	
F-10B	60	1	6,253,634.0	1,940,658.9	132.00	5.00	0.00	65	12.0	5.0	

INPUT: BARRIERS

RESIDENTIAL CARE FACILITY

LDN J. Louden		6 March 2017 TNM 2.5														
INPUT: BARRIERS		RESIDENTIAL CARE FACILITY														
PROJECT/CONTRACT: RUN:		Future Compatibility														
Barrier		Points														
Name	Type	Height		If Wall	If Berm		Add'tnl	Name	No.	Coordinates (bottom)		Height	Segment			
		Min	Max	\$ per	\$ per	Top	Run:Rise			X	Y	Z	at	Seg Ht	Perturbs	
				Unit	Unit	Width							Point	Incre-	#Up	
				Area	Vol.									#Dn	Struct?	
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft		ft	ft	ft	ft	Reflec-	Important	
North Building	W	0.00	99.99	0.00				0.00	point75	75	6,253,659.0	1,941,155.8	116.90	24.00	0.00	0 0
									point76	76	6,253,649.0	1,941,156.0	116.90	24.00	0.00	0 0
									point77	77	6,253,649.5	1,941,177.4	116.90	24.00	0.00	0 0
									point78	78	6,253,601.0	1,941,180.6	116.90	24.00	0.00	0 0
									point79	79	6,253,602.0	1,941,172.8	116.90	24.00	0.00	0 0
									point80	80	6,253,544.0	1,941,164.1	116.90	24.00	0.00	0 0
									point81	81	6,253,549.0	1,941,121.1	116.90	24.00	0.00	0 0
									point82	82	6,253,557.5	1,941,121.5	116.90	24.00	0.00	0 0
									point83	83	6,253,579.0	1,940,946.1	116.90	24.00	0.00	0 0
									point84	84	6,253,582.0	1,940,946.6	116.90	24.00	0.00	0 0
									point85	85	6,253,582.5	1,940,942.9	116.90	24.00	0.00	0 0
									point86	86	6,253,591.5	1,940,935.0	116.90	24.00	0.00	0 0
									point87	87	6,253,597.5	1,940,925.4	116.90	24.00	0.00	0 0
									point88	88	6,253,601.5	1,940,913.1	116.90	24.00	0.00	0 0
									point89	89	6,253,606.0	1,940,913.8	116.90	24.00	0.00	0 0
									point90	90	6,253,606.5	1,940,908.5	116.90	24.00	0.00	0 0
									point91	91	6,253,643.5	1,940,908.9	116.90	24.00	0.00	0 0
									point92	92	6,253,641.0	1,940,929.5	116.90	24.00		
South Building	W	0.00	99.99	0.00				0.00	point93	93	6,253,633.0	1,940,850.2	118.00	24.00	0.00	0 0
									point94	94	6,253,624.0	1,940,849.2	118.00	24.00	0.00	0 0
									point95	95	6,253,622.5	1,940,863.1	118.00	24.00	0.00	0 0
									point96	96	6,253,595.5	1,940,862.2	118.00	24.00	0.00	0 0
									point97	97	6,253,565.0	1,940,858.5	118.00	24.00	0.00	0 0
									point98	98	6,253,565.0	1,940,861.2	118.00	24.00	0.00	0 0
									point99	99	6,253,543.5	1,940,858.6	118.00	24.00	0.00	0 0
									point100	100	6,253,547.0	1,940,829.1	118.00	24.00	0.00	0 0
									point101	101	6,253,537.0	1,940,827.9	118.00	24.00	0.00	0 0
									point102	102	6,253,559.5	1,940,657.2	118.00	24.00	0.00	0 0
									point103	103	6,253,565.5	1,940,608.8	130.00	24.00	0.00	0 0
									point104	104	6,253,592.0	1,940,612.0	130.00	24.00	0.00	0 0
									point105	105	6,253,591.5	1,940,617.9	130.00	24.00	0.00	0 0
									point106	106	6,253,597.5	1,940,618.8	130.00	24.00	0.00	0 0
									point107	107	6,253,596.0	1,940,631.2	130.00	24.00	0.00	0 0
									point108	108	6,253,622.0	1,940,634.4	130.00	24.00		
Connecting hallway	W	0.00	99.99	0.00				0.00	point109	109	6,253,613.0	1,940,908.0	118.00	24.00	0.00	0 0

INPUT: BARRIERS

RESIDENTIAL CARE FACILITY

							point110	110	6,253,612.0	1,940,898.4	118.00	24.00	0.00	0	0		
							point111	111	6,253,609.5	1,940,890.8	118.00	24.00	0.00	0	0		
							point112	112	6,253,606.0	1,940,885.4	118.00	24.00	0.00	0	0		
							point113	113	6,253,601.0	1,940,876.6	118.00	24.00	0.00	0	0		
							point114	114	6,253,596.5	1,940,869.1	118.00	24.00	0.00	0	0		
							point115	115	6,253,594.5	1,940,862.4	118.00	24.00					
Soundwall2	W	0.00	99.99	0.00			0.00	point116	116	6,253,556.0	1,940,623.1	130.00	12.00	1.00	4	4	
								point117	117	6,253,559.5	1,940,599.5	130.00	12.00	1.00	4	4	
								point118	118	6,253,564.5	1,940,599.9	130.00	12.00	1.00	4	4	
								point119	119	6,253,566.0	1,940,597.1	130.00	12.00	1.00	4	4	
								point120	120	6,253,571.0	1,940,566.6	130.00	12.00	1.00	4	4	
								point121	121	6,253,575.0	1,940,560.9	130.00	12.00	1.00	4	4	
								point122	122	6,253,583.5	1,940,559.4	130.00	12.00	1.00	4	4	
								point123	123	6,253,596.0	1,940,560.2	130.00	12.00	1.00	4	4	
								point124	124	6,253,608.5	1,940,563.1	130.00	12.00	1.00	4	4	
								point125	125	6,253,620.0	1,940,572.1	130.00	12.00	1.00	4	4	
								point127	127	6,253,626.0	1,940,580.6	130.00	12.00				

INPUT: RECEIVER ADJUSTMENT FACTORS**RESIDENTIAL CARE FACILITY**

LDN		6 March 2017	
J. Louden		TNM 2.5	
INPUT: RECEIVER ADJUSTMENT FACTORS	RESIDENTIAL CARE FACILITY		
PROJECT/CONTRACT:	RESIDENTIAL CARE FACILITY		
RUN:	Future Compatibility		
Receiver			
Name	No.	Individual Roadway Segment Adjustment Factors	
		Roadway	Segment
		Name	Name
			No.
			Adj. Factor
			dB
<< This table is empty >>			

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

Calculated with TNM 2.5

RESULTS: BARRIER DESIGN

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

68 deg F, 50% RH

Selected Receivers

Name	No.	Calc Noise Reduction				Barrier Reviewed	Important Segments			Partial LAeq1h
		LAEQ1h	Calc	Goal	Calc-Goal		Name	No.	Height	
		dBA	dB	dB	dB		ft	dBA		
F-1	24	70.0	-0.0	5	-5.0	Soundwall2	point116	116	12.0	23.3
						Soundwall2	point124	124	12.0	22.5
						Soundwall2	point123	123	12.0	22.4
						Soundwall2	point119	119	12.0	22.3
						Soundwall2	point122	122	12.0	21.9
						Soundwall2	point121	121	12.0	21.4
						Soundwall2	point125	125	12.0	21.1
						Soundwall2	point117	117	12.0	20.0
						Soundwall2	point120	120	12.0	19.2
						Soundwall2	point118	118	12.0	15.3
F-2	25	74.3	-0.0	5	-5.0	Soundwall2	point117	117	12.0	19.0
						Soundwall2	point116	116	12.0	19.0
						Soundwall2	point121	121	12.0	17.2
						Soundwall2	point119	119	12.0	15.9
						Soundwall2	point120	120	12.0	14.3
						Soundwall2	point118	118	12.0	12.1
F-3	26	78.1	-0.0	5	-5.0	Soundwall2	point117	117	12.0	29.7
						Soundwall2	point119	119	12.0	28.1
						Soundwall2	point120	120	12.0	26.8
						Soundwall2	point116	116	12.0	26.7
						Soundwall2	point118	118	12.0	23.7

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

F-4	27	78.5	0.0	5	-5.0	Soundwall2	point117	117	12.0	31.6
						Soundwall2	point116	116	12.0	29.3
						Soundwall2	point119	119	12.0	28.1
						Soundwall2	point120	120	12.0	27.3
						Soundwall2	point121	121	12.0	27.0
						Soundwall2	point118	118	12.0	23.2
F-5	28	78.9	0.0	5	-5.0	Soundwall2	point117	117	12.0	30.4
						Soundwall2	point116	116	12.0	29.8
						Soundwall2	point119	119	12.0	27.9
						Soundwall2	point121	121	12.0	27.2
						Soundwall2	point120	120	12.0	25.6
						Soundwall2	point118	118	12.0	23.8
F-6	29	81.2	-0.0	5	-5.0					
F-7	30	77.3	-0.0	5	-5.0					
F-8	31	69.6	-0.0	5	-5.0					
F-9	33	65.1	5.1	5	0.1	Soundwall2	point119	119	12.0	60.5
						Soundwall2	point116	116	12.0	58.1
						Soundwall2	point121	121	12.0	56.1
						Soundwall2	point120	120	12.0	54.3
						Soundwall2	point122	122	12.0	52.7
						Soundwall2	point118	118	12.0	52.5
						Soundwall2	point117	117	12.0	49.3
F-10	34	66.2	0.6	5	-4.4	Soundwall2	point116	116	12.0	51.9
						Soundwall2	point122	122	12.0	51.5
						Soundwall2	point123	123	12.0	51.0
						Soundwall2	point124	124	12.0	49.8
						Soundwall2	point119	119	12.0	46.8
						Soundwall2	point125	125	12.0	46.0
						Soundwall2	point121	121	12.0	42.3
						Soundwall2	point120	120	12.0	40.7
						Soundwall2	point118	118	12.0	33.9
						Soundwall2	point117	117	12.0	33.5
E-1	36	63.2	0.0	5	-5.0	Soundwall2	point116	116	12.0	33.9
						Soundwall2	point122	122	12.0	33.3
						Soundwall2	point119	119	12.0	32.0
						Soundwall2	point123	123	12.0	31.9

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

						Soundwall2	point121	121	12.0	31.8
						Soundwall2	point124	124	12.0	31.4
						Soundwall2	point117	117	12.0	29.3
						Soundwall2	point125	125	12.0	29.0
						Soundwall2	point120	120	12.0	29.0
						Soundwall2	point118	118	12.0	25.1
E-2	37	63.3	-0.0	5	-5.0	Soundwall2	point116	116	12.0	33.7
						Soundwall2	point122	122	12.0	32.5
						Soundwall2	point119	119	12.0	32.4
						Soundwall2	point123	123	12.0	31.4
						Soundwall2	point121	121	12.0	30.9
						Soundwall2	point120	120	12.0	29.7
						Soundwall2	point117	117	12.0	29.4
						Soundwall2	point124	124	12.0	29.0
						Soundwall2	point125	125	12.0	25.6
						Soundwall2	point118	118	12.0	24.9
E-3	38	55.0	0.0	5	-5.0	Soundwall2	point123	123	12.0	30.0
						Soundwall2	point124	124	12.0	29.4
						Soundwall2	point119	119	12.0	28.3
						Soundwall2	point116	116	12.0	27.8
						Soundwall2	point122	122	12.0	27.7
						Soundwall2	point121	121	12.0	25.6
						Soundwall2	point125	125	12.0	25.4
						Soundwall2	point120	120	12.0	23.9
						Soundwall2	point117	117	12.0	22.2
						Soundwall2	point118	118	12.0	19.9
E-4	39	58.0	0.1	5	-4.9	Soundwall2	point116	116	12.0	40.1
						Soundwall2	point119	119	12.0	38.9
						Soundwall2	point122	122	12.0	38.7
						Soundwall2	point121	121	12.0	37.0
						Soundwall2	point123	123	12.0	36.4
						Soundwall2	point120	120	12.0	35.5
						Soundwall2	point117	117	12.0	34.0
						Soundwall2	point124	124	12.0	33.3
						Soundwall2	point118	118	12.0	32.0
						Soundwall2	point125	125	12.0	28.5

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

E-5	40	63.3	-0.0	5	-5.0	Soundwall2	point122	122	12.0	33.4
						Soundwall2	point116	116	12.0	32.7
						Soundwall2	point123	123	12.0	31.6
						Soundwall2	point119	119	12.0	31.4
						Soundwall2	point124	124	12.0	31.3
						Soundwall2	point121	121	12.0	31.1
						Soundwall2	point125	125	12.0	29.5
						Soundwall2	point117	117	12.0	28.7
						Soundwall2	point120	120	12.0	28.5
						Soundwall2	point118	118	12.0	24.5
E-6	41	63.2	0.0	5	-5.0	Soundwall2	point122	122	12.0	33.0
						Soundwall2	point116	116	12.0	32.5
						Soundwall2	point123	123	12.0	31.5
						Soundwall2	point119	119	12.0	31.1
						Soundwall2	point124	124	12.0	30.9
						Soundwall2	point121	121	12.0	30.7
						Soundwall2	point125	125	12.0	30.3
						Soundwall2	point117	117	12.0	28.5
						Soundwall2	point120	120	12.0	28.2
						Soundwall2	point118	118	12.0	24.1
E-7	42	63.0	-0.0	5	-5.0	Soundwall2	point125	125	12.0	34.1
						Soundwall2	point122	122	12.0	33.0
						Soundwall2	point124	124	12.0	31.6
						Soundwall2	point116	116	12.0	31.4
						Soundwall2	point119	119	12.0	30.5
						Soundwall2	point121	121	12.0	30.1
						Soundwall2	point123	123	12.0	29.3
						Soundwall2	point120	120	12.0	27.1
						Soundwall2	point117	117	12.0	27.1
						Soundwall2	point118	118	12.0	23.1
E-8	43	58.7	0.0	5	-5.0	Soundwall2	point123	123	12.0	42.7
						Soundwall2	point122	122	12.0	42.2
						Soundwall2	point119	119	12.0	42.2
						Soundwall2	point121	121	12.0	41.2
						Soundwall2	point124	124	12.0	40.3
						Soundwall2	point120	120	12.0	39.8

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

						Soundwall2	point125	125	12.0	35.3
						Soundwall2	point116	116	12.0	30.8
						Soundwall2	point117	117	12.0	25.9
						Soundwall2	point118	118	12.0	22.3
E-9	44	63.9	0.1	5	-4.9	Soundwall2	point116	116	12.0	47.5
						Soundwall2	point119	119	12.0	46.7
						Soundwall2	point122	122	12.0	44.8
						Soundwall2	point123	123	12.0	44.4
						Soundwall2	point124	124	12.0	42.4
						Soundwall2	point117	117	12.0	41.5
						Soundwall2	point120	120	12.0	41.5
						Soundwall2	point118	118	12.0	39.1
						Soundwall2	point121	121	12.0	38.2
						Soundwall2	point125	125	12.0	36.6
E-10	45	63.8	0.1	5	-4.9	Soundwall2	point116	116	12.0	48.7
						Soundwall2	point119	119	12.0	46.9
						Soundwall2	point123	123	12.0	45.1
						Soundwall2	point122	122	12.0	44.5
						Soundwall2	point124	124	12.0	43.5
						Soundwall2	point121	121	12.0	42.5
						Soundwall2	point117	117	12.0	41.6
						Soundwall2	point118	118	12.0	39.7
						Soundwall2	point125	125	12.0	38.6
						Soundwall2	point120	120	12.0	34.8
E-11	47	65.3	8.5	5	3.5	Soundwall2	point119	119	12.0	62.4
						Soundwall2	point116	116	12.0	60.4
						Soundwall2	point120	120	12.0	53.8
						Soundwall2	point118	118	12.0	50.7
						Soundwall2	point121	121	12.0	45.9
						Soundwall2	point117	117	12.0	44.4
E-12	48	65.4	6.7	5	1.7	Soundwall2	point119	119	12.0	61.7
						Soundwall2	point122	122	12.0	57.8
						Soundwall2	point116	116	12.0	56.2
						Soundwall2	point121	121	12.0	55.9
						Soundwall2	point120	120	12.0	55.5
						Soundwall2	point118	118	12.0	39.8

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Soundwall2	point117	117	12.0	32.7
F-1B	51	75.8	0.0	5	-5.0	Soundwall2	point122	122	12.0	32.8
						Soundwall2	point116	116	12.0	31.2
						Soundwall2	point119	119	12.0	30.8
						Soundwall2	point121	121	12.0	30.4
						Soundwall2	point123	123	12.0	29.7
						Soundwall2	point124	124	12.0	29.1
						Soundwall2	point117	117	12.0	28.2
						Soundwall2	point120	120	12.0	27.9
						Soundwall2	point125	125	12.0	25.2
						Soundwall2	point118	118	12.0	22.7
F-2B	52	79.5	0.0	5	-5.0	Soundwall2	point121	121	12.0	26.6
						Soundwall2	point116	116	12.0	26.4
						Soundwall2	point117	117	12.0	26.2
						Soundwall2	point119	119	12.0	24.6
						Soundwall2	point120	120	12.0	23.5
						Soundwall2	point118	118	12.0	19.8
F-3B	53	81.6	0.0	5	-5.0	Soundwall2	point116	116	12.0	32.6
						Soundwall2	point117	117	12.0	29.5
F-4B	54	81.8	0.0	5	-5.0	Soundwall2	point117	117	12.0	36.5
						Soundwall2	point116	116	12.0	33.7
						Soundwall2	point118	118	12.0	31.9
						Soundwall2	point119	119	12.0	26.1
F-5B	55	81.8	0.0	5	-5.0	Soundwall2	point116	116	12.0	35.6
						Soundwall2	point117	117	12.0	33.0
						Soundwall2	point119	119	12.0	31.1
						Soundwall2	point118	118	12.0	27.0
F-6B	56	82.7	-0.0	5	-5.0					
F-7B	57	84.0	-0.0	5	-5.0					
F-8B	58	83.3	0.0	5	-5.0					
F-9B	59	66.4	5.6	5	0.6	Soundwall2	point119	119	12.0	62.0
						Soundwall2	point116	116	12.0	59.4
						Soundwall2	point121	121	12.0	57.7
						Soundwall2	point120	120	12.0	55.8
						Soundwall2	point118	118	12.0	54.5
						Soundwall2	point122	122	12.0	54.4

RESULTS: BARRIER DESIGN**RESIDENTIAL CARE FACILITY**

F-10B	60	67.0	0.6	5	-4.4	Soundwall2	point117	117	12.0	50.4
						Soundwall2	point122	122	12.0	53.0
						Soundwall2	point116	116	12.0	52.4
						Soundwall2	point123	123	12.0	52.0
						Soundwall2	point124	124	12.0	50.9
						Soundwall2	point125	125	12.0	47.2
						Soundwall2	point119	119	12.0	46.2
						Soundwall2	point121	121	12.0	44.5
						Soundwall2	point120	120	12.0	42.5
						Soundwall2	point118	118	12.0	34.4
						Soundwall2	point117	117	12.0	33.9
Total Cost, All Barriers (including additional cost(s))						\$0				

ATTACHMENT D
Future TNM Input and Output Data

RESULTS: SOUND LEVELS

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

68 deg F, 50% RH

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with approval of FHWA.

Receiver

Name	No.	#DUs	Existing	No Barrier				Increase over existing	With Barrier				Calculated minus Goal
				LAEQ1h	LAEQ1h	Calculated	Crit'n		Type	Calculated	Noise Reduction		
									Impact	LAEQ1h	Calculated	Goal	
			dBA	dBA	dBA	dBA	dBA	dBA		dBA	dBA	dBA	dBA
F-1	24	1	0.0	69.7	65	69.7	12	Snd Lvl	62.1	7.6	5	2.6	
F-2	25	1	0.0	74.0	65	74.0	12	Snd Lvl	67.5	6.5	5	1.5	
F-3	26	1	0.0	77.9	65	77.9	12	Snd Lvl	65.9	12.0	5	7.0	
F-4	27	1	0.0	78.5	65	78.5	12	Snd Lvl	67.7	10.8	5	5.8	
F-5	28	1	0.0	78.8	65	78.8	12	Snd Lvl	67.0	11.8	5	6.8	
F-6	29	1	0.0	81.2	65	81.2	12	Snd Lvl	66.8	14.4	5	9.4	
F-7	30	1	0.0	77.2	65	77.2	12	Snd Lvl	66.5	10.7	5	5.7	
F-8	31	1	0.0	69.6	65	69.6	12	Snd Lvl	62.9	6.7	5	1.7	
F-9	33	1	0.0	70.0	65	70.0	12	Snd Lvl	61.1	8.9	5	3.9	
F-10	34	1	0.0	66.8	65	66.8	12	Snd Lvl	61.8	5.0	5	0.0	
E-1	36	1	0.0	63.2	65	63.2	12	----	58.0	5.2	5	0.2	
E-2	37	1	0.0	63.3	65	63.3	12	----	58.0	5.3	5	0.3	
E-3	38	1	0.0	55.0	65	55.0	12	----	53.7	1.3	5	-3.7	
E-4	39	1	0.0	57.8	65	57.8	12	----	56.0	1.8	5	-3.2	
E-5	40	1	0.0	63.3	65	63.3	12	----	58.2	5.1	5	0.1	
E-6	41	1	0.0	63.2	65	63.2	12	----	58.3	4.9	5	-0.1	
E-7	42	1	0.0	63.0	65	63.0	12	----	58.1	4.9	5	-0.1	
E-8	43	1	0.0	58.8	65	58.8	12	----	53.6	5.2	5	0.2	
E-9	44	1	0.0	64.0	65	64.0	12	----	58.4	5.6	5	0.6	
E-10	45	1	0.0	63.9	65	63.9	12	----	58.7	5.2	5	0.2	
E-11	47	1	0.0	74.3	65	74.3	12	Snd Lvl	62.0	12.3	5	7.3	
E-12	48	1	0.0	70.9	65	70.9	12	Snd Lvl	61.8	9.1	5	4.1	
F-1B	51	1	0.0	75.8	65	75.8	12	Snd Lvl	72.3	3.5	5	-1.5	
F-2B	52	1	0.0	79.6	65	79.6	12	Snd Lvl	73.5	6.1	5	1.1	

RESULTS: SOUND LEVELS
RESIDENTIAL CARE FACILITY

F-3B	53	1	0.0	81.7	65	81.7	12	Snd Lvl	69.5	12.2	5	7.2
F-4B	54	1	0.0	81.9	65	81.9	12	Snd Lvl	71.9	10.0	5	5.0
F-5B	55	1	0.0	81.9	65	81.9	12	Snd Lvl	71.0	10.9	5	5.9
F-6B	56	1	0.0	82.7	65	82.7	12	Snd Lvl	71.0	11.7	5	6.7
F-7B	57	1	0.0	84.1	65	84.1	12	Snd Lvl	72.3	11.8	5	6.8
F-8B	58	1	0.0	83.5	65	83.5	12	Snd Lvl	72.0	11.5	5	6.5
F-9B	59	1	0.0	72.1	65	72.1	12	Snd Lvl	66.0	6.1	5	1.1
F-10B	60	1	0.0	67.6	65	67.6	12	Snd Lvl	62.6	5.0	5	0.0
Dwelling Units	# DUs	Noise Reduction										
			Min	Avg	Max							
			dB	dB								
All Selected	32	1.3	7.8	14.4								
All Impacted	22	3.5	9.3	14.4								
All that meet NR Goal	27	5.0	8.6	14.4								

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

LDN											
J. Louden											
INPUT: ROADWAYS											
PROJECT/CONTRACT:											
RUN:											
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control		Segment		
				X	Y	Z	Control Device	Speed Constraint	Percent Vehicles	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	% Affected		
I-SB-OS	36.0	point23	23	6,253,122.5	1,942,302.0	130.00				Average	
		point22	22	6,253,145.5	1,942,106.6	129.00				Average	
		point21	21	6,253,174.0	1,941,871.0	129.00				Average	
		point20	20	6,253,204.0	1,941,617.4	129.00				Average	
		point19	19	6,253,231.0	1,941,392.1	127.00				Average	
		point18	18	6,253,256.0	1,941,210.4	125.00				Average	
		point17	17	6,253,289.0	1,940,969.1	124.00				Average	
		point16	16	6,253,308.5	1,940,821.1	123.00				Average	
		point15	15	6,253,325.0	1,940,692.9	123.00				Average	
		point14	14	6,253,342.0	1,940,561.4	122.00				Average	
		point13	13	6,253,360.0	1,940,426.9	120.00				Average	
		point12	12	6,253,374.0	1,940,316.1	120.00				Average	
		point11	11	6,253,397.0	1,940,140.1	119.00				Average	
		point10	10	6,253,432.0	1,939,875.6	115.00				Average	
		point9	9	6,253,471.0	1,939,580.0	111.00					
I-SB-IS	36.0	point38	38	6,253,162.5	1,942,309.6	130.00				Average	
		point37	37	6,253,186.0	1,942,114.2	129.00				Average	
		point36	36	6,253,214.0	1,941,878.6	129.00				Average	
		point35	35	6,253,244.5	1,941,625.0	129.00				Average	
		point34	34	6,253,271.5	1,941,399.8	127.00				Average	
		point33	33	6,253,296.5	1,941,218.0	125.00				Average	
		point32	32	6,253,329.5	1,940,976.8	124.00				Average	
		point31	31	6,253,348.5	1,940,828.8	123.00				Average	
		point30	30	6,253,365.5	1,940,700.5	123.00				Average	
		point29	29	6,253,382.5	1,940,569.0	122.00				Average	

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

		point28	28	6,253,400.0	1,940,434.5	120.00				Average	
		point27	27	6,253,414.5	1,940,323.8	120.00				Average	
		point26	26	6,253,437.5	1,940,147.8	119.00				Average	
		point25	25	6,253,472.5	1,939,883.2	115.00				Average	
		point24	24	6,253,511.5	1,939,587.6	111.00					
I-NB-IS	36.0	point39	39	6,253,569.5	1,939,630.6	111.00				Average	
		point40	40	6,253,530.5	1,939,926.4	115.00				Average	
		point41	41	6,253,495.5	1,940,190.9	119.00				Average	
		point42	42	6,253,472.5	1,940,366.9	120.00				Average	
		point43	43	6,253,458.0	1,940,477.6	120.00				Average	
		point44	44	6,253,440.5	1,940,612.1	122.00				Average	
		point45	45	6,253,423.5	1,940,743.6	123.00				Average	
		point46	46	6,253,406.5	1,940,871.9	123.00				Average	
		point47	47	6,253,387.5	1,941,019.9	124.00				Average	
		point48	48	6,253,354.5	1,941,261.1	125.00				Average	
		point49	49	6,253,329.5	1,941,442.9	127.00				Average	
		point50	50	6,253,302.5	1,941,668.1	129.00				Average	
		point51	51	6,253,272.0	1,941,921.8	129.00				Average	
		point52	52	6,253,244.0	1,942,157.4	129.00				Average	
		point53	53	6,253,220.5	1,942,352.8	130.00					
I-NB-OS	36.0	point54	54	6,253,610.0	1,939,593.9	111.00				Average	
		point55	55	6,253,571.0	1,939,889.5	115.00				Average	
		point56	56	6,253,536.0	1,940,154.0	119.00				Average	
		point57	57	6,253,513.0	1,940,330.0	120.00				Average	
		point58	58	6,253,498.5	1,940,440.8	120.00				Average	
		point59	59	6,253,481.0	1,940,575.2	122.00				Average	
		point60	60	6,253,464.0	1,940,706.8	123.00				Average	
		point61	61	6,253,447.5	1,940,835.0	123.00				Average	
		point62	62	6,253,428.0	1,940,983.0	124.00				Average	
		point63	63	6,253,395.0	1,941,224.2	125.00				Average	
		point64	64	6,253,370.0	1,941,406.0	127.00				Average	
		point65	65	6,253,343.0	1,941,631.2	129.00				Average	
		point66	66	6,253,313.0	1,941,884.9	129.00				Average	
		point67	67	6,253,284.5	1,942,120.5	129.00				Average	
		point68	68	6,253,261.0	1,942,315.9	130.00					
Genevieve St	12.0	point69	69	6,253,890.0	1,941,215.0	140.00				Average	
		point70	70	6,253,810.5	1,941,216.2	134.00				Average	
		point71	71	6,253,752.0	1,941,217.1	129.50				Average	
		point72	72	6,253,703.5	1,941,218.0	126.00				Average	

INPUT: ROADWAYS

RESIDENTIAL CARE FACILITY

		point73	73	6,253,615.0	1,941,219.4	119.00				Average	
		point74	74	6,253,575.0	1,941,220.0	116.00				Average	
		point75	75	6,253,555.5	1,941,220.2	114.00				Average	
		point76	76	6,253,516.0	1,941,220.9	114.00					
Marine View Ave	12.0	point77	77	6,253,801.0	1,940,160.4	179.00				Average	
		point78	78	6,253,834.0	1,940,222.0	179.00				Average	
		point79	79	6,253,852.5	1,940,273.2	179.00				Average	
		point80	80	6,253,866.0	1,940,352.0	175.00				Average	
		point81	81	6,253,869.0	1,940,446.0	170.00				Average	
		point82	82	6,253,870.0	1,940,604.8	155.00				Average	
		point83	83	6,253,882.0	1,940,913.0	140.00				Average	
		point84	84	6,253,894.0	1,941,361.0	140.00				Average	
		point85	85	6,253,895.0	1,941,552.0	148.50				Average	
		point86	86	6,253,892.0	1,941,572.1	149.00				Average	
		point87	87	6,253,879.0	1,941,595.9	149.00				Average	
		point88	88	6,253,857.0	1,941,612.5	150.00				Average	
		point89	89	6,253,838.0	1,941,618.0	150.00					
I-5 HOV NB	24.0	point90	90	6,253,553.5	1,939,632.4	111.00				Average	
		point91	91	6,253,514.5	1,939,928.1	115.00				Average	
		point92	92	6,253,479.5	1,940,192.6	119.00				Average	
		point93	93	6,253,457.0	1,940,368.6	120.00				Average	
		point94	94	6,253,442.5	1,940,479.4	120.00				Average	
		point95	95	6,253,425.0	1,940,613.9	122.00				Average	
		point96	96	6,253,407.5	1,940,745.4	123.00				Average	
		point97	97	6,253,391.0	1,940,873.6	123.00				Average	
		point98	98	6,253,371.5	1,941,021.6	124.00				Average	
		point99	99	6,253,338.5	1,941,262.9	125.00				Average	
		point100	100	6,253,313.5	1,941,444.6	127.00				Average	
		point101	101	6,253,287.0	1,941,669.9	129.00				Average	
		point102	102	6,253,256.5	1,941,923.5	129.00				Average	
		point103	103	6,253,228.5	1,942,159.1	129.00				Average	
		point104	104	6,253,205.0	1,942,354.5	130.00					
i-5 AHOV SB	24.0	point119	119	6,253,175.5	1,942,354.5	130.00				Average	
		point118	118	6,253,199.0	1,942,159.1	129.00				Average	
		point117	117	6,253,227.0	1,941,923.5	129.00				Average	
		point116	116	6,253,257.5	1,941,669.9	129.00				Average	
		point115	115	6,253,284.0	1,941,444.6	127.00				Average	
		point114	114	6,253,309.0	1,941,262.9	125.00				Average	
		point113	113	6,253,342.0	1,941,021.6	124.00				Average	

INPUT: ROADWAYS**RESIDENTIAL CARE FACILITY**

		point112	112	6,253,361.5	1,940,873.6	123.00				Average	
		point111	111	6,253,378.0	1,940,745.4	123.00				Average	
		point110	110	6,253,395.5	1,940,613.9	122.00				Average	
		point109	109	6,253,413.0	1,940,479.4	120.00				Average	
		point108	108	6,253,427.5	1,940,368.6	120.00				Average	
		point107	107	6,253,450.0	1,940,192.6	119.00				Average	
		point106	106	6,253,485.0	1,939,928.1	115.00				Average	
		point105	105	6,253,524.0	1,939,632.4	111.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			Autos		V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
I-SB-OS	point23	23	8228	65	394	65	378	55	0	0	0	0
	point22	22	8228	65	394	65	378	55	0	0	0	0
	point21	21	8228	65	394	65	378	55	0	0	0	0
	point20	20	8228	65	394	65	378	55	0	0	0	0
	point19	19	8228	65	394	65	378	55	0	0	0	0
	point18	18	8228	65	394	65	378	55	0	0	0	0
	point17	17	8228	65	394	65	378	55	0	0	0	0
	point16	16	8228	65	394	65	378	55	0	0	0	0
	point15	15	8228	65	394	65	378	55	0	0	0	0
	point14	14	8228	65	394	65	378	55	0	0	0	0
	point13	13	8228	65	394	65	378	55	0	0	0	0
	point12	12	8228	65	394	65	378	55	0	0	0	0
	point11	11	8228	65	394	65	378	55	0	0	0	0
	point10	10	8228	65	394	65	378	55	0	0	0	0
	point9	9										
I-SB-IS	point38	38	8737	65	263	65	0	0	0	0	0	0
	point37	37	8737	65	263	65	0	0	0	0	0	0
	point36	36	8737	65	263	65	0	0	0	0	0	0
	point35	35	8737	65	263	65	0	0	0	0	0	0
	point34	34	8737	65	263	65	0	0	0	0	0	0
	point33	33	8737	65	263	65	0	0	0	0	0	0
	point32	32	8737	65	263	65	0	0	0	0	0	0
	point31	31	8737	65	263	65	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

	point30	30	8737	65	263	65	0	0	0	0	0	0
	point29	29	8737	65	263	65	0	0	0	0	0	0
	point28	28	8737	65	263	65	0	0	0	0	0	0
	point27	27	8737	65	263	65	0	0	0	0	0	0
	point26	26	8737	65	263	65	0	0	0	0	0	0
	point25	25	8737	65	263	65	0	0	0	0	0	0
	point24	24										
I-NB-IS	point39	39	8737	65	263	65	0	0	0	0	0	0
	point40	40	8737	65	263	65	0	0	0	0	0	0
	point41	41	8737	65	263	65	0	0	0	0	0	0
	point42	42	8737	65	263	65	0	0	0	0	0	0
	point43	43	8737	65	263	65	0	0	0	0	0	0
	point44	44	8737	65	263	65	0	0	0	0	0	0
	point45	45	8737	65	263	65	0	0	0	0	0	0
	point46	46	8737	65	263	65	0	0	0	0	0	0
	point47	47	8737	65	263	65	0	0	0	0	0	0
	point48	48	8737	65	263	65	0	0	0	0	0	0
	point49	49	8737	65	263	65	0	0	0	0	0	0
	point50	50	8737	65	263	65	0	0	0	0	0	0
	point51	51	8737	65	263	65	0	0	0	0	0	0
	point52	52	8737	65	263	65	0	0	0	0	0	0
	point53	53										
I-NB-OS	point54	54	8228	65	394	65	378	55	0	0	0	0
	point55	55	8228	65	394	65	378	55	0	0	0	0
	point56	56	8228	65	394	65	378	55	0	0	0	0
	point57	57	8228	65	394	65	378	55	0	0	0	0
	point58	58	8228	65	394	65	378	55	0	0	0	0
	point59	59	8228	65	394	65	378	55	0	0	0	0
	point60	60	8228	65	394	65	378	55	0	0	0	0
	point61	61	8228	65	394	65	378	55	0	0	0	0
	point62	62	8228	65	394	65	378	55	0	0	0	0
	point63	63	8228	65	394	65	378	55	0	0	0	0
	point64	64	8228	65	394	65	378	55	0	0	0	0
	point65	65	8228	65	394	65	378	55	0	0	0	0
	point66	66	8228	65	394	65	378	55	0	0	0	0
	point67	67	8228	65	394	65	378	55	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes

RESIDENTIAL CARE FACILITY

	point68	68										
Genevieve St	point69	69	28	25	1	25	1	25	0	0	0	0
	point70	70	28	25	1	25	1	25	0	0	0	0
	point71	71	28	25	1	25	1	25	0	0	0	0
	point72	72	28	25	1	25	1	25	0	0	0	0
	point73	73	28	25	1	25	1	25	0	0	0	0
	point74	74	28	25	1	25	1	25	0	0	0	0
	point75	75	28	25	1	25	1	25	0	0	0	0
	point76	76										
Marine View Ave	point77	77	48	25	2	25	2	25	0	0	0	0
	point78	78	48	25	2	25	2	25	0	0	0	0
	point79	79	48	25	2	25	2	25	0	0	0	0
	point80	80	48	25	2	25	2	25	0	0	0	0
	point81	81	48	25	2	25	2	25	0	0	0	0
	point82	82	48	25	2	25	2	25	0	0	0	0
	point83	83	48	25	2	25	2	25	0	0	0	0
	point84	84	48	25	2	25	2	25	0	0	0	0
	point85	85	48	25	2	25	2	25	0	0	0	0
	point86	86	48	25	2	25	2	25	0	0	0	0
	point87	87	48	25	2	25	2	25	0	0	0	0
	point88	88	48	25	2	25	2	25	0	0	0	0
	point89	89										
I-5 HOV NB	point90	90	3000	65	0	0	0	0	0	0	0	0
	point91	91	3000	65	0	0	0	0	0	0	0	0
	point92	92	3000	65	0	0	0	0	0	0	0	0
	point93	93	3000	65	0	0	0	0	0	0	0	0
	point94	94	3000	65	0	0	0	0	0	0	0	0
	point95	95	3000	65	0	0	0	0	0	0	0	0
	point96	96	3000	65	0	0	0	0	0	0	0	0
	point97	97	3000	65	0	0	0	0	0	0	0	0
	point98	98	3000	65	0	0	0	0	0	0	0	0
	point99	99	3000	65	0	0	0	0	0	0	0	0
	point100	100	3000	65	0	0	0	0	0	0	0	0
	point101	101	3000	65	0	0	0	0	0	0	0	0
	point102	102	3000	65	0	0	0	0	0	0	0	0
	point103	103	3000	65	0	0	0	0	0	0	0	0

INPUT: TRAFFIC FOR LAeq1h Volumes**RESIDENTIAL CARE FACILITY**

	point104	104											
i-5 AHOV SB	point119	119	3000	65	0	0	0	0	0	0	0	0	0
	point118	118	3000	65	0	0	0	0	0	0	0	0	0
	point117	117	3000	65	0	0	0	0	0	0	0	0	0
	point116	116	3000	65	0	0	0	0	0	0	0	0	0
	point115	115	3000	65	0	0	0	0	0	0	0	0	0
	point114	114	3000	65	0	0	0	0	0	0	0	0	0
	point113	113	3000	65	0	0	0	0	0	0	0	0	0
	point112	112	3000	65	0	0	0	0	0	0	0	0	0
	point111	111	3000	65	0	0	0	0	0	0	0	0	0
	point110	110	3000	65	0	0	0	0	0	0	0	0	0
	point109	109	3000	65	0	0	0	0	0	0	0	0	0
	point108	108	3000	65	0	0	0	0	0	0	0	0	0
	point107	107	3000	65	0	0	0	0	0	0	0	0	0
	point106	106	3000	65	0	0	0	0	0	0	0	0	0
	point105	105											

INPUT: TERRAIN LINES

LDN
J. Louden

6 March 2017
TNM 2.5

RESIDENTIAL CARE FACILITY**INPUT: TERRAIN LINES****PROJECT/CONTRACT:****RUN:****RESIDENTIAL CARE FACILITY****Future Compatibility**

Terrain Line	Points				
	Name	No.	Coordinates (ground)		
		X	Y	Z	
		ft	ft	ft	
Terrain Line2		3	6,253,300.5	1,942,208.6	130.00
		4	6,253,326.5	1,941,993.8	128.00
		5	6,253,359.0	1,941,717.8	126.00
		6	6,253,373.5	1,941,612.2	125.00
		7	6,253,385.0	1,941,523.8	124.00
		8	6,253,398.0	1,941,418.2	124.00
		9	6,253,416.0	1,941,327.1	124.00
		10	6,253,434.0	1,941,230.8	123.00
		11	6,253,440.5	1,941,133.1	122.00
		12	6,253,448.5	1,941,032.9	122.00
		13	6,253,461.5	1,940,945.6	122.00
		14	6,253,470.5	1,940,858.4	122.00
		15	6,253,492.0	1,940,704.8	122.00
		16	6,253,506.5	1,940,605.8	122.00
		17	6,253,518.5	1,940,480.8	120.00
		18	6,253,567.0	1,940,131.8	115.00
		19	6,253,610.0	1,939,741.1	111.00
		20	6,253,624.5	1,939,647.4	111.00
Terrain Line3		21	6,253,641.5	1,940,542.2	145.00
		22	6,253,633.5	1,940,537.9	144.00
		23	6,253,624.5	1,940,535.2	143.00
		24	6,253,611.0	1,940,535.5	142.00
		25	6,253,595.5	1,940,535.2	141.00
		26	6,253,582.5	1,940,536.2	140.00

INPUT: TERRAIN LINES

	27	6,253,575.5	1,940,537.5	139.00
	28	6,253,558.0	1,940,542.9	138.00
	29	6,253,549.0	1,940,546.8	137.00
	30	6,253,542.0	1,940,552.1	136.00
	31	6,253,532.0	1,940,568.4	135.00
	32	6,253,529.5	1,940,603.6	133.00
	33	6,253,524.5	1,940,664.0	131.00
	34	6,253,511.0	1,940,873.6	116.00
	35	6,253,509.0	1,940,941.0	114.00
	36	6,253,499.0	1,941,018.6	111.00
	37	6,253,488.5	1,941,091.6	109.00
	38	6,253,481.5	1,941,164.5	112.00
	39	6,253,477.5	1,941,231.6	112.00
Terrain Line4	40	6,253,649.0	1,940,714.9	124.00
	41	6,253,644.5	1,940,673.9	124.00
	42	6,253,643.0	1,940,669.1	124.00
	43	6,253,639.5	1,940,658.1	124.00
	44	6,253,632.0	1,940,652.5	124.00
	45	6,253,625.5	1,940,651.1	124.00
Terrain Line5	46	6,253,653.5	1,940,868.4	121.00
	47	6,253,654.5	1,940,908.8	121.00
	48	6,253,656.0	1,940,980.5	121.00
	49	6,253,658.5	1,941,074.9	121.00
Terrain Line6	50	6,253,647.5	1,940,816.9	122.00
	51	6,253,649.0	1,940,846.0	122.00
	52	6,253,650.5	1,940,867.5	122.00
Terrain Line7	53	6,253,648.0	1,940,818.9	122.00
	54	6,253,648.5	1,940,813.2	122.00
	55	6,253,648.0	1,940,799.8	122.00
	56	6,253,647.0	1,940,780.9	122.00
	57	6,253,645.5	1,940,750.8	122.00
	58	6,253,643.0	1,940,705.9	122.00
	59	6,253,642.0	1,940,673.9	123.00
Terrain Line8	60	6,253,556.0	1,940,623.1	129.00
	61	6,253,559.5	1,940,599.5	129.00
	62	6,253,564.5	1,940,599.9	129.00

RESIDENTIAL CARE FACILITY

INPUT: TERRAIN LINES

	63	6,253,566.0	1,940,597.1	129.00
	64	6,253,571.0	1,940,566.6	129.00
	65	6,253,575.0	1,940,560.9	129.00
	66	6,253,583.5	1,940,559.4	129.00
	67	6,253,596.0	1,940,560.2	129.00
	68	6,253,608.5	1,940,563.1	129.00
	69	6,253,613.0	1,940,565.6	129.00
	70	6,253,620.0	1,940,572.1	129.00
	71	6,253,626.0	1,940,580.6	129.00
Terrain Line9	72	6,253,529.0	1,940,689.4	128.00
	73	6,253,535.5	1,940,629.1	128.00
	74	6,253,537.5	1,940,625.9	128.00
	75	6,253,541.0	1,940,625.0	128.00
	76	6,253,555.5	1,940,627.0	128.00
Terrain Line10	77	6,253,515.5	1,940,829.5	120.00
	78	6,253,516.0	1,940,818.9	120.00
	79	6,253,525.0	1,940,783.2	120.00
	80	6,253,526.5	1,940,775.2	120.00
	81	6,253,532.5	1,940,749.2	120.00
	82	6,253,535.0	1,940,742.8	120.00
	83	6,253,540.5	1,940,719.4	120.00
	84	6,253,545.0	1,940,687.5	120.00
	86	6,253,550.0	1,940,643.8	120.00
	87	6,253,550.0	1,940,644.4	120.00
Terrain Line11	88	6,253,512.0	1,940,860.1	117.00
	89	6,253,532.0	1,940,785.4	117.00
	90	6,253,532.0	1,940,801.8	117.00
	91	6,253,534.0	1,940,802.8	117.00
Terrain Line12	92	6,253,566.5	1,940,897.5	116.00
	93	6,253,566.5	1,940,942.0	115.00
	94	6,253,562.5	1,940,963.5	114.00
	95	6,253,558.0	1,940,995.5	113.00
	96	6,253,555.0	1,941,017.6	112.00
	97	6,253,552.5	1,941,039.9	111.00
	98	6,253,538.5	1,941,056.8	110.00
	99	6,253,538.0	1,941,063.4	110.00

RESIDENTIAL CARE FACILITY

INPUT: TERRAIN LINES

	100	6,253,532.0	1,941,125.2	110.00
	101	6,253,529.5	1,941,136.6	110.00
	102	6,253,527.5	1,941,151.4	110.00
	103	6,253,525.5	1,941,166.6	111.00
	104	6,253,524.0	1,941,181.2	111.00
	105	6,253,523.5	1,941,187.2	112.00
Terrain Line13	106	6,253,525.0	1,940,888.6	116.00
	107	6,253,529.0	1,940,888.9	116.00
	108	6,253,563.5	1,940,896.0	116.00
	109	6,253,566.5	1,940,897.5	116.00
	110	6,253,588.5	1,940,920.5	116.00
Terrain Line14	111	6,253,566.5	1,941,211.8	116.00
	112	6,253,566.0	1,941,204.9	116.00
	113	6,253,564.0	1,941,201.4	116.00
	114	6,253,560.5	1,941,198.4	116.00
	115	6,253,558.0	1,941,197.9	116.00
	116	6,253,550.5	1,941,194.5	116.00
	117	6,253,544.5	1,941,190.2	116.00
	118	6,253,541.5	1,941,186.0	116.00
	119	6,253,541.0	1,941,182.2	116.00
	120	6,253,538.0	1,941,164.9	116.00
	121	6,253,538.5	1,941,153.9	116.00
	122	6,253,543.5	1,941,122.0	116.00
Terrain Line15	123	6,253,654.0	1,941,193.4	126.00
	124	6,253,648.0	1,941,193.6	125.00
	125	6,253,645.0	1,941,193.9	124.00
	126	6,253,640.5	1,941,193.8	123.00
	127	6,253,638.0	1,941,193.8	122.00
	128	6,253,575.0	1,941,195.0	117.00
Terrain Line16	129	6,253,777.5	1,941,106.9	130.00
	130	6,253,785.5	1,941,109.9	130.00
	131	6,253,791.5	1,941,122.4	130.00
	132	6,253,792.5	1,941,152.1	130.00
	133	6,253,788.0	1,941,177.8	130.00
	134	6,253,781.5	1,941,177.4	130.00
	135	6,253,752.0	1,941,177.9	130.00

RESIDENTIAL CARE FACILITY

INPUT: TERRAIN LINES

Terrain Line17	136	6,253,862.5	1,941,186.1	140.00
	137	6,253,840.5	1,941,198.1	138.00
	138	6,253,824.0	1,941,196.1	137.00
	139	6,253,808.5	1,941,191.4	136.00
	140	6,253,802.0	1,941,147.1	136.00
	141	6,253,803.0	1,941,119.9	136.00
	142	6,253,803.5	1,941,116.4	136.00
	143	6,253,806.5	1,941,112.9	136.00
	144	6,253,813.0	1,941,110.1	136.00
	145	6,253,813.5	1,941,108.0	136.00
	146	6,253,812.5	1,941,096.9	136.00
Terrain Line19	148	6,253,649.5	1,941,177.4	116.90
	149	6,253,601.0	1,941,180.6	116.90
	150	6,253,602.0	1,941,172.8	116.90
	151	6,253,544.0	1,941,164.1	116.90
	152	6,253,549.0	1,941,121.1	116.90
	153	6,253,557.5	1,941,121.5	116.90
	154	6,253,568.0	1,941,037.6	116.90
	155	6,253,579.0	1,940,946.1	116.90
	156	6,253,582.0	1,940,946.6	116.90
	157	6,253,582.5	1,940,942.9	116.90
	158	6,253,591.5	1,940,935.0	116.90
	159	6,253,597.5	1,940,925.4	116.90
	160	6,253,601.5	1,940,913.1	116.90
	161	6,253,606.0	1,940,913.8	116.90
	162	6,253,606.5	1,940,908.5	116.90
	163	6,253,643.5	1,940,908.9	116.90
	164	6,253,641.0	1,940,929.5	116.90
	165	6,253,647.0	1,940,930.1	116.90
	166	6,253,642.5	1,940,965.9	116.90
	167	6,253,636.5	1,940,965.1	116.90
	168	6,253,634.0	1,940,987.8	116.90
	169	6,253,624.5	1,940,986.6	116.90
	170	6,253,622.0	1,941,007.0	116.90
	171	6,253,623.0	1,941,007.1	116.90
	172	6,253,621.5	1,941,020.8	116.90

RESIDENTIAL CARE FACILITY

INPUT: TERRAIN LINES

	173	6,253,630.0	1,941,021.8	116.90
	174	6,253,627.0	1,941,044.9	116.90
	175	6,253,622.5	1,941,044.2	116.90
	176	6,253,620.0	1,941,068.4	116.90
	177	6,253,614.0	1,941,115.5	116.90
	178	6,253,632.5	1,941,118.8	116.90
	179	6,253,658.0	1,941,118.1	116.90
	180	6,253,659.0	1,941,155.8	116.90
	181	6,253,649.0	1,941,156.0	116.90
	182	6,253,649.5	1,941,177.4	116.90
Terrain Line20	183	6,253,624.0	1,940,849.2	118.00
	184	6,253,622.5	1,940,863.1	118.00
	185	6,253,612.5	1,940,862.0	118.00
	186	6,253,595.5	1,940,862.2	118.00
	187	6,253,565.0	1,940,858.5	118.00
	188	6,253,565.0	1,940,861.2	118.00
	189	6,253,543.5	1,940,858.6	118.00
	190	6,253,547.0	1,940,829.1	118.00
	191	6,253,537.0	1,940,827.9	118.00
	192	6,253,559.5	1,940,657.2	118.00
	193	6,253,593.0	1,940,661.2	118.00
	194	6,253,594.0	1,940,652.1	118.00
	195	6,253,618.5	1,940,655.1	118.00
	196	6,253,608.0	1,940,756.5	118.00
	197	6,253,640.0	1,940,760.4	118.00
	198	6,253,635.5	1,940,793.9	118.00
	199	6,253,638.0	1,940,794.2	118.00
	200	6,253,633.0	1,940,835.9	118.00
	201	6,253,634.5	1,940,836.1	118.00
	202	6,253,633.0	1,940,850.2	118.00
	203	6,253,624.0	1,940,849.2	118.00

RESIDENTIAL CARE FACILITY

INPUT: RECEIVERS

RESIDENTIAL CARE FACILITY

LDN							6 March 2017				
J. Louden							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:			RESIDENTIAL CARE FACILITY								
RUN:			Future Compatibility								
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above Ground	Existing LAeq1h	Impact Criteria LAeq1h	NR Sub'l	NR Goal	in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
F-1	24	1	6,253,651.0	1,941,184.4	116.90	5.00	0.00	65	12.0	5.0	Y
F-2	25	1	6,253,566.0	1,941,175.5	116.90	5.00	0.00	65	12.0	5.0	Y
F-3	26	1	6,253,554.0	1,941,113.5	116.90	5.00	0.00	65	12.0	5.0	Y
F-4	27	1	6,253,563.0	1,941,043.5	116.90	5.00	0.00	65	12.0	5.0	Y
F-5	28	1	6,253,568.5	1,940,958.5	116.90	5.00	0.00	65	12.0	5.0	Y
F-6	29	1	6,253,542.0	1,940,834.1	118.00	5.00	0.00	65	12.0	5.0	Y
F-7	30	1	6,253,538.5	1,940,755.6	118.00	5.00	0.00	65	12.0	5.0	Y
F-8	31	1	6,253,552.0	1,940,659.9	118.00	5.00	0.00	65	12.0	5.0	Y
F-9	33	1	6,253,589.5	1,940,609.8	129.50	5.00	0.00	65	12.0	5.0	Y
F-10	34	1	6,253,633.5	1,940,658.6	129.50	5.00	0.00	65	12.0	5.0	Y
E-1	36	1	6,253,648.0	1,941,105.5	117.00	5.00	0.00	65	12.0	5.0	Y
E-2	37	1	6,253,630.0	1,941,095.6	117.00	5.00	0.00	65	12.0	5.0	Y
E-3	38	1	6,253,824.0	1,941,161.6	117.00	5.00	0.00	65	12.0	5.0	Y
E-4	39	1	6,253,850.0	1,941,122.8	117.00	5.00	0.00	65	12.0	5.0	Y
E-5	40	1	6,253,648.0	1,941,065.8	117.00	5.00	0.00	65	12.0	5.0	Y
E-6	41	1	6,253,649.5	1,941,042.8	117.00	5.00	0.00	65	12.0	5.0	Y
E-7	42	1	6,253,650.0	1,940,998.5	117.00	5.00	0.00	65	12.0	5.0	Y
E-8	43	1	6,253,640.5	1,940,880.2	117.50	5.00	0.00	65	12.0	5.0	Y
E-9	44	1	6,253,629.5	1,940,744.6	117.50	5.00	0.00	65	12.0	5.0	Y
E-10	45	1	6,253,632.0	1,940,713.0	117.50	5.00	0.00	65	12.0	5.0	Y
E-11	47	1	6,253,578.5	1,940,595.4	129.50	5.00	0.00	65	12.0	5.0	Y
E-12	48	1	6,253,603.0	1,940,580.8	129.50	5.00	0.00	65	12.0	5.0	Y

INPUT: RECEIVERS**RESIDENTIAL CARE FACILITY**

F-1B	51	1	6,253,651.5	1,941,183.6	130.90	5.00	0.00	65	12.0	5.0	Y
F-2B	52	1	6,253,566.0	1,941,176.6	130.90	5.00	0.00	65	12.0	5.0	Y
F-3B	53	1	6,253,554.0	1,941,112.6	130.90	5.00	0.00	65	12.0	5.0	Y
F-4B	54	1	6,253,563.5	1,941,044.2	130.90	5.00	0.00	65	12.0	5.0	Y
F-5B	55	1	6,253,569.5	1,940,959.9	130.90	5.00	0.00	65	12.0	5.0	Y
F-6B	56	1	6,253,542.5	1,940,835.8	132.00	5.00	0.00	65	12.0	5.0	Y
F-7B	57	1	6,253,539.0	1,940,754.9	132.00	5.00	0.00	65	12.0	5.0	Y
F-8B	58	1	6,253,553.0	1,940,660.0	132.00	5.00	0.00	65	12.0	5.0	Y
F-9B	59	1	6,253,589.5	1,940,608.8	132.00	5.00	0.00	65	12.0	5.0	Y
F-10B	60	1	6,253,634.0	1,940,658.9	132.00	5.00	0.00	65	12.0	5.0	Y

INPUT: BARRIERS

RESIDENTIAL CARE FACILITY

LDN J. Louden		6 March 2017 TNM 2.5															
INPUT: BARRIERS		RESIDENTIAL CARE FACILITY															
PROJECT/CONTRACT: RUN:		Future Compatibility															
Barrier		Points															
Name	Type	Height		If Wall	If Berm		Add'tnl	Name	No.	Coordinates (bottom)		Height	Segment				
		Min	Max	\$ per	\$ per	Top	Run:Rise			X	Y	Z	at				
				Unit	Unit	Width							Point				
				Area	Vol.								Incre-	#Up			
							Length						#Dn	Struct?			
		ft	ft	\$/sq ft	\$/cu yd	ft	ft:ft	\$/ft		ft	ft	ft	ft	Reflec-			
														tions?			
North Building	W	0.00	99.99	0.00				0.00	point75	75	6,253,659.0	1,941,155.8	116.90	24.00	0.00	0	0
									point76	76	6,253,649.0	1,941,156.0	116.90	24.00	0.00	0	0
									point77	77	6,253,649.5	1,941,177.4	116.90	24.00	0.00	0	0
									point78	78	6,253,601.0	1,941,180.6	116.90	24.00	0.00	0	0
									point79	79	6,253,602.0	1,941,172.8	116.90	24.00	0.00	0	0
									point80	80	6,253,544.0	1,941,164.1	116.90	24.00	0.00	0	0
									point81	81	6,253,549.0	1,941,121.1	116.90	24.00	0.00	0	0
									point82	82	6,253,557.5	1,941,121.5	116.90	24.00	0.00	0	0
									point83	83	6,253,579.0	1,940,946.1	116.90	24.00	0.00	0	0
									point84	84	6,253,582.0	1,940,946.6	116.90	24.00	0.00	0	0
									point85	85	6,253,582.5	1,940,942.9	116.90	24.00	0.00	0	0
									point86	86	6,253,591.5	1,940,935.0	116.90	24.00	0.00	0	0
									point87	87	6,253,597.5	1,940,925.4	116.90	24.00	0.00	0	0
									point88	88	6,253,601.5	1,940,913.1	116.90	24.00	0.00	0	0
									point89	89	6,253,606.0	1,940,913.8	116.90	24.00	0.00	0	0
									point90	90	6,253,606.5	1,940,908.5	116.90	24.00	0.00	0	0
									point91	91	6,253,643.5	1,940,908.9	116.90	24.00	0.00	0	0
									point92	92	6,253,641.0	1,940,929.5	116.90	24.00			
South Building	W	0.00	99.99	0.00				0.00	point93	93	6,253,633.0	1,940,850.2	118.00	24.00	0.00	0	0
									point94	94	6,253,624.0	1,940,849.2	118.00	24.00	0.00	0	0
									point95	95	6,253,622.5	1,940,863.1	118.00	24.00	0.00	0	0
									point96	96	6,253,595.5	1,940,862.2	118.00	24.00	0.00	0	0
									point97	97	6,253,565.0	1,940,858.5	118.00	24.00	0.00	0	0
									point98	98	6,253,565.0	1,940,861.2	118.00	24.00	0.00	0	0
									point99	99	6,253,543.5	1,940,858.6	118.00	24.00	0.00	0	0
									point100	100	6,253,547.0	1,940,829.1	118.00	24.00	0.00	0	0
									point101	101	6,253,537.0	1,940,827.9	118.00	24.00	0.00	0	0
									point102	102	6,253,559.5	1,940,657.2	118.00	24.00	0.00	0	0
									point103	103	6,253,565.5	1,940,608.8	130.00	24.00	0.00	0	0
									point104	104	6,253,592.0	1,940,612.0	130.00	24.00	0.00	0	0
									point105	105	6,253,591.5	1,940,617.9	130.00	24.00	0.00	0	0
									point106	106	6,253,597.5	1,940,618.8	130.00	24.00	0.00	0	0
									point107	107	6,253,596.0	1,940,631.2	130.00	24.00	0.00	0	0
									point108	108	6,253,622.0	1,940,634.4	130.00	24.00			
Building Connecting hallway	W	0.00	99.99	0.00				0.00	point109	109	6,253,613.0	1,940,908.0	118.00	24.00	0.00	0	0

INPUT: BARRIERS

RESIDENTIAL CARE FACILITY

							point110	110	6,253,612.0	1,940,898.4	118.00	24.00	0.00	0	0			
							point111	111	6,253,609.5	1,940,890.8	118.00	24.00	0.00	0	0			
							point112	112	6,253,606.0	1,940,885.4	118.00	24.00	0.00	0	0			
							point113	113	6,253,601.0	1,940,876.6	118.00	24.00	0.00	0	0			
							point114	114	6,253,596.5	1,940,869.1	118.00	24.00	0.00	0	0			
							point115	115	6,253,594.5	1,940,862.4	118.00	24.00						
Soundwall2	W	0.00	99.99	0.00			0.00	point116	116	6,253,556.0	1,940,623.1	129.00	8.00	2.00	2	1		
								point117	117	6,253,559.5	1,940,599.5	129.00	8.00	2.00	2	1		
								point118	118	6,253,564.5	1,940,599.9	129.00	8.00	2.00	2	1		
								point119	119	6,253,566.0	1,940,597.1	129.00	8.00	2.00	2	1		
								point120	120	6,253,571.0	1,940,566.6	129.00	8.00	2.00	2	1		
								point121	121	6,253,575.0	1,940,560.9	129.00	8.00	2.00	2	1		
								point122	122	6,253,583.5	1,940,559.4	129.00	8.00	2.00	2	1		
								point123	123	6,253,596.0	1,940,560.2	129.00	8.00	2.00	2	1		
								point124	124	6,253,608.5	1,940,563.1	129.00	8.00	2.00	2	1		
								point125	125	6,253,620.0	1,940,572.1	129.00	8.00	2.00	2	1		
								point127	127	6,253,626.0	1,940,580.6	129.00	8.00					
Caltrans_S206_BARRIER	W	0.00	99.99	0.00			0.00	point128	128	6,253,408.0	1,941,343.4	124.00	16.00	2.00	0	1		
								point129	129	6,253,418.0	1,941,268.9	124.00	16.00	2.00	0	1		
								point130	130	6,253,427.5	1,941,225.9	123.00	16.00	2.00	0	1		
								point131	131	6,253,436.0	1,941,154.0	123.00	16.00	2.00	0	1		
								point132	132	6,253,444.0	1,941,071.4	122.00	16.00	2.00	0	1		
								point133	133	6,253,452.5	1,940,990.5	122.00	16.00	2.00	0	1		
								point134	134	6,253,463.5	1,940,914.8	122.00	16.00	2.00	0	1		
								point135	135	6,253,470.5	1,940,845.9	122.00	16.00	2.00	0	1		
								point136	136	6,253,480.0	1,940,765.0	122.00	16.00	2.00	0	1		
								point137	137	6,253,487.5	1,940,703.0	122.00	16.00	2.00	0	1		
								point138	138	6,253,503.5	1,940,592.9	122.00	16.00	2.00	0	1		
								point139	139	6,253,513.5	1,940,496.5	122.00	16.00	2.00	0	1		
								point140	140	6,253,529.0	1,940,376.0	122.00	16.00	2.00	0	1		
								point141	141	6,253,547.0	1,940,236.6	122.00	16.00	2.00	0	1		
								point142	142	6,253,554.0	1,940,186.6	121.00	16.00	2.00	0	1		
								point143	143	6,253,565.5	1,940,098.9	121.00	16.00					

INPUT: RECEIVER ADJUSTMENT FACTORS**RESIDENTIAL CARE FACILITY**

LDN		6 March 2017	
J. Louden		TNM 2.5	
INPUT: RECEIVER ADJUSTMENT FACTORS	RESIDENTIAL CARE FACILITY		
PROJECT/CONTRACT:	RESIDENTIAL CARE FACILITY		
RUN:	Future Compatibility		
Receiver			
Name	No.	Individual Roadway Segment Adjustment Factors	
		Roadway	Segment
		Name	Name
			No.
			Adj. Factor
			dB
<< This table is empty >>			

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

LDN

J. Louden

6 March 2017

TNM 2.5

Calculated with TNM 2.5

RESULTS: BARRIER DESIGN

PROJECT/CONTRACT:

RESIDENTIAL CARE FACILITY

RUN:

Future Compatibility

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

68 deg F, 50% RH

Selected Receivers

Name	No.	Calc Noise Reduction				Barrier Reviewed	Important Segments			Partial LAeq1h
		LAEQ1h	Calc	Goal	Calc-Goal		Name	No.	Height	
		dBA	dB	dB	dB		ft	dBA		
F-1	24	62.1	7.6	5	2.6	Caltrans_S206_BARRIER	point130	130	16.0	54.3
						Caltrans_S206_BARRIER	point128	128	16.0	53.7
						Caltrans_S206_BARRIER	point129	129	16.0	52.4
						Caltrans_S206_BARRIER	point131	131	16.0	39.8
						Caltrans_S206_BARRIER	point132	132	16.0	38.9
						Caltrans_S206_BARRIER	point133	133	16.0	36.7
						Caltrans_S206_BARRIER	point134	134	16.0	34.3
						Caltrans_S206_BARRIER	point135	135	16.0	33.6
						Caltrans_S206_BARRIER	point137	137	16.0	32.0
						Caltrans_S206_BARRIER	point136	136	16.0	30.9
F-2	25	67.5	6.5	5	1.5	Caltrans_S206_BARRIER	point130	130	16.0	58.0
						Caltrans_S206_BARRIER	point131	131	16.0	56.0
						Caltrans_S206_BARRIER	point128	128	16.0	55.8
						Caltrans_S206_BARRIER	point129	129	16.0	54.8
						Caltrans_S206_BARRIER	point132	132	16.0	41.8
						Caltrans_S206_BARRIER	point133	133	16.0	40.0
						Caltrans_S206_BARRIER	point134	134	16.0	36.5
						Caltrans_S206_BARRIER	point135	135	16.0	35.3
						Caltrans_S206_BARRIER	point137	137	16.0	33.4
						Caltrans_S206_BARRIER	point136	136	16.0	32.5
F-3	26	65.9	12.0	5	7.0	Caltrans_S206_BARRIER	point131	131	16.0	59.8

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point132	132	16.0	58.6
						Caltrans_S206_BARRIER	point130	130	16.0	57.6
						Caltrans_S206_BARRIER	point133	133	16.0	56.2
						Caltrans_S206_BARRIER	point128	128	16.0	54.2
						Caltrans_S206_BARRIER	point134	134	16.0	53.5
						Caltrans_S206_BARRIER	point129	129	16.0	53.2
						Caltrans_S206_BARRIER	point135	135	16.0	52.7
						Caltrans_S206_BARRIER	point137	137	16.0	51.3
						Caltrans_S206_BARRIER	point136	136	16.0	50.3
F-4	27	67.7	10.8	5	5.8	Caltrans_S206_BARRIER	point132	132	16.0	59.4
						Caltrans_S206_BARRIER	point131	131	16.0	58.4
						Caltrans_S206_BARRIER	point133	133	16.0	58.1
						Caltrans_S206_BARRIER	point130	130	16.0	55.9
						Caltrans_S206_BARRIER	point134	134	16.0	55.5
						Caltrans_S206_BARRIER	point135	135	16.0	54.2
						Caltrans_S206_BARRIER	point128	128	16.0	53.3
						Caltrans_S206_BARRIER	point137	137	16.0	52.0
						Caltrans_S206_BARRIER	point129	129	16.0	51.4
						Caltrans_S206_BARRIER	point136	136	16.0	50.8
F-5	28	67.0	11.8	5	6.8	Caltrans_S206_BARRIER	point133	133	16.0	59.5
						Caltrans_S206_BARRIER	point132	132	16.0	58.7
						Caltrans_S206_BARRIER	point134	134	16.0	58.2
						Caltrans_S206_BARRIER	point135	135	16.0	56.7
						Caltrans_S206_BARRIER	point131	131	16.0	56.6
						Caltrans_S206_BARRIER	point130	130	16.0	54.2
						Caltrans_S206_BARRIER	point136	136	16.0	53.2
						Caltrans_S206_BARRIER	point128	128	16.0	52.0
						Caltrans_S206_BARRIER	point137	137	16.0	50.1
						Caltrans_S206_BARRIER	point129	129	16.0	49.5
F-6	29	66.8	14.4	5	9.4	Caltrans_S206_BARRIER	point135	135	16.0	62.0
						Caltrans_S206_BARRIER	point134	134	16.0	60.5
						Caltrans_S206_BARRIER	point133	133	16.0	57.7
						Caltrans_S206_BARRIER	point132	132	16.0	56.1
						Caltrans_S206_BARRIER	point131	131	16.0	54.4
						Caltrans_S206_BARRIER	point130	130	16.0	51.7
						Caltrans_S206_BARRIER	point136	136	16.0	50.8

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point128	128	16.0	48.6
						Caltrans_S206_BARRIER	point129	129	16.0	44.3
						Caltrans_S206_BARRIER	point137	137	16.0	41.4
F-7	30	66.5	10.7	5	5.7	Caltrans_S206_BARRIER	point136	136	16.0	60.3
						Caltrans_S206_BARRIER	point135	135	16.0	60.0
						Caltrans_S206_BARRIER	point137	137	16.0	59.1
						Caltrans_S206_BARRIER	point134	134	16.0	56.2
						Caltrans_S206_BARRIER	point133	133	16.0	54.0
						Caltrans_S206_BARRIER	point132	132	16.0	53.6
						Caltrans_S206_BARRIER	point131	131	16.0	52.4
						Caltrans_S206_BARRIER	point138	138	16.0	49.7
						Caltrans_S206_BARRIER	point130	130	16.0	48.7
						Caltrans_S206_BARRIER	point128	128	16.0	45.8
F-8	31	62.9	6.7	5	1.7	Caltrans_S206_BARRIER	point135	135	16.0	56.0
						Caltrans_S206_BARRIER	point136	136	16.0	55.0
						Caltrans_S206_BARRIER	point137	137	16.0	54.7
						Caltrans_S206_BARRIER	point134	134	16.0	53.6
						Caltrans_S206_BARRIER	point133	133	16.0	51.5
						Caltrans_S206_BARRIER	point132	132	16.0	51.4
						Caltrans_S206_BARRIER	point138	138	16.0	49.8
						Caltrans_S206_BARRIER	point131	131	16.0	49.6
						Caltrans_S206_BARRIER	point130	130	16.0	45.7
						Caltrans_S206_BARRIER	point139	139	16.0	44.3
F-9	33	61.1	8.9	5	3.9	Caltrans_S206_BARRIER	point138	138	16.0	55.7
						Soundwall2	point119	119	8.0	55.7
						Caltrans_S206_BARRIER	point139	139	16.0	54.0
						Soundwall2	point122	122	8.0	53.2
						Soundwall2	point116	116	8.0	52.6
						Caltrans_S206_BARRIER	point137	137	16.0	52.4
						Soundwall2	point121	121	8.0	51.0
						Caltrans_S206_BARRIER	point140	140	16.0	50.1
						Soundwall2	point120	120	8.0	49.5
						Soundwall2	point118	118	8.0	47.2
F-10	34	61.8	5.0	5	-0.0	Caltrans_S206_BARRIER	point137	137	16.0	54.5
						Caltrans_S206_BARRIER	point135	135	16.0	50.9
						Caltrans_S206_BARRIER	point136	136	16.0	50.5

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point138	138	16.0	50.1
						Soundwall2	point116	116	8.0	50.0
						Caltrans_S206_BARRIER	point134	134	16.0	49.6
						Caltrans_S206_BARRIER	point133	133	16.0	49.1
						Caltrans_S206_BARRIER	point132	132	16.0	48.9
						Caltrans_S206_BARRIER	point140	140	16.0	48.2
						Caltrans_S206_BARRIER	point131	131	16.0	48.1
E-1	36	58.0	5.2	5	0.2	Caltrans_S206_BARRIER	point131	131	16.0	47.2
						Caltrans_S206_BARRIER	point132	132	16.0	46.5
						Caltrans_S206_BARRIER	point130	130	16.0	46.2
						Caltrans_S206_BARRIER	point133	133	16.0	45.2
						Caltrans_S206_BARRIER	point134	134	16.0	43.2
						Caltrans_S206_BARRIER	point128	128	16.0	43.0
						Caltrans_S206_BARRIER	point135	135	16.0	42.4
						Caltrans_S206_BARRIER	point129	129	16.0	42.1
						Caltrans_S206_BARRIER	point137	137	16.0	41.3
						Caltrans_S206_BARRIER	point138	138	16.0	40.1
E-2	37	58.0	5.3	5	0.3	Caltrans_S206_BARRIER	point131	131	16.0	46.8
						Caltrans_S206_BARRIER	point132	132	16.0	46.5
						Caltrans_S206_BARRIER	point130	130	16.0	46.0
						Caltrans_S206_BARRIER	point133	133	16.0	45.0
						Caltrans_S206_BARRIER	point128	128	16.0	43.3
						Caltrans_S206_BARRIER	point134	134	16.0	43.0
						Caltrans_S206_BARRIER	point129	129	16.0	42.3
						Caltrans_S206_BARRIER	point135	135	16.0	42.1
						Caltrans_S206_BARRIER	point138	138	16.0	41.7
						Caltrans_S206_BARRIER	point139	139	16.0	41.6
E-3	38	53.7	1.3	5	-3.7	Caltrans_S206_BARRIER	point131	131	16.0	38.0
						Caltrans_S206_BARRIER	point132	132	16.0	37.8
						Caltrans_S206_BARRIER	point130	130	16.0	37.4
						Caltrans_S206_BARRIER	point133	133	16.0	37.1
						Caltrans_S206_BARRIER	point128	128	16.0	36.9
						Caltrans_S206_BARRIER	point137	137	16.0	36.4
						Caltrans_S206_BARRIER	point135	135	16.0	36.2
						Caltrans_S206_BARRIER	point134	134	16.0	36.1
						Caltrans_S206_BARRIER	point129	129	16.0	34.8

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point136	136	16.0	34.5
E-4	39	56.0	1.8	5	-3.2	Caltrans_S206_BARRIER	point138	138	16.0	41.9
						Caltrans_S206_BARRIER	point142	142	16.0	41.3
						Caltrans_S206_BARRIER	point135	135	16.0	41.2
						Caltrans_S206_BARRIER	point137	137	16.0	40.9
						Caltrans_S206_BARRIER	point139	139	16.0	40.6
						Caltrans_S206_BARRIER	point140	140	16.0	40.6
						Caltrans_S206_BARRIER	point141	141	16.0	39.7
						Caltrans_S206_BARRIER	point136	136	16.0	39.2
						Caltrans_S206_BARRIER	point131	131	16.0	38.8
						Caltrans_S206_BARRIER	point132	132	16.0	38.5
E-5	40	58.2	5.1	5	0.1	Caltrans_S206_BARRIER	point132	132	16.0	46.7
						Caltrans_S206_BARRIER	point131	131	16.0	46.6
						Caltrans_S206_BARRIER	point133	133	16.0	45.7
						Caltrans_S206_BARRIER	point130	130	16.0	45.2
						Caltrans_S206_BARRIER	point134	134	16.0	43.9
						Caltrans_S206_BARRIER	point128	128	16.0	43.2
						Caltrans_S206_BARRIER	point135	135	16.0	43.1
						Caltrans_S206_BARRIER	point137	137	16.0	42.5
						Caltrans_S206_BARRIER	point129	129	16.0	41.8
						Caltrans_S206_BARRIER	point138	138	16.0	41.2
E-6	41	58.3	4.9	5	-0.1	Caltrans_S206_BARRIER	point132	132	16.0	46.7
						Caltrans_S206_BARRIER	point131	131	16.0	46.3
						Caltrans_S206_BARRIER	point133	133	16.0	45.9
						Caltrans_S206_BARRIER	point130	130	16.0	44.5
						Caltrans_S206_BARRIER	point134	134	16.0	44.3
						Caltrans_S206_BARRIER	point137	137	16.0	43.7
						Caltrans_S206_BARRIER	point135	135	16.0	43.4
						Caltrans_S206_BARRIER	point128	128	16.0	43.1
						Caltrans_S206_BARRIER	point129	129	16.0	41.1
						Caltrans_S206_BARRIER	point136	136	16.0	41.1
E-7	42	58.1	4.9	5	-0.1	Caltrans_S206_BARRIER	point132	132	16.0	46.5
						Caltrans_S206_BARRIER	point133	133	16.0	46.3
						Caltrans_S206_BARRIER	point131	131	16.0	45.7
						Caltrans_S206_BARRIER	point134	134	16.0	44.9
						Caltrans_S206_BARRIER	point130	130	16.0	43.9

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point135	135	16.0	43.5
						Caltrans_S206_BARRIER	point128	128	16.0	42.3
						Caltrans_S206_BARRIER	point137	137	16.0	42.0
						Caltrans_S206_BARRIER	point136	136	16.0	40.5
						Caltrans_S206_BARRIER	point129	129	16.0	40.3
E-8	43	53.6	5.2	5	0.2	Caltrans_S206_BARRIER	point135	135	16.0	44.0
						Caltrans_S206_BARRIER	point134	134	16.0	43.9
						Caltrans_S206_BARRIER	point133	133	16.0	43.2
						Caltrans_S206_BARRIER	point132	132	16.0	42.5
						Caltrans_S206_BARRIER	point140	140	16.0	41.7
						Caltrans_S206_BARRIER	point131	131	16.0	41.5
						Soundwall2	point124	124	8.0	41.3
						Caltrans_S206_BARRIER	point137	137	16.0	40.7
						Caltrans_S206_BARRIER	point139	139	16.0	40.4
						Soundwall2	point125	125	8.0	40.0
E-9	44	58.4	5.6	5	0.6	Caltrans_S206_BARRIER	point137	137	16.0	50.1
						Caltrans_S206_BARRIER	point135	135	16.0	49.6
						Caltrans_S206_BARRIER	point136	136	16.0	48.7
						Caltrans_S206_BARRIER	point138	138	16.0	48.4
						Caltrans_S206_BARRIER	point134	134	16.0	48.2
						Caltrans_S206_BARRIER	point133	133	16.0	46.9
						Caltrans_S206_BARRIER	point139	139	16.0	46.2
						Caltrans_S206_BARRIER	point132	132	16.0	45.1
						Soundwall2	point116	116	8.0	44.9
						Soundwall2	point119	119	8.0	43.8
E-10	45	58.7	5.2	5	0.2	Caltrans_S206_BARRIER	point137	137	16.0	50.5
						Caltrans_S206_BARRIER	point138	138	16.0	49.7
						Caltrans_S206_BARRIER	point135	135	16.0	49.2
						Caltrans_S206_BARRIER	point136	136	16.0	48.5
						Caltrans_S206_BARRIER	point134	134	16.0	47.8
						Soundwall2	point116	116	8.0	46.2
						Caltrans_S206_BARRIER	point133	133	16.0	46.2
						Caltrans_S206_BARRIER	point132	132	16.0	45.2
						Caltrans_S206_BARRIER	point139	139	16.0	45.0
						Soundwall2	point119	119	8.0	44.1
E-11	47	62.0	12.3	5	7.3	Soundwall2	point119	119	8.0	58.5

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point137	137	16.0	56.9
						Caltrans_S206_BARRIER	point138	138	16.0	56.0
						Soundwall2	point116	116	8.0	55.9
						Caltrans_S206_BARRIER	point139	139	16.0	54.2
						Soundwall2	point121	121	8.0	52.9
						Soundwall2	point120	120	8.0	51.2
						Caltrans_S206_BARRIER	point140	140	16.0	50.5
						Caltrans_S206_BARRIER	point136	136	16.0	47.0
						Caltrans_S206_BARRIER	point135	135	16.0	45.3
E-12	48	61.8	9.1	5	4.1	Caltrans_S206_BARRIER	point138	138	16.0	56.0
						Soundwall2	point119	119	8.0	55.8
						Caltrans_S206_BARRIER	point137	137	16.0	55.6
						Caltrans_S206_BARRIER	point139	139	16.0	54.1
						Soundwall2	point123	123	8.0	53.8
						Soundwall2	point122	122	8.0	53.5
						Soundwall2	point116	116	8.0	52.8
						Soundwall2	point121	121	8.0	50.6
						Caltrans_S206_BARRIER	point140	140	16.0	49.7
						Soundwall2	point120	120	8.0	49.4
F-1B	51	72.3	3.5	5	-1.5	Caltrans_S206_BARRIER	point130	130	16.0	56.5
						Caltrans_S206_BARRIER	point128	128	16.0	56.2
						Caltrans_S206_BARRIER	point129	129	16.0	54.4
						Caltrans_S206_BARRIER	point131	131	16.0	49.3
						Caltrans_S206_BARRIER	point132	132	16.0	45.5
						Caltrans_S206_BARRIER	point133	133	16.0	43.7
						Caltrans_S206_BARRIER	point134	134	16.0	41.8
						Caltrans_S206_BARRIER	point135	135	16.0	41.4
						Caltrans_S206_BARRIER	point137	137	16.0	40.2
						Caltrans_S206_BARRIER	point139	139	16.0	40.2
F-2B	52	73.5	6.1	5	1.1	Caltrans_S206_BARRIER	point130	130	16.0	60.8
						Caltrans_S206_BARRIER	point131	131	16.0	59.1
						Caltrans_S206_BARRIER	point128	128	16.0	58.4
						Caltrans_S206_BARRIER	point129	129	16.0	57.8
						Caltrans_S206_BARRIER	point132	132	16.0	48.1
						Caltrans_S206_BARRIER	point133	133	16.0	45.5
						Caltrans_S206_BARRIER	point134	134	16.0	43.0

RESULTS: BARRIER DESIGN
RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point135	135	16.0	42.3
						Caltrans_S206_BARRIER	point137	137	16.0	40.8
						Caltrans_S206_BARRIER	point136	136	16.0	39.5
F-3B	53	69.5	12.2	5	7.2	Caltrans_S206_BARRIER	point131	131	16.0	61.8
						Caltrans_S206_BARRIER	point132	132	16.0	61.3
						Caltrans_S206_BARRIER	point130	130	16.0	60.6
						Caltrans_S206_BARRIER	point133	133	16.0	59.2
						Caltrans_S206_BARRIER	point128	128	16.0	57.5
						Caltrans_S206_BARRIER	point134	134	16.0	56.2
						Caltrans_S206_BARRIER	point129	129	16.0	56.1
						Caltrans_S206_BARRIER	point135	135	16.0	55.1
						Caltrans_S206_BARRIER	point137	137	16.0	53.6
						Caltrans_S206_BARRIER	point136	136	16.0	52.3
F-4B	54	71.9	10.0	5	5.0	Caltrans_S206_BARRIER	point132	132	16.0	62.4
						Caltrans_S206_BARRIER	point131	131	16.0	61.6
						Caltrans_S206_BARRIER	point133	133	16.0	60.9
						Caltrans_S206_BARRIER	point130	130	16.0	58.8
						Caltrans_S206_BARRIER	point134	134	16.0	58.3
						Caltrans_S206_BARRIER	point135	135	16.0	56.7
						Caltrans_S206_BARRIER	point128	128	16.0	55.9
						Caltrans_S206_BARRIER	point137	137	16.0	54.7
						Caltrans_S206_BARRIER	point129	129	16.0	54.3
						Caltrans_S206_BARRIER	point136	136	16.0	53.7
F-5B	55	71.0	10.9	5	5.9	Caltrans_S206_BARRIER	point133	133	16.0	62.0
						Caltrans_S206_BARRIER	point132	132	16.0	61.7
						Caltrans_S206_BARRIER	point134	134	16.0	60.8
						Caltrans_S206_BARRIER	point131	131	16.0	59.7
						Caltrans_S206_BARRIER	point135	135	16.0	59.3
						Caltrans_S206_BARRIER	point130	130	16.0	57.1
						Caltrans_S206_BARRIER	point136	136	16.0	55.7
						Caltrans_S206_BARRIER	point128	128	16.0	54.4
						Caltrans_S206_BARRIER	point137	137	16.0	53.4
						Caltrans_S206_BARRIER	point129	129	16.0	52.2
F-6B	56	71.0	11.7	5	6.7	Caltrans_S206_BARRIER	point135	135	16.0	65.5
						Caltrans_S206_BARRIER	point134	134	16.0	64.8
						Caltrans_S206_BARRIER	point133	133	16.0	62.0

RESULTS: BARRIER DESIGN

RESIDENTIAL CARE FACILITY

						Caltrans_S206_BARRIER	point132	132	16.0	60.1
						Caltrans_S206_BARRIER	point131	131	16.0	58.0
						Caltrans_S206_BARRIER	point136	136	16.0	57.3
						Caltrans_S206_BARRIER	point130	130	16.0	54.7
						Caltrans_S206_BARRIER	point128	128	16.0	50.7
						Caltrans_S206_BARRIER	point137	137	16.0	47.9
						Caltrans_S206_BARRIER	point129	129	16.0	46.9
F-7B	57	72.3	11.8	5	6.8	Caltrans_S206_BARRIER	point136	136	16.0	66.4
						Caltrans_S206_BARRIER	point135	135	16.0	66.0
						Caltrans_S206_BARRIER	point137	137	16.0	64.5
						Caltrans_S206_BARRIER	point134	134	16.0	61.9
						Caltrans_S206_BARRIER	point133	133	16.0	59.3
						Caltrans_S206_BARRIER	point138	138	16.0	58.4
						Caltrans_S206_BARRIER	point132	132	16.0	58.0
						Caltrans_S206_BARRIER	point139	139	16.0	55.9
						Caltrans_S206_BARRIER	point131	131	16.0	55.8
						Caltrans_S206_BARRIER	point130	130	16.0	51.7
F-8B	58	72.0	11.5	5	6.5	Caltrans_S206_BARRIER	point137	137	16.0	68.4
						Caltrans_S206_BARRIER	point136	136	16.0	63.0
						Caltrans_S206_BARRIER	point138	138	16.0	62.7
						Caltrans_S206_BARRIER	point135	135	16.0	60.9
						Caltrans_S206_BARRIER	point139	139	16.0	59.0
						Caltrans_S206_BARRIER	point134	134	16.0	58.6
						Caltrans_S206_BARRIER	point133	133	16.0	56.4
						Caltrans_S206_BARRIER	point132	132	16.0	55.9
						Caltrans_S206_BARRIER	point140	140	16.0	54.0
						Caltrans_S206_BARRIER	point131	131	16.0	53.6
F-9B	59	66.0	6.1	5	1.1	Caltrans_S206_BARRIER	point138	138	16.0	63.7
						Soundwall2	point119	119	8.0	62.6
						Soundwall2	point116	116	8.0	59.9
						Caltrans_S206_BARRIER	point137	137	16.0	58.3
						Caltrans_S206_BARRIER	point139	139	16.0	56.9
						Soundwall2	point118	118	8.0	55.5
						Soundwall2	point122	122	8.0	53.9
						Soundwall2	point121	121	8.0	52.4
						Caltrans_S206_BARRIER	point140	140	16.0	51.4

RESULTS: BARRIER DESIGN**RESIDENTIAL CARE FACILITY**

						Soundwall2	point120	120	8.0	51.1
F-10B	60	62.6	5.0	5	-0.0	Caltrans_S206_BARRIER	point137	137	16.0	55.2
						Caltrans_S206_BARRIER	point135	135	16.0	51.9
						Caltrans_S206_BARRIER	point136	136	16.0	51.3
						Caltrans_S206_BARRIER	point134	134	16.0	50.6
						Soundwall2	point116	116	8.0	50.5
						Caltrans_S206_BARRIER	point138	138	16.0	50.5
						Caltrans_S206_BARRIER	point132	132	16.0	49.9
						Caltrans_S206_BARRIER	point133	133	16.0	49.8
						Caltrans_S206_BARRIER	point139	139	16.0	49.1
						Caltrans_S206_BARRIER	point131	131	16.0	49.0
Total Cost, All Barriers (including additional cost(s))					\$0					

ATTACHMENT E
Construction Modeling Input and Output Data

Roadway Construction Noise Model (RCNM), Version 1.1

Report date 3/6/2017

Case Description:

---- Receptor #1 ----

Description	Land Use	Baselines (dBA)		
		Daytime	Evening	Night
Residential	Residential	50	50	50

Description	Impact	Device	Equipment				
			Spec	Actual	Receptor	Estimated	
			Lmax	Lmax	Distance	Shielding	(feet)
Grader	No		40	85	50	0	
Backhoe	No		40	80	50	0	
Dozer	No		40	85	50	0	
Dump Truck	No		40	84	50	0	
Front End Loader	No		40	80	50	0	

Equipment	Results											
	Calculated (dBA)			Noise Limits (dBA)			Noise Limit Exceedance (dBA)					
	*Lmax	Leq	Lmax	Day	Evening	Night	Day	Leq	Lmax	Leq	Lmax	Leq
Grader	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Backhoe	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	85	81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dump Truck	84	80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	80	76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85	86.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

No.	Coordinates				Height m	Level w/o NP		Level w. NP		Difference	
	Receiver in meters	X	Y	Building UTM 11 N side		Floor	Leq1 dB(A)	Lmax	Leq1 dB(A)	Lmax	Leq1 dB(A)
1	1	476279	3650088		1.FI	1.5	77	104	69	95	-8
2	2	476244	3650088		1.FI	1.5	78	104	71	94	-7
3	3	476224	3650074		1.FI	1.5	78	102	71	93	-7
4	4	476223	3650046		1.FI	1.5	78	103	69	93	-9
5	5	476222	3650014		1.FI	1.5	78	102	68	91	-10
6	6	476221	3649962		1.FI	1.5	78	102	68	92	-10
7	7	476219	3649916		1.FI	1.5	76	103	67	94	-9
8	8	476201	3649912		1.FI	1.5	77	105	68	98	-10
9	9	476240	3650136		1.FI	1.5	73	91	73	91	0
10	10	476193	3650141		1.FI	1.5	71	89	71	89	0

Source na Reference	Level		Corrections		
	Leq1 dB(A)	Lmax dB(A)	Kwall dB(A)	CI dB(A)	CT dB(A)
1 Unit	118	121.9	-	-	-