

Appendix 5.2-1 Noise Analysis

Appendices

This page intentionally left blank.

LOCAL REGULATIONS

Article 9.5: Noise Abatement and Control
*(“Noise Abatement and Control”
added 9–18–1973 by O–11122 N.S.)*

Division 1: General
(“General” added 9–18–1973 by O–11122 N.S.)

§59.5.0101 Purpose and Intent

The Council of The City of San Diego finds and declares that:

- (a) Inadequately controlled noise presents a growing danger to the health and welfare of the residents of the City of San Diego;
- (b) The making and creating of disturbing, excessive, or offensive noises within the jurisdictional limits of the City of San Diego is a condition which has persisted, and the level and frequency of occurrences of such noises continue to increase;
- (c) The making, creation, or continuance of such excessive noises, which are prolonged or unusual in their time, place, and use, affect and are a detriment to the public health, comfort, convenience, safety, welfare, and prosperity of the residents of the City of San Diego;
- (d) Every person is entitled to an environment in which the noise is not detrimental to his or her life, health, or enjoyment of property; and
- (e) The necessity, in the public interest, for the provisions and prohibitions hereinafter contained and enacted is declared to be a matter of legislative determination and public policy, and it is further declared that the provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the purpose of securing and promoting the public health, comfort, convenience, safety, welfare, prosperity, peace, and quiet of the City of San Diego and its inhabitants.

(Amended 9–22–1976 by O–11916 N.S.)

§59.5.0102 Definitions

Whenever the following words and phrases are used in this article, they shall have the meaning ascribed to them in this section:

- (a) Average Sound Level — a sound level typical of the sound levels at a certain place during a given period of time, averaged by the general rule of combination for sound levels, said general rule being set forth in American National Standard Specifications for Sound Level Meters Sl. 4–1971. Average sound level is also called equivalent continuous sound level.
- (b) Community Noise Equivalent Level — an average sound level during a 24-hour day, obtained after addition of five (5) decibels to sound levels in the evening from 7:00 p.m. to 10:00 p.m., and after addition of ten (10) decibels to sound levels in the night before 7:00 a.m. and after 10:00 p.m.
- (c) Construction Equipment — any tools, machinery, or equipment used in connection with construction operations, including all types of “special construction” equipment as defined in the pertinent sections of the California Vehicle Code when used in the construction process on any construction site, regardless of whether such construction site be located on-highway or off-highway.
- (d) Decibel (dB) — a unit measure of sound (noise) level.
- (e) Emergency Work — work made necessary to restore property to a safe condition following a public calamity, or work required to protect persons or property from imminent exposure to danger of damage, or work by public or private utilities when restoring utility service.
- (f) Motor Vehicles — any and all self-propelled vehicles as defined in the California Vehicle Code, specifically including but not limited to “mini-bikes” and “go-carts.”
- (g) Noise Level — the same as “sound level.” The terms may be used interchangeably herein.
- (h) Person — a person, firm, association, copartnership, joint venture, corporation, or any entity, public or private.
- (i) Sound Level — in decibels, that quantity measured with a sound level meter as defined herein, by use of the “A” frequency weighting and “fast” time averaging unless some other time averaging is specified.
- (j) Sound Level Meter — an instrument for the measurement of sound, including a microphone, an amplifier, an attenuator, networks at least for the standardized frequency weighting A, and an indicating instrument having at

least the standardized dynamic characteristic “fast,” as specified in American National Standard Specifications for Sound Level Meters Sl. 4–1971 or its successor.

- (k) Sound Amplifying Equipment — equipment as specified in Section 33.0203b of the San Diego Municipal Code.
- (l) Disturbing, Excessive or Offensive Noise — any sound or noise conflicting with the criteria or levels set forth in this article.
- (m) Supplementary Definitions of Technical Terms — definitions of technical terms not defined herein shall be obtained from American National Standard Acoustical Terminology, Sl.1–1960 (R– 1976).

(Amended 9–22–1976 by O–11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 2: Administration

(“Administration” added 9-18-1973 by O-11122 N.S.)

§59.5.0201 Establishment of Noise Abatement and Control Administrator

There is hereby established within the Neighborhood Code Compliance Department of The City of San Diego the function of Noise Abatement and Control Administration which shall be administered by the Director of the Neighborhood Code Compliance Department (hereinafter referred to as the “Administrator”).
(Amended 7-25-1994 by O-18088 N.S.)

§59.5.0202 Duties and Responsibilities of the Noise Abatement Administrator

- (a) The Administrator and his staff have the responsibility of regulating and controlling the emission of all excessive or offensive noises within the City of San Diego and shall take such action, subject to the provisions of this article, as is reasonable and necessary to abate noise. The Administrator shall coordinate the activities of all City departments relating to noise control and reduction in those activities carried out by the various departments, including the Environmental Impact Report review process relating to noise pollution. The Administrator may exercise or delegate any of the functions, powers and duties vested in his office or in the administration of his office.
- (b) The Administrator is expressly charged:
 - (1) To make any necessary investigations, inspections, or studies which, in his opinion, are necessary for the purpose of enforcing the provisions of this article or controlling or abating a disturbing, excessive or offensive noise. Information derived from noise studies shall be made available to the public upon request.
 - (2) To institute necessary proceedings to prosecute violations of this article and to compel the prevention and abatement of disturbing, excessive, or offensive noise, and as further set forth in Division 6 of this article.
 - (3) To allow exceptions to the requirements of this article, subject to conditions, when practical difficulties or unnecessary hardship involved in carrying out this article exist, if the exception will not be contrary to the purpose and intent of this article or detrimental to the public health, safety, and general welfare of the citizens of the City of San Diego.

- 4) To do any and all other acts which may be necessary for the successful prosecution of the purposes of this article and such other acts as may be specifically enumerated herein as duties.

(“Duties and Responsibilities of the Administrator Noise Abatement” retitled and amended 11-18-1997 by O-18439 N.S.)

(Retitled to “Duties and Responsibilities of the Noise Abatement Administrator“ and amended 6-18-2013 by O-20261 N.S.; effective 7-19-2013.)

§59.5.0205 Inspection by Administrator

- (a) The Administrator may inspect, at any reasonable time and in a reasonable manner, any device or mechanism (1) which is intended to, or which actually does produce sound and (2) which creates or may create any disturbing noise, including, but not limited to, the premises where such device or mechanism is used.

- (b) If entry to premises is denied or refused, the Administrator shall obtain an inspection warrant from a court of a competent jurisdiction.

(Amended 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 3: Noise Abatement Contract Compliance
*(“Noise Abatement Contract Compliance”
added 9–18–1973 by O–11122 N.S.)*

§59.5.0301 Contract Provisions

(a) Contract

As used in this section, the term “contract” shall mean any written agreement or legal instrument whereby The City of San Diego is committed to expend, or does expend, public funds in consideration for work, labor, services, equipment, or any combination of the foregoing, except that the term “contract” shall not include:

- (1) Contracts for financial or other assistance entered into by The City of San Diego with any federal, state or other local governmental entity or agency.
- (2) Contracts, resolutions, indentures, declarations of trust, or other legal instruments authorizing or relating to (a) the purchase of insurance, (b) the authorization, issuance, award and sale of bonds, and (c) certificates of indebtedness, notes, or other fiscal obligations of the City.

(b) Contract Provisions

No contract shall be awarded or entered into by The City of San Diego unless such contract contains provisions requiring that:

Devices and activities which will be operated, conducted, or constructed pursuant to the contract and which are subject to the provisions of this Code, will be operated, conducted, or constructed without causing a violation of this article.

(c) Regulations

The Administrator may, from time to time, recommend to the City’s Purchasing Agent and/or other City departments such specifications for the operation or construction of devices and activities pursuant to City contracts.

The Administrator shall make the recommendations necessary to achieve compliance with the provisions of this section.

- (d) No person shall cause or permit the operations of a device or conducting of an activity in such a way as to violate any provisions of a contract required by this action.
- (e) The provisions of this section shall not apply to those contracts awarded prior to three (3) months from the effective date (October 19, 1973) of this article.
(Amended 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 4: Limits

*(“Noise Level Limits, Standards and Control”
added 9–18–1973 by O–11122 N.S.)*

(Retitled to “Limits” on 9–22–1976 by O–11916 N.S.)

§59.5.0401 Sound Level Limits

- (a) It shall be unlawful for any person to cause noise by any means to the extent that the one-hour average sound level exceeds the applicable limit given in the following table, at any location in the City of San Diego on or beyond the boundaries of the property on which the noise is produced. The noise subject to these limits is that part of the total noise at the specified location that is due solely to the action of said person.

TABLE OF APPLICABLE LIMITS

Land Use	Time of Day	One-Hour Average Sound Level (decibels)
1. Single Family Residential	7 a.m. to 7 p.m.	50
	7 p.m. to 10 p.m.	45
	10 p.m. to 7 a.m.	40
2. Multi-Family Residential (Up to a maximum density of 1/2000)	7 a.m. to 7 p.m.	55
	7 p.m. to 10 p.m.	50
	10 p.m. to 7 a.m.	45
3. All other Residential	7 a.m. to 7 p.m.	60
	7 p.m. to 10 p.m.	55
	10 p.m. to 7 a.m.	50
4. Commercial	7 a.m. to 7 p.m.	65
	7 p.m. to 10 p.m.	60
	10 p.m. to 7 a.m.	60
5. Industrial or Agricultural	any time	75

- (b) 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. Permissible construction noise level limits shall be governed by Sections 59.5.0404 of this article.

- (c) 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 Part A. of this section, measured at or beyond six feet from the boundary of the easement upon which the equipment is located.
- (d) This section does not apply to firework displays authorized by permit from the Fire Department.
- (e) This section does not apply to noise generated by helicopters at heliports or helistops authorized by a conditional use permit, nor to any roller coaster operated on City-owned parkland.

(Amended 9-11-1989 by O-17337 N.S.)

(Amended 11-28-2005 by O-19446 N.S.; effective 2-9-2006.)

§59.5.0402 Motor Vehicles

- (a) Off-Highway
 - (1) Except as otherwise provided for in this article, it shall be unlawful to operate any motor vehicle of any type on any site, other than on a public street or highway as defined in the California Vehicle Code, in any manner so as to cause noise in excess of those noise levels permitted for on-highway motor vehicles as specified in the table for “45 mile-per-hour or less speed limits” contained in Section 23130 of the California Vehicle Code, and as corrected for distances set forth in subsection A.2. below.
 - (2) Corrections

The maximum noise level as the off-highway vehicle passes may be measured at a distance of other than fifty (50) feet from the center line of travel, provided the measurement is further adjusted by adding algebraically the applicable correction as follows:

Distance (Feet)	Correction (decibels)
25	-6
28	-5
32	-4
35	-3
40	-2
45	-1
50 (preferred distance)	0
56	+1
63	+2
70	+3
80	+4
90	+5
100	+6

- (3) A measured noise level thus corrected shall be deemed in violation of this section if it exceeds the applicable noise-level limit as specified above.
- (b) Nothing in this section shall apply to authorized emergency vehicles when being used in emergency situations, including the blowing of sirens and/or horns.
(“Motor Vehicles” renumbered from Sec. 59.5.0403 on 9-22-1976 by O-11916 N.S.)

§59.5.0403 Watercraft

Violations for excessive noise of watercraft operating in waters under the jurisdiction of The City of San Diego shall be prosecuted under applicable provisions of the California Harbors and Navigation Code. Permits issued by The City of San Diego for the operation of watercraft not in compliance with noise criteria of the Harbors and Navigation Code shall be reviewed and approved by the Administrator prior to issuance.

(“Watercraft” renumbered from Sec. 59.5.0407 and amended 9-22-1976 by O-11916 N.S.)

§59.5.0404 Construction Noise

- (a) It shall be unlawful for any person, between the hours of 7:00 p.m. of any day and 7:00 a.m. of the following day, or on legal holidays as specified in Section 21.0104 of the San Diego Municipal Code, with exception of Columbus Day and Washington’s Birthday, or on Sundays, to erect, construct, demolish, excavate for, alter or repair any building or structure in such a manner as to create disturbing, excessive or offensive noise unless a permit has been applied for and granted beforehand by the Noise Abatement and Control Administrator. In granting such permit, the Administrator shall consider whether the construction noise in the vicinity of the proposed work site would be less objectionable at night than during the daytime because of different population densities or different neighboring activities; whether obstruction and interference with traffic particularly on streets of major importance, would be less objectionable at night than during the daytime; whether the type of work to be performed emits noises at such a low level as to not cause significant disturbances in the vicinity of the work site; the character and nature of the neighborhood of the proposed work site; whether great economic hardship would occur if the work were spread over a longer time; whether proposed night work is in the general public interest; and he shall prescribe such conditions, working times, types of construction equipment to be used, and permissible noise levels as he deems to be required in the public interest.
- (b) Except as provided in subsection C. hereof, it shall be unlawful for any person, including The City of San Diego, to conduct any construction activity so as to cause, at or beyond the property lines of any property zoned residential, an average sound level greater than 75 decibels during the 12-hour period from 7:00 a.m. to 7:00 p.m.
- (c) The provisions of subsection B. of this section shall not apply to construction equipment used in connection with emergency work, provided the Administrator is notified within 48 hours after commencement of work.

(Amended 1-3-1984 by O-16100 N.S.)

(Amended 8-9-2019 by O-21114 N.S.; effective 9-8-2019.)

[Editors Note: Amendments as adopted by O-21114 N.S. will not apply within the Coastal Overlay Zone until the California Coastal Commission certifies it as a Local Coastal Program Amendment.

Click the link to view the Strikeout Ordinance highlighting changes to prior language http://docs.sandiego.gov/municode_strikeout_ord/O-21114-SO.pdf]

§59.5.0406 Refuse Vehicles and Parking Lot Sweepers

No person shall operate or permit to be operated a refuse compacting, processing, or collection vehicle between the hours of 7:00 p.m. to 6:00 a.m. or a parking lot sweeper between the hours of 7:00 p.m. to 7:00 a.m. in any residential area unless a permit has been applied for and granted by the Administrator.

(“Refuse Vehicles” added 9-18-1973 by O-11122 N.S.; amended 9-22-1976 by O-11916 N.S.)

(Amended 6-9-2010 by O-19960 N.S.; effective 7-9-2010.)

Article 9.5: Noise Abatement and Control

Division 5: Public Nuisance Noise
*(“General Noise Regulations”
added 9-18-1973 by O-11122 N.S.)
(Retitled to “Public Nuisance Noise”
on 9-22-1976 by O-11916 N.S.)*

§59.5.0501 General Prohibitions

- (a) It shall be unlawful for any person to make, continue, or cause to be made or continued, within the limits of said City, any disturbing, excessive, or offensive noise which causes discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area.
- (b) The characteristics and conditions which should be considered in determining whether a violation of the provisions of this section exists should include, but not be limited to the following:
 - (1) The level of the noise;
 - (2) Whether the nature of the noise is usual or unusual;
 - (3) Whether the origin of the noise is natural or unnatural;
 - (4) The level of the ambient noise;
 - (5) The proximity of the noise to sleeping facilities;
 - (6) The nature and zoning of the area from which the noise emanates and the area where it is received;
 - (7) The time of day or night the noise occurs;
 - (8) The duration of the noise; and
 - (9) Whether the noise is recurrent, intermittent, or constant.

(Amended 1-3-1984 by O-16100 N.S.)

§59.5.0502 Disturbing, Excessive, Offensive Noises — Declaration of Certain Acts Constituting

The following activities, among others, are declared to cause disturbing, excessive or offensive noises in violation of this section and are unlawful, namely:

- (a) Horns, Signaling Devices, etc.

Unnecessary use or operation of horns, signaling devices, or other similar devices, on automobiles, motorcycles, or any other vehicle.

- (b) Radios, Television Sets, Phonographs, Loud Speaking Amplifiers and Similar Devices.

- (1) Uses Restricted

The use or operation of any sound production or reproduction device, radio receiving set, musical instrument, drums, phonograph, television set, loud speakers and sound amplifier or other similar machine or device for the producing or reproducing of sound in such a manner as to disturb the peace, quiet, or comfort of any reasonable person of normal sensitivity in any area of the City is prohibited. This provision shall not apply to any participant in a licensed parade, or to any person who has been otherwise duly authorized by The City of San Diego to engage in such conduct.

- (2) Prima Facie Violations

Any of the following shall constitute evidence of a prima facie violation of this section:

- (A) The operation of any such sound production or reproduction device, radio receiving set, musical instrument, drum, phonograph, television set, machine, loud speaker and sound amplifier or similar machine or device between the hours of 10:00 p.m. and 8:00 a.m. in such a manner as to be plainly audible at a distance of fifty feet from the building, structure, or vehicle in which it is located.
- (B) The operation of any sound amplifier, which is part of, or connected to, any radio, stereo receiver, compact disc player, cassette tape player, or other similar device when operated in

such a manner as to be plainly audible at a distance of fifty (50) feet and when operated in such a manner as to cause a person to be aware of vibration accompanying the sound at a distance of fifty (50) feet from the source.

(3) Enforcement of Prima Facie Violations

(A) Any person who is authorized to enforce the provisions of this Article and who encounters evidence of a prima facie violation of this section is empowered to confiscate and impound as evidence, any or all of the components amplifying or transmitting the sound.

(B) Any peace officer, as defined in Chapter 4.5 (commencing with Section 830) of the Penal Code, who encounters evidence of a prima facie violation of this section whereby the component(s) amplifying or transmitting the sound are attached to a vehicle may, in accordance with the provisions of California Vehicle Code section 22655.5, impound the vehicle, as containing evidence of a criminal offense, when the amplifying and/or transmitting component(s) cannot be readily removed from the vehicle without damaging the component(s) or vehicle.

(c) Animals

(1) The keeping or maintenance, or the permitting to be kept or maintained upon any premises owned, occupied, or controlled by any person of any animal or animals which by any frequent or long-continued noise, shall cause annoyance or discomfort to a reasonable person of normal sensitiveness in the vicinity.

(2) The noise from any such animal or animals that disturbs two or more residents residing in separate residences adjacent to any part of the property on which the subject animal or animals are kept or maintained, or three or more residents residing in separate residences in close proximity to the property on which the subject animal or animals are kept or maintained shall be prima facie evidence of a violation of this section.

- (d) Hospitals, Schools, Libraries, Rest Homes, Long-Term Medical or Mental Care Facilities

To make noise adjacent to a hospital, school, library, rest home, or long-term medical or mental care facility, which noise unreasonably interferes with the workings of such institutions or which disturbs or unduly annoys occupants in said institutions.

- (e) Playing of Radios on Buses and Trolleys

The operation of any radio, phonograph, or tape player on an urban transit bus or trolley so as to emit noise that is audible to any other person in the vehicle is prohibited.

- (f) Playing of Radios, Phonographs, and Other Sound Production or Reproduction Devices in Public Parks and Beach Areas and Public Parking Lots and Streets Adjacent Thereto.

The operation of any radio, phonograph, television set, or any other sound production or reproduction device in any public park or on any public beach or any public parking lot or street adjacent to such park or beach, without the prior written approval of the City Manager or the Administrator, in such a manner that such radio, phonograph, television set or sound production or reproduction device emits a sound level exceeding those found in the following table at any point ten (10) feet or more from the noise source is prohibited:

TABLE OF APPLICABLE LIMITS

Time of Day.....	Sound Level Limit
7 a.m. to 7 p.m.	65 decibels
7:01 p.m. to 6:59 a.m.	55 decibels

- (g) Leaf Blowers

- (1) A “leaf blower” means any portable, hand-held or back pack, engine powered device with a nozzle that creates a directable airstream which is capable of and intended for moving leaves and light materials.
- (2) No person shall operate a leaf blower in any residential zoned area between the hours of 7 p.m. and 8 a.m. on weekdays and 5 p.m. and 9

a.m. on weekends or on legal holidays specified in section 21.04 of this Code.

- (3) After October 9, 1991 and through June 30, 1993, no person may operate any leaf blower at a sound level in excess of 70 decibels measured at a distance of 50 feet or greater from the point of noise origin. Beginning on July 1, 1993, no person may operate any leaf blower at a sound level in excess of 65 decibels measured at a distance of 50 feet or greater from the point of noise origin.
- (4) Beginning on July 1, 1993, leaf blowers shall be equipped with functional mufflers and an approved sound limiting device required to ensure that the leaf blower is not capable of generating a sound level exceeding any limit prescribed in this section.
- (5) All litter and debris generated by leaf blower operation shall be cleaned up and disposed of in accordance with Chapter 9, Article 4, of this Code.

(Amended 9-9-1991 by O-17676 N.S.)

§59.5.0503 Burglar Alarms

- (a) Audible burglar alarms for structures or motor vehicles are prohibited unless the operation of such burglar alarms can be terminated within 20 minutes of being activated.
- (b) Notwithstanding the requirements of this provision, any member of the Police Department of The City of San Diego shall have the right to take such steps as may be reasonable and necessary to disconnect any such alarm installed in any building, dwelling, or motor vehicle at any time during the period of its activation. On or after thirty (30) days from the effective date of this article, any building, dwelling or motor vehicle upon which a burglar alarm has been installed shall prominently display the telephone number at which communication may be made with the owner of such building, dwelling, or motor vehicle.

(Amended 1-3-1984 by O-16100 N.S.)

Article 9.5: Noise Abatement and Control

Division 6: Violations And Enforcement

*(“Violations And Enforcement”
added 9-18-1973 by O-11122 N.S.)*

§59.5.0601 Violations: Misdemeanors

Any person violating any of the provisions of this article shall be deemed guilty of a misdemeanor and upon conviction thereof shall be fined in an amount not exceeding one thousand dollars (\$1000.00) or be imprisoned in the City or County jail for a period not exceeding six (6) months, or by both such fine and imprisonment. Each day such violation is committed or permitted to continue shall constitute a separate offense and shall be punishable as such.

Notwithstanding the above described penalties, following the conviction of a defendant for any prima facie violations of this article, the prosecutor may bring a motion requesting the court to order the destruction of any or all of the components amplifying or transmitting the sound.

(Amended 10-30-1989 by O-17380 N.S.)

§59.5.0602 Violations: Additional Remedies: Injunctions

As an additional remedy, the operation or maintenance of any activity, device, instrument, vehicle or machinery in violation of any provision of this article, which operation or maintenance causes discomfort or annoyance to reasonable persons of normal sensitiveness or which endangers the comfort, repose, health, or peace of residents in the area, shall be deemed, and is declared to be, a public nuisance, and may be subject to abatement summarily by a restraining order or injunction issued by a court of competent jurisdiction.

(Amended 9-22-1976 by O-11916 N.S.)

§59.5.0604 Manner of Enforcement

Violations of this article shall be prosecuted in the same manner as other misdemeanor violations of the San Diego Municipal Code; however, nothing in this article shall prevent the Administrator, in his enforcement of the provisions of this article for which he is responsible, from making efforts to obtain voluntary compliance by way of warning, notice, or educational means.

(“Manner of Enforcement” added 9-18-1973 by O-11122 N.S.)

§59.5.0605 Display of Permits and Other Notices

Any permit or certificate required herein shall be displayed or maintained on the premises designated on the permit.

(“Display of Permits and Other Notices” added 9-18-1973 by O-11122 N.S.)

§59.5.0606 False and Misleading Statement: Unlawful Reproduction or Alteration of Documents

(a) No person shall knowingly make a false or misleading statement or submit a false or misleading document to the Administrator as to any matter within his jurisdiction.

(b) No person shall make, reproduce, alter, or cause to be made, reproduced, or altered, a permit, certificate, or other document issued by the Administrator or required by this article.

(Amended 9-22-1976 by O-11916 N.S.)

§59.5.0607 Severability

If any provision, clause, sentence, or paragraph of this article or the application thereof to any person or circumstances shall be held invalid, such invalidity shall not affect the other provisions or applications of the provisions of this article which can be given effect without the invalid provision or application, and to this end the provisions of this article are hereby declared to be severable.

(“Severability” added 9-22-1976 by O-11916 N.S.)

Article 9.5: Noise Abatement and Control

Division 8: Sound Trucks — Loud Speakers — Sound Amplifiers

*(“Sound Trucks — Loud Speakers — Sound Amplifiers”
added 2–23–1987 by O–16813 N.S.)*

§59.5.0801 Sound Trucks — Loud Speakers — Sound Amplifiers Defined

- (a) “Sound Truck” — shall mean any motor vehicle, or any other vehicle regardless of motive power, whether in motion or stationary, having mounted thereon or attached thereto, any sound amplifying equipment.
- (b) “Sound Amplifying Equipment” — the words, “sound amplifying equipment” as used herein shall mean any machine or device for the amplification of the human voice, music or any other sound. “Sound amplifying equipment” as used herein shall not be construed as including standard automobile radios when used and heard only by occupants of the vehicle in which installed or warning devices on authorized emergency vehicles or horns or other warning devices on other vehicles used only for traffic safety purposes.

(“Sound Trucks — Loud Speakers — Sound Amplifiers Defined” added 2–23–1987 by O–16813 N.S.)

§59.5.0802 Noncommercial Use of Sound Trucks — Registration Required

It shall be unlawful for any person to use or cause to be used a sound truck with its sound amplifying equipment in operation for noncommercial purposes in the City of San Diego before filing a registration statement with the Director of the Communications Division of the General Services Department. This registration statement shall be filed in duplicate and shall state the following:

- (a) Name and home address of the applicant;
- (b) Address of place of business of applicant;
- (c) License number and body style, make and year of the sound truck to be used by applicant;
- (d) Name and address of person who owns the sound truck;
- (e) Name and address of person having direct charge of the sound truck;

- (f) Names and addresses of all persons who will use or operate the sound truck;
- (g) The purpose for which the sound truck will be used;
- (h) A general statement as to the section or sections of the City in which the sound truck will be used;
- (i) The proposed hours of operation of the sound truck;
- (j) The number of days of proposed operation of the sound truck;
- (k) A general description of the sound amplifier and of each accessory unit to be used with it.

(“Noncommercial Use of Sound Trucks — Registration Required” added 2–23–1987 by O–16813 N.S.)

§59.5.0803 Endorsement of Registration Statement of Noncommercial Sound Trucks

All persons using or causing to be used sound trucks for noncommercial purposes shall submit their sound trucks together with the sound amplifying and sound reproducing equipment which they intend to use to an inspection to be given by or under the direction of the Director of the Communication Division of the General Services Department of the City of San Diego. The Deputy Director shall test said equipment in the course of his inspection and shall endorse the original registration statement of the person applying for a permit, together with the copies of said statement, if said equipment may be calibrated and/or controlled so as to comply with the regulations provided in this Division. Said endorsement shall designate the calibration or points at which the controls of the sound amplifying and reproducing equipment may be set in order to maintain the maximum sound level permissible under the regulatory provisions of this Division.

(“Endorsement of Registration Statement of Noncommercial Sound Trucks” added 2–23–1987 by O–16813 N.S.)

§59.5.0804 Registration Statement Amendment

Any person using, or causing to be used, sound trucks for noncommercial purposes shall amend any registration statement filed pursuant to Section 59.5.0802 within forty-eight (48) hours after any change in the information therein furnished.

(“Registration Statement Amendment” added 2–23–1987 by O–16813 N.S.)

§59.5.0805 Registration and Identification

The Director of the Communications Division of the General Services Department shall return to each applicant under Section 59.5.0802 one copy of said registration statement duly certified by the Director of the Communications Division of the General Services Department as a correct copy of said application. Said certified copy of the application, as endorsed, shall be in the possession of any person operating the sound truck at all times while the sound truck's sound amplifying equipment is in operation and said copy shall be promptly displayed and shown to any officer of the City of San Diego, upon request.

("Registration and Identification" added 2-23-1987 by O-16813 N.S.)

§59.5.0806 Regulations for Use

Noncommercial use of sound trucks in the City of San Diego with sound amplifying equipment in operation shall be subject to the following regulations:

- (a) The only sounds permitted are music or human speech.
- (b) Operations are permitted between the hours of 8:00 a.m. and 9:00 p.m. at and during public events and affairs of interest to the general public.
- (c) Sound amplifying equipment shall not be operated unless the sound truck upon which such equipment is mounted is operated at a speed of at least ten (10) miles per hour except when said truck is stopped or impeded by traffic. Where stopped by traffic the said sound amplifying equipment shall not be operated for longer than one minute at each stop.
- (d) Sound shall not be issued within one hundred (100) yards of hospitals, schools, churches, or courthouses.
- (e) No sound truck with its amplifying device in operation shall be operated within the Central Traffic District of the City of San Diego as said Central Traffic District is defined in Chapter 8.
- (f) The human speech and music amplified shall not be obscene, lewd, indecent or slanderous.
- (g) The volume of sound shall be controlled so that said volume is not unreasonably loud, raucous, jarring, disturbing or a nuisance to persons within the area of audibility and so that the volume of sound shall not exceed an "A"

weighted sound level of 65 decibels on the “slow” scale at a distance of 50 feet from the sound amplifying equipment as measured by a sound level meter which meets “American National Standard” ANSI S1.4–1983 or its successor.

- (h) No sound amplifying equipment shall be operated unless the axis of the center of any sound reproducing equipment used shall be parallel to the direction of travel of the sound truck; provided, however, that any sound reproducing equipment may be so placed upon said sound truck as to not vary more than 15 (degrees) either side of the axis of the center of the direction of travel.
- (i) No sound truck with its amplifying device in operation shall be driven on the same street past the same point more than twice in a period of one hour.
- (j) It shall be unlawful to operate a noncommercial sound truck in violation of these regulations.

(“Regulations for Use” added 2–23–1987 by O–16813 N.S.)

§59.5.0807 Commercial Use Sound Truck Regulated — License Required

It shall be unlawful for any person to operate or cause to be operated any sound truck in the City of San Diego for commercial advertising purposes with sound amplifying equipment in operation unless an application has been made to the Director of the Communications Division of the General Services Department and said application has been approved and endorsed. The Director shall inspect and test said sound truck together with its sound amplifying and sound reproducing equipment to operate and conform to the regulatory provisions provided in Section 59.5.0806.

Said sound trucks shall be inspected on an annual basis to insure that their operation remains in conformity to the regulatory provisions contained in Section 59.5.0806. In the event said sound truck is found in violation of any regulatory provision contained in Section 59.5.0806, said violation shall be cause for revocation of such license.

(“Commercial Use Sound Truck Regulated — License Required” added 2–23–1987 by O–16813 N.S.)

§59.5.0808 Application for License

Persons applying for the license required under Section 59.5.0807, shall file with the Director of the Communications Division of the General Services Department an application in writing, giving in said application the information required in the registration statement required in Section 59.5.0802 and deposit the fee prescribed therefor in the City Composite Rate Schedule.

(“Application for License” added 2–23–1987 by O–16813 N.S.)

§59.5.0809 Issuance of License

A license shall be issued under Section 59.5.0807 upon payment of the required permit fee, unless the application required in Section 59.5.0808 hereof has been denied by the Director of the Communications Division of the General Services Department as indicated by writing or stamping with his signature “DENIED” on a copy of the license application.

(“Issuance of License” added 2-23-1987 by O-16813 N.S.)

§59.5.0810 Possession and Display of License

A licensee shall keep such license in his possession in the sound truck during the time the sound truck’s sound amplifying equipment is in operation. The license shall be promptly displayed and shown to any officer of the City of San Diego, upon request.

(“Possession and Display of License” added 2-23-1987 by O-16813 N.S.)

§59.5.0811 Regulations for Use

It shall be unlawful for any person to operate or cause to be operated any sound truck for commercial sound advertising purposes in violation of the regulations set forth in Section 59.5.0806.

(“Regulations for Use” added 2-23-1987 by O-16813 N.S.)

CONSTRUCTION NOISE MODELING

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 04/20/2021
 Case Description: Bldg Constr

**** Receptor #1 ****

Description	Land Use	Daytime	Baselines (dBA)	
			Evening	Night
Bldg Constr	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	50.0	0.0
Tractor	No	40	84.0		50.0	0.0
Tractor	No	40	84.0		50.0	0.0

Results

Noise Limit Exceedance (dBA)

Noise Limits (dBA)

Night	Calculated (dBA)				Day		Evening		Lmax
	Day	Evening	Evening	Day	Night	Lmax	Leq		
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax
Crane	N/A	N/A	80.6	72.6	N/A	N/A	N/A	N/A	N/A
Tractor	N/A	N/A	84.0	80.0	N/A	N/A	N/A	N/A	N/A
Tractor	N/A	N/A	84.0	80.0	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	84.0	83.4	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 02/26/2021
 Case Description: Bldg Demo

**** Receptor #1 ****

Description	Land Use	Daytime	Baselines (dBA)	
			Evening	Night
Demo	Residential	65.0	60.0	55.0

Equipment

Estimated Shielding Description (dBA)	Impact Device	Usage (%)	Spec	Actual	Receptor
			Lmax (dBA)	Lmax (dBA)	Distance (feet)
Mounted Impact Hammer (hoe ram) 0.0	Yes	20		90.3	50.0
Excavator 0.0	No	40		80.7	50.0
Front End Loader 0.0	No	40		79.1	50.0

Results

(dBA)	Noise Limit Exceedance (dBA)						Noise Limits			
	Night		Day		Calculated (dBA) Evening		Day Night		Evening	
	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Mounted Impact Hammer (hoe ram) N/A	N/A	N/A	N/A	N/A	90.3	83.3	N/A	N/A	N/A	N/A
Excavator N/A	N/A	N/A	N/A	N/A	80.7	76.7	N/A	N/A	N/A	N/A
Front End Loader					79.1	75.1	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM), Version 1.1

Report date: 03/05/2021
 Case Description: Grading

**** Receptor #1 ****

Description	Land Use	Daytime	Baselines (dBA)	
			Evening	Night
Grading	Residential	65.0	60.0	55.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20		84.4	50.0	0.0
Compactor (ground)	No	20		83.2	50.0	0.0
Scraper	No	40		83.6	50.0	0.0

Results

Noise Limit Exceedance (dBA) Noise Limits (dBA)

Equipment	Calculated (dBA)					Day		Evening		Lmax
	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax		
Auger Drill Rig		84.4	77.4		N/A	N/A	N/A	N/A	N/A	
Compactor (ground)		83.2	76.2		N/A	N/A	N/A	N/A	N/A	
Scraper		83.6	79.6		N/A	N/A	N/A	N/A	N/A	
Total		84.4	82.7		N/A	N/A	N/A	N/A	N/A	

Bldg Constr Unmitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(	Lr,lim dB(	Ldn dB(A)	Leq,d dB(	Leq,n dB(
R1	SCR	G					73.4	67	67
R2	SCR	G					76	69.6	69.6
R3	SCR	G					79.3	72.9	72.9
R4	SCR	G					80.6	74.2	74.2
R5	SCR	G					69.7	63.3	63.3
R6	SCR	G					64.8	58.4	58.4
R7	SCR	G					68.8	62.4	62.4
R8	SCR	G					78.3	71.9	71.9
R9	SCR	G					76	69.6	69.6
R10	SCR	G					72	65.5	65.5
R11	SCR	G					66.2	59.8	59.8
R12	SCR	G					78	71.6	71.6
R13	SCR	G					70.4	64	64
R14	SCR	G					82.1	75.7	75.7
R15	SCR	G					66.9	60.5	60.5
R16	SCR	G					82.5	76.1	76.1
R17	SCR	G					69.8	63.4	63.4
R18	SCR	G					81.7	75.3	75.3
R19	SCR	G					62.3	55.9	55.9
R20	SCR	G					80.5	74.1	74.1
R21	SCR	G					62.8	56.3	56.3
R22	SCR	G					71.8	65.4	65.4
R23	SCR	G					73.9	67.5	67.5
R24	SCR	G					62	55.5	55.5
R25	SCR	G					66.8	60.4	60.4
R26	SCR	G					70.7	64.3	64.3
R27	SCR	G					68.2	61.8	61.8
R28	SCR	G					74.5	68.1	68.1
R29	SCR	G					67.5	61.1	61.1
R30	SCR	G					66.9	60.5	60.5
R31	SCR	G					65.3	58.9	58.9
R32	SCR	G					56.8	50.4	50.4
R33	SCR	G					67.6	61.2	61.2
R34	SCR	G					62.9	56.4	56.4
								76.1	

Grading South Unmitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(	Lr,lim dB(	Ldn dB(A)	Leq,d dB(	Leq,n dB(
R1	SCR	G					64.9	58.5	58.5
R2	SCR	G					65.7	59.3	59.3
R3	SCR	G					66.5	60.1	60.1
R4	SCR	G					67.1	60.7	60.7
R5	SCR	G					62.2	55.8	55.8
R6	SCR	G					56.1	49.7	49.7
R7	SCR	G					66	59.6	59.6
R8	SCR	G					66.5	60.1	60.1
R9	SCR	G					64.6	58.2	58.2
R10	SCR	G					62.2	55.8	55.8
R11	SCR	G					47.5	41.1	41.1
R12	SCR	G					66.8	60.4	60.4
R13	SCR	G					54.1	47.7	47.7
R14	SCR	G					73.1	66.7	66.7
R15	SCR	G					53.7	47.3	47.3
R16	SCR	G					76.6	70.1	70.1
R17	SCR	G					53.8	47.4	47.4
R18	SCR	G					81.2	74.8	74.8
R19	SCR	G					58.6	52.2	52.2
R20	SCR	G					84.3	77.8	77.8
R21	SCR	G					60.2	53.8	53.8
R22	SCR	G					68.3	61.9	61.9
R23	SCR	G					73.1	66.7	66.7
R24	SCR	G					56.3	49.9	49.9
R25	SCR	G					64	57.6	57.6
R26	SCR	G					61.5	55	55
R27	SCR	G					61.4	55	55
R28	SCR	G					65.9	59.4	59.4
R29	SCR	G					61.6	55.1	55.1
R30	SCR	G					59.1	52.7	52.7
R31	SCR	G					57	50.6	50.6
R32	SCR	G					47.5	41	41
R33	SCR	G					49.1	42.7	42.7
R34	SCR	G					57.1	50.7	50.7
								77.8	

Paving Unmitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(,Lr,lim dB(,Ldn dB(A)	Leq,d dB(,Leq,n dB(,
R1	SCR	G			68.2	61.8 61.8
R2	SCR	G			76.4	70 70
R3	SCR	G			79.1	72.7 72.7
R4	SCR	G			78.4	72 72
R5	SCR	G			57.5	51.1 51.1
R6	SCR	G			67.1	60.7 60.7
R7	SCR	G			73.9	67.5 67.5
R8	SCR	G			72.9	66.5 66.5
R9	SCR	G			67.8	61.4 61.4
R10	SCR	G			60.3	53.9 53.9
R11	SCR	G			56.9	50.5 50.5
R12	SCR	G			67.2	60.7 60.7
R13	SCR	G			58	51.6 51.6
R14	SCR	G			71.8	65.4 65.4
R15	SCR	G			58.9	52.5 52.5
R16	SCR	G			69.8	63.4 63.4
R17	SCR	G			53.8	47.4 47.4
R18	SCR	G			70.8	64.4 64.4
R19	SCR	G			53.7	47.3 47.3
R20	SCR	G			74.2	67.8 67.8
R21	SCR	G			53.6	47.2 47.2
R22	SCR	G			60.7	54.3 54.3
R23	SCR	G			64.6	58.2 58.2
R24	SCR	G			50.7	44.3 44.3
R25	SCR	G			58.5	52.1 52.1
R26	SCR	G			64.5	58.1 58.1
R27	SCR	G			70	63.6 63.6
R28	SCR	G			65	58.6 58.6
R29	SCR	G			56.8	50.4 50.4
R30	SCR	G			56.5	50.1 50.1
R31	SCR	G			58.4	52 52
R32	SCR	G			60	53.6 53.6
R33	SCR	G			57.6	51.2 51.2
R34	SCR	G			51.8	45.4 45.4
						72.7

Soil Nailing and Grading South Central Unmitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(	Lr,lim dB(	Ldn dB(A)	Leq,d dB(	Leq,n dB(
R1	SCR	G					64.8	58.4	58.4
R2	SCR	G					66	59.6	59.6
R3	SCR	G					67.2	60.8	60.8
R4	SCR	G					68.3	61.9	61.9
R5	SCR	G					64.1	57.7	57.7
R6	SCR	G					57.2	50.8	50.8
R7	SCR	G					59.1	52.7	52.7
R8	SCR	G					67.4	61	61
R9	SCR	G					64.8	58.4	58.4
R10	SCR	G					63.7	57.3	57.3
R11	SCR	G					49.1	42.7	42.7
R12	SCR	G					66.7	60.3	60.3
R13	SCR	G					64.7	58.3	58.3
R14	SCR	G					78.5	72.1	72.1
R15	SCR	G					58.7	52.3	52.3
R16	SCR	G					83.6	77.2	77.2
R17	SCR	G					58.1	51.7	51.7
R18	SCR	G					79.4	73	73
R19	SCR	G					55.3	48.9	48.9
R20	SCR	G					73.6	67.2	67.2
R21	SCR	G					57.1	50.6	50.6
R22	SCR	G					70.5	64.1	64.1
R23	SCR	G					72.1	65.7	65.7
R24	SCR	G					61.3	54.9	54.9
R25	SCR	G					58.6	52.2	52.2
R26	SCR	G					62.1	55.7	55.7
R27	SCR	G					61.3	54.9	54.9
R28	SCR	G					61.4	55	55
R29	SCR	G					62.5	56.1	56.1
R30	SCR	G					59.1	52.7	52.7
R31	SCR	G					61.3	54.9	54.9
R32	SCR	G					55	48.6	48.6
R33	SCR	G					55.6	49.2	49.2
R34	SCR	G					61.2	54.8	54.8
								77.2	

Bldg and Asphalt Demo Mitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(,Lr,lim dB(,Ldn dB(A)	Leq,d dB(,Leq,n dB(,
R1	SCR	G			74	67.6 67.6
R2	SCR	G			80.6	74.2 74.2
R3	SCR	G			75.2	68.8 68.8
R4	SCR	G			75.1	68.7 68.7
R5	SCR	G			64.2	57.8 57.8
R6	SCR	G			66.2	59.7 59.7
R7	SCR	G			71.4	65 65
R8	SCR	G			72.3	65.9 65.9
R9	SCR	G			72.9	66.5 66.5
R10	SCR	G			71.6	65.2 65.2
R11	SCR	G			61.7	55.2 55.2
R12	SCR	G			74.6	68.2 68.2
R13	SCR	G			63.6	57.2 57.2
R14	SCR	G			75.5	69 69
R15	SCR	G			65	58.6 58.6
R16	SCR	G			76.2	69.7 69.7
R17	SCR	G			61.5	55.1 55.1
R18	SCR	G			74.6	68.2 68.2
R19	SCR	G			58.6	52.2 52.2
R20	SCR	G			72	65.6 65.6
R21	SCR	G			56.4	50 50
R22	SCR	G			73	66.6 66.6
R23	SCR	G			71.5	65.1 65.1
R24	SCR	G			61.1	54.7 54.7
R25	SCR	G			63.4	57 57
R26	SCR	G			69.4	63 63
R27	SCR	G			68.8	62.4 62.4
R28	SCR	G			65.8	59.4 59.4
R29	SCR	G			67.2	60.8 60.8
R30	SCR	G			63.7	57.3 57.3
R31	SCR	G			67.6	61.2 61.2
R32	SCR	G			64.5	58.1 58.1
R33	SCR	G			63.1	56.7 56.7
R34	SCR	G			65.3	58.9 58.9
						74.2

Bldg Constr Mitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(,Lr,lim dB(,Ldn dB(A)	Leq,d dB(,Leq,n dB(,
R1	SCR	G			73.4	67 67
R2	SCR	G			76	69.6 69.6
R3	SCR	G			79.3	72.9 72.9
R4	SCR	G			80.6	74.2 74.2
R5	SCR	G			69.7	63.3 63.3
R6	SCR	G			64.8	58.4 58.4
R7	SCR	G			68.8	62.4 62.4
R8	SCR	G			78.3	71.9 71.9
R9	SCR	G			73.3	66.8 66.8
R10	SCR	G			71.6	65.2 65.2
R11	SCR	G			64.1	57.7 57.7
R12	SCR	G			74.5	68.1 68.1
R13	SCR	G			68	61.6 61.6
R14	SCR	G			77.7	71.3 71.3
R15	SCR	G			65.6	59.2 59.2
R16	SCR	G			78.3	71.9 71.9
R17	SCR	G			66.7	60.3 60.3
R18	SCR	G			78.6	72.2 72.2
R19	SCR	G			62.3	55.9 55.9
R20	SCR	G			77.3	70.9 70.9
R21	SCR	G			62.7	56.3 56.3
R22	SCR	G			71.8	65.4 65.4
R23	SCR	G			73.9	67.5 67.5
R24	SCR	G			62	55.5 55.5
R25	SCR	G			66.8	60.4 60.4
R26	SCR	G			70.7	64.3 64.3
R27	SCR	G			68.2	61.8 61.8
R28	SCR	G			74.5	68.1 68.1
R29	SCR	G			66.8	60.4 60.4
R30	SCR	G			66.9	60.5 60.5
R31	SCR	G			65.3	58.9 58.9
R32	SCR	G			56.8	50.4 50.4
R33	SCR	G			67.6	61.2 61.2
R34	SCR	G			62.2	55.8 55.8
						74.2

Grading South Mitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(,Lr,lim dB(,Ldn dB(A)	Leq,d dB(,Leq,n dB(,
R1	SCR	G			60.4	54 54
R2	SCR	G			60.5	54.1 54.1
R3	SCR	G			62.1	55.7 55.7
R4	SCR	G			67	60.6 60.6
R5	SCR	G			60.1	53.7 53.7
R6	SCR	G			56.1	49.7 49.7
R7	SCR	G			65.2	58.8 58.8
R8	SCR	G			66.4	60 60
R9	SCR	G			63.2	56.8 56.8
R10	SCR	G			62.2	55.8 55.8
R11	SCR	G			47.5	41 41
R12	SCR	G			63.9	57.5 57.5
R13	SCR	G			54	47.6 47.6
R14	SCR	G			68.8	62.4 62.4
R15	SCR	G			53.6	47.2 47.2
R16	SCR	G			71.9	65.5 65.5
R17	SCR	G			53.7	47.3 47.3
R18	SCR	G			76.5	70.1 70.1
R19	SCR	G			58.6	52.2 52.2
R20	SCR	G			79.1	72.7 72.7
R21	SCR	G			60.2	53.8 53.8
R22	SCR	G			68.3	61.9 61.9
R23	SCR	G			73.1	66.7 66.7
R24	SCR	G			56.3	49.9 49.9
R25	SCR	G			60.3	53.9 53.9
R26	SCR	G			61.5	55 55
R27	SCR	G			61.4	55 55
R28	SCR	G			62.4	56 56
R29	SCR	G			61.5	55.1 55.1
R30	SCR	G			59.1	52.7 52.7
R31	SCR	G			57	50.6 50.6
R32	SCR	G			47.5	41 41
R33	SCR	G			49.1	42.7 42.7
R34	SCR	G			55.4	49 49
						72.7

Soil Nailing and Grading South Central Mitigated

Receiver	Usage	Fl	Dir	dB(A)	Lr,lim dB(,Lr,lim dB(,Ldn dB(A)	Leq,d dB(,Leq,n dB(,
R1	SCR	G			60.6	54.2 54.2
R2	SCR	G			61.2	54.8 54.8
R3	SCR	G			63.1	56.7 56.7
R4	SCR	G			66.3	59.9 59.9
R5	SCR	G			60.2	53.8 53.8
R6	SCR	G			54.8	48.3 48.3
R7	SCR	G			59.1	52.7 52.7
R8	SCR	G			65	58.6 58.6
R9	SCR	G			64.1	57.7 57.7
R10	SCR	G			62.3	55.9 55.9
R11	SCR	G			48.6	42.2 42.2
R12	SCR	G			65.6	59.2 59.2
R13	SCR	G			60.8	54.4 54.4
R14	SCR	G			71.9	65.5 65.5
R15	SCR	G			54.6	48.2 48.2
R16	SCR	G			75.1	68.7 68.7
R17	SCR	G			58.1	51.7 51.7
R18	SCR	G			73	66.6 66.6
R19	SCR	G			55.3	48.9 48.9
R20	SCR	G			69	62.6 62.6
R21	SCR	G			57.1	50.6 50.6
R22	SCR	G			70.5	64.1 64.1
R23	SCR	G			68.2	61.8 61.8
R24	SCR	G			61.7	55.3 55.3
R25	SCR	G			58.6	52.2 52.2
R26	SCR	G			62.1	55.7 55.7
R27	SCR	G			61.3	54.9 54.9
R28	SCR	G			61.4	55 55
R29	SCR	G			60.6	54.2 54.2
R30	SCR	G			59.1	52.7 52.7
R31	SCR	G			61.3	54.9 54.9
R32	SCR	G			55	48.6 48.6
R33	SCR	G			55.6	49.2 49.2
R34	SCR	G			59.3	52.9 52.9
						68.7

