CENTRE DE RECHERCHES MATHÉMATIQUES

2. T **MODELING OF RADIO SPECTRUM RESOURCES**

(Modélisation des ressources du spectre radio) : fr

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May 1988

FINAL REPORT

MODELING OF RADIO SPECTRUM RESOURCES
(Modélisation des ressources du spectre radio)

by

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prepared for

COMMUNICATIONS CANADA
DLRP (Long Range Planning Group)
Ottawa (Ontario) K1S 3O6

under

Communications Canada
Contract No: 36100-7-0296

DOC Scientific Authority:

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Communications Canada

May 1988

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1. INTRODUCTION

Recently, partly in response to comments from the Auditor General, Communications Canada initiated in-house activities to develop ***objective measures*** of the ***spectrum quality.*** This effort is very critical to the ***spectrum management*** function of Communications Canada.

This problem has many components: technology of communications systems, geographical distribution of users, regulation and management. They are all intimately interrelated in the frequency assignment process and it is not easy to determine what is the relative importance of each one. However, initial studies indicate that the ***geographical distribution of users plays a central role*** in determining the overall ***Spectrum Utilization Efficiency.*** Good frequency assignment strategies must take the users distribution into account, and must maintain enough interference-free frequencies in the area of high demand. Failing to do so leads to ***false saturation conditions***, where frequency requests in busy areas are denied while a good portion of the spectrum remains unassigned.

The definition and analysis of ***Spectrum Utilization Efficiency*** for a given communications system is quite a formidable task. There is no general realistic theory from both conceptual and computational viewpoints which could give us a measure and thereby effective means and tools to guide the spectrum manager in assigning the radio spectrum in the presence of a varying users' demand, technological changes and the apparition of new communication products. So it was felt that the best starting point for a study of the radio spectrum resources was the in-depth analysis of a given type of communication system in order to bring out the significant features and parameters and evaluate which types of approaches will be feasable and realistic.

The choice of the ***land mobile system in the VHF band*** was motivated by the existence of a systematic study of the frequency assignment problem initiated at the University of Montreal a few years ago under the Scientific Authority of Dr. G.A. DeCouvreur. This effort was continued in 1986-1987 under the Scientific Authority of W.R. Lauber [1] at CRC. Using real non-interference conditions provided by SMS, it was possible to construct ***interference-free assignment grids.*** This first development considerably simplified the frequency assignment problem by completely eliminating the checking of the non-interference conditions. Then the assignment capacity (number of available channels per square kilometer) of the grid was considerably increased in order to be able to match existing assignments in a typical urban area such as Montreal. The high capacity was also important to provide flexibility and to eventually take into account other constraints on the assignment process.

Last year, more realism was added by using a recent study on the VHF land mobile band by W.R. Lauber [1]. This study provides extremely valuable information on current practices and the way the electromagnetic spectrum is used in Canada. For instance, there are gaps in most frequency bands. But more important, 40% of the frequencies assigned in a Canadian urban area are single-user frequencies. To cope with this, special techniques have been developed. The presence of duplex channels can also be taken into account. With the above development and a data file containing the positions of 3263 users in the Montreal urban area, we were able to completely match the existing distribution of users (spread over a 227 km square region) taking into account gaps in the band and single-user frequencies. In the best case, out of 1066 assignable frequencies, 276 were assigned to single users, 722 were shared among 2987 multiusers and 68 frequencies were still unused and available for incoming users. In this model, a standard vertical loading strategy was used and no special effort was made to develop more sophisticated loading strategies to optimize the outcome of the assignment process. It is fair to say that this is probably the first efficient and computationally realistic tool available to assign a complete frequency band to a large urban area. One of the main motivation behind those frequency assignment studies was to get an appraisal of the ***Frequency Assignment Efficiency***. Another payoff of this study was to provide a low cost efficient way to assign a new frequency band since no EMC computations are necessary.

The ***Spectrum Utilization Efficiency*** is a very complex notion which would simultaneously take into account several aspects of the spectrum utilization:

a) the technology of the communications system,
b) the geographical distribution of users,
c) the frequency assignment process,
d) the chosen non-interference rules,
e) the government regulation.

Another important factor would be the costs to users and government of a given system. In this project we started with the "Relative Spectrum Value (RSV)" introduced by Dr. H.M. Hafez [1, 2] in a series of reports for Communications Canada. In this type of study, the difficulty is to harmonize the theory, the choice and availabilty of the data and the realism of the associated computations. The natural questions are ***what do we want to measure*** and ***what can be realistically measured***. For the land mobile system, we know for instance the position of the users, the Effective Radiated Power (ERP) and the height of the antennae, and the channel occupancy (for a reasonable number of channels). So we need a ***model to compare our measurements*** with the values provided by the model in order to determine the effect and eventually optimize with respect to the parameters entering in the

components a) to e) of the Spectrum Utilization Efficiency. It would appear that at the moment the only model which provides a realistic account of the geographical distribution of users is the one based on Interference-free Assignment Grids.

The purpose of this contract is to study the Spectrum Utilization Efficiency for the Land Mobile System in the VHF band since both data and a model are available. Here the land mobile technology, the frequency band, the non-interference rules and the government regulation are known. The actual distribution of users in Montreal, Toronto, Vancouver and Edmonton has been provided by Communications Canada. The non-interference conditions were automatically verified by using the best interference-free Assignment Grid obtained in the 1986-1987 contract. So the controlled variables will be the loading procedure, the co-channel conditions and the management of the grid.

Following intensive discussions with Communications Canada personnel, the "Relative Occupancy Value (ROV)" was used for this first study. This concept ensures that the number of frequency assignments available in any given location is in direct proportion to the demand in that region. It determines the order in which the file containing the users demand is processed. This first processing is followed by a second frequency assignment of the remaining spectrum resources (unused or partly occupied channels) in order to determine how much more spectrum usage can be obtained for the region under consideration. In this report we develop and modify earlier assignment algorithms to apply the ROV concept.

Acknowledgements. The author would like to thank Dr H. M. Hafez for his initiatives and the extremely valuable discussions we had during this contract, W.R. Lauber for making available to us the CRC study and for extremely crucial information and discussions on the data files provided by Communications Canada, and to Claude Beauchamp who has done all the computer software development and revisions associated with this project.

2. THE LAND MOBILE SYSTEM.

To develop objective measures of spectrum usage and quality, it is important to first determine

1) the nature and availability of the data,
2) the availability and accuracy of measurements,
3) and the realism and complexity of the theoretical model.

Our source of information is the analysis of Montreal, Ottawa, Winnipeg, Edmonton and Vancouver is W.R. Lauber [1].

2.1. Description of the data available.

For the land mobile system operating in the VHF band, fairly complete data are available on the land mobile technology, the use of the frequency band, the non-interference rules and government regulation. The actual geographical distribution of users in Montreal, Toronto, Vancouver and Edmonton was provided by Communications Canada for a 96 km square region around the downtown area. The files also contain data on the occupancy (%) and the opcode for each channel.

2.1.1. The band.

The VHF band under consideration goes form 138 to 174 MHz with gaps from 144 to 148.02 MHz and from 149.9 to 150.05 MHz. If the band is divided into 30kHz channels, this amounts to 1 200 channels with a first gap of 134 channels and a second gap of 5 channels. The first gap is used for the two-meter amateur band. In cities close to populated American urban centers, part of the spectrum may also not be assignable. In Vancouver, the frequencies from 156 to 160 MHz are used for the "Marine band where the adjacent channels are 25 kHz apart. This knocks out 134 additional channels from the original band.

According to the date files, adjacent channels are not always 30 kHz apart and some of them, the so-called "interstitial channels" are 15 kHz apart. In Montreal and Vancouver, the 30 kHz was dominant; in Edmonton, two third are 15 kHz.

2.1.2. Types of users.

An extremely important result that came out of the CRC study is that 40% of the channels are single user channels. The other 60% is used in a sharing mode. The number of users per channel can go up to 32 (according to the Montreal data file for a 96 km square region).

2.1.3. Geometric distribution of users.

In this study, the data files provided by Communications Canada were for a 96 km square area around the pole of highest concentration in each city.

2.1.4. Antennae (ERP, height).

This information was not provided on the data file. The CRC study indicates that less than 1% of the transmitters have Effective Radiated Powers (ERP) greater than 200 Watts and between 60% to 88% have ERP's that are less than 50 Watts.

2.1.5. Occupancy.

The data files provided by Communications Canada contain the "Peak hourly message occupancy (POCC)". In general, this information is not complete and does not necessarily correspond to a "measurement".

For Montreal, the POCC is available for 411 channels out of 637 (that is 64.52% of the channels). According to Communications Canada, a channel is considered to be ***full*** when

POCC = 75% for a single user channel,
POCC = 60% for a multiuser channel.

Of course, the critical POCC largely depends on the number of users and mobiles sharing a channel. Yet the Montreal file contains many occupancies which are larger that 90%.

If we are to compare different Canadian cities, the meaning of the occupancy should be the same. Yet the definition of occupancy used in Montreal and Edmonton seems to be different.

The Montreal data file gives the total occupancy of the channel for each user. It will be assumed that if a channel has n users, the POCC for each user is the POCC for the channel divided by n. In the CRC report (see Appendix A), it is also mentionned that shared channels are usually loaded to a level of 70% (slightly higher that the 60% at the beginning of the section).

The occupancy is an important figure for the application of the "Relative Spectrum Value" concept or other similar ones. The apparent lack of standards across Canada and the reliability of the figures may cast some doubts on the resulting analysis and conclusions. More efforts should probably be invested in the standardization and the accurate measurement of the parameters entering in the description of the "occupancy".

2.2. The theoretical model

It is well-known that the way the spectrum is assigned has a definite bearing on its efficient use. One approach is to make decision with respect to each applicant as time progresses and ignore the requirements of future applicants. Another approach is to evaluate the needs of present and future applicants and construct a ***master grid*** which makes the most efficient use of the electromagnetic spectrum. Between those two extreme cases, intermediate approaches can be considered.

In this project, we are interested in contructing a model to evaluate the maximum (or at least a lower bound on the maximum) of the spectrum ressource. For this purpose we shall use the high-capacity interference-free assignment grids as described in Delfour and DeCouvreur [1]. The best grid available at the moment is the one in the 1986-87 report (see also Delfour and Lauber [1]). The grid corresponds to 1200 30kHz channels. Each channel can be shared by up to 30 users in different locations. This grids contain provision for 50% single user and 50% multiuser channels in each cell. Each cell is a 37,65/38 = 0,9907 km square.

The purpose of this grid is to reduce the complexity of the problem by automatically incorporating all the non interference rules. The data file containing the user locations will be processed in an appropriate order to be determined later on. We shall use vertical loading for multiple user frequencies. In a given location we shall assign the frequency with the highest occupancy below 60%.

To get a lower bound on the maximum available spectrum resources, we shall process the file starting with cells with the highest occupancy. More details will be given in section 5.

Our approach essentially breaks down the very complex problem of evaluation spectrum usage

into independent subproblems. Each subproblem can be studied and optimized separately. Then everything is combined together. The overall picture is given in Figure 2.1.

To analyse an urban area we need a knowledge of the land-mobile technology and the current regulation and non interference conditions. On one side we shall use as a standard the model resulting from the interference-free assignment grid; on the other side we can use various management of the grid and loading procedures. This will separately yields a measure of the grid assignment efficiency and a measure of the efficiency of management and loading procedures. All this will be combined to yield a measure of the Spectrum Utilization Efficiency.

We believe it is important to separate the above aspects of the measure of efficiency : capacity of the grid and management. But this is not the end of the story. If the land mobile technology is changed (e.g. by going to a cellular system), the final measure of the efficiency will also change. New non interference condition and new regulation will be provided. New grids will be constructed and soon this very different technologies can be compared.

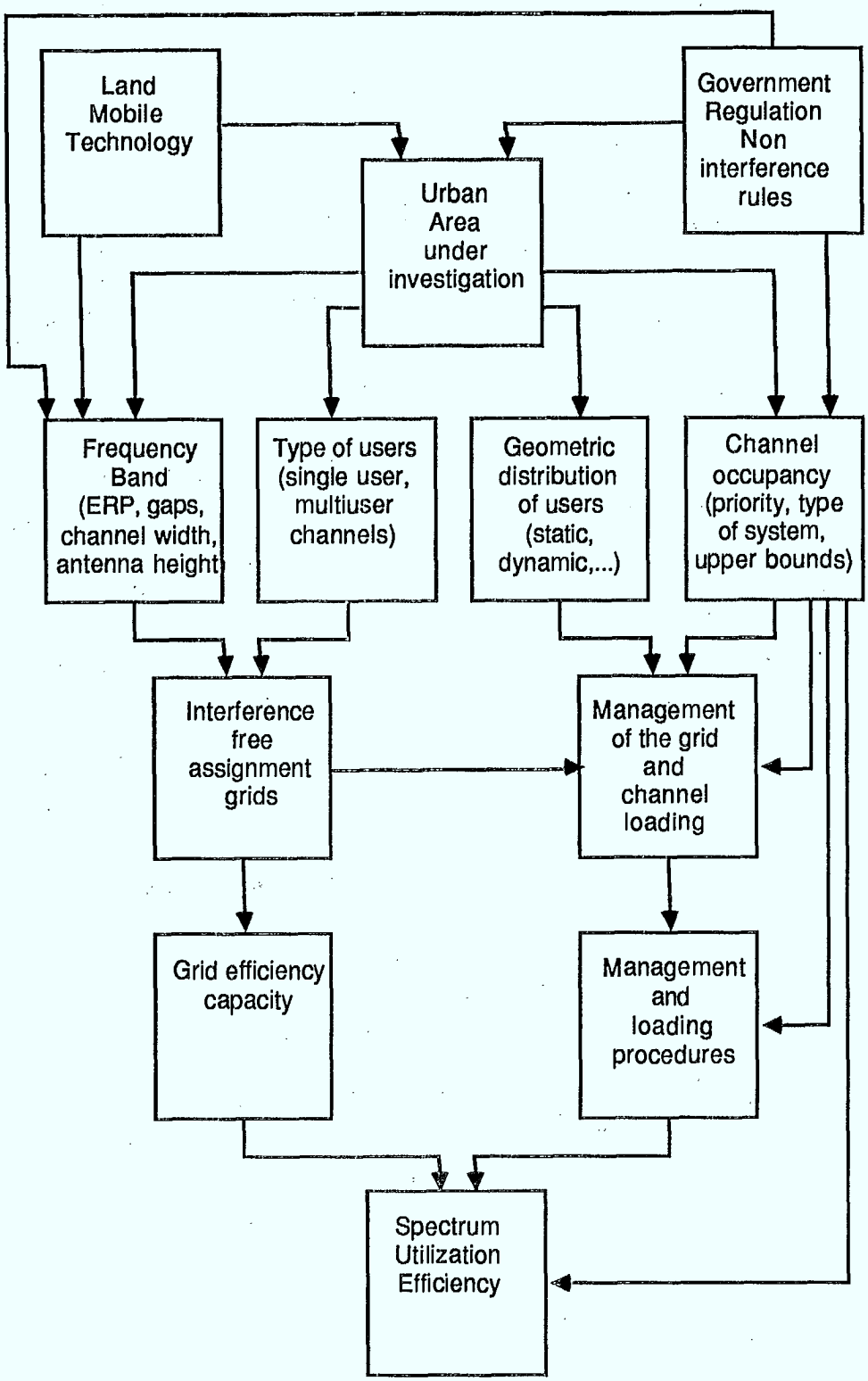
Land Mobile Technology
Government Regulation Non interference rules
Urban Area under investigation
Frequency Band (ERP, gaps, channel width, antenna height)
Type of users (single user, multiuser channels)
Geometric distribution of users (static, dynamic,...)
Channel occupancy (priority, type of system, upper bounds)
Interference free assignment grids
Management of the grid and channel loading
Grid efficiency capacity
Management and loading procedures
Spectrum Utilization Efficiency

Figure 2.1

3. THE LINEAR MODEL AND THE HIGH CAPACITY GRIDS.

Delfour and De Couvreur [1] have recently developed a new mathematical method using linear algebra to generate interference free simplex channel assignment grids for base stations in the VHF land mobile band for large urban areas. The frequency assignment model checks for interference from adjacent channels, desensitization, transmitter intermodulation and receiver intermodulation. Both single-user and multi-user frequency assignment strategies are covered. Starting with a new city and an unusued frequency band this model shows that it is possible to make frequency assignments in a much more spectrally efficient manner than is presently done by spectrum managers who have used a variety of changing rules over the past several decades. In this section we consider assignments in the VHF land mobile (from 138 to 174 MHz) band using 30kHz simplex channels, omnidirectional antennas and an effective radiated power of 200 Watts.

The CRC study has provided extremely valuable information on current practices and the way the electromagnetic spectrum is used in Canada. For instance there are gaps in most of the frequency bands. We can now take them into account. Another important feature which came out is that up to 40% of the frequencies assigned in a canadian urban area are single-user frequencies. To cope with this, special techniques have been developed to produce a new model which provides a geographically uniformly distributed 50% of the spectrum for single-user and a 50% for multi-users.

The new model has a large assignment capacity for the static situation. It provides a lower bound on the maximum spectrum assignment capacity.

3.1. REVIEW OF THE MODEL OF DELFOUR AND DE COUVREUR.

The model generates interference free simplex channel assignment grids for base stations in the VHF land mobile band for large urban areas. The frequency assignment model checks for interference from adjacent channels, desensitization, transmitter intermodulation and receiver intermodulation. Both single and multiple frequency assignment strategies are presented. All the material in this section is quoted from Delfour and DeCouvreur [1] and Delfour and Lauber [1].

3.1.1. Allocation of a frequency band to a rectangular region.

The construction given below is not limited to a rectangular region, but extends to the whole plane.

• ***Spectrum model***

Consider a radio frequency band of the form

$$\Sigma = \{ f_0 + m\Delta f \mid 0 \le m < M \} \tag{3.1}$$

where f_0 is the frequency of the first channel in the band, Δf is the separation between two adjacent channels and M is the total number of channels in the band (assuming no gaps).

Each channel can be labelled with an integer from 0 to M-1 through the formula

$$f_m = f_0 + m\Delta f, \; 0 \le m < M. \tag{3.2}$$

So there is a one to one correspondence between the band Σ and the finite set of integers

$$\mathbf{M} = \{ m \mid 0 \le m < M, \; m \text{ an integer} \} \tag{3.3}$$

and we can refer to channel 0, 1, 2, ..., M-1.

An important feature of the set $\mathbf{M}$ is that it can be given an ***algebraic ring*** structure which will play a fundamental role in the sequel. To do that we first introduce the operation Mod M on the set of integers $\mathbf{Z}$ (positive, zero, negative). To an arbitrary integer m in $\mathbf{Z}$ we assign the element $[m]_M$ of $\mathbf{M}$ in the following way :

$$0 \le [m]_M < M, \exists\, k \in \mathbf{Z} \text{ such that } m = [m]_M + kM. \tag{3.4}$$

For each m in $\mathbf{Z}$, $[m]_M$ in $\mathbf{M}$ is unique and $[m]_M$ is denoted m Mod M. For instance with $M = 9$, $\mathbf{M} = \{0, 1, 2, ..., 8\}$, 7 Mod 9 = 7, 20 Mod 9 = 2 and (-2) Mod 9 = 7.

Now define an addition $\oplus$ and a multiplication $\otimes$ by an element of $\mathbf{Z}$:

$$m \oplus n = (m+n) \text{ Mod } M, \forall\, m, n \in \mathbf{M} \tag{3.5}$$

$$k \otimes m = (km) \text{ Mod } M, \forall\, k \in \mathbf{Z}, m \in \mathbf{M}. \tag{3.6}$$

• ***Model of the region***

Assume that the frequency band Σ is to be allocated to a rectangular region made up of $N_1 N_2$

($N_1 \geq 1$, $N_2 \geq 1$, integers) square subregions which will be called ***cells*** as shown in Figure 3.1.

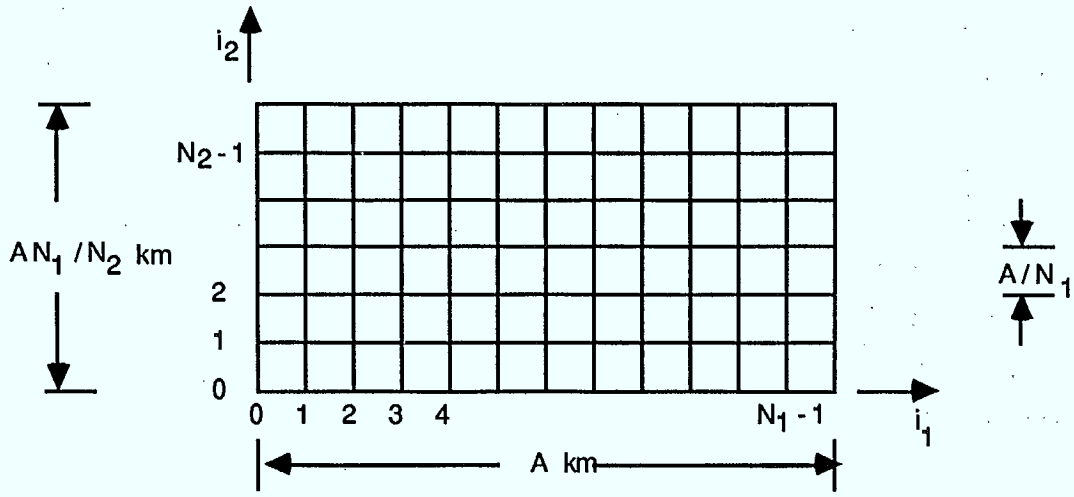

Figure 3.1. Rectangular region.

Further assume that the number M of channels in the band is equal to $N_1 N_2$ and that exactly one channel is to be assigned in the center of each cell. Mathematically this amounts to finding a bijection between $\mathbf{N_1} \times \mathbf{N_2}$ and **M**, where $\mathbf{N_i} = \{ n \mid 0 \leq n < N_i,\ n \text{ an integer} \}$, $i = 1, 2$.

3.1.2. Non Interference conditions.

The basic interference equations used in this model are taken from the FCC [4] and Communications Canada. Each non interference condition is converted into bounds on distances between any two base stations as a function of the frequency separation $\pm\delta f$ MHz.

- ***Required signal level in the presence of noise.***

For the VHF band and all types of interferences, the ***minimum required signal level at the base receiver*** which depends on the receiver environment is chosen as - 148 dBW (low noise), - 141 dBW (medium noise) or - 132 dBW (high noise). The ***effective radiated power*** for all base stations (ERP) is 23 dBW (200 Watts, omnidirectional) and the frequency F characterizing the band is160 MHz. The channel separation Δf between two adjacent channels is 30kHz.

- ***Interference mechanisms.***

We take into account the following interference mechanisms:

- Adjacent channels
- Desensitization
- Receiver Intermodulation
- Transmitter intermodulation.

• ***Bandpass filters.***

We use a bandpass filter to model the front end of the receiver/transmitter at base stations. The filter is placed between the antenna and the receiver/transmitter, so that both ingoing and outgoing signals go through the same filter. In fact it is a standard part of the receiver/transmitter. The presence of the Bandpass filter will reduce the distances computed in the non interference conditions. The attenuation in dBW was

$$G(\delta f) = -10, \text{ if } |\delta f| \leq 0.18 \text{ MHz} \quad \text{and} \quad -60, \text{ if } |\delta f| > 0.18 \text{ MHz}. \tag{3.7}$$

• ***Co-channel conditions.***

When a channel or frequency is shared among several users the following rule will apply : the distance D_0 between two base stations sharing the same channel or frequency must verify the following conditions :

$$5 \text{ km} \leq D_0 \leq 30 \text{ km} \qquad D_0 \geq 160 \text{ km}. \tag{3.8}$$

3.1.3. Single frequency assignment strategies (no sharing).

We restrict our attention to a family which is large enough for our purpose and easy to generate. We shall refer to that family as the ***family of linear single frequency assignment strategies*** or simply the ***linear strategies.*** The most important feature of a linear strategy is that EMC computations will only need to be done for one cell. Once this is done our constructions will guarantee that no interference will occur in any other combination of cells. This will result in a considerable saving in computing time. The second interesting feature is that linear strategies will not only allocate frequencies to the initial rectangular region but also everywhere in the plane.

In so doing we completely free ourselves from the constraint to assign to a rectangular region. Whatever be the size or shape of the actual region, in each location there will be a frequency to assign which will meet all the EMC requirements.

• ***Definition of a linear strategy.***

Given the three integers $N_1 \geq 1$, $N_2 \geq 1$ and $M \geq 1$ such that $M = N_1N_2$, a ***linear single frequency assignment strategy*** (or simply ***linear strategy***) is defined as a map

$L : \mathbf{Z} \times \mathbf{Z} \rightarrow \mathbf{M}$

$$L(i_1, i_2) = (i_1 l_1 + i_2 l_2) \text{ Mod } N_1N_2 \tag{3.9}$$

where (l_1, l_2) is a pair of integers such that

$$0 \leq l_1 < N_1N_2, \quad 0 \leq l_2 < N_1N_2. \tag{3.10}$$

and one of the following two conditions is verified:

$$l_1 = N_2J_1, 0 \leq J_1 < N_1, (J_1, N_1) = 1 \tag{3.11}$$

$$\text{and } 0 \leq J_2 < N_2N_1, (J_2, N_2) = 1$$

or

$$l_2 = N_1J_2, 0 \leq J_2 < N_2, (J_2, N_2) = 1 \tag{3.12}$$

$$\text{and } 0 \leq J_1 < N_2N_1, (J_1, N_1) = 1.$$

<u>**Note**</u>: (X, Y) denotes the greatest common divisor of X and Y;
so $(X, Y) = 1$ means that X and Y are relatively prime integers.

• ***The minimum dimensionless distances*** e_k.

Since most interference conditions can be expressed in term of a minimum distance between two base stations which are k channels apart, we introduce dimensionless distance parameters e_k's which will be used in the verification of the non interference conditions. We use the set

$$E_k(i_1, i_2) = \{ (j_1, j_2) \in \mathbf{Z}\times\mathbf{Z} : L(j_1 - i_1, j_2 - i_2) = k \}$$

and the distances

$$e_k(i_1, i_2) = \text{Min} \{ [(j_1 - i_1)^2 + (j_2 - i_2)^2]^{1/2} : (j_1, j_2) \in E_k(i_1, i_2) \}$$

It turns out that the distances e_k's are independent of the position (i_1, i_2). This means that whenever the non interference conditions are verified for the base station in position $(0, 0)$, they will be verified for all other base stations. It is this choice that enables us to fully use the "linear structure" of the linear

strategies. In view of those properties we drop the argument (i_1, i_2) in the distances e_k's.

• ***The distances d_k and the non-interference conditions.***

Once the dimensionless distances e_k have been determined, the non-interference conditions can be expressed in terms of the minimum distances d_k,

$$d_k = e_k(A/N_1),\ 1 \leq k < M.$$

3.1.4. Multiple frequency assignment strategies (sharing).

• ***Definition.***

To add the possibility of sharing each channel among N users is equivalent to assign each frequency of the original band N times in the basic rectangular region $\mathbf{N_1} \times \mathbf{N_2}$. A simple way to do this is to assign N (different) frequencies in each cell instead of one. This can be achieved by starting from a grid generated by a linear strategy and adding N-1 translations of that grid by a vector of N-1 different positions in the (i_1, i_2)-plane. In this way we construct high capacity grids which assign the band N times to satisfy the demand for a maximum of NM users (M = the number of frequencies in the band).

• ***Definition of a Multistrategy.***

Given integers $N_1 \geq 1$, $N_2 \geq 1$, $M = N_1N_2$ and N, $1 \leq N \leq M$, a linear strategy L associated with N_1, N_2 and M, and a map $T : \mathbf{N} \rightarrow \mathbf{M}$, a ***multiple frequency assignments strategy (or multistrategy)*** is the map

$$NL : \mathbf{Z} \times \mathbf{Z} \times \mathbf{N} \rightarrow \mathbf{M}, \quad NL(i_1, i_2, n) = L(i_1, i_2) \oplus T(n) \blacklozenge \tag{3.14}$$

• ***Intracellular non interference conditions.***

The set of frequencies allocated to the cell (i_1, i_2) is

$$F(i_1, i_2) = \{ L(i_1, i_2) \oplus T(n) : 0 \leq n < N \}. \tag{3.15}$$

The set of frequencies assigned to a given cell is not arbitrary. It must verify the intracellular non interference conditions :

a) all frequencies in the cell are different

b) there are no intermodulation products between any three frequencies in a given cell

c)) there is a uniform minimum frequency separation between any two frequencies in the same cell of at least two channels

The last condition c) prevents the presence of adjacent channels in the same cell. It also has another important application which can considerably add to the mobility of antennas. In fact when N is large, it is advantageous to spread the N transmitters in the cell instead of keeping them on the same mast. This can be done relatively easily since there are no intermodulation products among the N transmitters. It suffices to specify a large enough minimum channel separation for the grid. This will lower the desensitization constraints.

- ***Computation of the new distances e_k^+.***

The sharing of each frequency N times will reduce the minimum distances e_k to the cell (0, 0). Moreover when two frequencies in the same cell are k channels apart, e_k will be equal to 0. So e_k will be replaced by a new distance e_k^+ which is the minimum **non zero** distance.

- ***The distances d_k^+ and the non-interference conditions.***

The new real minimum distances are now

$$d_k^+ = e_k^+ (A/N_1),\ 1 \leq k < M. \tag{3.16}$$

- ***The 5km co-channel condition.***

The 5 km sharing condition is taken into account in the construction of the vector of translations T(n) of the grid. The 30-km sharing condition will be left to the "Spectrum Manager". This seems reasonable and feasible since the decision process does not involve any heavy EMC computations.

- ***Mobility of the antennas under sharing.***

Another very important property of the grids we want to construct is the mobility of the antennas. We specify a concentric inner square of side a concentric to each cell. The antennas can be freely moved within that square.

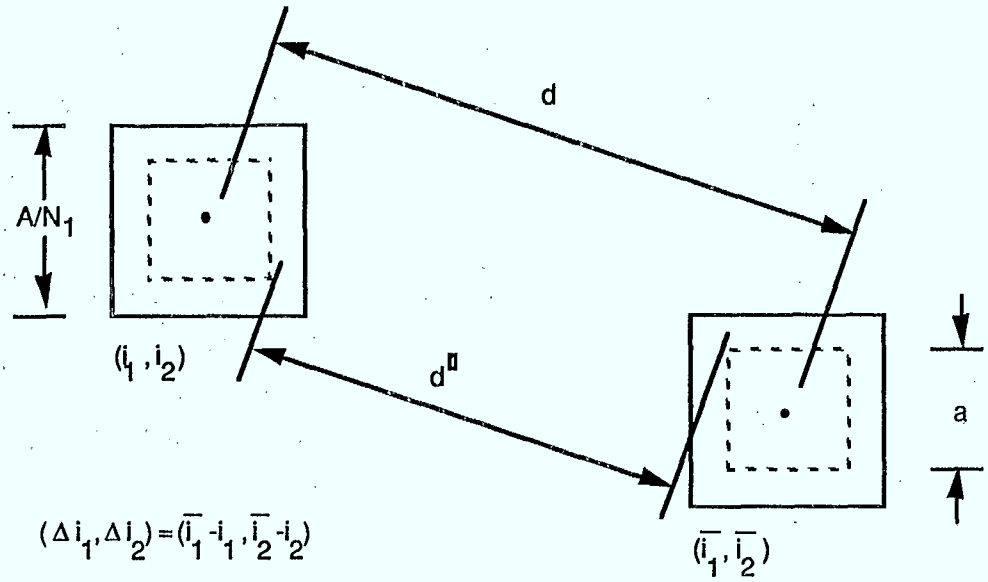

Figure 3.2. Distance between inner squares.

To handle the non-interference conditions, all the distances e^+ between two grid points must be replaced by the shorter distance between the inner squares

$$e^{\alpha +} = \{ [\mathrm{Max}(|\Delta i_1| - \alpha, 0)]^2 + [\mathrm{Max}(|\Delta i_2| - \alpha, 0)]^2 \}^{1/2} (A/N_1)$$

where

$$\alpha = a/(A/N_1).$$

So new minimum dimensionless distances $e_k^{\alpha +}$, $1 \le k < M$, are obtained for each grid and each value of the parameter α. From the $e_k^{\alpha +}$'s the real distances

$$d_k^{\alpha +} = e_k^+ (A/N_1),\ 1 \le k < M \tag{3.18}$$

are obtained. They must be used in place of the distances d_k in the non interference conditions.

At this point we fix the parameter a in relation to the size of the cell

$$a = 0.95\ A/N_1 \tag{3.19}$$

so that the dimensionless parameter is $\alpha = 0.95$. This means that ***each antenna can be moved in a square whose area is about 90% of the area of the cell*** ($0.95^2 \cong 0.90$).

3.2. OPTIMIZATION OF THE SIMPLEX MODEL.

3.2.1. Optimization of the number of assignments.

The best simplex model introduced in Delfour and DeCouvreur [1] has the following characteristics. The basic region is a 32km square where a frequency band of 1024 simplex frequencies is to be assigned. Each frequency could be shared up to 25 times. The model takes into account all noninterference conditions with the bandpass filter described earlier, except the co-channel condition

$$d_0^{\alpha} + \leq 30\text{km or } d_0^{\alpha} + \geq 160\text{km}. \tag{3.20}$$

which has to be verified separately. In each of the 1 km square cell 25 assignable frequencies are available with a mimimum separation ΔF of 12 channels. In each cell the frequencies can be arbitrarily located in a concentric inner square of side a = 0.95km.

Further improvements were necessary to take into account gaps in the spectrum and single-user frequencies as we shall see in the next sections. In so doing we systematically improved and further optimized our simplex model.

We shall see in the next section that a significant increase was achieved with a rectangular region of 38kmx32km and a frequency band of 38x32 = 1216 frequencies. The number of assignable frequencies in each 1 km cell was increased from 25 to 30 and the mimimum separation ΔF from 12 to 13 channels.

3.2.2. Modelling gaps in the frequency band to be assigned.

• ***The gap in the VHF band.***

In Canada the present VHF land mobile band covers the frequencies ranging from 138 to 174 MHz (1200 30kHz channels). If we define the ***frequency number*** n as

$$n = (f-138000)/30, \text{ f in kHz} \tag{3.21}$$

we can locate the gap between n = 200 and n = 334 for the two-meter amateur band.

frequency in MHz	138	144	148.02	173.97	174
frequency number	0	200	334	1199	1200

Table 3.1. **Frequencies and frequency numbers for the VHF land mobile band in Montreal.**

To properly model that gap we have to start with a band of 1200 frequencies and then drop the ones corresponding to the gap.

• ***A new simplex model.***

To construct a high capacity grid for at least 1200 frequencies, several solutions were considered. We chose a 32 x 38 grid with 1216 simplex channels where the ones from 200 to 333 and from 1200 to 1215 are removed. We were able to obtain N = 30 for sharing in a 38km x 32km rectangle. A quick calculation shows that after removal of the 134 frequencies in the gap and the 16 extra frequencies not in the original band, the density drops from 30 ch per sq km to 26.30 ch per sq km which is larger than the original 25 for the 32 x 32 grid with 1024 frequencies.

For that model, M = 1216 (=38x32) simplex channels. Transmitters have omnidirectional antennas and have an effective radiated power (ERP) of 200 Watts (23 dBW), and the region is a rectangle of side $A_1 = 38$km and $A_2 = 32$km. We have set $N_1 = 38$ and $N_2 = 32$. The underlying linear strategy is

$$L(i_1, i_2) = [160i_1 + 33i_2] \text{ Mod } 1216 \tag{3.22}$$

and the positions of the 30 associated zeros are tabulated below.

n	$(i_1(n), i_2(n))$		T(n)	n	$(i_1(n), i_2(n))$		T(n)	n	$(i_1(n), i_2(n))$		T(n)
1	-10	14	1138	11	-13	0	864	21	-13	-12	44
2	-4	13	211	12	-6	0	960	22	-7	-13	333
3	3	13	307	13	0	0	0	23	0	-13	429
4	9	13	563	14	6	-1	289	24	6	-13	685
5	16	13	659	15	13	-1	385	25	13	-13	781
6	-10	7	153	16	-11	-6	742	26	22	14	882
7	-4	6	442	17	-5	-7	1031	27	22	7	1113
8	3	6	538	18	2	-6	1094	28	19	0	608
9	9	5	827	19	8	-7	167	29	21	-6	486
10	15	7	1017	20	15	-7	263	30	19	-12	1004

Table 3.2. **Set I of zeros and vector T(n) for the pair $(I_1, I_2) = (160,33)$ and $(N_1, N_2) = (38,32)$.**

Here we have incorporated the 5km co-channel condition and the 0.95km inner square concentric to each 1km cell. The resulting associated parameters are

$$\Delta F = 13 \text{ channels} \quad d_0^{\alpha +} = 5.05 \text{ km.} \tag{3.23}$$

• ***Effect of the gap on the number of assignable frequencies in a cell.***

The removal of the frequencies in the gap introduces some slight non-uniformities in the grid since in some cells the number of frequencies will be less than 30. We can evaluate the effect of the gap in each cell. We tabulate below the number of cells as a function of the number of frequencies remaining in the cell.

Number of frequencies remaining in the cell	30	29	28	27	26	25	24
Number of cells with above number of frequencies	0	0	124	403	494	163	32

Table 3.3. **Distribution of the number of frequencies per cell after removal of the gap(s).**

It turns out that there is always a minimum of 24 assignable frequencies in each cell.

The gap reduces the number of channels from 1216 to 1066 (1216-134-16). So the average number of channels in each cell drops from 30 to 26.30 channels per sq km.

3.3. MODEL TO INCLUDE PROVISION FOR A MINIMUM NUMBER OF SINGLE-USERS.

3.3.1. Single-user frequencies in the VHF band.

In large Canadian urban areas roughly 40% of the VHF band is reserved to single frequency users. So 40 % of the frequencies in the band are not shared. This new feature is so important when compared to others that it must be properly taken into account in the model right from the beginning.

3.3.2. A grid with a uniform distribution of single and multi users.

This objective can be achieved in various ways, but we want to do it in a way which preserves flexibility and uniformity. We propose the following design and describe the underlying constructions.

Starting from the grid in section 3.2.2 we first choose 50% of the 1216 channels as single-user channels; the others will be multiuser channels.

For a given linear assignment strategy L, the uniform geometric distribution of single-user frequencies is achieved by choosing the frequencies corresponding to even-odd or odd-even coordinates (i_1,i_2) (checker board pattern)

$$S = \{L(i_1,i_2) : 0 \le 1_1 < N_1,\ 0 \le i_2 < N_2,\ \ i_1 \text{ even and } i_2 \text{ odd or } i_2 \text{ even and } i_1 \text{ odd}\}. \tag{3.24}$$

The remaining frequencies will be the multiuser frequencies.

For a multiple assignment strategy NL

$$NL(i_1,i_2,n) = L(i_1,i_2) \oplus T(n) \tag{3.25}$$

we first construct the set of single-user frequencies S from L in the same way. The frequencies assigned to cell (i_1,i_2) are

$$S(i_1,i_2) = \{L(i_1,i_2) \oplus T(n) : 0 \le n < N\}, \tag{3.26}$$

where T(n) is constructed from the distribution I of translation zeros in Table 3.2.

To get exactly 50% of single-user frequencies and 50% of multiuser frequencies in each cell, the distribution I must contain 50% of even-odd or odd-even coordinates $(i_1(n),i_2(n))$ and 50% of even-even or odd-odd coordinates.

The grid described in the previous section was build to meet the above requirements. It has exactly 15 single-user frequencies and 15 multiuser frequencies in each cell. So we have achieved a geometrically uniform distribution of single users and preserved a relatively high flexibility of choice among 15 channels. When the frequencies in the gap are removed the number of distinct frequencies in each cell drops to a number between 24 and 28. The 1066 remaining frequencies consist of

528 single-user frequencies (49.53%)
538 multiuser frequencies (50.47%).

Since we are only required to have 40% (or 428 channels) single-user channels, the extra 528 - 428 = 100 single-user channels can be transformed as needed into multiuser channels.

4. LOADING STRATEGIES AND MANAGEMENT OF THE GRID.

The material in this section is quoted from M. C. Delfour[1] and Delfour and Lauber[1].

4.1. DESCRIPTION OF THE ASSIGNMENT AND LOADING STRATEGIES.

4.1.1. Assignment procedure.

The starting point is the 38x32 grid. In order to maximize the assignment density the size A of the rectangle along the i_1-axis was reduced from 38km to 37.65km bringing the distance d_0^{α} + from 5.05 to 5.00km (the lower limit for the co-channel condition). The ratio $\alpha = a/(A/N_1)$ which had been set equal to 0.95 was increased to 0.955 in order to also increase the % of the area where the antennas can be arbitrarily moved (from 90.25% to 0.91.20%).

This grid was then used to generate a first table giving the status of each frequency in the VHF band of 1216 channels. For each one it is specified whether it is a single-user or a multiuser frequency and we define the initial status number n_S as follows

0	if the frequency lies in one of the two gaps
1	if the frequency is for a single-user
N_{max}	if the frequency can be shared at most N_{max} times.

Each time a frequency is assigned the status number n_S is decreased by one until it reaches 0. When n_S =0, the corresponding frequency can no longer be assigned. I n practice the parameter N_{max} is not uniform for all multiuser frequencies. It decreases as the channel occupancy increases.

A second table was constructed (Table 4.1) recording the assignments as they are made. The origin of the local coordinate system has been chosen as

Longitude	75º 02'	00",	1" (longitude) = 0.0217km
Latitude	45º 00'	00",	1" (latitude) = 0.0308km

and the coordinates of each requested site have been transformed into km with respect to that origin.

site requested OX (long) km	OY (lat) km	Frequency assigned	site assigned AX (long) km	AY (lat) km	inner square	neighboring cell number
					1, inside 0, outside	0 in central 1 to 12 otherwise

Table 4.1.

When a site is requested along with the specification single-user or multiuser, the corresponding cell (i_1,i_2) is identified with respect to the origin of the local coordinate system. We compute the frequencies in that cell. Then we sequentially look in the status table to find frequencies of the requested type (single-user or multiuser) with a status number greater or equal to one. Three situations may take place:

a) Frequencies are available in cell (i_1,i_2).

We proceed to the loading strategy. Then either the requested site falls inside the innner square of side a and we put a 1 in the column "inner square" or it does not and we put a 0.

b) No frequency is available in cell (i_1,i_2), but some are in preset neighbouring cells.

We try frequencies in immediate neighbouring cells. These preset neighboring cells are usually visited in a predetermined order (see Figure 4.1).

7	2	6
3	0	1
8	4	5

Figure 4.1. Order in which the 8 neighbouring cells are visited.

c) No frequency is available in the preset neighbouring cells.

We skip that site and proceed to the next requested site.

4.1.2. Loading strategies.

When several frequencies are available at the requested site in a given cell the problem of the

choice naturally arises. It is extremely important since each choice at the beginning of the assignment process creates a constraint on later requests. This accumulation of constraints slowly reduces the availability of frequencies at the requested sites and reduces the remaining flexibility and capacity.

By construction of the grid, the single-user frequencies will not add constraints since by definition they are not shared. Thus it suffices to assign the first available frequency in the cell.

Multiuser frequencies do introduce constraints through the co-channel conditions

$$d_0^{\alpha} + \leq 30 \text{ km or } d_0^{\alpha} + \geq 160 \text{ km.} \tag{4.1}$$

Note: Single-user frequencies are not repeated even beyond 160 km for this result and the subsequent results. Similarly multiuser frequencies are not repeated more that the preset number of times N_S. Better results could be obtained by relaxing those conditions.

In current practice the following procedures are often used: a) vertical loading or b)horizontal loading. Here the manager does not use the information on the geometric distribution of the multiuser frequencies already assigned.

When vertical loading is adopted the selected frequency is the one which already has the highest number of repetitions. Horizontal loading is just the opposite: the frequency with the lowest number of repetitions is chosen. Both cases will be considered in section 4.2.

4.1.3. Transformation of single-user into multiuser frequencies.

When the Spectrum Manager fails to find assignable multiuser frequencies in the requested cell and its preset neighbouring cells, it is always possible to transform a single-user frequency into a multiuser one. Remember that we have 528 single-user frequencies and 538 multiuser frequencies and that we are only required to save 40% out of the 1066 frequencies (roughly 428) for single-users. As a result up to 100 single-user frequencies or 9.38% of the available band can be transformed. Again this could be optimized, but we here chose to transform the first available single-user frequency.

4.1.4. The effect of the order of requested sites.

We shall see in section 4.2 that the results depend on the ordering of the list of 3263 requested sites (276 single-users and 2987 multiusers). It is a random process under co-channel and repetition constraints. The complexity and size of the initial problem have been considerably reduced by

introducing the high-capacity asignment grids and the single-user/multiuser uniform distribution.

4.1.5. Optimal or near-optimal allocation processes.

At this stage it is not clear whether we can further reduce the randomness left for the co-channel and repetition constraints. Yet it is now more manageable and some suggested strategies in the literature may become realistic. For instance Stochastic Optimization or Stochastic Games as in J.A. Zoellner [1], Graph Theory as in B.H. Metzger [1], J.A. Zoellner and C.L. Beall [1] or W.K. Hale[1]or heuristic techniques as in F. Box [1] could be used. Many other procedures are available. In particular it would be highly desirable to take into account the geometric distribution of the already assigned frequencies. The selection of a loading procedure is quite central and should be more carefuly investigated using traditional tools or by creating new ones adapted to this particular problem.

Any improvement in the design of the original rectangular grid will increase the flexibility and reduce the sensitivity of the assignment process to randomness. In fact we shall see in section 4.2 that the results indicate that the main difficulty is created by some sites in the downtown area where up to 96 frequencies are colocated. Having only 30 frequencies per cell, we are forced to spread this singularity among the neighbouring cells.

4.2. TESTS ON THE MONTREAL URBAN AREA

4.2.1. The actual distribution of assignments.

A distribution of assignments in the Montreal area was provided by Communications Canada. The following statistics have been extracted from that file.

Number of single users in Montreal	276
Number of multiusers in Montreal	2987
Total number of users in Montreal	3263

Table 4.1. The number of single-users and multiusers in the Montreal area.

Figure 4.2 gives an idea of the geographical distribution of the 3263 users (only 3261 are shown). The 224 km square area has been divided into 49 square regions. Each region is a 32 km square. The number in the lower left part of each region is the region number; the upper right number is the total number of base stations in the region.

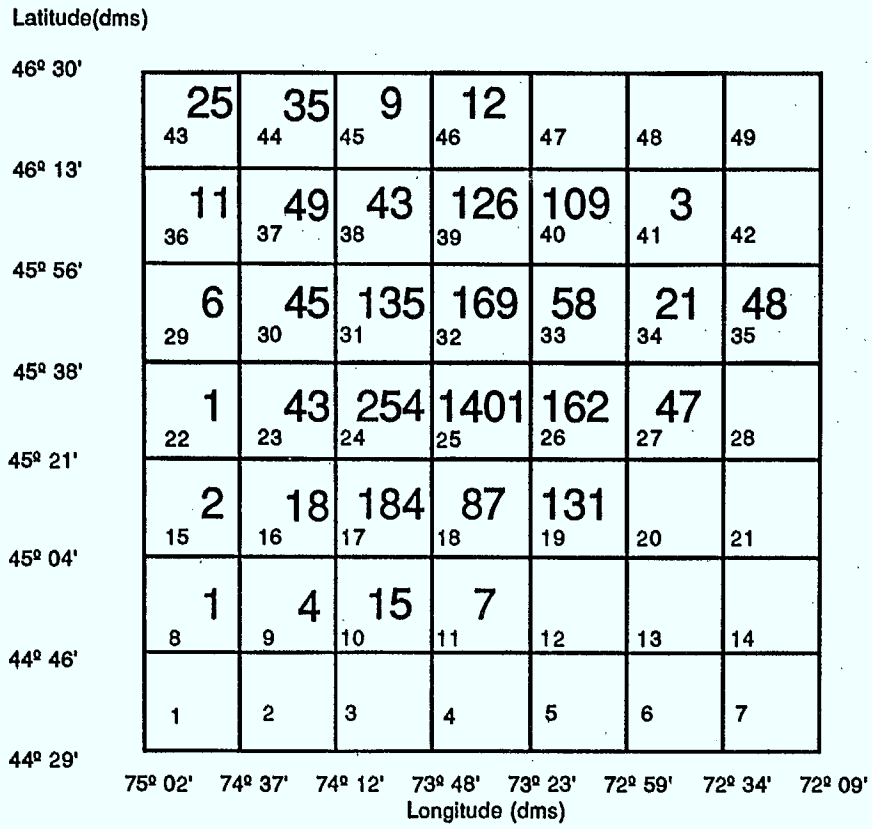

Figure 4.2. **The distribution of the 3263 base stations in the Montreal area.**

4.2.2. Vertical loading.

By a vertical loading strategy we mean that when a site is requested for a multiuser frequency, the channel with the highest occupancy is selected.

Table 4.2 provides results as a function of the order in which the data file provided by Communications Canada is processed: original order, sorted (starting with the cell containing the largest number of requests), or random. In addition the first two columns give the results for the co-channel condition

$D_0 \geq 100$ km

and

$D_0 \geq 160$ km,

respectively. It indicates the effect of this parameter on the results.

File order	original	original	sorted	random
Co-channel condition (km)	100	160	160	160
M (max nº of sharings)	15	15	10	10
Nº Single-users	276	275	276	275
Nº Multiusers	2987	2983	2987	2977
Nº Multiuser frequencies	653	747	722	760
Total Nº of assignments	3263	3258	3263	3252
Nº frequencies not used	137	44	68	31
Missing single-users	0	1	0	1
Missing multiusers	0	4	0	10
% of multiuser frequencies	61.26%	70.08%	67.73%	71.29%
% of single-user frequencies	38.74%	29.92%	32.27%	28.71%

Table 4.3. Montreal frequency band (Vertical loading).

A comparison of the figures in Tables 4.3 shows how critical the co-channel distance (100km or 160km) is. They also clearly indicate that the order in which site requests are processed has a strong influence on the final assignment and the remaining unused frequencies.

4.2.3. Horizontal loading

By a horizontal loading strategy we mean that when a site is requested for a multiuser frequency, the channel with the lowest occupancy is selected. Table 4.3 shows the results for the horizontal loading.

As a general conclusion, vertical loading yields better results than horizontal loading.

File order	original	original	sorted	random
Co-channel condition (km)	100	160	160	160
M (max nº of sharings)	8	8	10	10
Nº Single-users	276	276	276	274
Nº Multiusers	2987	2986	2987	2969
Nº Multiuser frequencies	667	765	751	777
Total Nº of assignments	3263	3262	3263	3243
No frequencies not used	123	25	39	15
Missing single-users	0	0	0	2
Missing multiusers	0	1	0	18
% of multiuser frequencies	62.57%	71.76%	70.45%	72.89%
% of single-user frequencies	37.43%	28.24%	29.55%	27.11%

Table 4.4. Montreal frequency band (Horizontal loading).

4.2.4. Randomness of the file of requested sites.

The last column in Tables 4.3 and 4.4 give the results when the input file is randomnized. This

shows the effect of the order in which site requests are processed. The reader will notice that the results are slightly worst than those where site requests were processed starting with the cell containing the largest number of requests.

4.3. CONCLUSIONS

Starting from the simplex model described in Delfour and De Couvreur [1], we have further improved the flexibility and capacity of the simplex model. We went from a density of 25 channels per square kilometer to 30 channels per square kilometer. This is almost a 58% increase for a spectrum containing 1216 channels. It is suspected that the figure of 30 ch. per sq.km can be further improved by considering for instance a larger spectrum. We conjecture that a spectrum of about 2400 channels would yield a density of about 60 ch. per sq.km and so on.

It is now possible to take into account gaps in a given frequency band. Our analysis shows that they do not significantly affect the spectrum assignment process. Careful design also provides some control on the effect of gaps.

The fact that up to 40% of the frequencies assigned in Canadian urban areas are single-user frequencies has been taken into account. Special techniques have been developed to produce a new model which provides 50% of the spectrum for single-user and 50% for multi-users. Both types of frequencies are geographically uniformly distributed and in any cell 15 channels of each type are available. This model is in some way conservative and up to 10% (50% - 40%) of the single-user frequencies can be transformed into multi-user frequencies whenever needed.

This model has a large assignment capacity for static situation. In practice the allocation process is dynamic and not static. To get an initial appraisal of the eventual peformance of our new model, we have devised simple frequency assignment procedures. Tests were made on the Montreal urban area. Vertical and horizontal loadings were considered. The results indicate that with relatively simple rules we can accomodate all the demand for existing sites and many more are still available in a sharing mode. In fact the performance of the grid is extremely good even in the presence of a high-density downtown area. For instance in one location there is a request for almost 100 channels. Yet by using adjacent neighbouring cells our model was able to absorb this "singularity" in the site demand.

Finally it is important to say that here single-user frequencies have not been repeated even beyond 160 km. Similarly multiuser frequencies are not repeated more that a preset number of times. Better results could have been obtained by relaxing these conditions.

So the hope that was expressed by Delfour and De Couvreur [1] is slowly becoming a reality and the results presented here provide additional evidence that more spectrum usage can be obtained from that fixed ressource. Significant gains and realism have been obtained and further gains can almost certainly be obtained if additional resource, time and research is devoted to the development of this type of technique.

5. THE RELATIVE OCCUPANCY VALUE (ROV) CONCEPT.

Following discussions with Dr. Hafez, it was decided to start with a simple measure of the radio spectrum utilization efficiency: the Relative Occupancy Value which will be described below along with the necessary intermediate constructions.

Communications Canada provides a data file for each city with the following data for each user :

- channel number
- longitude and latitude of the base station
- peak hourly message occupancy (POCC) for the channel
- opcode.

Given the existing user distribution, we define the relative occupancy in the region. Then using the high-capacity interference free grid and the weighing pattern provided by the relative occupancy, we first meet the user demand by assigning channels using vertical loading and the procedures described in section 4. Once this is completed we then try to assign the remaining spectrum resources starting with areas with the highest relative occupancy. This second round of assignments will tell how much more of the spectrum can be assigned in the region while preserving the general weighing pattern.

To make all this more precise we proceed in a step by step description of the computations leading to the definition of the Relative Occupancy Value (ROV). We introduce the following notations :

L : total number of users

ℓ : user label, $1 \leq \ell \leq L$

M : total number of channels

m : channel number, $0 \leq m \leq M$,

LON_ℓ : longitude of the base station for user ℓ

LAT_ℓ : latitude of the base station for user ℓ

$POCC_m$: peak hourly message occupancy for channel m

$OPCODE_m$: integer between 0 and 5 describing the type of channel m.

The above variables correspond to data on the original file which will be processed in several steps :

5.1. PREPROCESSING.

We choose as the origin the maximum longitude, LON_0, and the minimum latitute, LAT_0, and introduce new variables

$$X_\ell = LON_\ell - LON_0, \quad Y_\ell = LAT_\ell - LAT_0 \tag{5.1}$$

expressed in km. Then we compute the ***user occupancy***

$$occ_\ell = \begin{cases} \min\{POCC_i,\ 0.75\}, & \text{if } \ell \text{ is a single user on channel;} \\ \min\{POCC_i,\ 0.60)/n; & \text{if } \ell \text{ is a multiuser on channel's and } n \text{ is the total number of users on that channel.} \end{cases}$$

In the data file some channels are loaded up to more than 90%. This figure must be reduced in order to be compatible with the rule that a channel is considered full when

$$POCC_i = 0.75 \text{ for a single user channel} \tag{5.3}$$

$$POCC_i = 0.60 \text{ for a multiuser channel.} \tag{5.4}$$

Once this is completed we compute various statistics including

- total occupancy $occ_{total} = \sum_{\ell=1}^{L} occ_\ell$ (5.5)
- average user occupancy $occ_{avg} = \frac{1}{L} \sum_{\ell=1}^{L} occ_\ell$ (5.6)
- median user occupancy occ_{med}. (5.7)

We introduce two other variables : the ***user type***, t_ℓ, and a ***cell label*** i_ℓ for user ℓ. The user type is defined as

$$t_\ell = \begin{cases} 1, & \text{if } \ell \text{ is a single user} \\ n, & \text{if } \ell \text{ is a multiuser and the channel is shared among } n \text{ users.} \end{cases} \tag{5.8}$$

Starting from the origin the plane is divided into equal square cells of about 1km (or slightly less). Those cells are the ones associated with the grid with respect to the origin at LON_0, LAT_0. If a is the length

of the side of the cell we can determine the integer coordinates $(i_{1\ell}, i_{2\ell})$ of the cell where user ℓ is :

$$i_{1\ell} = [X_\ell/a], \quad i_{2\ell} = [Y_\ell/a] \tag{5.9}$$

where $[z]$ indicates the largest integer less or equal to z. The ***cell label*** i_ℓ for user ℓ is then defined as

$$i_\ell = 1000 i_{1\ell} + i_{2\ell} \tag{5.10}$$

(here we implicitly assume that the maximum of $i_{2\ell}$ is less than 1000).

Now we determine for each ***cell label*** j the corresponding ***cell occupancy*** c_j

$$c_j = \sum_{\substack{\ell=1 \\ i_\ell = j}}^{L} occ_\ell \tag{5.11}$$

and the ***total*** and ***maximum cell occupancies*** c_{total} and c_{max}

$$c_{total} = \sum_{j=0}^{J} c_j, \quad c_{max} = \max c_j, \quad 0 \le j \le J \tag{5.12}$$

where we assume that the maximum of all cell numbers is J and that the cells with no users have a zero cell occupancy.

To get a weighing pattern which will indicate which cells are more important that others we define the ***cell occupancy*** value v_j

$$v_j = c_j / c_{total}, \quad 0 \le j \le J \tag{5.13}$$

and the ***total relative occupancy value*** TRO

$$TRO = \sum_{j=0}^{J} v_j c_j, \tag{5.14}$$

5.2. FIRST PROCESSING.

We reorder the file with respect to the user label, by starting with users in cell with the largest cell occupancy value c_j and within each cell by starting with the user with the largest user occupancy occ_ℓ.

The whole file is then processed in that order as described in section 4.

5.3. SECOND PROCESSING.

We now make a second run to assign the remaining single user channels and the remaining occupancies for multiuser channels. In order to maximize the total relative occupancy (TRO) we first visit cells with the largest cell relative value v_j. In each cell

- we assign the remaining unused frequencies as single user frequencies with a 75% occupancy
- we assign the remaining multiuser frequencies with an occupancy equal to 60% minus the sum of all the users occupancies already assigned to that channel.

We compute the following new parameters and quantities :

$\bar{L}$: new total number of users (5.15)

$\bar{c}_j$: new cell occupancy for cell j after second processing (5.16)

$$c_{total} = \sum_{j=0}^{J} \bar{c}_j, \qquad \bar{c}_{max} = \max_{0 \le j \le J} \bar{c}_j \tag{5.17}$$

$$\overline{TRO} = \sum_{j=0}^{J} v_j \bar{c}_j \tag{5.18}$$

5.4. POSTPROCESSING.

We now compare the various computed parameter before and after the second processing. We first define the ***ratio of total occupancies***

$$RO = \bar{c}_{total}/c_{total}. \tag{5.19}$$

This quantity is a number greater or equal to 1 which indicates how much additional occupancy has been obtained after assigning all the remaining spectral resources left after the first processing.

Another quantity which is of interest is what we call the ***Relative Occupancy Value***.

$$ROV = \overline{TRO}/TRO \tag{5.20}$$

Again this is a number greater or equal to 1 which compares the results before and after the second processing. The main difference with the relative occupancy RO is that the ROV takes into account the cell occupancy values. Channels assigned in areas of high demand are more heavily weighted than those in low demand areas.

6. RELATIVE OCCUPANCY VALUE FOR MONTREAL.

In this section we present the results of a numerical implementation of the ROV concept of section 5 for the Montreal urban area.

6.1. THE 96 km SQUARE REGION.

In the previous analysis by M. Delfour [1] and Delfour and Lauber [1], we have considered a 227 km square region and reproduced the actual distribution of users for the Montreal urban area. However the data did not contain the POCC. This year the POCC was available for a 96 km square region around the downtown area and each cell is a 0.991 km square. This somewhat simplified the situation since we did not have to make provision for frequency re-use beyond 160 km. In future project, it will be essential to include this feature in the assignment process.

6.2. DESCRIPTION OF THE DATA FILE.

The data file provided by Communications Canada was as described in section 5. Recall that the POCC(Peak houly message occupancy) was not available for each channel and that some channels showed a POCC of 90%. So we first went through th "Preprocessing Phase" of section 5 for channels and users with a known POCC. The results are summarized in the table below.

Total number of users	2616
Total number of channels	637
Total number of channels with known occupancy	411
Total number of channels with unknown occupancy	226
Before preprocessing	
Total occupancy for channels with known occupancy	16865%
Average occupancy per channel	41.0%
Median occupancy per channel	31.0%
Total number of users with known channel occupancy	1541
Average occupancy per user	10.61%
After preprocessing	
Total occupancy after preprocessing (occ_{total})	14788%
Average occupancy per channel	36.0%
Median occupancy per channel	31.0%

Table 6.1. **Analysis of the data file before and after preprocessing for channels with known occupancy.**

6.3. NEW DATA FILE WITH THE MEDIAN OCCUPANCY FOR CHANNELS WITH UNKNOWN OCCUPANCY.

We set the occupancy of all channels with unknown occupancy equal to the median occupancy, that is 31%. Then we went through the "preprocessing phase" of section 5 once again and obtained the new figures in Table 6.2.

Total number of users	2616
Total number of channels	637
Total occupancy	21782.9
Average occupancy per channel	34.2%
Minimum latitude	45º 55' 45"
Maximum longitude	74º 11' 51"

Table 6.2. Analysis of the data file after substitution of 31% for channels with unknown occupancy.

Then the minimum latitude and maximum longitude for the 96 km square region were computed to determine the origin of the grid.

Origin	longitude	= 74º 12' 00"	1" of latitude	= 0.0308 km
	latitude	= 45º 04' 00"	1" of longitude	= 0.0217 km

Table 6.3. Origin of the grid.

The next two tables give more detailed statistics on the new data file. The first one tabulates the number of channels as a function of the number of users per channel. The second table gives for each channel the number of users and the channel occupancy.

Nº of users/channel	1	2	3	4	5	6	7	8	9	10
Nº of channels	265	96	37	44	34	28	19	15	19	24
Nº of users/channel	11	12	13	14	15	16	17	18	19	20
Nº of channels	13	9	7	1	7	2	3	2	1	2
Nº of users/channel	21	22	23	24	25	26	27	28	29	30
Nº of channels	0	2	2	1	0	1	0	0	1	1
Nº of users/channel	31	32	33	34	35	36	37	38	39	40
Nº of channels	0	1	0	0	0	0	0	0	0	0

Table 6.4. Number of users as a function of the number of users per channel.

Table 6.5. Number of users and channel occupancy for each channel.

FREQ:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NB. OF REP:	1	2	6	1	12	1	1	11	1	4	10	1	10	1	1	1	1	4	5	1
OCCUPANCIE:	31.0	31.0	31.2	31.0	31.2	31.0	31.0	30.8	31.0	30.8	31.0	31.0	31.0	31.0	25.0	31.0	71.0	60.0	35.0	75.0

FREQ:	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
NB. OF REP:	9	6	1	7	3	2	1	3	2	7	1	1	1	4	1	1	2	1	1	1
OCCUPANCIE:	7.2	16.2	31.0	46.2	18.9	14.0	75.0	53.1	60.0	4.9	52.0	31.0	31.0	30.8	69.0	22.0	60.0	75.0	75.0	11.0

FREQ:	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
NB. OF REP:	1	1	1	8	2	1	1	2	2	1	1	1	1	1	1	1	1	2	1	2
OCCUPANCIE:	31.0	31.0	47.0	60.0	31.0	10.0	31.0	60.0	60.0	49.0	50.0	71.0	75.0	55.0	19.0	31.0	31.0	60.0	31.0	60.0

FREQ:	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
NB. OF REP:	1	2	2	1	1	1	1	1	1	2	2	2	9	1	1	2	4	1	1	1
OCCUPANCIE:	31.0	38.0	60.0	42.0	75.0	31.0	26.0	48.0	75.0	27.0	60.0	24.0	35.1	59.0	69.0	60.0	60.0	75.0	31 0	75.0

FREQ:	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
NB. OF REP:	1	1	1	1	5	1	1	2	2	8	8	4	5	3	1	2	1	1	1	1
OCCUPANCIE:	75.0	63.0	45.0	74.0	43.0	48.0	57.0	60.0	10.0	60.0	60 0	60.0	60.0	54.0	48.0	36.0	31.0	52.0	31.0	31.0

FREQ:	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
NB OF REP:	1	10	1	11	1	2	12	15	1	11	2	9	11	1	24	22	3	4	11	7
OCCUPANCIE:	31.0	31.0	31 0	30 8	31.0	31.0	31.2	31.5	31 0	30.8	31.0	30.6	30.8	31 0	31.2	30.8	30.9	30.8	30.8	30.8

FREQ:	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
NB OF REP:	6	5	1	32	1	20	1	10	10	23	9	23	1	9	1	20	1	15	1	6
OCCUPANCIE:	60.0	13.0	31.0	54.4	31.0	50 0	14.0	31.0	31.0	29.9	30.6	29.9	31.0	30.6	11.0	60.0	4.0	31.5	31.0	19.2

FREQ:	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
NB OF REP:	5	7	8	2	2	1	1	2	1	5	4	4	1	4	2	6	4	6	11	4
OCCUPANCIE:	60.0	60.2	60.0	33.0	44.0	33.0	6.0	60.0	14.0	14.0	52.0	54.8	31.0	22.0	60.0	30.0	30.0	27.0	16.5	8.0

FREQ	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180
NB OF REP:	6	1	3	1	1	3	3	1	3	6	1	2	2	6	6	3	4	1	9	1
OCCUPANCIE:	7.8	11.0	11.1	10.0	25.0	30.9	30.0	31.0	30.9	9.0	7.0	19 0	49.0	34 8	36.0	44.1	24.8	31.0	48.6	38.0

FREQ.	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
NB OF REP:	4	3	2	1	2	2	13	10	6	10	5	1	1	8	1	1	1	1	1	1
OCCUPANCIE	60.0	30.9	27.0	31.0	19.0	60.0	15.6	22.0	60.0	27.0	60.0	31.0	31.0	16 8	75.0	38.0	31.0	31.0	31 0	31.0

FREQ:	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220
NB. OF REP:	1	1	1	1	1	1	1	1	2	1	1	1	2	12	9	6	13	6	3	8
OCCUPANCIE:	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	7.0	4.0	14.0	31.0	57.0	14.4	25.2	19.8	18.2	25.2	5.1	36.0

FREQ:	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240
NB OF REP:	1	1	1	3	1	5	7	11	1	7	4	1	4	8	1	3	4	4	1	3
OCCUPANCIE:	36.0	31.0	31 0	21.9	14.0	19.0	6.3	16.5	19.0	32.9	60.0	31.0	30.0	24.8	25.0	30.0	60.0	26.8	31.0	21.9

FREQ:	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260
NB. OF REP:	1	4	6	4	2	1	1	10	10	5	10	1	11	1	3	7	4	2	4	1
OCCUPANCIE:	5.0	60.0	18.0	60.0	19.0	6.0	31.0	31.0	31.0	19.0	31.0	36.0	11.0	19.0	14.1	7.7	44.8	13.0	60.0	7.0

Table 6.5. Number of users and channel occupancy for each channel(continued).

FREQ:	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280
NB. OF REP:	1	2	2	1	1	10	1	10	6	3	1	1	4	1	2	10	10	1	1	1
OCCUPANCIE:	7.0	31.0	6.0	25.0	6.0	31.0	22.0	31.0	6.0	5.1	14.0	16.0	60.0	11.0	11.0	31.0	31.0	19.0	31.0	8.0

FREQ:	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
NB. OF REP:	5	10	1	10	1	1	1	1	12	2	2	13	11	5	9	2	10	15	18	2
OCCUPANCIE:	14.0	31.0	33.0	31.0	5.0	6.0	11.0	31.0	31.2	31.0	31.0	31.2	30.8	31.0	30.6	31.0	31 0	31.5	30.6	31.0

FREQ:	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320
NB. OF REP:	12	6	8	7	1	1	1	2	1	1	1	1	1	2	12	2	1	4	1	9
OCCUPANCIE:	31.2	31.2	11.2	35.7	28.0	63.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	60.0	26.4	31.0	5.0	4.0	31.0	8.1

FREQ:	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340
NB. OF REP:	8	1	4	2	7	1	1	5	2	4	2	1	1	1	1	1	4	2	1	5
OCCUPANCIE:	60.0	31.0	32.8	7.0	21.7	75.0	14.0	27.0	31.0	10.8	60.0	8.0	56.0	44.0	38.0	31.0	8.0	31.0	5.0	14.0

FREQ:	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360
NB. OF REP:	5	1	1	1	1	1	4	4	1	1	1	1	8	1	5	1	1	1	1	1
OCCUPANCIE:	11.0	16.0	11.0	22.0	41.0	30.0	48.8	16.0	16.0	75.0	41.0	31.0	15.2	31.0	22.0	9.0	19.0	31.0	31.0	31.0

FREQ:	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380
NB. OF REP:	2	4	2	6	1	1	2	6	1	2	9	3	2	10	2	1	2	1	1	4
OCCUPANCIE:	31.0	30.8	31.0	31.2	31.0	31.0	31.0	31.2	31.0	31.0	30.6	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	30.8

FREQ:	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400
NB OF REP:	6	3	7	1	5	18	16	6	4	5	3	29	30	6	1	1	2	2	1	13
OCCUPANCIE:	31.2	30.9	30 8	31.0	31.0	30.6	30.4	31.2	30.8	31.0	30.9	31.9	30.0	31.2	31.0	31.0	31.0	31.0	31.0	24.7

FREQ:	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420
NB OF REP:	1	1	9	11	1	2	10	2	1	1	4	1	2	15	10	5	2	2	1	8
OCCUPANCIE:	58.0	75.0	16.2	16.5	11.0	60.0	36.0	25.0	75.0	75.0	40.8	31.0	14.0	30.0	27.0	28.0	60.0	38.0	44.0	19.2

FREQ:	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440
NB. OF REP:	5	4	1	1	1	1	7	1	5	1	2	1	1	3	1	2	2	5	3	2
OCCUPANCIE:	21.0	14.0	75.0	31.0	8.0	55.0	23.8	19.0	22.0	22.0	27.0	59.0	69.0	60.0	31.0	31.0	49.0	55.0	32.1	31.0

FREQ:	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460
NB. OF REP:	2	4	13	1	2	1	1	5	7	2	1	1	1	1	1	1	1	1	2	3
OCCUPANCIE:	31.0	6.0	32.5	71.0	60.0	63 0	31.0	55.0	30.8	19.0	75.0	67.0	75.0	67.0	70.0	48.0	64.0	55.0	27.0	33.0

FREQ:	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480
NB. OF REP:	1	9	1	1	1	1	1	12	8	8	3	3	2	1	5	19	12	1	1	13
OCCUPANCIE:	67.0	17.1	29.0	75.0	31.0	75.0	49.0	25.2	39.2	44.0	3.9	60.0	41.0	71.0	14.0	30.4	25.2	36.0	31.0	59.8

FREQ:	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
NB. OF REP:	4	1	2	7	5	3	5	3	1	6	1	10	1	1	1	7	2	2	1	3
OCCUPANCIE:	14.8	27.0	31.0	30.1	31.0	3.9	60.0	23.1	49.0	21.0	59.0	24.0	49.0	75 0	53.0	60.2	52.0	60.0	75.0	60.0

FREQ:	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520
NB. OF REP:	1	3	3	2	1	2	2	1	1	1	2	6	2	2	2	5	2	1	1	3
OCCUPANCIE:	31.0	30.9	11.1	60.0	39.0	60.0	60.0	4.0	75.0	31.0	8.0	7.2	60.0	60.0	60.0	31.0	31.0	75.0	31.0	30.9

Table 6.5. Number of users and channel occupancy for each channel(continued).

FREQ:	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540
NB. OF REP:	1	1	1	4	1	2	1	1	1	1	16	17	1	5	6	4	13	15	5	1
OCCUPANCIE:	75.0	60.0	31.0	30.8	9.0	4.0	5.0	31.0	14.0	52.0	27.2	27.2	12.0	60.0	43.8	30.8	58.5	31.5	31.0	31.0

FREQ:	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560
NB. OF REP:	11	10	11	1	15	7	10	9	7	2	2	5	2	3	6	5	1	1	5	1
OCCUPANCIE:	30.8	31.0	30.8	31.0	31.5	30.8	31.0	30.6	21.7	5.0	19.0	33.0	32.0	44.1	52.2	17.0	11.0	30.0	44.0	19.0

FREQ:	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580
NB. OF REP:	2	1	5	26	2	1	2	4	4	1	5	2	3	4	17	2	12	9	8	3
OCCUPANCIE:	60.0	75.0	60.0	7.8	37.0	25.0	14.0	60.0	24.8	41.0	8.0	60.0	56.1	30.8	5.1	11.0	24.0	32.4	31.2	14.1

FREQ:	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600
NB. OF REP:	4	1	6	1	9	14	1	11	5	10	9	7	4	2	4	1	7	1	1	1
OCCUPANCIE:	22.0	8.0	7.2	46.0	30.6	14.0	69.0	30.8	30.0	31.0	30.6	30.8	30.8	31.0	24.8	71.0	60.2	33.0	31.0	31.0

FREQ:	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620
NB. OF REP:	7	2	1	6	1	1	6	2	1	1	3	1	1	9	1	1	1	1	1	3
OCCUPANCIE:	11.2	60.0	31.0	30.0	25.0	31.0	31.2	14.0	31.0	29.0	14.1	30.0	15.0	7.2	22.0	28.0	75.0	31.0	58.0	38.1

FREQ:	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637
NB. OF REP:	15	3	1	2	3	1	2	1	22	1	1	2	9	17	9	8	4
OCCUPANCIE:	31.5	30.9	75.0	31.0	15.9	25.0	19.0	4.0	11.0	36.0	25.0	60.0	7.2	30.6	30.6	31.2	30.8

6.4. FIRST AND SECOND PROCESSING OF THE PREPROCESSED DATA FILE.

The detailed processing of the data file is given in the Appendix to this report. Here we only summarize the results after the "first and second processings".

We have used the grid described in section 3.2 taking into account gaps in the band and single user frequencies (section 3.3). In view of the conclusions of section 4.2, a vertical loading strategy was retained. The grid provided

528 single user frequencies

538 multiuser frequencies.

The next two tables summarize the results after the "first and second processings".

Number of single user assignments	265
Number of multiuser assignments	2351
Total number of assignments	2616
Number of single-user channels used	265
Number of multiuser channels used	574
Number of unused channels	227
Total occupancy occ_{total}	21782.9

Table 6.5. First processing: all assignments completed.

It is interesting to note that in the original data file 637 channels were used for the 2616 users, while our grid only used 574.

Number of single user assignments	492
Number of multiuser assignments	2823
Total number of assignments	3315
Number of single-user channels used	492
Number of multiuser channels used	574
Number of unused channels	0
Total occupancy occ_{total}	57341.6
Maximum number of users per channel	13

Table 6.6. Second processing: all channels assigned.

6.5. FINAL RESULTS AND CONCLUSIONS.

We now compare the original data file (after the preprocessing) with the one after the first and second processings.

	original file	processed file
Number of cells	1019	1019
occupancy (c_{total})	21782.9	57341.6
Max celloccupancy (c_{max})	2162.6	2162.6
Total relative occupancy (TRO)	384.8	509.4
RO = ratio of c_{total}"s	2.63	
ROV = ratio of TRO's	1.32	

Table 6.7. Computation of RO and ROV.

The total occupancy has increased by 263%, that is between two to three times the actual total occupancy in Montreal. This gives a lower bound to what could be achieved in Montreal. Now if the figures are weighted by the original cell occupancy value v_j, we obtain 1.32 for the ROV. Recall that the ROV (Relative Occupancy Value) is the ratio between the total relative occupancy value TRO after and before processing. This figure indicates that a gain of 132% can be achieved for Montreal.

In conclusion the total occupancy in Montreal could increase by 263 %. If this increase is measured by the ROV concept we still obtain a 132 % improvement.

7. CONCLUSIONS AND RECOMMENDATIONS.

7.1. CONCLUSIONS.

In this study we have probably achieved the first ***quantitative evaluation*** of a ***measure*** of the ***spectrum quality and usage*** which takes into account the actual distribution of users in a large Canadian urban area. This problem is much more difficult than the comparison of different communications systems when the effect of users distribution is neglected. In fact the effect of the users distribution on different technologies may turn out to be significantly different from one to another: a technologically very efficient system may turn out to be very poor from the users distribution point of view and vice versa.

In this first effort we have contemplated using the RSV concept proposed by H.M. Hafez [1, 2] which brings out the main components entering into a good measure of the spectrum quality and usage. After intensive discussions with Communications Canada personnel, we decided to start with probably the simplest measure based on the POCC (peak hourly channel occupancy). This choice was motivated by the fact that the data were available for a reasonable percentage of the channels and that the computations involved to evaluate the measure were realistic. The introduction and use of more complex measures were postponed to subsequent phases of this project. The report contains the results for the Montreal urban area . It is expected to complete the study for Toronto, Vancouver and Edmonton in a subsequent contract in 1988-89.

In the definition of the measure we have assumed that several parameters were kept fixed but with conservative values. For instance the characteristics of all the antennae at base stations are identical: omnidirectional with an ERP of 200 Watts. So the main ingredient in our analysis was the POCC and we called the associated measure the ROV (Relative Occupancy Value). The region under investigation is divided into 0.991 km square cells. Using actual data we compute the value of each cell which is the cell total user occupancies divided by the total channel occupancies for the whole region. This provides a measure of the relative importance of each cell. Then we compute "the mathematical expectation" of the cell occupancy (TRO). We use the interference free high capacity grid developped by the University of Montreal to reproduce the actual users distribution and assign the remaining unused channels or parts of channels not loaded to full capacity in cells with the highest cell value. Finally we again compute "the mathematical expectation" of the cell occupancy (TRO). The ratio of the last quantity to the previous one is the definition of the ROV.

For the Montreal urban area the POCC was available for 411 out of 637 channels, that is 64.52% of

the channels. The median occupancy was 31%. So we completed the missing data by setting the POCC equal to 31% POCC for all other channels.

The gain in total occupancy for the Montreal urban area is 263% and the ROV is 1.32 or 132%. Both figures indicate that more usage can be made of the spectrum resource in Montreal. However the ROV is not an absolute measure. It is constructed from an existing distribution of users and occupancies in the region of interest. It only indicates the potential gains as compared to what is already there. It does not tell what would happen if an industrial center develops in an area which is different from the highly weighed downtown area. It is also very conservative since it does not take into account the characteristics of the antennae at the base stations (data not provided by Communications Canada): ERP, height, directional pattern, etc. In our model we assumed a uniform 200 Watts, but we know from the CRC study that 73.3% of the transmitters operate with an ERP of less than 50 Watts.

Finally we would like to reiterate that a good measure is one for which
1) sufficient data of good quality are available,
2) the size of the associated computations is reasonable
3) and, most important, one for which a comprehensive theory is available to know exactly what is actually measured.

7.2. RECOMMENDATIONS.

We emphasize that this is probably one of the first computation of a measure using the actual distribution of users in a Canadian urban area. More computations and more theoretical studies will be necessary to obtain a good measure which will be realistic and satisfactory from both theoretical, computational and operational viewpoints.

We first recommend

- ***1) to complete the computation of the RO and ROV for Toronto, Vancouver and Edmonton using data in a 96 km square region aound the downtown area,***

- ***2) to discuss with Communications Canada the pertinence of the results and alternate measures which could be tested in Montreal, Toronto, Vancouver and Edmonton using data in a 96 km square region aound the downtown area.***

In the present study, one of the main source of information has been the CRC study by W.R. Lauber [1]. It has provided many valuable and essential data for our project. It is expected that similar sources of information and expertise will be necessary in subsequent phases. We strongly feel that its success will necessitate a continuous exchange of data, expertises and opinions between Communications Canada and us. So we recommend

- ***3) the creation of a working group including at least one representative from the DLRP and W.R. Lauber from CRC with regular meetings or contacts with Dr M. C. Delfour at the University of Montreal.***

This study completely relies on the basic work on interference free high capacity grids. They provide the model with respect to which everything is compared and calibrated. The grid used in this project is good, but we feel that it could be further improved. We recommend

- ***4) to improve the capacity of the interference free grids and to incorporate more basic features arising from the CRC study or subsequent studies of the use of the spectrum in Canada.***

- ***5) to develop more sophisticated loading strategies using the actual geographical distribution of users.***

For the future, the next step would be the comparison of the effect of the users distribution on the performance of other communications systems for which data are available.

REFERENCES

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Appendix

DETAILED LISTINGS OF SINGLE AND MULTI USER FREQUENCIES

AFTER COMPLETE PROCESSING

1. LIST OF SINGLE-USER FREQUENCIES.

SINGLEUSER FREQUENCIES LIST

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
32	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
33	42.109	46.072	42.109	46.072	42	46	1	0	75.0 *
34	36.164	53.998	36.164	53.998	36	54	1	0	75.0 *
35	47.089	48.294	47.089	48.294	47	48	1	0	25.0
36	40.622	54.701	40.622	54.701	40	55	0	0	31.0
37	48.977	57.288	48.977	57.288	49	57	1	0	30.0
38	41.118	44.090	41.118	44.090	41	44	1	0	75.0 *
39	21.302	26.256	21.302	26.256	21	26	1	0	75.0 *
40	45.081	47.063	45.081	47.063	45	47	1	0	75.0 *
41	45.006	40.871	45.006	40.871	45	41	1	0	58.0
42	49.649	48.818	49.649	48.818	50	49	1	0	52.0
43	46.177	47.955	46.177	47.955	46	48	1	0	31.0
44	54.989	56.970	54.989	56.970	55	57	1	0	75.0 *
45	29.859	76.692	29.859	76.692	30	77	1	0	6.0
46	44.398	45.984	44.398	45.984	44	46	1	0	63.0
47	45.678	47.278	45.678	47.278	46	47	1	0	71.0
48	54.989	48.053	54.989	48.053	55	48	1	0	75.0 *
50	55.980	63.906	55.980	63.906	56	64	1	0	75.0 *
51	55.639	50.450	55.639	50.450	56	50	1	0	9.0
52	44.875	39.824	44.875	39.824	45	40	1	0	56.0
53	60.934	84.712	60.934	84.712	61	85	1	0	75.0 *
54	14.539	34.742	14.539	34.742	14	35	1	0	31.0
55	54.684	62.216	54.684	62.216	55	62	1	0	31.0
56	49.649	48.818	49.649	48.818	50	49	1	0	31.0
57	57.179	56.672	57.179	56.672	57	57	1	0	31.0
58	47.063	45.081	47.063	45.081	47	45	1	0	75.0 *
59	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
61	47.111	48.417	47.111	48.417	47	48	1	0	25.0
62	93.483	62.401	93.483	62.401	94	62	0	0	31.0
63	35.173	56.970	35.173	56.970	35	57	1	0	75.0 *
96	46.072	51.026	46.072	51.026	46	51	1	0	75.0 *
97	50.035	58.952	50.035	58.952	50	59	1	0	75.0 *
98	13.476	9.425	13.476	9.425	13	9	1	0	38.0
99	47.675	47.709	47.675	47.709	48	48	1	0	31.0
100	49.649	48.818	49.649	48.818	50	49	1	0	31.0
101	27.247	61.924	27.247	61.924	27	62	1	0	75.0 *
102	55.980	74.805	55.980	74.805	56	75	1	0	75.0 *
103	45.081	46.072	45.081	46.072	45	46	1	0	75.0 *
104	41.118	46.072	41.118	46.072	41	46	1	0	75.0 *
105	40.127	41.118	40.127	41.118	40	41	1	0	75.0 *
106	93.483	62.401	93.483	62.401	94	62	0	0	31.0
107	53.772	48.109	53.772	48.109	54	48	1	0	11.0
108	41.118	44.090	41.118	44.090	41	44	1	0	75.0 *
109	26.256	27.247	26.256	27.247	26	27	1	0	75.0 *
110	48.053	58.952	48.053	58.952	48	59	1	0	75.0 *
111	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
112	34.720	87.164	34.720	87.164	35	87	1	0	19.0
113	68.290	54.362	68.290	54.362	68	54	1	0	31.0
114	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
115	4.318	89.843	4.318	89.843	4	90	1	0	31.0
116	50.035	58.952	50.035	58.952	50	59	1	0	75.0 *
117	4.882	21.467	4.882	21.467	4	21	1	0	8.0
118	47.089	48.294	47.089	48.294	47	48	1	0	19.0
119	49.237	48.202	50.035	48.053	49	48	1	1	31.0
120	50.083	56.210	50.083	56.210	50	56	1	0	75.0
121	35.173	50.035	35.173	50.035	35	50	1	0	75.0 *
122	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
123	40.127	41.118	40.127	41.118	40	41	1	0	75.0 *
124	45.722	47.432	47.063	47.063	46	47	1	1	50.0
125	49.237	48.202	49.237	48.202	49	48	1	0	69.0
126	50.669	50.019	50.669	50.019	51	50	1	0	75.0
127	53.998	50.035	53.998	50.035	54	50	1	0	75.0 *
160	49.044	56.970	49.044	56.970	49	57	1	0	75.0 *
161	93.787	64.649	93.787	64.649	94	65	1	0	31.0
162	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
163	49.237	48.202	50.035	48.053	49	48	1	1	31.0
164	50.083	56.210	50.083	56.210	50	56	1	0	75.0
165	35.173	50.035	35.173	50.035	35	50	1	0	75.0 *
166	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
167	74.805	26.256	74.805	26.256	75	26	1	0	75.0 *
168	68.290	54.362	68.290	54.362	68	54	1	0	31.0
170	45.960	47.185	47.063	47.063	46	47	1	1	48.0
171	40.127	43.099	40.127	43.099	40	43	1	0	75.0 *

"x" indicates a frequency assigned during the "second processing".

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
172	19.320	38.145	19.320	38.145	19	38	1	0	75.0 *
173	4.318	89.843	4.318	89.843	4	90	1	0	31.0
174	44.090	53.007	44.090	53.007	44	53	1	0	75.0 *
175	24.868	67.359	24.868	67.359	25	67	0	0	5.0
176	92.268	54.146	92.268	54.146	93	54	1	0	31.0
177	95.610	88.057	95.610	88.057	96	88	1	0	31.0
178	43.617	49.711	43.617	49.711	44	50	0	0	44.0
179	54.989	56.970	54.989	56.970	55	57	1	0	75.0 *
180	25.432	27.658	25.432	27.658	25	27	1	0	31.0
182	49.237	48.202	49.237	48.202	49	48	1	0	69.0
183	36.195	42.196	36.195	42.196	36	42	1	0	11.0
184	53.007	37.155	53.007	37.155	53	37	1	0	75.0 *
185	35.045	57.195	35.045	57.195	35	57	1	0	45.0
186	87.685	45.081	87.685	45.081	88	45	1	0	75.0 *
187	46.264	47.463	46.264	47.463	46	47	1	0	70.0
188	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
189	49.237	48.202	50.035	48.053	49	48	1	1	31.0
190	47.063	49.044	47.063	49.044	47	49	1	0	75.0 *
191	44.528	43.951	44.528	43.951	44	44	1	0	75.0
352	35.045	57.195	35.045	57.195	35	57	1	0	31.0
353	44.398	45.984	44.398	45.984	44	46	1	0	46.0
354	15.233	78.848	15.233	78.848	15	79	1	0	31.0
355	49.389	47.771	49.389	47.771	49	48	1	0	47.0
356	49.044	54.989	49.044	54.989	49	55	1	0	75.0 *
357	13.888	88.334	13.888	88.334	14	89	0	0	31.0
358	53.007	37.155	53.007	37.155	53	37	1	0	75.0 *
359	45.526	46.292	45.526	46.292	45	46	1	0	74.0
360	45.722	47 432	47.063	47.063	46	47	1	1	48.0
362	40.622	54.701	40.622	54.701	40	55	0	0	31.0
363	47.675	47.709	47.675	47.709	48	48	1	0	11.0
364	54.293	44.229	54.293	44.229	54	44	1	0	31.0
365	44.528	43.951	44.528	43.951	44	44	1	0	11.0
366	54.989	58.952	54.989	58.952	55	59	1	0	75.0 *
367	57.179	59.752	57.179	59.752	57	60	1	0	31.0
369	16.014	81.004	16.014	81.004	16	81	1	0	31.0
370	26.170	62.924	26.170	62.924	26	63	1	0	31.0
371	13.736	50.358	13.736	50.358	13	50	1	0	67.0
372	50.279	58.674	50.279	58.674	50	59	1	0	31.0
373	42.966	51.744	42.966	51.744	43	52	1	0	31.0
374	46.264	47.463	47.063	47.063	46	47	1	1	44.0
375	49.649	48.818	49.649	48.818	50	49	1	0	5.0
376	28.238	62.915	28.238	62.915	28	63	1	0	75 0 *
377	34.698	87.687	34.698	87.687	35	88	0	0	4.0
379	44.398	45.984	44.398	45.984	44	46	1	0	29.0
380	47.089	48.294	47.089	48.294	47	48	1	0	11.0
381	49.107	47.863	49.107	47.863	49	48	1	0	36.0
383	50.035	55.980	50.035	55.980	50	56	1	0	75.0 *
416	87.685	45.081	87.685	45.081	88	45	1	0	75.0 *
417	42.966	51.744	42.966	51.744	43	52	1	0	31.0
418	71.154	64.926	71.154	64.926	71	65	1	0	31.0
419	49.476	48.017	50.035	48.053	49	48	1	1	31.0
420	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
421	48.053	44.090	48.053	44.090	48	44	1	0	75.0 *
423	60.044	83.591	60.044	83.591	60	84	1	0	31.0
424	68.290	54.362	68.290	54.362	68	54	1	0	31.0
425	48.955	59.906	48.955	59.906	49	60	1	0	8.0
427	56.181	48.417	56.181	48.417	56	48	1	0	71.0
428	29.989	42.750	29.989	42.750	30	43	1	0	14.0
429	48.053	57.961	48.053	57.961	48	58	1	0	75.0 *
430	43.617	52.545	43.617	52.545	44	53	0	0	49.0
431	44.398	45.984	44.398	45.984	44	46	1	0	25.0
432	45.917	47.155	46.072	48.053	46	47	1	2	31.0
433	19.204	61.600	19.204	61.600	19	62	1	0	31.0
434	19.320	38.145	19.320	38.145	19	38	1	0	75.0 *
435	55.980	63.906	55.980	63.906	56	64	1	0	75.0 *
436	45 081	58 952	45.081	58.952	45	59	1	0	75.0 *
437	46.264	47.463	47.063	47.063	46	47	1	1	42.0
438	49.237	48.202	49.237	48.202	49	48	1	0	36.0
439	27.016	61.538	27.016	61.538	27	62	1	0	31.0
440	52.036	55.963	52.036	55.963	52	56	1	0	31.0
441	44.268	49.711	44.268	49.711	44	50	1	0	31.0
442	87.685	45.081	87.685	45.081	88	45	1	0	75.0 *
443	46.199	47.524	46.199	47.524	46	47	1	0	75.0
444	43.617	52.545	43.617	52.545	44	53	0	0	49 0
445	38.235	48.818	38.235	48.818	38	49	1	0	30.0
447	50.930	56 025	50.930	56.025	51	56	1	0	9.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
480	13.888	88.334	13.888	88.334	14	89	0	0	31.0
481	45.852	47.185	47.063	47.063	46	47	1	1	33.0
482	56.181	48.417	56.181	48.417	56	48	1	0	55.0
484	40.127	54.989	40.127	54.989	40	55	1	0	75.0 *
485	88.080	41.734	88.080	41.734	88	42	1	0	31.0
486	46.072	45.081	46.072	45.081	46	45	1	0	75.0 *
487	54.989	53.007	54.989	53.007	55	53	1	0	75.0 *
488	44.398	46.015	44.398	46.015	44	46	1	0	14.0
489	47.063	48.053	47.063	48.053	47	48	1	0	75.0 *
490	49.044	54.989	49.044	54.989	49	55	1	0	75.0 *
491	55.834	74.413	55.834	74.413	56	75	1	0	75.0
492	35.045	57.195	35.045	57.195	35	57	1	0	10.0
493	37.155	52.016	37.155	52.016	37	52	1	0	75.0 *
494	52.015	52.853	52.015	52.853	52	53	1	0	30.0
495	45.526	46.292	45.526	46.292	45	46	1	0	11.0
496	43.074	41.734	43.074	41.734	43	42	1	0	5.0
497	27.016	61.538	27.016	61.538	27	62	1	0	31.0
498	83.979	50.204	83.979	50.204	84	50	1	0	5.0
499	87.685	45.081	87.685	45.081	88	45	1	0	75.0 *
500	4.318	89.843	4.318	89.843	4	90	1	0	31.0
501	39.819	41.118	39.819	41.118	40	41	1	0	25.0
502	45.548	47.155	45.548	47.155	45	47	1	0	71.0
503	84.955	35.789	84.955	35.789	85	36	1	0	6.0
504	93.630	61.924	93.630	61.924	94	62	1	0	75.0 *
506	17.339	83.722	17.339	83.722	17	84	1	0	75.0 *
507	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
508	50.035	58.952	50.035	58.952	50	59	1	0	76.0 *
509	36.164	53.998	36.164	53.998	36	54	1	0	75.0 *
510	49.044	49.044	49.044	49.044	49	49	1	0	75.0 *
511	46.828	75.552	46.828	75.552	47	76	1	0	7.0
544	46.072	45.081	46.072	45.081	46	45	1	0	75.0 *
545	59.943	83.722	59.943	83.722	60	84	1	0	75.0 *
546	45.548	47.155	45.548	47.155	45	47	1	0	59.0
547	47.063	49.044	47.063	49.044	47	49	1	0	75.0 *
549	50.035	55.980	50.035	55.980	50	56	1	0	75.0 *
550	17.165	77.246	17.165	77.246	17	77	1	0	25.0
551	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
552	45.743	47.309	45.743	47.309	46	47	1	0	75.0
553	46.264	40.563	46.264	40.563	46	40	1	0	31.0
554	38.145	49.044	38.145	49.044	38	49	1	0	75.0 *
555	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
557	45.081	58.952	45.081	58.952	45	59	1	0	75.0 *
558	60.934	84.712	60.934	84.712	61	85	1	0	75.0 *
559	45.743	47.309	47.063	47.063	46	47	1	1	64.0
560	49.237	48.202	49.237	48.202	49	48	1	0	31.0
561	71.832	30.219	71.832	30.219	72	30	1	0	75.0 *
562	54.033	49.773	54.033	49.773	54	50	1	0	63.0
563	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
564	54.989	56.970	54.989	56.970	55	57	1	0	75.0 *
565	50.035	47.063	50.035	47.063	50	47	1	0	75.0 *
566	46.264	47.463	46.264	47.463	46	47	1	0	75.0
567	40.492	43.274	40.492	43.274	40	43	1	0	31.0
568	51.026	50.035	51.026	50.035	51	50	1	0	75.0 *
569	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
570	42.966	51.744	42.966	51.744	43	52	1	0	31.0
571	45.081	40.127	45.081	40.127	45	40	1	0	75.0 *
572	45.548	47.155	45.548	47.155	45	47	1	0	53.0
574	51.537	55.255	51.537	55.255	52	55	0	0	31.0
575	27.247	61.924	27.247	61.924	27	62	1	0	75.0 *
608	42.109	46.072	42.109	46.072	42	46	1	0	75.0 *
609	44.398	45.984	44.398	45.984	44	46	1	0	11.0
610	45.917	47.185	45.917	47.185	46	47	1	0	75.0
611	14.366	35.173	14.366	35.173	14	35	1	0	75.0 *
612	80.594	67.852	80.594	67.852	01	68	1	0	4.0
613	41.118	44.090	41.118	44.090	41	44	1	0	75.0 *
614	21.222	26.334	21.222	26.334	21	26	1	0	31.0
615	33.191	53.007	33.191	53.007	33	53	1	0	75.0 *
616	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
617	56.181	40.417	56.181	40.417	56	48	1	0	19.0
618	52.016	54.989	52.016	54.989	52	55	1	0	75.0 *
619	27.247	61.924	27.247	61.924	27	62	1	0	75.0 *
620	13.888	88.334	13.888	88.334	14	89	0	0	31.0
621	53.187	51.528	53.187	51.528	53	52	0	0	48.0
622	42.966	51.744	42.966	51.744	43	52	1	0	31.0
623	16.210	15.739	16.210	15.739	16	15	1	0	31.0
624	45.548	47.155	45.548	47.155	45	47	1	0	49.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
625	47.479	48.664	47.479	48.664	47	49	1	0	75.0
626	18.330	50.035	18.330	50.035	18	50	1	0	75.0 *
627	35.173	56.970	35.173	56.970	35	57	1	0	75.0 *
628	17.099	84.084	17.099	84.084	17	84	1	0	26.0
629	15.233	78.848	15.233	78.848	15	79	1	0	7.0
630	72.478	29.660	72.478	29.660	73	29	1	0	22.0
631	50.035	49.044	50.035	49.044	50	49	1	0	75.0 *
632	53.007	37.155	53.007	37.155	53	37	1	0	75.0 *
633	15.602	57.288	15.602	57.288	15	57	1	0	31.0
635	44.702	59.074	44.702	59.074	45	59	1	0	58.0
636	47.089	48.294	47.089	48.294	47	48	1	0	36.0
637	49.324	48.417	50.035	48.053	49	48	1	1	31.0
638	38.756	50.111	38.756	50.111	39	50	1	0	31.0
639	28.839	62.986	28.839	62.986	29	63	1	0	31.0
672	42.109	51.026	42.109	51.026	42	51	1	0	75.0 *
673	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
674	48.053	48.053	48.053	48.053	48	48	1	0	75.0 *
675	36.164	53.998	36.164	53.998	36	54	1	0	75.0 *
676	13.844	68.222	13.844	68.222	13	68	1	0	4.0
677	36.164	42.109	36.164	42.109	36	42	1	0	75.0 *
679	41.118	46.072	41.118	46.072	41	46	1	0	75.0 *
680	24.274	53.998	24.274	53.998	24	54	1	0	75.0 *
681	45.548	47.155	45.548	47.155	45	47	1	0	48.0
683	49.237	48.202	50.035	48.053	49	48	1	1	31.0
684	46.072	51.026	46.072	51.026	46	51	1	0	75.0 *
685	41.056	38.223	41.056	38.223	41	38	1	0	8.0
686	12.955	58.705	12.955	58.705	13	59	1	0	31.0
687	53.143	53.900	53.143	53.900	53	54	1	0	31.0
688	45.722	47.432	45.722	47.432	46	47	1	0	75.0
689	55.031	49.187	55.031	49.187	55	49	1	0	33.0
690	19.443	38.253	19.443	38.253	19	38	1	0	31.0
691	55.980	63.906	55.980	63.906	56	64	1	0	75.0 *
692	42.966	51.744	42.966	51.744	43	52	1	0	31.0
693	33.191	53.007	33.191	53.007	33	53	1	0	75.0 *
695	45.917	47.155	46.072	48.053	46	47	1	2	31.0
696	35.173	50.035	35.173	50.035	35	50	1	0	75.0 *
697	81.740	32.201	81.740	32.201	82	32	1	0	75.0 *
698	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
699	54.989	53.007	54.989	53.007	55	53	1	0	75.0 *
700	49.237	48.202	49.237	48.202	49	48	1	0	31.0
702	55.980	74.805	55.980	74.805	56	75	1	0	75.0 *
703	55.980	51.026	55.980	51.026	56	51	1	0	75.0 *
736	55.980	63.906	55.980	63.906	56	64	1	0	75.0 *
737	33.191	53.007	33.191	53.007	33	53	1	0	75.0 *
738	49.324	48.417	50.035	48.053	49	48	1	1	31.0
739	46.199	47.524	46.072	48.053	46	47	1	2	25.0
740	72.823	29.228	72.823	29.228	73	29	1	0	75.0 *
741	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
742	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
743	43.099	52.016	43.099	52.016	43	52	1	0	75.0 *
744	44.680	52.514	44.680	52.514	45	53	0	0	60.0
745	47.089	48.294	47.089	48.294	47	48	1	0	33.0
746	40.127	41.118	40.127	41.118	40	41	1	0	75.0 *
747	39.429	49.588	39.429	49.588	39	50	1	0	31.0
748	26.018	43.674	26.018	43.674	26	44	1	0	16.0
749	53.998	44.090	53.998	44.090	54	44	1	0	75.0 *
750	13.345	27.104	13.345	27.104	13	27	1	0	14.0
751	14.366	35.173	14.366	35.173	14	35	1	0	75.0 *
752	47.675	47.709	47.675	47.709	48	48	1	0	75.0
753	50.035	49.044	50.035	49.044	50	49	1	0	75.0 *
754	40.427	49.619	40.427	49.619	40	50	1	0	69.0
755	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
757	42.109	46.072	42.109	46.072	42	46	1	0	75.0 *
759	47.111	48.417	47.111	48.417	47	48	1	0	31.0
760	40.969	44.537	40.969	44.537	41	44	1	0	31.0
761	38.756	50.111	38.756	50.111	39	50	1	0	31.0
763	43.660	52.914	43.660	52.914	44	53	1	0	31.0
765	45.917	47.155	46.072	48.053	46	47	1	2	25.0
766	72.823	29.228	72.823	29.228	73	29	1	0	75.0 *
767	51.026	50.035	51.026	50.035	51	50	1	0	75.0 *
800	82.048	32.155	82.048	32.155	82	32	1	0	67.0
801	53.007	52.016	53.007	52.016	53	52	1	0	75.0 *
802	45.548	47.155	45.548	47.155	45	47	1	0	41.0
803	47.111	48.417	47.111	48.417	47	48	1	0	31.0
804	30.727	49.064	30.727	49.064	31	49	0	0	16.0
805	38.756	50.111	38.756	50.111	39	50	1	0	31.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	QX	QY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
806	29.228	62.915	29.228	62.915	29	63	1	0	75.0 *
807	44.090	44.090	44.090	44.090	44	44	1	0	75.0 *
808	25.265	27.247	25.265	27.247	25	27	1	0	75.0 *
809	49.237	48.202	49.237	48.202	49	48	1	0	31.0
811	16.348	80.749	16.348	80.749	16	81	1	0	75.0 *
812	55.980	51.026	55.980	51.026	56	51	1	0	75.0 *
814	45.081	46.072	45.081	46.072	45	46	1	0	75.0 *
815	68.290	54.362	68.860	53.998	68	54	1	1	28.0
816	49.237	48.202	50.035	48.053	49	48	1	1	22.0
817	45.743	47.309	46.072	48.053	46	47	1	2	19.0
818	35.173	50.035	35.173	50.035	35	50	1	0	75.0 *
819	46.072	45.081	46.072	45.081	46	45	1	0	75.0 *
820	42.109	46.072	42.109	46.072	42	46	1	0	75.0 *
821	55.248	52.668	55.248	52.668	55	53	1	0	19.0
822	45.743	47.309	47.063	47.063	46	47	1	1	59.0
823	54.684	48.048	54.684	48.048	55	48	1	0	31.0
824	51.026	50.035	51.026	50.035	51	50	1	0	75.0 *
825	54.033	49.773	54.033	49.773	54	50	1	0	28.0
826	40.883	45.707	40.883	45.707	41	46	1	0	75.0
827	44.090	46.072	44.090	46.072	44	46	1	0	75.0 *
828	45.917	47.155	45.917	47.155	46	47	1	0	75.0
829	47.653	48.972	47.653	48.972	48	49	1	0	69.0
830	38.145	49.044	38.145	49.044	38	49	1	0	75.0 *
831	47.610	44.198	47.610	44.198	48	44	1	0	31.0
864	42.109	46.072	42.109	46.072	42	46	1	0	75.0 *
865	43.099	52.016	43.099	52.016	43	52	1	0	75.0 *
866	46.264	47.463	47.063	47.063	46	47	1	1	59.0
867	54.684	48.048	54.684	48.048	55	48	1	0	31.0
868	45.081	41.118	45.081	41.118	45	41	1	0	75.0 *
869	.759	25.502	.759	25.502	0	25	1	0	6.0
870	35.173	56.970	35.173	56.970	35	57	1	0	75.0 *
871	33.191	53.007	33.191	53.007	33	53	1	0	75.0 *
872	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
873	49.389	47.771	50.035	48.053	49	48	1	1	16.0
874	45.743	47.309	46.072	48.053	46	47	1	2	14.0
875	54.989	56.970	54.989	56.970	55	57	1	0	75.0 *
876	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
877	21.302	26.256	21.302	26.256	21	26	1	0	75.0 *
878	24.022	53.099	24.022	53.099	24	53	1	0	22.0
879	6.900	21.375	6.900	21.375	6	21	1	0	14.0
880	13.237	36.652	13.237	36.652	13	36	0	0	5.0
881	47.111	48.417	47.111	48.417	47	48	1	0	31.0
882	18.184	50.512	18.184	50.512	18	50	0	0	36.0
883	39.136	50.035	39.136	50.035	39	50	1	0	75.0 *
884	56.970	56.970	56.970	56.970	57	57	1	0	75.0 *
885	45.743	47.309	45.743	47.309	46	47	1	0	75.0
886	48.053	47.063	48.053	47.063	48	47	1	0	75.0 *
887	49.237	48.202	50.035	48.053	49	48	1	1	11.0
888	47.479	48.664	47.479	48.664	47	49	1	0	71.0
889	93.630	61.924	93.630	61.924	94	62	1	0	75.0 *
890	45.081	40.127	45.081	40.127	45	40	1	0	75.0 *
892	46.264	47.463	47.063	47.063	46	47	1	1	57.0
893	50.035	49.044	50.035	49.044	50	49	1	0	75.0 *
894	27.247	61.924	27.247	61.924	27	62	1	0	75.0 *
895	53.998	50.035	53.998	50.035	54	50	1	0	75.0 *
928	44.090	46.072	44.090	46.072	44	46	1	0	75.0 *
929	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
930	53.056	66.158	53.056	66.158	53	66	1	0	6.0
931	68.290	54.362	68.290	54.362	68	54	1	0	75.0
932	47.479	48.664	47.479	48.664	47	49	1	0	31.0
933	53.007	37.155	53.007	37.155	53	37	1	0	75.0 *
934	31.210	19.320	31.210	19.320	31	19	1	0	75.0 *
935	41.118	46.072	41.118	46.072	41	46	1	0	75.0 *
936	43.660	52.914	43.660	52.914	44	53	1	0	31.0
937	45.743	47.309	45.743	47.309	46	47	1	0	75.0
938	47.653	48.972	47.653	48.972	48	49	1	0	31.0
939	38.145	49.044	38.145	49.044	38	49	1	0	75.0 *
940	44.090	44.090	44.090	44.090	44	44	1	0	75.0 *
941	46.072	45.081	46.072	45.081	46	45	1	0	75.0 *
942	42.228	46.107	42.228	46.107	42	46	1	0	31.0
943	40.127	41.118	40.127	41.118	40	41	1	0	75.0 *
944	45.743	47.309	47.063	47.063	46	47	1	1	55.0
945	49.085	48.664	49.085	48.664	49	49	1	0	31.0
946	51.026	50.035	51.026	50.035	51	50	1	0	75.0 *
947	50.035	55.980	50.035	55.980	50	56	1	0	75.0 *
948	81.158	40.163	81.158	40.163	81	40	1	0	14.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
949	33.635	53.438	33.635	53.438	33	53	1	0	75.0
950	62.561	46.693	62.561	46.693	63	47	1	0	19.0
951	46.072	49.044	46.072	49.044	46	49	1	0	75.0 *
952	47.653	48.972	47.653	48.972	48	49	1	0	31.0
953	19.320	38.145	19.320	38.145	19	38	1	0	75.0 *
954	53.007	52.016	53.007	52.016	53	52	1	0	75.0 *
955	21.302	26.256	21.302	26.256	21	26	1	0	75.0 *
956	49.324	48.417	49.324	48.417	49	48	1	0	75.0
957	71.832	42.109	71.832	42.109	72	42	1	0	75.0 *
958	47.479	48.664	47.479	48.664	47	49	1	0	31.0
959	55.595	51.467	55.595	51.467	56	51	1	0	55.0
993	33.635	53.438	33.635	53.438	33	53	1	0	27.0
995	46.199	47.524	46.072	48.053	46	47	1	2	14.0
996	48.053	49.044	48.053	49.044	48	49	1	0	75.0 *
997	44.090	44.090	44.090	44.090	44	44	1	0	75.0 *
998	14.366	88.676	14.366	88.676	14	89	1	0	75.0 *
999	37.155	52.016	37.155	52.016	37	52	1	0	75.0 *
1000	45.081	53.007	45.081	53.007	45	53	1	0	75.0 *
1001	45.830	47.247	47.063	47.063	46	47	1	1	52.0
1002	50.035	49.044	50.035	49.044	50	49	1	0	75.0 *
1003	43.291	42.966	43.291	42.966	43	43	1	0	8.0
1004	53.998	50.035	53.998	50.035	54	50	1	0	75.0 *
1005	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
1006	40.036	52.883	40.036	52.883	40	53	1	0	22.0
1007	46.199	47.524	46.199	47.524	46	47	1	0	75.0
1008	40.839	48.541	42.109	48.053	41	48	1	1	31.0
1009	57.461	48.695	57.461	48.695	57	49	0	0	31.0
1010	47.479	48.664	47.479	48.664	47	49	1	0	25.0
1011	44.090	44.090	44.090	44.090	44	44	1	0	75.0 *
1012	53.794	59.382	53.794	59.382	54	59	1	0	31.0
1013	73.814	27.247	73.814	27.247	74	27	1	0	75.0 *
1014	43.291	41.826	43.291	41.826	43	42	1	0	31.0
1015	47.675	47.709	47.675	47.709	48	48	1	0	71.0
1016	29.228	44.090	29.228	44.090	29	44	1	0	75.0 *
1017	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
1018	46.072	45.081	46.072	45.081	46	45	1	0	75.0 *
1019	5.186	20.821	5.186	20.821	5	21	0	0	38.0
1020	45.548	47.155	45.548	47.155	45	47	1	0	38.0
1021	47.111	48.417	47.111	48.417	47	48	1	0	31.0
1023	39.136	50.035	39.136	50.035	39	50	1	0	75.0 *
1056	4.459	89.666	4.459	89.666	4	90	1	0	75.0 *
1057	73.814	27.247	73.814	27.247	74	27	1	0	75.0 *
1058	45.743	47.309	45.743	47.309	46	47	1	0	75.0
1059	47.675	47.709	47.675	47.709	48	48	1	0	67.0
1060	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
1061	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
1062	48.053	44.090	48.053	44.090	48	44	1	0	75.0 *
1063	54.597	59.382	54.597	59.382	55	59	1	0	31.0
1064	45.081	58.952	45.081	58.952	45	59	1	0	75.0 *
1065	49.237	48.202	49.237	48.202	49	48	1	0	75.0
1066	45.548	47.155	45.548	47.155	45	47	1	0	29.0
1067	47.479	48.664	47.479	48.664	47	49	1	0	12.0
1068	55.980	51.026	55.980	51.026	56	51	1	0	75.0 *
1069	46.072	51.026	46.072	51.026	46	51	1	0	75.0 *
1070	45.081	46.072	45.081	46.072	45	46	1	0	75.0 *
1071	76.275	53.037	76.275	53.037	76	53	0	0	7.0
1072	49.237	48.202	50.035	48.053	49	48	1	1	31.0
1074	44.090	44.090	44.090	44.090	44	44	1	0	75.0 *
1075	4.459	89.666	4.459	89.666	4	90	1	0	75.0 *
1076	73.237	83.560	73.237	83.560	73	84	1	0	31.0
1077	44.090	46.072	44.090	46.072	44	46	1	0	75.0 *
1078	47.111	48.417	47.111	48.417	47	48	1	0	31.0
1079	49.237	48.202	49.237	48.202	49	48	1	0	75.0
1080	74.496	55.686	74.496	55.686	75	56	1	0	31.0
1081	29.228	62.915	29.228	62.915	29	63	1	0	75.0 *
1082	55.980	51.026	55.980	51.026	56	51	1	0	75.0 *
1083	13.736	78.355	13.736	78.355	13	79	1	0	31.0
1084	45.743	47.309	45.743	47.309	46	47	1	0	75.0
1085	47.675	47.709	47.675	47.709	48	48	1	0	63.0
1086	40.622	54.701	40.622	54.701	40	55	0	0	31.0
1087	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
1120	54.989	56.970	54.989	56.970	55	57	1	0	75.0 *
1121	45.548	47.155	45.548	47.155	45	47	1	0	19.0
1122	46.199	47.524	47.063	47.063	46	47	1	1	52.0
1123	49.237	48.202	49.237	48.202	49	48	1	0	75.0
1124	50.035	55.980	50.035	55.980	50	56	1	0	75.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1125	53.998	50.035	53.998	50.035	54	50	1	0	75.0 *
1126	44.090	52.016	44.090	52.016	44	52	1	0	75.0 *
1127	53.007	52.016	53.007	52.016	53	52	1	0	75.0 *
1129	51.026	54.989	51.026	54.989	51	55	1	0	75.0 *
1130	47.111	48.417	47.111	48.417	47	48	1	0	31.0
1131	40.127	43.099	40.127	43.099	40	43	1	0	75.0 *
1133	81.740	32.201	81.740	32.201	82	32	1	0	75.0 *
1134	73.814	27.247	73.814	27.247	74	27	1	0	75.0 *
1135	71.935	85.470	71.935	85.470	72	86	1	0	31.0
1136	72.823	29.228	72.823	29.228	73	29	1	0	75.0 *
1137	47.675	47.709	47.675	47.709	48	48	1	0	41.0
1138	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
1139	40.127	50.035	40.127	50.035	40	50	1	0	75.0 *
1140	44.090	46.072	44.090	46.072	44	46	1	0	75.0 *
1141	45.743	47.309	45.743	47.309	46	47	1	0	75.0
1143	48.890	54.762	48.890	54.762	49	55	1	0	49.0
1144	41.118	49.044	41.118	49.044	41	49	1	0	75.0 *
1145	2.300	25.471	2.300	25.471	2	25	1	0	22.0
1146	55.986	57.503	55.986	57.503	56	58	1	0	15.0
1147	15.357	78.768	15.357	78.768	15	79	1	0	75.0 *
1148	80.832	40.810	80.832	40.810	81	41	1	0	31.0
1149	49.649	48.725	49.649	48.725	50	49	1	0	75.0
1150	27.247	61.924	27.247	61.924	27	62	1	0	75.0 *
1151	42.098	50.974	42.098	50.974	42	51	1	0	31.0
1184	44.090	46.072	44.090	46.072	44	46	1	0	75.0 *
1185	81.740	32.201	81.740	32.201	82	32	1	0	75.0 *
1186	49.044	59.943	49.044	59.943	49	60	1	0	75.0 *
1187	68.290	54.362	68.290	54.362	68	54	1	0	39.0
1188	47.479	48.664	47.479	48.664	47	49	1	0	4.0
1189	52.666	36.806	52.666	36.806	53	37	1	0	75.0
1190	46.072	51.026	46.072	51.026	46	51	1	0	75.0 *
1191	26.256	27.247	26.256	27.247	26	27	1	0	75.0 *
1193	53.007	53.998	53.007	53.998	53	54	1	0	75.0 *
1194	47.675	47.709	47.675	47.709	48	48	1	0	41.0
1195	44.090	50.035	44.090	50.035	44	50	1	0	75.0 *
1196	44.528	43.951	44.528	43.951	44	44	1	0	75.0
1197	43.099	52.016	43.099	52.016	43	52	1	0	75.0 *
1198	45.081	58.952	45.081	58.952	45	59	1	0	75.0 *
1199	45.548	47.155	45.548	47.155	45	47	1	0	19.0

2. LIST OF MULTIUSER FREQUENCIES.

MULTIUSER FREQUENCIES LIST

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
0	45.722	50.851	45.722	50.851	46	51	1	0	8.9
0	52.991	50.820	52.991	50.820	53	51	1	0	8.9
0	41.989	38.192	41.989	38.192	42	38	1	0	8.9
0	48.022	45.430	48.022	45.430	48	45	1	0	8.9
0	41.078	26.365	41.078	26.365	41	26	1	0	8.9
1	4.427	20.913	3.468	21.302	4	21	1	3	21.5
1	12.239	39.177	12.239	39.177	12	39	1	0	21.5
1	11.349	26.426	11.349	26.426	11	26	1	0	21.5
1	22.546	20.359	22.546	20.359	22	20	1	0	21.5
2	5.815	21.098	6.440	21.302	5	21	1	1	60.0
2	26.257	27.196	26.257	27.196	26	27	1	0	60.0
2	20.311	28.238	20.311	28.238	20	28	1	0	60.0 x
3	49.215	47.986	49.215	47.986	49	48	1	0	60.0
3	54.684	48.048	54.684	48.048	55	48	1	0	60.0
3	35.848	42.411	35.848	42.411	36	42	1	0	60.0
3	53.490	65.573	53.490	65.573	53	66	0	0	60.0
3	41.816	48.171	41.816	48.171	42	48	1	0	60.0
3	29.902	60.984	29.902	60.984	30	61	1	0	60.0
3	30.662	48.725	30.662	48.725	30	49	1	0	60.0
3	42.315	41.303	42.315	41.303	42	41	1	0	60.0
3	46.980	53.961	46.980	53.961	47	54	1	0	60.0
3	28.666	54.762	28.666	54.762	28	55	1	0	60.0
3	42.554	60.337	42.554	60.337	42	60	1	0	60.0
3	53.007	53.998	53.007	53.998	53	54	1	0	60.0 x
4	44.268	49.896	45.081	50.035	44	50	1	1	60.0
4	41.881	24.116	41.881	24.116	42	24	1	0	60.0
4	35.262	22.915	36.164	23.284	35	23	1	1	60.0
4	39.136	49.044	39.136	49.044	39	49	1	0	60.0 x
5	19.052	37.483	19.052	37.483	19	37	1	0	23.2
5	12.282	35 882	13.376	36.164	12	36	1	1	23.2
5	4.579	43.428	3.468	43.099	4	43	1	3	23.2
5	8.029	18.018	8.029	18.018	8	18	1	0	23.2
5	24.781	25.317	24.781	25.317	25	25	0	0	23.2
5	15.298	18.387	15.298	18.387	15	18	1	0	23.2
5	5.273	24.671	6.440	24.274	5	24	1	1	23.2
6	55.617	63.540	55.617	63.540	56	64	1	0	9.6
6	75.516	84.792	75.795	83.722	76	85	1	4	9.6
6	47.848	87.749	48.053	88.676	48	88	1	2	9.6
6	59.545	68.930	59.545	68.930	60	69	1	0	9.6
7	73.888	26.673	73.888	26.673	74	26	1	0	11.7
7	74 908	19.989	75.795	20.311	75	20	1	1	11.7
7	62.539	19.989	62.539	19.989	63	20	1	0	11.7
7	72.521	6.899	72.521	6.899	73	6	1	0	11.7
8	40.883	45.645	40.883	45.645	41	46	1	0	60.0
8	12.239	39.177	13.376	39.136	12	39	1	1	60.0
8	35 173	47.063	35.173	47.063	35	47	1	0	60.0 x
9	49.107	47.863	50.035	48.053	49	48	1	1	60.0
9	54.684	48.048	55.980	47.063	55	48	1	5	60.0
9	42.402	60.891	42.402	60.891	42	61	1	0	60.0
9	55.140	72.780	55.140	72.780	55	73	1	0	60.0
9	62.930	54.269	62.930	54.269	63	54	1	0	60.0
9	36.499	59.937	36.499	59.937	36	60	1	0	60.0
9	42.185	73.273	42.185	73.273	42	73	1	0	60.0
9	48.053	60.934	48.053	60.934	48	61	1	0	60.0 x
10	45.960	47.185	45.960	47.185	46	47	1	0	60.0
10	40.127	54.989	40.127	54.989	40	55	1	0	60.0 x
11	47.479	48.664	48.053	49.044	47	49	1	1	60.0
11	54.684	48.048	54.989	49.044	55	48	1	2	60.0
11	67.357	49.957	67.357	49.957	67	50	0	0	60.0
11	46.072	43.099	46.072	43.099	46	43	1	0	60.0 x
12	44.268	49.896	44.090	51.026	44	50	1	2	60.0
12	51.038	51.159	51.038	51.159	51	51	1	0	60.0
12	47.610	44.198	47.610	44.198	48	44	1	0	60 0
12	29.186	43.797	29.186	43.797	29	44	1	0	60.0
12	35.110	43.428	35.110	43.428	35	43	1	0	60.0
12	55 552	38.377	55.552	38.377	56	38	1	0	60.0
12	32.463	56.980	32.463	56.980	32	57	1	0	60.0
12	38.145	49.044	38.145	49.044	38	49	1	0	60.0 x
13	72.152	90.798	72.823	90.657	72	91	1	1	60.0
13	59.241	84.423	59.943	83.722	59	85	1	5	60.0
13	72.823	83.722	72.823	83.722	73	84	1	0	60.0 x
14	73.411	27.412	73.411	27.412	74	27	1	0	60.0
14	72.890	7.330	72.890	7.330	73	7	1	0	60.0

"x" indicates a frequency assigned during the "second processing".

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
14	65.317	8.778	65.888	7.431	65	8	1	5	60.0
14	64.384	1.663	64.384	1.663	64	1	0	0	60.0
14	63.711	13.675	63.711	13.675	64	13	1	0	60.0
14	53.998	20.311	53.998	20.311	54	20	1	0	60.0 *
15	54.684	48.048	54.989	47.063	55	48	1	4	31.6
15	42.228	46.107	42.228	46.107	42	46	1	0	31.6
15	50.973	54.485	50.973	54.485	51	54	0	0	31.6
15	30.662	47.370	30.662	47.370	30	47	1	0	31.6
15	43.834	39.763	43.834	39.763	44	40	1	0	31.6
15	45.179	51.559	45.179	51.559	45	52	1	0	31.6
15	32.463	59.752	32.463	59.752	32	60	1	0	31.6
15	38.951	53.499	38.951	53.499	39	53	0	0	31.6
15	50.127	66.312	50.127	66.312	50	66	1	0	31.6
15	36.044	46.569	36.044	46.569	36	47	0	0	31.6
15	48.738	46.693	49.044	46.072	49	47	1	4	31.6
15	52.145	59.906	52.145	59.906	52	60	1	0	31.6
16	49.801	48.510	51.026	48.053	50	40	1	1	60.0
16	71.783	30.307	71.783	30.307	72	30	1	0	60.0
16	71.870	42.301	71.870	42.381	72	42	1	0	60.0
16	50.973	35.112	50.973	35.112	51	35	1	0	60.0
16	72.823	54.989	72.823	54.989	73	55	1	0	60.0 *
17	47.045	48.664	47.045	48.664	47	49	1	0	60.0
17	50.083	56.210	50.083	56.210	50	56	1	0	60.0
17	52.904	36.744	52.904	36.744	53	37	1	0	60.0
17	36.130	42.596	36.130	42.596	36	42	0	0	60.0
17	48.630	43.428	48.630	43.428	49	43	1	0	60.0
17	42.901	42.134	42.901	42.134	43	42	1	0	60 0
17	41.118	48.053	41.118	48.053	41	48	1	0	60.0 *
18	49.324	47.740	49.044	49.044	49	48	1	2	60.0
18	44.268	49.896	43.099	50.035	44	50	1	3	60.0
18	51.754	54.947	51.754	54.947	52	55	1	0	60.0
18	25.931	43.890	25.931	43.890	26	44	1	0	60.0
18	27.581	64.002	27.581	64 002	27	64	1	0	60.0
18	37.194	68.468	37.194	68.468	37	69	1	0	60.0
18	45.830	62.678	45.830	62.678	46	63	1	0	60.0
18	26.930	57.195	26.930	57.195	27	57	1	0	60.0
18	38 474	43.305	30.474	43.305	38	43	1	0	60.0
18	37.155	50.035	37.155	50.035	37	50	1	0	60.0 *
19	44.268	49.896	45.081	51.026	44	58	1	6	60 0
19	51.038	51.159	52.016	51.026	51	51	1	1	60.0
19	48.022	58.058	48.022	58.058	48	58	1	0	60.0
19	61.302	57.072	61.302	57.072	61	57	1	0	60.0
19	47.063	45.081	47.063	45.081	47	45	1	0	60.0 *
20	87.993	45.399	87.993	45.399	88	45	1	0	60.0
20	74.995	26.457	74.995	26.457	75	26	1	0	60.0
20	84.712	19.320	84.712	19.320	85	19	1	0	60.0 *
21	15.776	78.663	15.776	78.663	15	79	1	0	12.1
21	13.758	83.375	13.376	84.712	13	84	1	2	12.1
21	3.125	91.876	3.125	91.876	3	92	1	0	12.1
22	54.684	48.048	53.998	48.053	55	48	1	3	7.5
22	72.868	27.535	72.868	27.535	73	27	1	0	7.5
22	76.731	53.438	77.777	53.007	77	53	1	1	7.5
22	57.874	40.964	57.874	40.964	50	41	1	0	7.5
23	49.107	47.863	50.035	48.053	49	48	1	1	60.0
23	44.268	49.896	44.098	49.044	44	50	1	4	60.0
23	56.355	47.832	56.970	48.053	56	48	1	1	60.0
23	32.615	62.308	32.615	62.308	32	62	1	0	60.0
23	28.926	43.366	28.926	43.366	29	43	1	0	60.0
23	35.544	42.319	35.544	42.319	35	42	1	0	60.0
23	47.892	41.703	47.892	41.703	48	42	1	0	60.0
23	48.174	53.592	48.174	53.592	48	54	1	0	60.0
23	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
24	5.967	19.712	7.431	18.330	6	19	1	5	9.6
24	12.152	24.701	12.152	24.701	12	24	1	0	9.6
24	34.199	4.312	33.191	5.449	34	4	1	7	9.6
25	77.838	55.902	77.838	55.902	78	56	1	0	60.0
25	81.114	30.245	79.759	30.219	81	30	1	3	60.0
25	58.952	45.081	58.952	45.081	59	45	1	0	60.0 *
26	44.268	49.896	44.090	51.026	44	50	1	2	60.0
26	26.452	39.547	26.452	39.547	26	39	1	0	60.0
26	37.758	32.802	37.758	32 802	38	33	1	0	60.0
26	24.629	56.980	24.629	56.980	24	57	1	0	60.0
26	36.152	57.996	36.152	57.996	36	58	1	0	60.0
26	43.226	58.119	43.226	58.119	43	58	1	0	60.0
26	49.498	44.752	49 498	44.752	49	45	1	0	60.0
26	51.026	52.016	51.026	52.016	51	52	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	DY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
27	12.998	78.601	14.366	78.768	13	79	1	1	60.0
27	21.960	71.394	21.960	71.394	22	72	1	0	60.0
27	13.376	58.952	13.376	58.952	13	59	1	0	60.0 *
28	80.485	40.841	80.485	40.841	81	41	1	0	60.0
28	72.196	27.997	72.196	27.997	72	28	1	0	60.0
28	91.357	47.370	91.357	47.370	92	47	1	0	60.0
28	77.447	28.428	77.447	28.428	78	28	1	0	60.0
28	67.869	53.998	67.869	53.998	68	54	1	0	60.0 *
29	49.042	47.925	49.042	47.925	49	48	1	0	60.0
29	54.684	48.048	55.980	48.053	55	48	1	1	60.0
29	71.263	42.011	71.263	42.011	71	42	1	0	60.0
29	43.487	48.571	43.487	48.571	43	49	0	0	60.0
29	50.973	54.485	50.973	54.485	51	54	0	0	60.0
30	13.910	82.174	15.357	81.740	14	82	1	1	60.0
30	21.895	55.963	21.895	55.963	22	56	1	0	60.0
30	27.247	61.924	27.247	61.924	27	62	1	0	60.0 *
31	41.881	24.116	41.881	24.116	42	24	1	0	10.9
31	52.709	30.215	52.709	30.215	53	30	1	0	10.9
31	43.400	6.468	42.109	5.449	43	6	1	8	10.9
31	36.282	24.979	36.282	24.979	36	25	1	0	10.9
49	14.322	81.004	14.322	81.004	14	81	1	0	19.1
49	16.817	62.401	16.817	62.401	16	62	0	0	19.1
60	64.449	2.895	64.449	2.895	65	2	1	0	60.0
60	75.104	27.165	75.795	27.247	75	27	1	1	60.0
60	70.841	21.302	70.841	21.302	71	21	1	0	60.0 *
64	87.972	45.368	87.972	45.368	88	45	1	0	60.0
64	73.953	26.395	73.953	26.395	74	26	1	0	60.0
64	84.712	19.320	84.712	19.320	85	19	1	0	60.0 *
65	46.199	47.524	46.199	47.524	46	47	1	0	60.0
65	25.779	26.796	25.779	26.796	26	27	0	0	60.0
65	39.819	46.292	39.819	46.292	40	46	1	0	60.0
65	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
66	54.684	48.048	54.989	47.063	55	48	1	4	60.0
66	47.848	46.600	47.848	46.600	48	47	1	0	60.0
66	48.521	59.074	48.521	59.074	48	59	1	0	60.0
66	42.054	46.877	42.054	46.877	42	47	1	0	60.0
66	42.705	71.887	42.705	71.887	43	72	1	0	60.0
66	55.443	72.903	55.443	72.903	55	73	1	0	60.0
66	39.951	53.499	40.127	53.007	39	53	1	1	60.0
66	34.525	66.097	34.525	66.097	34	66	1	0	60.0
66	52.991	65.111	52.991	65.111	53	65	1	0	60.0
66	46.221	53.222	46.221	53.222	46	53	1	0	60.0
66	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
67	49.389	47.771	50.035	48.053	49	48	1	1	60.0
67	44.268	49.896	44.090	49.044	44	50	1	4	60.0
67	68.290	54.362	68.290	54.362	68	54	1	0	60.0
67	56.203	48.510	56.970	48.053	56	48	1	1	60.0
67	44.290	42.442	44.290	42.442	44	42	1	0	60.0
67	49.888	60.429	49.888	60.429	50	60	0	0	60.0
67	48.053	53.998	48.053	53.998	48	54	1	0	60.0 *
68	47.045	48.664	47.045	48.664	47	49	1	0	60.0
68	40.127	41.118	40.127	41.118	40	41	1	0	60.0 *
69	77.729	55.686	77.729	55.686	78	56	1	0	60.0
69	72.695	31.631	72.695	31.631	73	31	1	0	60.0
69	49.044	50.035	49.044	50.035	49	50	1	0	60.0 *
70	5.642	20.667	6.440	20.311	5	20	1	1	60.0
70	15.841	6.683	16.348	6.440	15	6	1	1	60.0
70	31.210	19.320	31.210	19.320	31	19	1	0	60.0 *
71	96.022	59.752	95.611	58.952	96	60	1	4	2.2
71	81.896	58.212	82.731	57.961	82	58	1	1	2.2
72	4.188	21.406	4.459	22.293	4	21	1	2	10.7
72	21.027	27.720	21.027	27.720	21	27	0	0	10.7
73	6.944	22.699	6.944	22.699	7	22	0	0	60.0
73	7.161	34.496	7.161	34.496	7	34	1	0	60.0
73	19.320	35.173	19.320	35.173	19	35	1	0	60.0 *
74	14.582	34.711	15.357	35.173	14	35	1	1	60.0
74	3.125	22.268	2.477	23.284	3	22	1	7	60.0
74	16.036	16.293	15.357	15.357	16	16	1	8	60.0
74	8.962	23.131	8.962	23.131	9	23	1	0	60.0
74	9.765	36.005	9.765	36.005	9	36	1	0	60.0
74	.347	10.626	.347	10.626	0	10	1	0	60.0
74	2.560	34.527	2.477	35.173	2	34	1	2	60.0
74	21.302	17.339	21.302	17.339	21	17	1	0	60.0 *
75	44.268	49.896	44.268	49.896	44	50	1	0	60.0
75	49.823	49.680	49.823	49.680	50	50	1	0	60.0
75	52.709	30.215	52.709	30.215	53	30	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
75	72.738	42.103	72.738	42.103	73	42	1	0	60.0
75	49.044	37.155	49.044	37.155	49	37	1	0	60.0 *
76	4.557	42.966	5.449	43.099	4	43	1	1	60.0
76	1.779	25.718	1.779	25.718	1	25	1	0	60.0
76	6.380	18.295	7.431	17.339	6	18	1	5	60.0
76	14.213	36.991	14.213	36.991	14	37	1	0	60.0
76	5.034	30.861	5.034	30.861	5	31	1	0	60.0
76	26.256	26.256	26.256	26.256	26	26	1	0	60.0 *
77	47.588	57.534	47.588	57.534	48	58	1	0	60.0
77	67.422	58.427	67.422	58.427	68	58	1	0	60.0
77	58.785	76.199	58.785	76.199	59	76	1	0	60.0
77	47.740	51.035	47.740	51.035	48	51	1	0	60.0
77	39.971	64.834	39.971	64.834	40	65	1	0	60.0
77	55.335	50.789	55.335	50.789	55	51	1	0	60.0
77	42.109	52.016	42.109	52.016	42	52	1	0	60.0 *
78	5.924	20.081	5.449	21.302	5	20	1	2	60.0
78	23.935	27.258	23.935	27.258	24	27	1	0	60.0
78	15.559	35.481	16.348	34.182	15	35	1	5	60.0
78	9.413	14.366	9.413	14.366	9	14	1	0	60.0 *
79	76.362	27.319	76.786	28.238	77	27	1	2	60.0
79	62.915	47.063	62.915	47.063	63	47	1	0	60.0 *
80	48.890	54.762	48.890	54.762	49	55	1	0	60.0
80	24.152	54.485	24.152	54.485	24	54	0	0	60.0
80	27.255	47.309	27.255	47.309	27	47	1	0	60.0
80	46.072	48.053	46.072	48.053	46	48	1	0	60.0 *
81	49.107	47.863	49.107	47.863	49	48	1	0	60.0
81	54.684	48.048	54.989	49.044	55	48	1	2	60.0
81	32.615	62.401	32.615	62.401	32	62	0	0	60.0
81	43.639	41.949	43.639	41.949	44	42	1	0	60.0
81	50.539	55.809	50.539	55.809	51	56	0	0	60.0
81	41.664	48.048	41.664	48.048	42	48	1	0	60.0
81	30.662	49.465	30.662	49.465	30	49	1	0	60.0
81	26.083	56.425	26.083	56.425	26	56	1	0	60.0
81	38.474	43.305	38.474	43.305	38	43	1	0	60.0
81	31.074	42.257	31.074	42.257	31	42	1	0	60.0
81	45.309	53.807	45.309	53.807	45	54	1	0	60.0
81	45.081	61.924	45.081	61.924	45	62	1	0	60.0 *
82	44.268	49.896	45.081	50.035	44	50	1	1	60.0
82	35.306	57.103	35.306	57.103	35	57	1	0	60.0
82	50.951	50.111	50.951	50.111	51	50	1	0	60.0
82	29.273	62.801	29.273	62.801	29	63	1	0	60.0
82	46.677	55.501	46.677	55.501	47	56	0	0	60.0
82	40.036	44.321	40.036	44.321	40	44	1	0	60.0
82	45.960	43.428	45.960	43.428	46	43	1	0	60.0
82	41.118	56.970	41.118	56.970	41	57	1	0	60.0 *
83	11.327	26.642	11.327	26.642	11	26	1	0	4.1
83	4.947	37.237	3.468	38.145	4	37	1	7	4.1
83	4.904	12.843	4.904	12.843	4	12	1	0	4.1
84	42.966	51.744	42.966	51.744	43	52	1	0	60.0
84	45.331	45.584	45.331	45.584	45	46	0	0	60.0
84	56.246	50.943	56.246	50.943	56	51	1	0	60.0
84	36.998	52.144	36.998	52.144	37	52	1	0	60.0
84	51.971	65.327	51.971	65.327	52	65	1	0	60.0
84	32.897	66.004	32.897	66.004	33	66	1	0	60.0
84	38.517	44.814	38.517	44.814	38	45	1	0	60.0
84	48.890	51.405	48.890	51.405	49	51	1	0	60.0
84	32.550	46.077	32.550	46.077	32	46	1	0	60.0
84	50.865	56.549	52.016	56.970	51	57	1	1	60.0
84	39.136	57.961	39.136	57.961	39	58	1	0	60.0 *
85	76.666	53.284	76.666	53.284	77	53	1	0	4.5
85	70.720	28.059	71.032	28.238	71	28	1	1	4.5
86	54.684	48.048	55.980	48.053	55	48	1	1	60.0
86	49.693	46.970	49.693	46.970	50	47	1	0	60.0
86	40.904	52.883	40.904	52.803	41	53	1	0	60.0
86	38.219	47.063	38.219	47.063	38	47	1	0	60.0 *
87	55.986	87.071	56.970	85.703	56	87	1	5	60.0
87	65.751	78.879	65.888	79.759	66	79	1	2	60.0
87	43.877	74.228	43.877	74.228	44	74	1	0	60.0
87	65.888	67.869	65.888	67.869	66	68	1	0	60.0 *
88	47.414	87.780	47.414	87.780	47	88	1	0	60.0
88	58.807	75.275	58.807	75.275	59	75	1	0	60.0
88	33.743	87.164	33.743	87.164	34	87	1	0	60.0
88	49.367	63.355	49.367	63.355	49	63	1	0	60.0
88	59.957	87.225	59.957	87.225	60	88	1	0	60.0
88	53.469	75.614	53.469	75.614	53	76	1	0	60.0
88	47.063	75.795	47.063	75.795	47	76	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
89	44.268	49.896	44.090	51.026	44	50	1	2	60.0
89	19.443	38.253	19.443	38.253	19	38	1	0	60.0
89	42.120	43.890	42.120	43.890	42	44	1	0	60.0
89	29.512	44.968	29.512	44.968	29	45	1	0	60.0
89	48.053	44.090	48.053	44.090	48	44	1	0	60.0 *
90	44.398	45.984	44.398	45.984	44	46	1	0	60.0
90	51.038	51.159	52.016	51.026	51	51	1	1	60.0
90	28.427	63.171	28.427	63.171	28	63	1	0	60.0
90	44.507	57.935	44.507	57.935	44	58	1	0	60.0
90	45.700	51.867	45.700	51.867	46	52	1	0	60.0
90	38.300	58.304	38.300	58.304	38	58	1	0	60.0
90	25.215	56.641	25.215	56.641	25	57	1	0	60.0
90	40.384	52.483	40.384	52.483	40	52	1	0	60.0
90	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
91	13.758	83.375	12.385	83.722	13	84	1	3	22.4
91	15.971	79.094	15.971	79.094	16	79	1	0	22.4
91	3.754	89.689	3.754	89.689	3	90	1	0	22.4
92	54.684	48.048	54.989	47.063	55	48	1	4	60.0
92	73.129	28.705	73.129	28.705	73	28	1	0	60.0
92	69.851	42.109	69.851	42.109	70	42	1	0	60.0 *
93	44.268	49.896	45.081	49.044	44	50	1	5	60.0
93	18.250	48.109	19.320	48.053	18	48	1	1	60.0
93	47.063	54.989	47.063	54.989	47	55	1	0	60.0 *
94	47.045	48.664	47.045	48.664	47	49	1	0	60.0
94	48.890	54.762	48.890	54.762	49	55	1	0	60.0
94	40.752	49.403	40.752	49.403	41	49	1	0	60.0
94	53.772	48.109	53.998	49.044	54	48	1	2	60.0
94	54.684	37.453	54.684	37.453	55	37	1	0	60.0
94	43.422	42.812	43.422	42.812	43	43	1	0	60.0
94	53.989	60.676	53.989	60.676	54	61	1	0	60.0
94	36.499	42.966	36.499	42.966	36	43	1	0	60.0
94	49.044	43.099	49.044	43.099	49	43	1	0	60.0 *
95	44.268	49.896	43.099	51.026	44	50	1	7	60.0
95	57.505	57.257	57.505	57.257	58	57	1	0	60.0
95	57 961	44.090	57.961	44.090	58	44	1	0	60.0 *
128	43.400	52.360	43.400	52.360	43	52	1	0	60.0
128	45.331	45.584	45.331	45.584	45	46	0	0	60.0
128	56.246	50.943	56.246	50.943	56	51	1	0	60.0
128	36.998	52.144	36.998	52.144	37	52	1	0	60.0
128	55.617	63.479	55.617	63.479	56	64	1	0	60.0
128	48.868	50.912	48.868	50.912	49	51	1	0	60.0
128	38.799	46.508	38.799	46.508	39	46	1	0	60.0
128	50.886	56.518	50.886	56.518	51	57	1	0	60.0
128	45.418	39.023	45.418	39.023	45	39	1	0	60.0
128	39.136	57.961	39.136	57.961	39	58	1	0	60.0 *
129	47.588	57.534	47.588	57.534	48	58	1	0	60.0
129	45.613	52.360	45.613	52.360	46	52	1	0	60.0
129	35 262	45.645	35.262	45.645	35	46	1	0	60.0
129	50.821	33.510	50.821	33.510	51	33	1	0	60.0
129	27.993	45.769	27.993	45.769	28	46	1	0	60.0
129	48.456	46.231	48.456	46.231	48	46	1	0	60.0
129	41.118	46.072	41.118	46.072	41	46	1	0	60.0 *
130	54.684	48.048	55.980	47.063	55	48	1	5	60.0
130	50.170	46.600	50.170	46.600	50	47	1	0	60.0
130	40.687	52.914	40.687	52.914	41	53	1	0	60.0
130	43.009	59.382	43.009	59.382	43	59	1	0	60.0
130	62.915	47.063	62.915	47.063	63	47	1	0	60.0 *
131	4.600	22.361	5.449	23.284	4	22	1	6	60.0
131	6.597	17.679	7.431	17.339	6	17	1	1	60.0
131	.495	10.403	.495	10.403	0	10	1	0	60.0 *
132	47.045	48.664	48.053	49.044	47	49	1	1	60.0
132	54.684	48.048	54.989	49.044	55	48	1	2	60.0
132	41.078	48.910	42.109	49.044	41	49	1	1	60.0
132	52.514	55.378	52.514	55.378	53	55	0	0	60.0
132	58.460	55.809	58.460	55.809	59	56	0	0	60.0
132	66.532	49.619	66.532	49.619	67	50	1	0	60.0
132	48 391	61.199	48.391	61.199	48	61	1	0	60.0
132	45.635	55.347	45.635	55.347	46	55	1	0	60.0
132	41.816	42.411	41.816	42.411	42	42	1	0	60.0
132	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
133	44.268	49.896	44.090	51.026	44	50	1	2	60.0
133	44.090	44.090	44.090	44.090	44	44	1	0	60.0 *
134	13.128	68.530	13.376	69.851	13	69	1	2	60.0
134	15.450	77.123	16.348	76.786	15	77	1	1	60.0
134	21.302	52.016	21.302	52.016	21	52	1	0	60.0 *
135	71.718	91.014	72.823	90.657	72	91	1	1	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
135	74.344	85.008	74.344	85.008	75	85	1	0	60.0
135	62.344	63.910	62.344	63.910	62	64	1	0	60.0
135	55.980	75.795	55.980	75.795	56	76	1	0	60.0 *
136	13.324	78.940	14.366	78.768	13	79	1	1	15.2
136	14.647	85.470	14.647	85.470	14	86	1	0	15.2
136	11.761	91.630	12.385	91.648	11	92	1	1	15.2
137	1.584	2.002	1.486	3.468	1	2	1	2	21.2
137	2.712	22.484	2.712	22.484	2	22	1	0	21.2
138	49.150	48.048	49.150	48.048	49	48	1	0	60.0
138	54.684	48.048	55.980	48.053	55	48	1	1	60.0
138	48.890	54.762	48.890	54.762	49	55	1	0	60.0
138	71.870	42.381	71.870	42.381	72	42	1	0	60.0
138	74.805	55.980	74.805	55.980	75	56	1	0	60.0 *
139	44.268	49.896	45.081	50.035	44	50	1	1	60.0
139	35.913	42.165	35.913	42.165	36	42	1	0	60.0
139	43.074	41.734	43.074	41.734	43	42	1	0	60.0
139	19.052	37.483	19.052	37.483	19	37	1	0	60.0
139	30.011	42.781	30.011	42.701	30	43	1	0	60.0
139	26.256	55.980	26.256	55.980	26	56	1	0	60.0 *
140	72.456	26.580	71.832	26.256	73	26	1	3	60.0
140	66.944	51.159	66.944	51.159	67	51	1	0	60.0
140	53.007	37.155	53.007	37.155	53	37	1	0	60.0 *
141	5.533	20.482	5.533	20.482	5	20	1	0	10.3
141	15.819	6.529	16.348	6.440	15	6	1	1	10.3
141	2.387	1.755	2.387	1.755	2	1	1	0	10.3
142	87.972	45.368	87.972	45.368	88	45	1	0	60.0
142	76.579	27.473	76.579	27.473	77	27	1	0	60.0
142	82.026	39.578	82.731	39.136	82	39	1	1	60.0
142	61.924	46.072	61.924	46.072	62	46	1	0	60.0 *
143	45.787	47.309	45.787	47.309	46	47	1	0	60.0
143	51.429	46.631	52.016	47.063	51	47	1	1	60.0
143	42.423	61.199	42.423	61.199	42	61	1	0	60.0
143	29.577	40.502	29.577	40.502	29	40	1	0	60.0
143	41.100	41.303	41.100	41.303	41	41	1	0	60.0
143	36.164	53.998	36.164	53.998	36	54	1	0	60.0 *
144	54.684	48.048	53.998	48.053	55	48	1	3	60.0
144	50.908	54.577	50.908	54.577	51	55	1	0	60.0
144	32.094	60.760	32.094	60.768	32	61	1	0	60.0
144	41.989	47.309	41.989	47.309	42	47	1	0	60.0
144	25.519	54.085	25.519	54.085	25	54	1	0	60.0
144	35.566	47.463	35.566	47.463	35	47	1	0	60.0
144	50.257	41.765	50.257	41.765	50	42	1	0	60.0
144	48.053	48.053	48.053	48.053	48	48	1	0	60.0 *
145	49.107	47.863	50.035	48.053	49	48	1	1	60.0
145	44.268	49.896	44.090	49.044	44	50	1	4	60.0
145	28.644	62.832	28.644	62.832	28	63	1	0	60.0
145	45.743	43.212	45.743	43.212	46	43	1	0	60.0
145	47.024	61.477	47.024	61.477	47	62	1	0	60.0
145	52.774	61.877	52.774	61.877	53	62	1	0	60.0
145	39.450	42.319	39.450	42.319	39	42	1	0	60.0
145	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
146	49.476	56.549	49.476	56.549	49	57	1	0	60.0
146	42.098	43.643	42.098	43.643	42	44	1	0	60.0
146	29.605	42.781	29.605	42.781	29	43	1	0	60.0
146	44.745	50.173	46.072	50.035	45	50	1	1	60.0
146	40.127	50.035	40.127	50.035	40	50	1	0	60.0 *
147	95.436	64.064	95.611	64.097	96	64	1	2	13.4
147	95.936	57.781	95.936	57.781	96	58	1	0	13.4
147	94.069	82.236	94.069	82.236	94	83	0	0	13.4
148	5.642	20.235	6.440	20.311	5	20	1	1	20.0
148	1.345	2.402	1.345	2.482	1	2	1	0	20.0
148	27.559	13.706	27.559	13.706	27	13	1	0	20.0
149	54.684	48.048	54.989	47.063	55	48	1	4	60.0
149	73.888	26.180	73.888	26.180	74	26	1	0	60.0
149	45.787	20.882	45.787	20.882	46	21	1	0	60.0
149	64.897	21.302	64.897	21.302	65	21	1	0	60.0 *
150	4.427	20.913	4.459	22.293	4	21	1	2	60.0
150	13.376	27.247	13.376	27.247	13	27	1	0	60.0 *
151	47.045	48.664	47.045	48.664	47	49	1	0	60.0
151	51.754	54.947	51.754	54.947	52	55	1	0	60.0
151	71.046	42.411	71.046	42.411	71	42	1	0	60.0
151	59.892	48.602	59.892	48.602	60	49	1	0	60.0
151	48.499	62.123	48.499	62.123	48	62	1	0	60.0
151	53.273	36.652	53.273	36.652	53	36	0	0	60.0
151	53.998	60.934	53.998	60.934	54	61	1	0	60.0 *
152	49.671	48.818	49.671	48.818	50	49	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
152	53.998	44.090	53.998	44.090	54	44	1	0	60.0 *
153	44.268	49.896	45.081	50.035	44	50	1	1	60.0
153	64.897	50.035	64.897	50.035	65	50	1	0	60.0 *
154	72.890	7.330	71.832	7.431	73	7	1	3	60.0
154	54.076	1.663	53.007	1.486	54	1	1	3	60.0
154	69.548	25.502	69.548	25.502	70	25	1	0	60.0
154	65.888	.495	65.888	.495	66	0	1	0	60.0 *
155	5.230	20.543	5.449	21.302	5	20	1	2	60.0
155	24.274	21.302	24.274	21.302	24	21	1	0	60.0 *
156	50.170	46.600	50.170	46.600	50	47	1	0	60.0
156	52.016	53.007	52.016	53.007	52	53	1	0	60.0 *
157	47.089	48.294	47.089	48.294	47	48	1	0	60.0
157	35.848	42.411	35.848	42.411	36	42	1	0	60.0
157	58.959	60.707	58.959	60.707	59	61	1	0	60.0
157	47.479	59.659	47.479	59.659	47	60	1	0	60.0
157	39.884	47.678	39.884	47.678	40	48	1	0	60.0
157	33.765	60.984	33.765	60.984	34	61	1	0	60.0
157	49.044	42.109	49.044	42.109	49	42	1	0	60.0 *
158	49.085	48.448	49.044	49.044	49	48	1	2	60.0
158	54.684	48.048	54.989	49.044	55	48	1	2	60.0
158	68.290	62.370	68.290	62.370	68	62	1	0	60.0
158	51.026	55.980	51.026	55.980	51	56	1	0	60.0 *
159	44.268	49.896	45.081	51.026	44	50	1	6	60.0
159	41.143	44.444	41.143	44.444	41	44	1	0	60.0
159	51.038	51.159	51.038	51.159	51	51	1	0	60.0
159	47.111	44.660	47.111	44.660	47	45	1	0	60.0
159	26.170	62.924	26.170	62.924	26	63	1	0	60.0
159	32.593	62.185	32.593	62.185	32	62	1	0	60.0
159	21.743	56.302	21.743	56.302	21	56	1	0	60.0
159	40.557	38.561	40.557	38.561	40	38	1	0	60.0
159	28.600	43.982	28.600	43.982	28	44	1	0	60.0
169	14.582	79.495	14.582	79.495	14	80	1	0	60.0
169	37.155	59.943	37.155	59.943	37	60	1	0	60.0 *
181	64.449	2.618	64.449	2.618	65	2	1	0	60.0
181	73.671	22.176	74.805	21.302	74	22	1	5	60.0
181	71.832	28.238	71.832	28.238	72	28	1	0	60.0 *
192	5.316	19.958	6.440	20.311	5	20	1	1	60.0
192	27.407	13.121	27.407	13.121	27	13	1	0	60.0
192	31.210	19.320	31.210	19.320	31	19	1	0	60.0 *
193	1.736	2.156	1.486	1.486	1	2	1	4	5.3
193	4.231	14.322	4.231	14.322	4	14	1	0	5.3
193	7.660	21.621	8.422	20.311	7	21	1	5	5.3
194	4.427	20.913	4.459	22.293	4	23	1	2	60.0
194	26.452	39.547	26.452	39.547	26	39	1	0	60.0
194	25.265	27.247	25.265	27.247	25	27	1	0	60.0 *
195	6.944	22.699	6.944	22.699	7	22	0	0	60.0
195	16.058	16.570	15.357	17.339	16	16	1	7	60.0
195	19.139	35.420	19.139	35.420	19	35	1	0	60.0
195	7.031	34.465	7.031	34.465	7	34	1	0	60.0
195	.564	21.837	.564	21.837	0	22	1	0	60.0
195	21.302	17.339	21.302	17.339	21	17	1	0	60.0 *
196	49.671	49.526	49.671	49.526	50	49	0	0	60.0
196	23.523	54.793	23.523	54.793	23	55	1	0	60.0
196	43.099	42.109	43.099	42.109	43	42	1	0	60.0 *
197	45.722	50.851	45.722	50.851	46	51	1	0	60.0
197	40.127	50.035	40.127	50.035	40	50	1	0	60.0 *
198	15.646	31.447	16.348	31.210	15	31	1	1	60.0
198	4.318	43.705	4.318	43.705	4	44	1	0	60.0
198	1.150	24.917	1.150	24.917	1	25	1	0	60.0
198	3.819	10.942	3.819	18.942	3	19	1	0	60.0
198	26.256	26.256	26.256	26.256	26	26	1	0	60.0 *
199	44.398	45.984	44.398	45.984	44	46	1	0	60.0
199	48.000	57.688	48.000	57.688	48	58	1	0	60.0
199	67.552	58.366	67.552	58.366	68	58	1	0	60.0
199	44.090	53.007	44.090	53.007	44	53	1	0	60.0 *
334	29.729	76.907	29.729	76.907	30	77	0	0	60.0
334	20.528	90.675	20.528	90.675	20	91	1	0	60.0
334	37.155	76.786	37.155	76.786	37	77	1	0	60.0 *
335	44.398	45.984	44.398	45.984	44	46	1	0	60.0
335	46.763	52.052	46.763	52.052	47	52	1	0	60.0
335	26.213	66.589	26.213	66.589	26	67	1	0	60.0
335	25.432	46.816	25.432	46.816	25	47	1	0	60.0
335	53.007	53.998	53.007	53.998	53	54	1	0	60.0 *
336	47.089	48.294	47.089	48.294	47	48	1	0	60.0
336	36.022	42.442	36.022	42.442	36	42	1	0	60.0
336	24.195	52.853	24.195	52.853	24	53	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	DX	DY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
336	29.251	28.829	30.219	29.228	29	29	1	1	60.0
336	42.109	42.109	42.109	42.109	42	42	1	0	60.0 *
337	54.684	40.040	54.989	49.044	55	48	1	2	60.0
337	48.608	49.341	48.608	49.341	49	49	1	0	60.0
337	70.113	42.719	70.113	42.719	70	43	1	0	60.0
337	63.906	61.538	63.906	61.538	64	62	1	0	60.0
337	77.274	54.269	77.274	54.269	77	54	0	0	60.0
337	70.633	61.631	70.633	61.631	71	62	1	0	60.0
337	52.016	55.980	52.016	55.980	52	56	1	0	60.0 *
338	44.268	49.896	45.081	50.035	44	50	1	1	60.0
338	35.045	57.195	35.045	57.195	35	57	1	0	60.0
338	40.492	43.274	40.492	43.274	40	43	1	0	60.0
338	46.655	44.444	46.655	44.444	47	44	1	0	60.0
338	39.819	31.108	39.819	31.108	40	31	1	0	60.0
338	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
339	55.617	63.540	55.617	63.540	56	64	1	0	60.0
339	56.116	57.011	56.116	57.011	56	57	1	0	60.0
339	49.910	50.089	49.910	58.089	50	58	1	0	60.0
339	56.398	75.367	56.390	75.367	56	76	1	0	60.0
339	49.888	64.926	49.088	64.926	50	65	1	0	60.0
339	38.561	76.168	38.561	76.168	38	76	1	0	60.0
339	54.141	51.005	54.141	51.005	54	51	1	0	60.0
339	44.090	57.961	44.090	57.961	44	58	1	0	60.0 *
340	44.268	49.896	43.099	51.026	44	50	1	7	35.1
340	36.998	52.144	36.998	52.144	37	52	1	0	35.1
340	26.257	27.196	26.257	27.196	26	27	1	0	35.1
340	39.016	45.923	39.016	45.923	39	46	1	0	35.1
340	26.604	46.046	26.604	46.046	26	46	1	0	35.1
340	23.978	39.824	23.978	39.824	24	40	1	0	35.1
341	15.993	79.156	17.339	78.768	16	79	1	1	60.0
341	30.336	77.339	30.336	77.339	30	78	1	0	60.0
341	36.164	59.943	36.164	59.943	36	60	1	0	60.0 *
342	49.476	48.017	50.035	48.053	49	48	1	1	60.0
342	54.684	48.048	55.980	48.053	55	48	1	1	60.0
342	42.141	53.222	42.141	53.222	42	53	1	0	60.0
342	32.203	59.998	32.203	59.998	32	60	1	0	60.0
342	37.107	46.816	37.107	46.816	37	47	1	0	60.0
342	44.268	47.031	44.268	47.031	44	47	1	0	60.0
342	38.145	58.952	38.145	58.952	38	59	1	0	60.0 *
343	15.580	80.080	15.580	80.080	15	80	1	0	11.5
343	3.125	91.876	3.468	92.639	3	92	1	2	11.5
343	26.561	75.244	26.561	75.244	26	75	1	0	11.5
344	47.523	87.595	47.523	87.595	47	88	1	0	60.0
344	46.590	75.614	46.590	75.614	47	76	0	0	60.0
344	49.367	63.355	49.367	63.355	49	63	1	0	60.0
344	55.443	69.177	55.443	69.177	55	69	1	0	60.0
344	60.434	86.548	59.943	87.685	60	87	1	2	60.0
344	53.707	62.277	54.989	61.924	54	62	1	1	60.0
344	43.465	69.423	43.465	69.423	43	70	1	0	60.0
344	49.259	70.162	49.259	70.162	49	70	1	0	60.0
344	37.155	68.860	37.155	68.860	37	69	1	0	60.0 *
345	44.268	49.896	44.268	49.896	44	50	1	0	60.0
345	50.669	50.019	50.669	50.019	51	50	1	0	60.0
345	40.969	44.167	42.109	44.090	41	44	1	1	60.0
345	54.988	57.226	54.988	57.226	55	57	1	0	60.0
345	29.382	43.982	29.382	43.982	29	44	1	0	60.0
345	49.476	43.643	49.476	43.643	49	44	1	0	60.0
345	51.038	38.592	51.038	38.592	51	38	1	0	60.0
345	36.164	44.090	36.164	44.090	36	44	1	0	60.0 *
346	45.722	50.851	45.722	50.851	46	51	1	0	60.0
346	53.007	52.016	53.007	52.016	53	52	1	0	60.0 *
347	42.749	51.621	42.749	51.621	43	52	1	0	60.0
347	40.883	45.707	40.883	45.707	41	46	1	0	60.0
347	47.523	59.290	47.523	59.290	47	59	1	0	60.0
347	53.382	47.401	53.382	47.401	53	47	1	0	60.0
347	49.129	52.760	49.129	52.760	49	53	1	0	60.0
347	44.268	71.702	44.268	71.702	44	72	1	0	60.0
347	53.360	59.228	53.360	59.228	53	59	1	0	60.0
347	41.338	57.596	41.338	57.596	41	58	1	0	60.0
347	54.989	53.007	54.989	53.007	55	53	1	0	60.0 *
348	54.684	48.048	55.980	47.063	55	48	1	5	60.0
348	51.971	65.327	51.971	65.327	52	65	1	0	60.0
348	75.516	52.514	75.516	52.514	76	53	0	0	60.0
348	57.874	40.964	57.874	40.964	58	41	1	0	60.0
348	70.264	41.888	70.264	41.888	70	42	1	0	60.0
348	68.203	59.598	68.203	59.598	68	60	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
348	51.407	53.191	51.407	53.191	51	53	1	0	60.0
348	48.738	46.693	48.738	46.693	49	47	1	0	60.0
348	61.924	48.053	61.924	48.053	62	48	1	0	60.0 *
349	44.268	49.896	45.081	49.044	44	50	1	5	60.0
349	49.801	48.109	51.026	48.053	50	48	1	1	60.0
349	53.924	67.021	53.924	67.021	54	67	1	0	60.0
349	39.320	49.095	39.320	49.095	39	49	1	0	60.0
349	47.827	74.751	47.827	74.751	48	75	1	0	60.0
349	53.007	53.998	53.007	53.998	53	54	1	0	60.0 *
350	71.783	30.307	71.783	30.307	72	30	1	0	60.0
350	52.709	30.215	52.709	30.215	53	30	1	0	60.0
350	73.389	25.471	73.814	24.274	74	25	1	4	60.0
350	49.044	37.155	49.044	37.155	49	37	1	0	60.0 *
351	44.268	49.896	43.099	50.035	44	50	1	3	60.0
351	18.330	50.035	18.330	50.035	18	50	1	0	60.0 *
361	4.882	22.545	4.882	22.545	4	22	1	0	4.2
361	29.165	16.447	30.219	16.348	29	16	1	1	4.2
368	14.691	78.755	14.691	78.755	14	79	1	0	14.9
368	16.080	92.338	17.339	92.639	16	93	1	1	14.9
368	26.365	67.760	26.365	67.760	26	68	1	0	14.9
368	10.676	85.162	10.676	85.162	10	85	1	0	14.9
378	14.387	82.944	14.387	82.944	14	83	1	0	60.0
378	20.289	71.487	20.289	71.487	20	72	1	0	60.0
378	32.201	63.906	32.201	63.906	32	64	1	0	60.0 *
382	44.984	50.481	44.984	50.481	45	50	1	0	60.0
382	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
384	44.268	49.896	43.099	51.026	44	50	1	7	60.0
384	36.998	52.144	36.998	52.144	37	52	1	0	60.0
384	26.452	39.547	26.452	39.547	26	39	1	0	60.0
384	39.016	45.923	39.016	45.923	39	46	1	0	60.0
384	39.407	57.565	39.407	57.565	39	58	1	0	60.0
384	50.474	51.189	50.474	51.189	50	51	1	0	60.0
384	27.247	56.970	27.247	56.970	27	57	1	0	60.0 *
385	47.848	46.600	47.848	46.600	48	47	1	0	60.0
385	42.228	46.107	42.228	46.107	42	46	1	0	60.0
385	51.971	65.327	51.971	65.327	52	65	1	0	60.0
385	51.537	52.637	51.537	52.637	52	53	0	0	60.0
385	48.087	58.705	48.087	58.705	48	59	1	0	60.0
385	42.337	57.965	42.337	57.965	42	58	1	0	60.0
385	35.327	45.799	35.327	45.799	35	46	1	0	60.0
385	54.619	47.432	53.998	47.063	55	47	1	3	60.0
385	41.403	40.502	41.403	40.502	41	40	1	0	60.0
385	53.998	58.952	53.998	58.952	54	59	1	0	60.0 *
386	49.801	47.463	49.801	47.463	50	47	1	0	60.0
386	50.035	58.952	50.035	58.952	50	59	1	0	60.0 *
387	13.476	9.425	13.476	9.425	13	9	1	0	6.9
387	4.362	22.145	5.449	23.284	4	22	1	6	6.9
387	6.098	18.788	7.431	17.339	6	18	1	5	6.9
388	49.281	48.818	49.281	48.818	49	49	1	0	60.0
388	58.677	55.748	58.677	55.748	59	56	1	0	60.0
388	52.709	30.215	53.998	30.219	53	30	1	1	60.0
388	73.910	42.165	73.910	42.165	74	42	1	0	60.0
388	54.966	50.358	54.966	50.358	55	50	1	0	60.0
388	52.514	55.501	52.514	55.501	53	56	0	0	60.0
388	73.780	48.664	73.780	48.664	74	49	1	0	60.0
388	47.063	54.989	47.063	54.989	47	55	1	0	60.0 *
389	44.268	49.896	44.268	49.896	44	50	1	0	60.0
389	50.669	50.019	50.669	50.019	51	50	1	0	60.0
389	69.961	50.789	69.961	50.789	70	51	1	0	60.0
389	44.090	43.099	44.090	43.099	44	43	1	0	60.0 *
390	19.443	38.253	19.443	38.253	19	38	1	0	60.0
390	8.202	63.694	9.413	63.906	8	64	1	1	60.0
390	21.222	51.467	21.222	51.467	21	51	1	0	60.0
390	6.553	37.853	6.553	37.853	6	38	1	0	60.0
390	28.238	44.090	28.238	44.090	28	44	1	0	60.0 *
391	43.313	52.021	43.313	52.021	43	52	1	0	60.0
391	55.617	63.540	55.617	63.540	56	64	1	0	60.0
391	49.129	52.452	49.129	52.452	49	52	1	0	60.0
391	37.215	77.215	37.215	77.215	37	77	1	0	60.0
391	41.118	57.961	41.118	57.961	41	58	1	0	60.0 *
392	45.548	47.155	45.548	47.155	45	47	1	0	60.0
392	55.877	71.887	55.877	71.887	56	72	1	0	60.0
392	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
393	47.089	48.294	47.089	48.294	47	48	1	0	60.0
393	54.684	48.048	53.998	48.053	55	48	1	3	60.0
393	40.883	45.645	40.883	45.645	41	46	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
393	53.903	67.051	53.903	67.051	54	67	1	0	60.0
393	60.326	67.144	60.326	67.144	60	67	1	0	60.0
393	41.447	53.992	41.447	53.992	41	54	1	0	60.0
393	59.943	54.989	59.943	54.989	60	55	1	0	60.0 *
394	48.912	47.832	50.035	48.053	49	48	1	1	60.0
394	54.684	48.048	55.980	47.063	55	48	1	5	60.0
394	71.783	30.307	71.783	30.307	72	30	1	0	60.0
394	71.870	42.381	71.870	42.381	72	42	1	0	60.0
394	74.805	55.980	74.805	55.980	75	56	1	0	60.0 *
395	93.483	62.401	93.483	62.401	94	62	0	0	49.9
395	84.044	50.173	84.044	50.173	04	50	1	0	49.9
395	77.794	55.532	77.794	55.532	78	56	1	0	49.9
395	88.558	37.052	88.558	37.052	89	37	1	0	49.9
396	35.045	57.195	35.045	57.195	35	57	1	0	60.0
396	47.653	48.972	47.653	48.972	48	49	1	0	60.0
396	34.742	50.481	34.742	50.481	35	50	1	0	60.0
396	25.931	43.890	25.931	43.890	26	44	1	0	60.0
396	27.732	63.479	27.732	63.479	27	64	0	0	60.0
396	41.118	38.145	41.118	38.145	41	38	1	0	60.0 *
397	44.138	51.836	44.138	51.036	44	52	1	0	60.0
397	53.707	32.186	53.707	32.186	54	32	1	0	60.0
397	50.431	50.635	50.431	50.635	50	51	1	0	60.0
397	66.554	44.567	66.554	44.567	67	44	0	0	60.0
397	50.035	57.961	50.035	57.961	50	58	1	0	60.0 *
398	25.779	26.796	25.779	26.796	26	27	0	0	15.5
398	26.365	39.547	26.365	39.547	26	39	1	0	15 5
398	6.727	22.176	7.431	21.302	6	22	1	5	15.5
398	20.485	27.812	20.485	27.812	20	20	1	0	15.5
398	12.065	34.034	12.065	34.034	12	34	1	0	15.5
399	45.678	47.278	45.678	47.278	46	47	1	0	60.0
399	68.290	54.362	68.290	54.362	68	54	1	0	60.0
399	53.490	65.573	53.490	65.573	53	66	0	0	60.0
399	42.098	52.822	42.098	52.822	42	53	1	0	60.0
399	49.044	59.943	49.044	59.943	49	60	1	0	60 0 *
400	54.684	48.048	54.684	48.048	55	48	1	0	60.0
400	50.908	54.577	50.908	54.577	51	55	1	0	60.0
400	32.094	60.768	32.094	60 768	32	61	1	0	60.0
400	38.734	72.996	38.734	72.996	39	73	1	0	60.0
400	42.271	47 832	42.271	47.832	42	48	1	0	60.0
400	37.997	55.070	37.997	55.070	38	55	1	0	60.0
400	28.839	47.370	28.039	47.370	29	47	1	0	60.0
400	48.053	48.053	48.053	48.053	48	48	1	0	60.0 *
401	49.801	48.109	51.026	48.053	50	48	1	1	60.0
401	39.819	43.582	39.819	43.582	40	43	0	0	60.0
401	28.470	63.171	28.470	63.171	28	63	1	0	60.0
401	22.199	56.210	22.199	56.210	22	56	1	0	60.0
401	27.667	42.812	27.667	42.812	27	43	1	0	60.0
401	46.872	61.600	46.072	61.600	47	62	1	0	60.0
401	44.376	47.894	44.376	47.894	44	48	1	0	60.0
401	47.197	54.485	47.197	54.485	47	54	0	0	60.0
401	32.224	48.695	32.224	48.695	32	49	1	0	60.0
401	46.416	41.949	46.416	41.949	46	42	1	0	60.0
401	40.818	54.639	40.818	54.639	41	55	1	0	60.0
401	30.145	49.044	38.145	49.044	38	49	1	0	60.0 *
402	93.483	62.401	93.630	62.915	94	62	1	2	60.0
402	80.355	56.764	80.355	56.764	81	57	1	0	60.0
402	68.860	62.915	68.860	62.915	69	63	1	0	60.0 *
403	44.268	49.896	43.099	50.035	44	50	1	3	60.0
403	52.384	65.388	52.384	65.388	52	65	0	0	60.0
403	43.639	70.039	43.639	70.039	44	70	1	0	60.0
403	52.340	57.842	52.340	57.842	52	58	1	0	60.0
403	46.546	75.460	46.546	75.460	46	76	0	0	60.0
403	26.257	64.156	26.257	64.156	26	64	1	0	60.0
403	49.044	51.026	49.044	51.026	49	51	1	0	60.0 *
404	51.038	51.159	51.038	51.159	51	51	1	0	60.0
404	47.048	57.596	47.048	57.596	48	58	1	0	60.0
404	47.002	46.261	47.002	46.261	47	46	1	0	60.0
404	45.244	51.885	45.244	51.805	45	52	1	0	60.0
404	71.632	45.769	71.632	45.769	72	46	1	0	60.0
404	59.943	45.081	59.943	45.081	60	45	1	0	60.0 *
405	60.803	84.823	60.803	84.823	61	85	1	0	20.0
405	73.606	85.162	73.814	83.722	74	85	1	4	20.0
405	81.874	79.371	81.740	78.768	02	00	1	4	20.0
406	45.548	47.155	45.548	47.155	45	47	1	0	60.0
406	23.892	54.485	23.892	54.485	24	54	0	0	60.0
406	51.429	46.631	52.016	47.063	51	47	1	1	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
406	45.787	58.828	45.787	58.828	46	59	1	0	60.0
406	42.619	52.853	42.619	52.853	43	53	0	0	60.0
406	50.035	53.007	50.035	53.007	50	53	1	0	60.0 *
407	47.111	48.417	47.111	48.417	47	48	1	0	60.0
407	51.885	54.608	51.885	54.608	52	55	1	0	60.0
407	40.752	49.403	40.752	49.403	41	49	1	0	60.0
407	54.033	47.063	53.998	49.044	54	40	1	2	60.0
407	48.282	61.323	48.282	61.323	48	61	1	0	60.0
407	55.118	67.791	55.118	67.791	55	68	1	0	60.0
407	39.136	43.099	39.136	43.099	39	43	1	0	60.0 *
408	44.268	49.896	44.090	49.044	44	50	1	4	60.0
408	18.330	50.035	18.330	50.035	18	50	1	0	60.0 *
409	50.083	56.210	50.083	56.210	50	56	1	0	60.0
409	45.722	50.851	45.722	50.851	46	51	1	0	60.0
409	44.090	44.090	44.090	44.090	44	44	1	0	60.0 *
410	72.090	7.330	72.090	7.330	73	7	1	0	60.0
410	75.733	25.933	76.706	26.256	76	26	1	1	60.0
410	63.906	13.376	63.906	13.376	64	13	1	0	60.0 *
411	54.684	48.048	54.989	47.063	55	48	1	4	60.0
411	44.138	51.836	44.138	51.836	44	52	1	0	60.0
411	42.228	46.107	42.228	46.107	42	46	1	0	60.0
411	50.908	52.360	50.908	52.360	51	52	1	0	60.0
411	37.888	32.771	37.888	32.771	38	33	1	0	60.0
411	43.595	39.701	43.595	39.701	44	40	0	0	60.0
411	42.109	57.961	42.109	57.961	42	58	1	0	60.0 *
412	1.801	2.156	1.486	3.468	1	2	1	2	5.2
412	6.727	21.991	7.431	21.302	6	22	1	5	5.2
413	47.479	48.664	47.479	48.664	47	49	1	0	60.0
413	48.890	54.762	48.890	54.762	49	55	1	0	60.0
413	35.696	53.900	35.696	53.900	36	54	1	0	60.0
413	36.000	42.134	36.000	42.134	36	42	1	0	60.0
413	48.998	43.428	48.998	43.428	49	43	1	0	60.0
413	42.879	41.980	42.879	41.980	43	42	1	0	60.0
413	41.118	48.053	41.118	48.053	41	48	1	0	60.0 *
414	50.908	54.824	50.908	54.824	51	55	1	0	60.0
414	49.044	49.044	49.044	49.044	49	49	1	0	60.0 *
415	44.268	49.896	45.081	51.026	44	50	1	6	60.0
415	50.669	50.019	50.669	50.019	51	50	1	0	60.0
415	52.731	36.744	52.731	36.744	53	37	1	0	60.0
415	47.111	44.660	47.111	44.660	47	45	1	0	60.0
415	56.832	31.447	56.832	31.447	57	31	1	0	60.0
415	33.418	49.988	33.418	49.988	33	50	1	0	60.0
415	41.295	37.976	41.295	37.976	41	38	1	0	60.0
415	53.208	56.056	53.208	56.056	53	56	1	0	60.0
415	41.118	56.970	41.118	56.970	41	57	1	0	60.0 *
422	14.300	82.698	14.300	82.698	14	83	1	0	60.0
422	26.256	62.915	26.256	62.915	26	63	1	0	60.0 *
426	95.805	61.908	95.805	61.908	96	62	1	0	60.0
426	79.161	55.193	79.161	55.193	79	55	1	0	60.0
426	72.823	54.989	72.823	54.989	73	55	1	0	60.0 *
446	4.318	23.408	4.318	23.408	4	23	1	0	60.0
446	3.081	36.991	4.459	37.155	3	37	1	1	60.0
446	8.422	18.330	8.422	18.330	8	18	1	0	60.0 *
448	35.045	57.195	35.045	57.195	35	57	1	0	60.0
448	40.883	45.707	40.883	45.707	41	46	1	0	60.0
448	51.038	51.159	51.038	51.159	51	51	1	0	60.0
448	26.170	62.924	26.170	62.924	26	63	1	0	60.0
448	47.002	46.261	47.002	46.261	47	46	1	0	60.0
448	45.483	51.528	45.483	51.528	45	52	0	0	60.0
448	53.007	56.970	53.007	56.970	53	57	1	0	60.0 *
449	60.651	84.392	60.651	84.392	61	85	1	0	36.0
449	81.874	89.689	81.874	89.689	82	90	1	0	36.0
449	62.713	71.579	62.713	71.579	63	72	1	0	36.0
449	73.519	85.131	73.814	83.722	74	85	1	4	36.0
449	66.163	84.392	66.878	83.722	66	85	1	5	36.0
450	44.724	46.569	44.724	46.569	45	47	0	0	60.0
450	45.244	58.520	45.244	58.520	45	59	1	0	60.0
450	27.255	47.309	27.255	47.309	27	47	1	0	60.0
450	50.821	47.062	52.016	47.063	51	47	1	1	60.0
450	43.248	53.345	43.248	53.345	43	53	1	0	60.0
450	38.799	41.272	38.799	41.272	39	41	1	0	60.0
450	25.053	52.606	25.063	52.606	25	53	1	0	60.0
450	45.081	40.127	45.081	40.127	45	40	1	0	60.0 *
451	72.196	27.997	72.196	27.997	72	28	1	0	25.8
451	81.874	23.623	82.731	23.284	82	23	1	1	25.8
451	65.425	8.316	65.888	9.413	66	8	1	2	25.8

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
451	70.872	16.500	71.832	16.348	71	16	1	1	25.8
451	72.217	7.238	71.032	8.422	72	7	1	2	25.8
451	75.407	23 747	76.786	22.293	76	23	1	5	25.8
452	44.268	49.896	44.090	49.044	44	50	1	4	60.0
452	49.649	48.725	49.649	48.725	50	49	1	0	60.0
452	31.465	43.243	31.465	43.243	31	43	1	0	60.0
452	56.810	49.434	56.810	49.434	57	49	1	0	60.0
452	44.290	42.442	44.290	42.442	44	42	1	0	60.0
452	36.195	28.921	36.195	28.921	36	29	1	0	60.0
452	28.039	56.395	28.039	56.395	29	56	1	0	60.0
452	35.067	55.286	35.067	55.286	35	55	1	0	60.0
452	48.053	54.989	48.053	54.989	48	55	1	0	60.0 *
453	45.722	50.851	45.722	50.851	46	51	1	0	60.0
453	50.035	55.980	50.035	55.980	50	56	1	0	60.0 *
454	10.025	87.626	10.403	88.676	10	88	1	2	60.0
454	30.219	94.620	30.219	94.620	30	95	1	0	60.0 *
455	44.138	51.836	44.138	51.836	44	52	1	0	60.0
455	25.497	45.676	25.497	45.676	25	46	1	0	60.0
455	42.109	57.961	42.109	57.961	42	58	1	0	60.0 *
456	15.515	78.755	16.368	78.768	15	79	1	1	60.0
456	34.182	64.897	34.182	64.897	34	65	1	0	60.0 *
457	54.684	48.040	54.684	48.048	55	48	1	0	60.0
457	35.696	53.900	35.696	53.900	36	54	1	0	60.0
457	40.492	40.810	40.492	40.810	40	41	1	0	60.0
457	27.429	40.841	27.429	40.841	27	41	1	0	60.0
457	46.611	60.029	46.611	60.029	47	60	1	0	60.0
457	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
458	44.268	49.896	45.081	49.044	44	50	1	5	60.0
458	49.693	48.048	51.026	48.053	50	48	1	1	60.0
458	36.022	42.442	36.022	42.442	36	42	1	0	60.0
458	50.908	54.577	50.908	54.577	51	55	1	0	60.0
458	39.472	49.465	39.472	49.465	39	49	1	0	60.0
458	48.695	60.891	48.695	60.891	49	61	1	0	60.0
458	49.044	42.109	49.044	42.109	49	42	1	0	60.0 *
459	77.816	55.871	78.768	55 980	78	56	1	1	60.0
459	95.176	63.201	95.176	63.201	96	63	1	0	60.0
459	78.510	67.667	78.510	67.667	79	68	1	0	60.0
459	89.751	62.770	89.751	62.770	90	63	1	0	60.0
459	81.180	79.464	79.759	79.759	81	80	1	3	60.0
459	65.888	67.869	65.888	67.869	66	68	1	0	60.0 *
460	44.268	49.896	43.099	50.035	44	50	1	3	46.4
460	41.143	44.444	41.143	44.444	41	44	1	0	46.4
460	49.823	49.600	49.823	49.680	50	50	1	0	46.4
460	56.116	57.011	56.116	57.011	56	57	1	0	46.4
460	54.923	36.867	54.923	36.867	55	37	1	0	46.4
460	46.655	44.444	46.655	44.444	47	44	1	0	46.4
460	49.411	37.822	49.411	37.822	49	38	1	0	46.4
460	55.487	49.465	55.487	49.465	56	49	0	0	46.4
460	43.118	56.795	43.118	56.795	43	57	1	0	46.4
461	55.617	63.540	55.617	63.540	56	64	1	0	60.0
461	51.776	58.705	51.776	50.705	52	59	1	0	60.0
461	33.191	50.035	33.191	50.035	33	50	1	0	60.0 *
462	65.317	8.778	65.317	0.778	65	8	1	0	60.0
462	73.237	26.703	71.832	27.247	73	26	1	7	60.0
462	77.577	27.042	78.768	27.247	78	27	1	1	60.0
462	62.561	14.476	62.561	14.476	63	14	1	0	60.0
462	59.024	8.562	59.024	8.562	59	8	1	0	60.0
462	60.044	21.621	60.044	21.621	60	21	1	0	60.0
462	84.712	19.320	84.712	19.320	85	19	1	0	60.0 *
463	48.152	46.785	48.152	46.785	48	47	1	0	60.0
463	63.147	71.918	63.147	71.918	63	72	1	0	60.0
463	56.970	59.943	56.970	59.943	57	60	1	0	60.0 *
464	48.716	48.263	50.035	48.053	49	48	1	1	60.0
464	54.684	48.048	55.980	48.053	55	48	1	1	60.0
464	71.067	42.257	71.067	42.257	71	42	1	0	60.0
464	52.731	55.440	52.731	55.440	53	55	1	0	60.0
464	76.536	53.161	77.777	53.007	77	53	1	1	60.0
464	59.197	55.378	59.197	55.378	59	55	1	0	60.0
464	58.959	61.723	58.959	61.723	59	62	1	0	60.0
464	53.007	61.924	53.007	61.924	53	62	1	0	60.0 *
465	48.890	54.762	48.890	54.762	49	55	1	0	60.0
465	45.052	40.602	45.852	48.602	46	49	1	0	60.0
465	52.709	30.215	53.998	30.219	53	30	1	1	60.0
465	50.734	48.233	52.016	48.053	51	48	1	1	60.0
465	29.685	42.781	29.685	42.781	29	43	1	0	60.0
465	58.850	48.109	58.850	48.109	59	48	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
465	41.273	41.672	41.273	41.672	41	42	1	0	60.0
465	39.928	49.372	39.928	49.372	40	49	1	0	60.0
465	48.217	43.089	48.217	43.089	48	43	1	0	60.0
466	13.910	88.211	13.910	88.211	14	09	1	0	60.0
466	37.780	88.242	39.136	88.676	38	89	1	1	60.0
466	26.256	62.915	26.256	62.915	26	63	1	0	60.0 *
467	44.268	49.896	44.268	49.896	44	50	1	0	60.0
467	50.669	50.019	50.669	50.019	51	50	1	0	60.0
467	46.329	43.797	46.329	43.797	46	44	1	0	60.0
467	46.959	55.871	46.959	55.871	47	56	1	0	60.0
467	59.024	45.430	59.024	45.430	59	45	1	0	60.0
467	41.273	56.980	41.273	56.980	41	57	1	0	60.0
467	45.158	69.762	45.158	69.762	45	70	1	0	60.0
467	56.970	51.026	56.970	51.026	57	51	1	0	60.0 *
468	93.570	64.095	93.570	64.095	94	65	1	0	14.6
468	80.312	78.078	80.312	78.078	81	78	1	0	14.6
468	72.044	83.653	72.823	83.722	72	84	1	1	14.6
469	81.223	40.594	81.223	40.594	81	40	0	0	25.4
469	89.404	66.774	89.404	66.774	90	67	1	0	25.4
469	95.762	59.783	95.762	59.703	96	60	1	0	25.4
469	95.068	66.109	95.611	66.078	95	66	1	6	25.4
469	84.304	65.881	83.722	65.888	85	66	1	3	25.4
470	14.192	35.266	15.357	35.173	14	35	1	1	60.0
470	6.727	22.176	6.727	22.176	6	22	1	0	60.0
470	.495	22.293	.495	22.293	0	22	1	0	60.0 *
471	54.684	48.048	54.684	48.048	55	48	1	0	60.0
471	49.498	48.818	49.498	48.818	49	49	1	0	60.0
471	47.063	54.989	47.063	54.989	47	55	1	0	60.0 *
472	44.268	49.896	45.081	49.044	44	50	1	5	60.0
472	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
473	14.864	6.468	14.864	6.468	15	6	0	0	60.0
473	8.029	18.018	8.029	18.018	8	18	1	0	60.0
473	19.269	12.597	19.269	12.597	19	12	1	0	60.0
473	1.736	.677	2.477	.495	1	0	1	1	60.0
473	.495	25.265	.495	25.265	0	25	1	0	60.0 *
474	44.268	49.896	44.090	51.026	44	50	1	2	60.0
474	35.045	57.195	35.045	57.195	35	57	1	0	60.0
474	48.022	57.904	48.022	57.904	48	58	1	0	60.0
474	29.946	76.938	29.946	76.938	30	77	1	0	60.0
474	56.528	72.318	56.528	72.318	57	72	0	0	60.0
474	32.201	63.906	32.201	63.906	32	64	1	0	60.0 *
475	44.398	45.984	44.398	45.984	44	46	1	0	60.0
475	23.935	27.258	23.935	27.258	24	27	1	0	60.0
475	21.071	51.744	21.071	51.744	21	52	1	0	60.0
475	24.347	47.216	25.265	47.063	24	47	1	1	60.0
475	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
476	45.635	48.417	45.635	48.417	46	48	1	0	60.0
476	26.148	27.165	26.148	27.165	26	27	1	0	60.0
476	27.255	47.309	27.255	47.309	27	47	1	0	60.0
476	35.805	53.376	35.005	53.376	36	53	1	0	60.0
476	23.696	54.177	23.696	54.177	23	54	1	0	60.0
476	42.109	42.109	42.109	42.109	42	42	1	0	60.0 *
477	49.237	48.202	49.237	48.202	49	48	1	0	60.0
477	54.684	48.048	54.909	49.044	55	40	1	2	60.0
477	72.478	29.660	72.478	29.660	73	29	1	0	60.0
477	76.080	54.762	76.080	54.762	76	55	1	0	60.0
477	62.915	36.164	62.915	36.164	63	36	1	0	60.0 *
478	44.268	49.896	44.090	49.044	44	50	1	4	60.0
478	56.970	49.044	56.970	49.044	57	49	1	0	60.0 *
479	41.881	24.116	41.881	24.116	42	24	1	0	60.0
479	52.861	50.543	52.861	50.543	53	51	0	0	60.0
479	41.989	38.192	41.989	38.192	42	38	1	0	60.0
479	54.836	38.315	54.836	38.315	55	38	1	0	60.0
479	49.498	44.752	49.498	44.752	49	45	1	0	60.0
479	49.044	38.145	49.044	38.145	49	38	1	0	60.0 *
483	4.904	22.607	4.904	22.607	4	22	1	0	60.0
483	13.376	9.413	13.376	9.413	13	9	1	0	60.0 *
505	44.984	50.481	44.984	50.481	45	50	1	0	60.0
505	50.035	55.980	50.035	55.980	50	56	1	0	60.0 *
512	53.946	95.603	53.946	95.603	54	96	1	0	25.5
512	75.038	87.626	74.805	88.676	75	88	1	2	25.5
512	59.957	82.482	59.957	82.482	60	83	1	0	25.5
513	55.617	63.540	55.617	63.540	56	64	1	0	4.6
513	73 519	83.560	74.805	83.722	74	84	1	1	4.6
514	16.362	78.786	16.362	78.786	16	79	1	0	8.8
514	3.125	91.876	4.459	91.648	3	92	1	1	8.8

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
515	49.476	48.048	50.035	48.053	49	48	1	1	60.0
515	61.997	73.951	62.915	73.814	62	74	1	1	60.0
515	78.597	52.606	78.768	53.998	79	53	1	2	60.0
515	53.998	66.878	53.998	66.878	54	67	1	0	60.0 *
516	44.268	49.896	45.081	49.044	44	50	1	5	60.0
516	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
517	40.731	44.567	40.731	44.567	41	44	0	0	32.9
517	34.742	50.481	34.742	50.481	35	50	1	0	32.9
517	15.646	31.447	15.646	31.447	15	31	1	0	32.9
517	29.685	42.781	29.685	42.781	20	43	1	0	32.9
517	34.785	42.196	34.785	42.196	35	42	1	0	32.9
517	13.541	36.898	13.541	36.898	13	37	1	0	32.9
517	20.441	37.422	20.441	37.422	20	37	1	0	32.9
518	44.268	49.711	44.090	51.026	44	50	1	2	60.0
518	35.045	57.195	35.045	57.195	35	57	1	0	60.0
518	44.528	43.951	44.528	43.951	44	44	1	0	60.0
518	55.465	57.226	55.465	57.226	55	57	0	0	60.0
518	41.230	37.668	41.230	37.668	41	38	0	0	60.0
518	50.474	51.189	50.474	51.189	50	51	1	0	60.0
518	55.552	45.122	55.552	45.122	56	45	1	0	60.0
518	49.801	43.582	49.801	43.582	50	43	0	0	60.0
518	37.649	44.136	37.649	44.136	37	44	0	0	60.0
518	57.027	50.820	57.027	50.820	57	51	1	0	60.0
518	31.210	45.081	31.210	45.081	31	45	1	0	60.0 *
519	60.434	83.930	60.434	83.930	60	84	0	0	60.0
519	70.959	89.412	70.959	89.412	71	90	1	0	60.0
519	47.219	78.139	47.219	78.139	47	78	1	0	60.0
519	65.751	84.207	65.751	84.207	66	84	0	0	60.0
519	65.664	75.583	65.664	75.583	66	76	1	0	60.0
519	72.823	83.722	72.823	83.722	73	84	1	0	60.0 *
520	54.684	48.048	54.989	47.063	55	48	1	4	32.5
520	47.848	46.600	47.848	46.600	48	47	1	0	32.5
520	67.270	52.976	67.270	52.976	67	53	1	0	32.5
520	76.579	39.485	76.579	39.485	77	39	1	0	32.5
520	59.067	60.275	59.067	60.275	59	60	1	0	32.5
520	65.035	59.290	65.035	59.290	65	59	1	0	32 5
521	72.608	29.660	72.608	29.660	73	29	1	0	60.0
521	49.671	46.723	51 026	47.063	50	47	1	1	60.0
521	75.795	54 989	75.795	54.989	76	55	1	0	60.0 *
522	47 479	48.664	47.479	48.664	47	49	1	0	60.0
522	33.136	22 853	33.136	22.853	33	23	1	0	60.0
522	44.090	42.109	44.090	42.109	44	42	1	0	60 0 *
523	49.476	47.678	49.476	47.678	49	48	1	0	60.0
523	40.492	43.274	40.492	43.274	40	43	1	0	60.0
523	34.438	43 459	34.438	43.459	34	43	1	0	60 0
523	41.881	24.116	41.881	24.116	42	24	1	0	60.0
523	52.709	30.215	52.709	30.215	53	30	1	0	60.0
523	55.074	50.173	55.074	50.173	55	50	1	0	60.0
523	47.957	36.498	47.957	36.498	48	36	1	0	60.0
523	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
524	44.268	49.096	45.081	51.026	44	50	1	6	50.1
524	50.669	50.019	50.669	50.019	51	50	1	0	50.1
524	40.731	44.567	42.109	44.090	41	44	1	1	50.1
524	30.011	42.781	30.011	42.781	30	43	1	0	50.1
524	39.450	57.904	39.450	57.904	39	58	1	0	50.1
524	49.367	63.355	49.367	63.355	49	63	1	0	50.1
524	31.573	62.524	31.573	62.524	31	63	1	0	50.1
524	51.038	56.518	51.038	56.518	51	57	1	0	50.1
524	48.564	44.105	48.564	44.105	49	44	0	0	50.1
524	36.543	43.982	36.543	43.982	36	44	1	0	50.1
524	43.508	64.064	43.508	64.064	43	64	1	0	50.1
524	58.178	49.896	58.178	49.896	58	50	1	0	50.1
524	32.745	57.226	32.745	57.226	33	57	1	0	50.1
525	47.588	57.534	47.588	57.534	48	58	1	0	60.0
525	21.982	70.994	21.982	70.994	22	71	1	0	60.0
525	22.546	58.520	22.546	58.520	22	59	1	0	60.0
525	46.072	75.795	46.072	75.795	46	76	1	0	60.0 *
526	13.758	83.375	13.758	83.375	13	84	1	0	60 0
526	16.253	76.753	16.253	76.753	16	77	1	0	60.0
526	29.228	77.777	29.228	77.777	29	78	1	0	60.0 *
527	6.944	22.699	6.944	22.699	7	22	0	0	60.0
527	16.600	16.632	17.339	15.357	16	16	1	5	60.0
527	.495	22.293	.495	22.293	0	22	1	0	60.0 *
528	44.724	46.569	44.724	46.569	45	47	0	0	60.0
528	23.523	54 793	23.523	54.793	23	55	1	0	60.0
528	20 615	35.728	20.615	35.728	20	36	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
528	41.118	42.109	41.118	42.109	41	42	1	0	60.0 *
529	93.483	62.401	94.620	61.924	94	62	1	1	60.0
529	87.685	61.924	87.685	61.924	88	62	1	0	60.0 *
530	44.268	49.896	44.090	49.044	44	50	1	4	60.0
530	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
531	41.143	44.444	41.143	44.444	41	44	1	0	60.0
531	13.736	50.358	14.366	50.035	13	50	1	1	60.0
531	16.687	32.555	16.687	32.555	16	32	1	0	60.0
531	27.364	51.220	27.364	51.220	27	51	1	0	60.0
531	29.228	45.081	29.228	45.081	29	45	1	0	60.0 *
532	43.682	46.231	43.682	46.231	44	46	1	0	60.0
532	45.396	58.674	45.396	58.674	45	59	1	0	60.0
532	38.300	45.368	38.300	45.368	38	45	1	0	60.0
532	50.127	46.231	50.127	46.231	50	46	1	0	60.0
532	41.989	51.744	41.989	51.744	42	52	1	0	60.0
532	38.105	33.325	38.105	33.325	38	33	1	0	60.0
532	50.691	59.228	50.691	59.228	51	59	1	0	60.0
532	49.866	34.527	49.866	34.527	50	34	1	0	60.0
532	38.145	58.952	38.145	58.952	38	59	1	0	60.0 *
533	43.769	51.805	43.769	51.805	44	52	1	0	60.0
533	28.731	59.505	28.731	59.505	28	60	0	0	60.0
533	53.621	65.758	53.621	65.758	54	66	1	0	60.0
533	50.908	52.360	50.908	52.360	51	52	1	0	60.0
533	44.376	39.824	44.376	39.824	44	40	1	0	60.0
533	45.700	46.323	45.700	46.323	46	46	1	0	60.0
533	53.121	59.967	53.121	59.967	53	60	1	0	60.0
533	47.306	65.881	47.306	65.881	47	66	1	0	60.0
533	34.182	65.888	34.182	65.888	34	66	1	0	60.0 *
534	54.684	48.048	54.684	48.048	55	48	1	0	60.0
534	47.848	46.600	47.848	46.600	48	47	1	0	60.0
534	71.870	42.381	71.870	42.381	72	42	1	0	60.0
534	53.007	53.998	53.007	53.998	53	54	1	0	60.0 *
535	4.427	20.913	4.459	22.293	4	21	1	2	60.0
535	19.052	37.483	19.052	37.483	19	37	1	0	60.0
535	6.597	17.679	6.440	16.348	6	17	1	4	60.0
535	13.376	37.155	13.376	37.155	13	37	1	0	60.0 *
536	41.664	92.184	42.109	93.630	42	93	1	2	60.0
536	48.174	81.959	48.174	81.959	48	82	1	0	60.0
536	68.138	94.956	68.138	94.956	68	95	1	0	60.0
536	58.952	74.005	58.952	74.805	59	75	1	0	60.0 *
537	93.483	62.401	93.630	62.915	94	62	1	2	13.7
537	79 140	56.302	78.768	56.970	79	56	1	2	13.7
538	44.268	49.896	45.081	51.026	44	50	1	6	60.0
538	51.038	51.159	52.016	51.026	51	51	1	1	60.0
538	51.971	65.327	51.971	65.327	52	65	1	0	60.0
538	42.857	45.122	42.857	45.122	43	45	1	0	60.0
538	27.494	64.957	27.494	64.957	27	65	1	0	60.0
538	55.980	57.961	55.980	57.961	56	58	1	0	60.0 *
539	1.345	2.402	2.477	2.477	1	2	1	1	60.0
539	3.146	21.868	2.477	21.302	3	22	1	8	60.0
539	13.376	27.247	13.376	27.247	13	27	1	0	60.0 *
540	54.684	48.048	53.998	48.053	55	48	1	3	60.0
540	43.682	52.883	43.682	52.883	44	53	1	0	60.0
540	70.113	65.419	70.113	65.419	70	66	1	0	60.0
540	48.053	48.053	48.053	48.053	48	48	1	0	60.0 *
541	48.695	48.233	50.035	48.053	49	48	1	1	60.0
541	27.125	54.701	27.125	54.701	27	55	1	0	60.0
541	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
542	14.669	81.620	15.357	80.749	14	82	1	5	8.3
542	10.025	87.626	11.394	87.685	10	88	1	1	8.3
543	13.128	68.530	13.376	69.851	13	69	1	2	44.5
543	13.844	87.995	14.366	87.685	13	88	1	1	44.5
543	.195	88.735	1.486	88.676	0	89	1	1	44.5
543	4.926	93.324	5.449	93.630	4	94	1	1	44.5
543	13.128	81.219	12.385	81.740	13	81	1	7	44.5
548	1.671	3.603	1.671	3.603	1	3	1	0	60.0
548	9.413	23.284	9.413	23.284	9	23	1	0	60.0 *
556	72.695	25.564	72.695	25.564	73	25	1	0	60.0
556	54.989	37.155	54.989	37.155	55	37	1	0	60.0 *
573	5.620	22.730	5.620	22.730	5	22	1	0	60.0
573	15.624	16.324	15.357	17.339	15	16	1	2	60 0
573	12.385	36.164	12.385	36.164	12	36	1	0	60.0 *
576	13.888	88.334	13.888	88.334	14	89	0	0	60.0
576	14.300	77.647	14.366	76.786	14	78	1	4	60.0
576	20.615	70.717	20.615	70.717	20	71	1	0	60.0
576	30.219	63.906	30.219	63.906	30	64	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
577	43.660	52.329	43.660	52.329	44	52	1	0	60.0
577	45.700	46.323	45.700	46.323	46	46	1	0	60.0
577	21.157	57.750	21.157	57.750	21	58	1	0	60.0
577	28.238	46.072	28.238	46.072	28	46	1	0	60.0 *
578	49.107	47.863	49.107	47.863	49	48	1	0	60.0
578	54.684	48.040	54.684	48.048	55	48	1	0	60.0
578	35.653	27.319	35.653	27.319	35	27	0	0	60.0
570	40.687	52.914	40.687	52.014	41	53	1	0	60.0
570	52.080	33.880	52.080	33.880	52	34	1	0	60.0
578	41.989	41.500	41.989	41.500	42	41	1	0	60.0
578	34.438	53.315	34.438	53.315	34	53	1	0	60.0
578	43.270	47.001	43.270	47.001	43	47	1	0	60.0
578	30.219	47.063	30.219	47.063	30	47	1	0	60.0 *
579	49.801	48.109	51.026	48.053	50	48	1	1	60.0
579	35.696	53.900	35.696	53.900	36	54	1	0	60.0
579	23.957	54.885	23.957	54.885	24	55	1	0	60.0
579	49.042	66.220	49.042	66.220	49	66	1	0	60.0
579	44.593	47.832	44.593	47.832	45	40	0	0	60.0
579	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
580	13.714	68.068	14.366	67.869	13	68	1	1	22.4
580	4.665	43.428	3.468	43.099	4	43	1	3	22.4
580	8.636	43.428	9.413	43.099	8	43	1	1	22.4
580	27.949	49.280	27.949	49.280	28	49	1	0	22.4
581	44.268	49.896	43.099	50.035	44	50	1	3	60.0
581	53.007	37.155	53.007	37.155	53	37	1	0	60.0 *
582	44.268	49.896	45.081	51.026	44	50	1	6	60.0
582	51.038	51.159	52.016	51.026	51	51	1	1	60.0
582	56.116	57.011	56.116	57.011	56	57	1	0	60.0
582	58.807	74.690	58.807	74.690	59	75	1	0	60.0
582	44.203	70.224	44.203	70.224	44	70	1	0	60.0
582	53.469	75.614	53.469	75.614	53	76	1	0	60.0
582	46.438	75.706	46.438	75.706	46	76	1	0	60.0
582	43.099	56.970	43.099	56.970	43	57	1	0	60.0 *
583	26.452	39.547	26.452	39.547	26	39	1	0	60.0
583	12.239	39.177	13.376	39.136	12	39	1	1	60.0
583	25.953	25.872	25.953	25.872	26	26	1	0	60.0
583	35.002	51.929	35.002	51.929	35	52	1	0	60.0
583	41.118	46.072	41.118	46.072	41	46	1	0	60.0 *
584	44.398	45.984	44.398	45.984	44	46	1	0	60.0
584	54.684	48.048	55.980	47.063	55	48	1	5	60.0
584	43.877	52.945	43.877	52.945	44	53	1	0	60.0
584	47.805	58.828	47.805	58.828	48	59	1	0	60.0
584	28.101	60.368	29.228	59.943	28	60	1	1	60.0
584	49.693	64.587	49.693	64.507	50	65	1	0	60.0
584	40.839	40.255	40.839	40.255	41	40	1	0	60.0
584	50.127	53.407	50.127	53.407	50	53	1	0	60.0
584	37.649	52.575	37.649	52.575	37	53	0	0	60.0
584	31.096	53.715	31.096	53.715	31	54	1	0	60.0
584	37.324	46.354	37.324	46.354	37	46	1	0	60.0
584	41.881	59.290	41.881	59.290	42	59	1	0	60.0
584	54.989	58.952	54.989	58.952	55	59	1	0	60.0 *
585	45.635	48.417	45.635	48.417	46	48	1	0	60.0
585	62.713	71.579	62.713	71.579	63	72	1	0	60.0
585	40.127	54.909	40.127	54.989	40	55	1	0	60.0 *
586	54.684	48.048	54.989	49.044	55	40	1	2	60.0
586	47.653	48.972	47.653	48.972	48	49	1	0	60.0
586	48.890	54.762	48.090	54.762	49	55	1	0	60.0
586	70.785	41.857	70.785	41.857	71	42	1	0	60.0
586	42.054	46.693	42.054	46.693	42	47	1	0	60.0
586	45.787	40.933	45.787	40.933	46	41	1	0	60.0
586	53.007	61.924	53.007	61.924	53	62	1	0	60.0 *
587	44.268	49.896	44.090	49.044	44	50	1	4	60.0
587	52.709	30.215	53.998	30.219	53	30	1	1	60.0
507	50.539	55.809	50.539	55.809	51	56	0	0	60.0
587	49.563	37.329	49.563	37.329	50	37	0	0	60.0
587	56.854	47.678	56.854	47.678	57	48	1	0	60.0
587	62.648	35.759	62.648	35.759	63	36	1	0	60.0
587	44.087	56.364	44.007	56.364	44	56	1	0	60.0
587	48.217	43.089	40.217	43.089	48	43	1	0	60.0
587	35.173	43.099	35.173	43.099	35	43	1	0	60.0 *
588	68.398	6.930	69.851	5.449	69	6	1	5	60.0
588	76.449	19.311	76.449	19.311	77	19	1	0	60.0
588	71.046	17.802	71.046	17.802	71	17	1	0	60.0
588	81.740	32.201	81.740	32.201	82	32	1	0	60.0 *
589	81.874	89.689	81.874	89.689	82	90	1	0	60.0
589	54.989	95.611	54.989	95.611	55	96	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	DX	DY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
590	6.900	21.375	6.900	21.375	6	21	1	0	60.0
590	25.259	27.258	25.259	27.258	25	27	1	0	60.0
590	12.239	39.177	12.239	39.177	12	39	1	0	60.0
590	19.378	27.535	19.378	27.535	19	27	1	0	60.0
590	31.210	21.302	31.210	21.302	31	21	1	0	60.0 *
591	72.326	28.367	72.326	28.367	72	28	0	0	60.0
591	51.429	46.631	51.429	46.631	51	47	1	0	60.0
591	51.026	35.173	51.026	35.173	51	35	1	0	60.0 *
592	47.111	48.417	47.111	48.417	47	48	1	0	60.0
592	36.022	42.442	36.022	42.442	36	42	1	0	60.0
592	53.577	66.405	53.577	66.405	54	67	0	0	60.0
592	53.382	47.401	53.382	47.401	53	47	1	0	60.0
592	50.300	53.961	50.300	53.961	50	54	1	0	60.0
592	43.161	61.138	43.161	61.138	43	61	1	0	60.0
592	37.649	54.701	37.649	54.701	37	55	0	0	60.0
592	31.400	61.969	31.400	61.969	31	62	1	0	60.0
592	35.653	67.760	35.653	67.760	35	68	0	0	60.0
592	41.118	48.053	41.118	48.053	41	48	1	0	60.0 *
593	13.128	68.530	12.385	68.860	13	69	1	3	7.9
593	10.025	87.626	9.413	87.685	10	88	1	3	7.9
593	13.606	80.388	12.385	80.749	13	81	1	3	7.9
594	44.268	49.896	45.081	49.044	44	50	1	5	60.0
594	41.143	44.444	41.143	44.444	41	44	1	0	60.0
594	34.438	43.459	34.438	43.459	34	43	1	0	60.0
594	55.009	63.386	55.009	63.386	55	63	0	0	60.0
594	59.892	44.567	59.892	44.567	60	44	0	0	60.0
594	46.915	43.520	46.915	43.520	47	43	1	0	60.0
594	52.036	49.372	52.036	49.372	52	49	1	0	60.0
594	54.206	57.442	54.206	57.442	54	57	0	0	60.0
594	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
595	75.277	25.779	75.277	25.779	75	26	0	0	60.0
595	72.673	7.453	71.832	7.431	73	7	1	3	60.0
595	84.712	19.320	84.712	19.320	85	19	1	0	60.0 *
596	44.268	49.896	44.090	51.026	44	50	1	2	60.0
596	46.177	45.430	46.177	45.430	46	45	1	0	60.0
596	46.763	65.203	46.763	65.203	47	65	1	0	60.0
596	72.000	58.058	72.000	58.058	72	58	1	0	60.0
596	53.007	65.888	53.007	65.888	53	66	1	0	60.0 *
597	48.434	47.185	48.434	47.185	48	47	1	0	60.0
597	45.006	21.313	45.006	21.313	45	21	1	0	60.0
597	27.429	40.841	27.429	40.841	27	41	1	0	60.0
597	41.118	46.072	41.118	46.072	41	46	1	0	60.0 *
598	49.389	47.771	50.035	48.053	49	48	1	1	60.0
598	54.684	48.048	55.980	47.063	55	48	1	5	60.0
598	67.270	52.822	67.270	52.822	67	53	1	0	60.0
598	73.845	40.964	73.845	40.964	74	41	1	0	60.0
598	75.733	60.583	75.733	60.583	76	61	1	0	60.0
598	56.970	59.943	56.970	59.943	57	60	1	0	60.0 *
599	45.635	48.417	45.635	48.417	46	48	1	0	60.0
599	51.212	54.423	51.212	54.423	51	54	1	0	60.0
599	24.217	54.793	25.265	54.989	24	55	1	1	60.0
599	40.362	49.403	40.362	49.403	40	49	1	0	60.0
599	44.090	42.109	44.090	42.109	44	42	1	0	60.0 *
600	93.483	62.401	93.483	62.401	94	62	0	0	49.0
600	78.120	56.302	78.120	56.302	78	56	1	0	49.0
600	85.086	74.536	85.086	74.536	85	75	1	0	49.0
600	95.263	55.009	96.602	54.989	96	55	1	1	49.0
600	79.227	76.261	79.227	76.261	79	76	1	0	49.0
601	43.617	49.711	45.081	50.035	44	50	1	1	60.0
601	50.908	50.697	50.908	50.697	51	51	1	0	60.0
601	41.881	24.116	41.801	24.116	42	24	1	0	60.0
601	56.593	38.746	56.593	38.746	57	39	1	0	60.0
601	56.962	32.032	56.962	32.032	57	32	1	0	60.0
601	36.164	44.090	36.164	44.090	36	44	1	0	60.0 *
602	13.888	88.334	13.888	88.334	14	89	0	0	11.7
602	14.365	77.554	14.366	76.786	14	78	1	4	11.7
602	7.161	89.505	8.422	89.666	7	90	1	1	11.7
602	16.275	63.201	16.275	63.201	16	63	1	0	11.7
603	45.852	47.185	47.063	47.063	46	47	1	1	60.0
603	36.998	52.144	36.998	52.144	37	52	1	0	60.0
603	53.772	59.444	53.772	59.444	54	59	0	0	60.0
603	47.523	58.920	47.523	58.920	47	59	1	0	60.0
603	48.673	53.099	48.673	53.099	49	53	1	0	60.0
603	49.044	34.182	49.044	34.182	49	34	1	0	60.0 *
604	54.684	48.048	55.980	48.053	55	48	1	1	60.0
604	45.418	52.514	45.418	52.514	45	53	0	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	DX	DY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
604	50.279	58.674	50.279	58.674	50	59	1	0	60.0
604	49.801	47.463	49.801	47.463	50	47	1	0	60.0
604	32.897	66.004	32.897	66.004	33	66	1	0	60.0
604	51.559	53.222	51.559	53.222	52	53	1	0	60.0
604	30.662	47.370	30.662	47.370	30	47	1	0	60.0
604	36.738	59.536	36.738	59.536	37	60	1	0	60.0
604	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
605	15.711	79.772	15.711	79.772	15	80	1	0	60.0
605	34.182	00.749	34.182	00.749	34	01	1	0	60.0 *
606	11.457	24.578	11.457	24.578	11	24	1	0	50.5
606	12.629	36.097	12.385	37.155	12	36	1	2	50.5
606	4.275	22.237	5.449	23.284	4	22	1	6	50.5
606	18.336	36.405	18.330	37.155	18	36	1	2	50.5
606	4.947	37.237	5.449	37.155	4	37	1	1	50.5
606	21.374	17.402	21.374	17.402	21	17	1	0	50.5
606	15.298	18.387	15.298	18.387	15	18	1	0	50.5
607	44.268	49.896	44.268	49.096	44	50	1	0	60.0
607	52.492	55.655	52.492	55.655	52	56	0	0	60.0
607	45.939	44.567	45.939	44.567	46	44	0	0	60.0
607	58.460	55.809	58.460	55.809	59	56	0	0	60.0
607	49.975	49.034	49.975	49.034	50	50	1	0	60.0
607	37.584	49.742	37.584	49.742	37	50	1	0	60.0
607	46.460	57.380	46.460	57.380	46	57	1	0	60.0
607	31.210	62.915	31.210	62.915	31	63	1	0	60.0 *
634	6.054	18.973	6.054	18.973	6	19	1	0	60.0
634	4.459	13.376	4.459	13.376	4	13	1	0	60.0 *
640	44.268	49.896	44.090	51.026	44	50	1	2	60.0
640	46.525	45.245	46.525	45.245	46	45	1	0	60.0
640	58.952	45.081	58.952	45.081	59	45	1	0	60.0 *
641	47.848	46.600	47.848	46.600	48	47	1	0	60.0
641	48.261	58.735	48.261	58.735	48	59	1	0	60.0
641	46.221	53.222	46.221	53.222	46	53	1	0	60.0
641	40.127	53.007	40.127	53.007	40	53	1	0	60.0 *
642	4.082	21.005	3.468	21.302	4	21	1	3	2.2
642	15.624	35.019	16.348	34.182	15	35	1	5	2.2
643	45.635	48.417	45.635	48.417	46	48	1	0	60.0
643	50.973	54.485	50.973	54.485	51	54	0	0	60.0
643	71.870	42.381	71.870	42.381	72	42	1	0	60.0
643	58.959	47.955	58.959	47.955	59	48	1	0	60.0
643	58.952	59.943	58.952	59.943	59	60	1	0	60.0 *
644	72.738	29.475	72.738	29.475	73	29	1	0	60.0
644	86.800	30.276	85.703	30.219	87	30	1	3	60.0
644	81.201	30.430	79.759	29.228	81	30	1	8	60.0
644	77.252	23.962	77.777	23.284	77	24	1	5	68.0
644	73.814	49.044	73.814	49.044	74	49	1	0	60.0 *
645	44.290	49.742	45.081	50.035	44	50	1	1	60.0
645	50.669	50.019	50.669	50.019	51	50	1	0	60.0
645	41.881	24.116	41.881	24.116	42	24	1	0	60.0
645	25.931	43.890	25.931	43.090	26	44	1	0	60.0
645	32.201	44.090	32.201	44.090	32	44	1	0	60.0 *
646	13.888	08.334	13.888	08.334	14	09	0	0	7.3
646	28.383	63.017	28.383	63.017	28	63	1	0	7.3
646	8.485	64.033	9.413	63.906	0	64	1	1	7.3
647	47.588	57.534	47.588	57.534	48	58	1	0	60.0
647	43.099	52.016	43.099	52.016	43	52	1	0	60.0 *
648	6.249	21.467	6.249	21.467	6	21	1	0	60.0
648	18.922	12.905	18.922	12.905	19	13	0	0	60.0
648	16.145	7.176	16.145	7.176	16	7	1	0	60.0
648	32.506	21.037	32.506	21.037	32	22	1	0	60.0
640	24.274	27.247	24.274	27.247	24	27	1	0	60.0 *
649	54.684	48.048	53.998	48.053	55	48	1	3	60.0
649	58.156	60.275	58.156	60.275	58	60	1	0	60.0
649	48.053	48.053	48.053	40.053	48	48	1	0	60.0 *
650	50.170	47.124	50.170	47.124	50	47	1	0	60.0
650	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
651	93.483	62.401	94.620	61.924	94	62	1	1	34.7
651	83.480	49.649	83.480	49.649	84	50	1	0	34.7
651	89.773	66.620	89.666	67.869	90	67	1	2	34.7
651	87.885	61.785	87.085	61.785	88	62	1	0	34.7
652	15.776	6.714	15.776	6.714	15	6	1	0	60.0
652	.325	10.995	.325	10.995	0	11	1	0	60.0
652	19.320	12.385	19.320	12.385	19	12	1	0	60.0 *
653	44.268	49.896	44.090	51.026	44	50	1	2	60.0
653	51.017	50.974	51.017	50.974	51	51	1	0	60.0
653	44.376	57.904	44.376	57.904	44	58	1	0	60.0
653	55.986	38.192	55.986	38.192	56	38	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
653	29.512	44.968	29.512	44.968	29	45	1	0	60.0
653	38.127	59.382	38.127	59.382	38	59	1	0	60.0
653	41.794	63.910	41.794	63.910	42	64	1	0	60.0
653	37.975	51.621	37.975	51.621	38	52	1	0	60.0
653	47.848	44.660	47.848	44.660	48	45	1	0	60.0
653	51.299	57.596	51.299	57.596	51	58	1	0	60.0
653	53.998	44.090	53.998	44.090	54	44	1	0	60.0 *
654	44.572	46.415	44.572	46.415	44	46	0	0	60.0
654	71.523	51.436	71.523	51.436	72	51	1	0	60.0
654	69.006	33.048	69.006	33.048	69	33	1	0	60.0
654	47.393	52.853	47.393	52.853	47	53	1	0	60.0
654	66.120	52.237	66.120	52.237	66	52	1	0	60.0
654	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
655	68.290	54.362	68.290	54.362	68	54	1	0	2.5
655	72.651	27.720	72.823	28.238	73	27	1	2	2.5
656	49.107	47.863	49.107	47.863	49	48	1	0	60.0
656	54.684	48.048	54.684	48.048	55	48	1	0	60.0
656	50.973	54.485	50.973	54.485	51	54	0	0	60.0
656	30.662	47.370	30.662	47.370	30	47	1	0	60.0
656	44.094	42.134	44.094	42.134	44	42	1	0	60.0
656	42.206	47.647	42.206	47.647	42	48	1	0	60.0
656	50.539	60.737	50.539	60.737	51	61	0	0	60.0
656	45.081	61.924	45.081	61.924	45	62	1	0	60.0 *
657	71.783	30.307	71.783	30.307	72	30	1	0	17.7
657	62.192	17.309	62.915	17.339	62	17	1	1	17.7
657	68.507	4.189	68.507	4.189	69	4	1	0	17.7
657	53.056	11.088	52.016	11.394	53	11	1	3	17.7
658	93.483	62.401	93.630	62.915	94	62	1	2	11.4
658	80.355	56.764	80.749	55.980	81	57	1	4	11.4
659	95.545	64.095	95.545	64.095	96	64	1	0	17.2
659	95.068	57.288	95.611	56.970	95	57	1	1	17.2
660	44.268	49.896	45.081	51.026	44	50	1	6	60.0
660	40.883	45.645	40.883	45.645	41	46	1	0	60.0
660	53.751	58.581	53.751	58.581	54	59	1	0	60.0
660	51.038	51.159	52.016	51.026	51	51	1	1	60.0
660	46.633	45.399	46.633	45.399	47	45	1	0	60.0
660	66.510	58.889	66.510	58.889	67	59	1	0	60.0
660	57.678	51.867	57.678	51.867	58	52	1	0	60.0
660	45.418	38.962	45.418	38.962	45	39	1	0	60.0
660	42.109	57.961	42.109	57.961	42	58	1	0	60.0 *
661	65.317	8.778	65.888	8.422	65	8	1	1	60.0
661	76.037	26.765	74.805	28.238	76	27	1	7	60.0
661	55.980	27.247	55.980	27.247	56	27	1	0	60.0 *
662	46.481	47.062	46.481	47.062	46	47	1	0	60.0
662	43.660	52.914	43.660	52.914	44	53	1	0	60.0
662	59.371	60.491	59.371	60.491	59	61	1	0	60.0
662	50.778	47.740	52.016	48.053	51	48	1	1	60.0
662	38.799	47.401	38.799	47.401	39	47	1	0	60.0
662	50.387	53.530	50.387	53.530	50	54	1	0	60.0
662	46.438	61.076	46.438	61.076	46	61	1	0	60.0
662	63.603	46.754	63.603	46.754	64	47	1	0	60.0
662	57.961	48.053	57.961	48.053	58	48	1	0	60.0 *
663	54.684	48.048	53.998	48.053	55	48	1	3	60.0
663	72.825	30.461	72.825	30.461	73	30	1	0	60.0
663	77.708	55.163	77.708	55.163	78	55	1	0	60.0
663	60.934	48.053	60.934	48.053	61	48	1	0	60.0 *
664	44.268	49.896	44.268	49.896	44	50	1	0	60.0
664	42.098	43.643	42.098	43.643	42	44	1	0	60.0
664	50.452	49.834	50.452	49.834	50	50	1	0	60.0
664	32.094	60.768	32.094	60.768	32	61	1	0	60.0
664	29.685	42.781	29.685	42.781	29	43	1	0	60.0
664	31.248	48.972	31.248	48.972	31	49	1	0	60.0
664	23.523	54.793	23.284	55.980	23	55	1	2	60.0
664	51.168	62.770	51.168	62.770	51	63	1	0	60.0
664	36.044	42.689	36.044	42.689	36	43	1	0	60.0
664	29.534	55.440	29.534	55.440	29	55	1	0	60.0
664	38.145	49.044	38.145	49.044	38	49	1	0	60.0 *
665	84.044	50.050	84.044	50.050	84	50	1	0	10.4
665	73.888	26.180	74.805	25.265	74	26	1	5	10.4
665	77.729	31.662	77.729	31.662	78	31	1	0	10.4
666	45.874	45.337	45.874	45.337	46	45	1	0	15.1
666	55.617	63.540	55.617	63.540	56	64	1	0	15.1
666	38.951	46.415	40.127	46.072	39	46	1	1	15.1
666	58.915	45.491	58.915	45.491	59	45	1	0	15.1
666	41.989	51.744	41.989	51.744	42	52	1	0	15.1
666	47.740	51.035	47.740	51.035	48	51	1	0	15.1

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
666	55.140	31.959	55.140	51.959	55	52	1	0	15.1
666	65.794	45.029	65.794	45.029	66	45	1	0	15.1
667	54.684	48.048	54.989	47.063	55	48	1	4	60.0
667	81.375	52.113	82.731	52.016	82	52	1	1	60.0
667	74.170	26.488	72.823	26.256	74	26	1	3	60.0
667	66.078	27.247	66.870	27.247	67	27	1	0	60.0 *
668	60.868	84.700	60.860	84.700	61	85	1	8	60.0
668	78.944	72.503	78.944	72.503	79	73	1	0	60.0
668	74.084	85.223	72.823	85.703	74	86	1	3	60.0
668	78.467	65.750	78.467	65.750	79	66	1	0	60.0
668	59.943	66.878	59.943	66.878	60	67	1	0	60.0 *
669	47.479	48.664	47.479	48.664	47	49	1	0	60.0
669	68.290	54.362	68.290	54.362	68	54	1	0	60.0
669	48.890	54.762	48.890	54.762	49	55	1	0	60.0
669	40.752	49.403	40.752	49.403	41	49	1	0	60.0
669	49.044	43.099	49.044	43.099	49	43	1	0	60.0 *
670	49.671	49.526	49.671	49.526	50	49	0	0	60.0
670	52.188	55.440	52.188	55.440	52	55	1	0	60.0
670	58.329	43.890	58.329	43.890	50	44	1	0	60.0
670	70.113	42.719	70.113	42.719	70	43	1	0	60.0
670	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
671	44.268	49.096	45.081	50.035	44	50	1	1	60.0
671	35.045	57.195	35.045	57.195	35	57	1	0	60.0
671	27.016	61.538	27.016	61.538	27	62	1	0	60.0
671	22.177	55.871	22.177	55.871	22	56	1	0	60.0
671	46.742	43.674	46.742	43.674	47	44	1	0	60.0
678	6.054	18.973	6.054	18.973	6	19	1	0	60.0
678	4.947	37.237	4.459	38.145	4	37	1	2	60.0
678	25.265	20.311	25.265	20.311	25	20	1	0	60.0 *
682	95.827	61.169	95.027	61.169	96	61	1	0	60.0
682	80.116	56.302	79.759	54.989	80	56	1	4	60.0
682	72.023	54.989	72.823	54.989	73	55	1	0	60.0 *
694	40.470	10.133	40.470	10.133	40	10	1	0	60.0
694	36.933	15.923	36.164	16.348	37	16	1	3	60.0
694	24.274	27.247	24.274	27.247	24	27	1	0	60.0 *
701	95.762	59.783	95.762	59.783	96	60	1	0	9.5
701	89.252	53.777	90.657	53.998	90	54	1	1	9.5
701	84.999	74.228	85.703	73.814	85	74	1	1	9.5
701	90.619	65.819	91.648	65.888	91	66	1	1	9.5
704	44.268	49.896	45.081	51.026	44	50	1	6	37.9
704	40.883	45.707	40.883	45.707	41	46	1	0	37.9
704	51.038	51.159	52.016	51.026	51	51	1	1	37.9
704	47.111	44.660	47.111	44.660	47	45	1	0	37.9
704	56.832	31.447	56.832	31.447	57	31	1	0	37.9
704	35.284	45.861	35.284	45.861	35	46	1	0	37.9
704	59.935	44.598	59.935	44.598	60	45	0	0	37.9
705	44.398	45.984	44.398	45.984	44	46	1	0	60.0
705	54.684	48.048	55.980	47.063	55	48	1	5	60.0
705	50.170	46.600	50.170	46.600	50	47	1	0	60.0
705	43.964	50.397	43.964	58.397	44	58	1	0	60.0
705	56.637	71.856	56.637	71.856	57	72	1	0	60.0
705	42.445	51.836	42.445	51.036	42	52	1	0	60.0
705	48.109	53.007	48.109	53.007	40	53	1	0	60.0
705	50.035	58.952	58.035	58.952	50	59	1	0	60.0 *
706	45.678	47.339	45.678	47.339	46	47	1	0	60.0
706	43.595	52.822	43.595	52.822	44	53	0	0	60.0
706	26.799	41.118	26.799	41.118	27	41	1	0	60.0
706	38.799	47.401	38.799	47.401	39	47	1	0	60.0
706	51.429	46.631	52.016	47.063	51	47	1	1	60.0
706	25.476	53.653	25.476	53.653	25	54	1	0	60.0
706	50.322	52.606	50.322	52.606	50	53	1	0	60.0
706	37.432	53.345	37.432	53.345	37	53	1	0	60.0
706	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
707	54.684	48.048	53.998	48.053	55	48	1	3	60.0
707	72.651	27.720	72.823	28.238	73	27	1	2	60.0
707	77.621	55.193	77.621	55.193	78	55	1	0	60.0
707	60.934	48.053	60.934	48.053	61	48	1	0	60.0 *
708	44.268	49 896	44.090	49.044	44	50	1	4	60.0
708	48.890	54.762	48.890	54.762	49	55	1	0	60.0
708	38.235	48.818	38.235	48.818	38	49	1	0	60.0
708	45.201	72.688	45.201	72.688	45	73	1	0	60.0
708	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
709	83.870	50.265	83.870	50.265	84	50	1	0	60.0
709	73.650	26.211	74.805	25.265	74	26	1	5	60.0
709	71.480	51.128	71.480	51.128	72	51	1	0	60.0
709	62.915	36.164	62.915	36.164	63	36	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
710	58.590	12.659	59.943	12.385	59	12	1	1	45.6
710	68.398	6.930	69.851	5.449	69	6	1	5	45.6
710	54.076	1.663	53.007	.495	54	1	1	8	45.6
710	48.326	19.927	48.326	19.927	48	20	1	0	45.6
710	65.794	.770	65.794	.770	66	0	1	0	45.6
710	54.033	20.328	54.033	20.328	54	20	1	0	45.6
711	5.533	20.482	6.440	20.311	5	20	1	1	60.0
711	15.559	6.591	16.348	6.440	15	6	1	1	60.0
711	35.110	26.334	35.110	26.334	35	26	1	0	60.0
711	23.284	27.247	23.284	27.247	23	27	1	0	60.0 *
712	45.852	47.185	47.063	47.063	46	47	1	1	60.0
712	25.367	27.597	25.367	27.597	25	27	1	0	60.0
712	44.376	39.824	44.376	39.824	44	40	1	0	60.0
712	41.577	46.970	41.577	46.970	41	47	1	0	60.0
712	21.982	52.945	21.982	52.945	22	53	1	0	60.0
712	34.459	32.894	34.459	32.894	34	33	1	0	60.0
712	34.182	47.063	34.182	47.063	34	47	1	0	60.0 *
713	49.389	47.771	49.389	47.771	49	48	1	0	60.0
713	68.290	54.362	68.290	54.362	68	54	1	0	60.0
713	54.684	48.048	55.980	48.053	55	48	1	1	60.0
713	49.129	34.557	49.129	34.557	49	34	1	0	60.0
713	61.454	47.925	61.454	47.925	62	48	1	0	60.0
713	49.584	53.931	49.584	53.931	50	54	1	0	60.0
713	43.226	46.292	43.226	46.292	43	46	1	0	60.0
713	53.998	60.934	53.998	60.934	54	61	1	0	60.0 *
714	13.693	68.037	14.366	67.869	13	68	1	1	60.0
714	15.580	80.080	15.580	80.080	15	80	1	0	60.0
714	34.568	87.379	34.568	87.379	34	88	1	0	60.0
714	34.112	80.234	34.182	80.749	34	80	1	2	60.0
714	26.626	80.634	27.247	80.749	26	81	1	1	60.0
714	31.210	61.924	31.210	61.924	31	62	1	0	60.0 *
715	34.525	4.158	33.191	4.459	34	4	1	3	60.0
715	37.107	9.917	38.145	10.403	37	10	1	1	60.0
715	21.302	17.339	21.302	17.339	21	17	1	0	60.0 *
716	44.268	49.896	44.268	49.896	44	50	1	0	60.0
716	50.257	48.818	50.257	48.818	50	49	1	0	60.0
716	40.969	44.167	40.969	44.167	41	44	1	0	60.0
716	55.487	51.343	55.487	51.343	56	51	0	0	60.0
716	44.246	70.070	44.246	70.070	44	70	1	0	60.0
716	56.970	56.970	56.970	56.970	57	57	1	0	60.0 *
717	6.553	20.328	7.431	20.311	6	20	1	1	60.0
717	18.835	7.084	18.835	7.084	19	7	0	0	60.0
717	23.045	12.227	23.045	12.227	23	12	1	0	60.0
717	29.382	12.474	30.219	12.385	29	12	1	1	60.0
717	3.038	1.263	4.459	1.486	3	1	1	1	60.0
717	4.459	13.376	4.459	13.376	4	13	1	0	60.0 *
718	46.503	45.029	46.503	45.029	46	45	1	0	60.0
718	54.989	53.007	54.989	53.007	55	53	1	0	60.0 *
719	47.935	46.847	47.935	46.847	48	47	1	0	60.0
719	43.682	59.659	43.682	59.659	44	60	1	0	60.0
719	44.090	53.007	44.090	53.007	44	53	1	0	60.0 *
720	49.150	48.048	50.035	48.053	49	48	1	1	60.0
720	40.080	41.611	40.080	41.611	40	41	0	0	60.0
720	52.948	54.516	52.948	54.516	53	55	0	0	60.0
720	59.132	60.707	59.132	60.707	59	61	1	0	60.0
720	46.828	61.631	46.828	61.631	47	62	1	0	60.0
720	57.874	40.964	57.874	40.964	58	41	1	0	60.0
720	44.398	47.894	44.398	47.894	44	48	1	0	60.0
720	53.121	62.154	53.121	62.154	53	62	1	0	60.0
720	56.550	47.586	56.550	47.586	57	48	1	0	60.0
720	69.028	47.093	69.028	47.093	69	47	1	0	60.0
720	46.416	41.949	46.416	41.949	46	42	1	0	60.0
720	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
721	93.483	62.401	93.483	62.401	94	62	0	0	60.0
721	88.992	84.761	87.685	85.703	89	85	1	7	60.0
721	78.768	67.869	78.768	67.869	79	68	1	0	60.0 *
722	41.989	38.130	41.989	38.130	42	38	1	0	60.0
722	54.575	49.619	54.575	49.619	55	50	1	0	60.0
722	70.330	42.966	70.330	42.966	70	43	0	0	60.0
722	70.308	31.416	70.308	31.416	70	31	1	0	60.0
722	49.801	43.582	49.801	43.582	50	43	0	0	60.0
722	57.331	44.383	57.331	44.383	57	44	1	0	60.0
722	44.090	44.090	44.090	44.090	44	44	1	0	60.0 *
723	44.268	49.896	45.081	50.035	44	50	1	1	60.0
723	35.045	57.195	35.045	57.195	35	57	1	0	60.0
723	51.038	51.159	51.038	51.159	51	51	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
723	40.036	44.321	40.036	44.321	40	44	1	0	60.0
723	46.698	44.105	46.698	44.105	47	44	1	0	60.0
723	59.306	44.660	59.306	44.660	59	45	1	0	60.0
723	47.783	64.218	47.783	64.218	48	64	1	0	60.0
723	45.874	69.885	45.874	69.885	46	70	1	0	60.0
723	54.250	64.587	54.250	64.587	54	65	1	0	60.0
723	56.970	51.026	56.970	51.026	57	51	1	0	60.0 *
724	73.953	27.104	73.953	27.104	74	27	1	0	37.3
724	65.317	8.778	65.317	8.778	65	8	1	0	37.3
724	49.172	32.987	49.172	32.987	49	33	1	0	37.3
724	45.787	20.574	45.787	20.574	46	20	1	0	37.3
725	25.779	26.796	25.779	26.796	26	27	0	0	60.0
725	4.427	20.913	4.427	20.913	4	21	1	0	60.0
725	24.274	40.127	24.274	40.127	24	40	1	0	60.0 *
726	45.613	47.432	47.063	47.063	46	47	1	1	60.0
726	45.114	52.914	45.114	52.914	45	53	1	0	60.0
726	47.566	58.766	47.566	58.766	48	59	0	0	60.0
726	54.662	47.401	53.998	47.063	55	47	1	3	60.0
726	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
727	49.476	48.017	49.476	48.017	49	48	1	0	60.0
727	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
728	45.895	49.187	45.895	49.187	46	49	1	0	60.0
728	31.465	43.243	31.465	43.243	31	43	1	0	60.0
728	39.233	49.126	39.233	49.126	39	49	1	0	60.0
728	51.928	50.327	51.928	50.327	52	50	1	0	60.0
728	33.244	50.265	33.244	50.265	33	50	1	0	60.0
728	31.313	55.994	31.313	55.994	31	56	1	0	60.0
728	47.306	68.684	47.306	68.684	47	69	1	0	60.0
728	50.035	55.980	50.035	55.980	50	56	1	0	60.0 *
729	15.602	6.591	15.602	6.591	15	6	1	0	60.0
729	1.866	25.194	1.866	25.194	1	25	1	0	60.0
729	.716	11.088	.495	12.305	0	11	1	2	60.0
729	15.357	18.330	15.357	18.330	15	18	1	0	60.0 *
730	44.376	52.360	44.376	52.360	44	52	1	0	60.0
730	42.228	46.107	42.228	46.107	42	46	1	0	60.0
730	48.022	58.058	48.022	58.058	48	58	1	0	60.0
730	44.376	39.824	44.376	39.824	44	40	1	0	60.0
730	50.474	33.633	50.474	33.633	50	33	1	0	60.0
730	48.087	45.953	48.087	45.953	48	46	1	0	60.0
730	55.574	38.685	55.574	38.685	56	39	1	0	60.0
730	50.409	51.651	50.409	51.651	50	52	1	0	60.0
730	55.980	51.026	55.980	51.026	56	51	1	0	60.0 *
731	44.398	45.984	44.398	45.984	44	46	1	0	60.0
731	53.187	51.528	53.187	51.528	53	52	0	0	60.0
731	55.942	27.350	55.942	27.350	56	27	1	0	60.0
731	46.221	52.360	46.221	52.360	46	52	1	0	60.0
731	37.237	27.073	37.237	27.073	37	27	1	0	60.0
731	51.537	34.342	51.537	34.342	52	34	0	0	60.0
731	38.192	46.107	38.192	46.107	38	46	1	0	60.0
731	46.072	40.127	46.072	40.127	46	40	1	0	60.0 *
732	45.852	47.185	45.852	47.185	46	47	1	0	60.0
732	36.164	53.998	36.164	53.998	36	54	1	0	60.0 *
733	54.684	48.048	54.989	49.044	55	48	1	2	60.0
733	49.519	48.725	49.519	48.725	49	49	0	0	60.0
733	50.908	54.577	50.908	54.577	51	55	1	0	60.0
733	42.814	47.709	42.814	47.709	43	48	1	0	60.0
733	49.281	61.076	49.281	61.076	49	61	1	0	60.0
733	30.141	61.169	30.141	61.169	30	61	1	0	60.0
733	25.628	53.623	25.628	53.623	25	54	1	0	60.0
733	43.248	59.505	43.248	59.505	43	60	1	0	60.0
733	36.164	59.943	36.164	59.943	36	60	1	0	60.0 *
734	44.268	49.896	45.081	49.044	44	50	1	5	60.0
734	40.384	43.212	40.384	43.212	40	43	1	0	60.0
734	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
735	71.783	30.307	71.783	30.307	72	30	1	0	60.0
735	74.214	24.209	74.214	24.209	74	24	1	0	60.0
735	70.633	18.480	71.832	18.330	71	18	1	1	60.0
735	85.020	25.040	85.703	25.265	85	25	1	1	60.0
735	77.777	31.210	77.777	31.210	78	31	1	0	60.0 *
756	5.967	19.712	5.967	19.712	6	19	0	0	60.0
756	14.604	34.373	15.357	34.102	14	34	1	1	60.0
756	27.212	25.995	27.212	25.995	27	26	1	0	60.0
756	24.868	20.482	24.868	20.482	25	20	1	0	60.0
756	2.477	25.265	2.477	25.265	2	25	1	0	60.0 *
758	95.762	59.783	95.762	59.783	96	60	1	0	2.9
758	94.547	78.293	95.611	78.760	95	79	1	1	2.9

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
762	33 895	1.386	33.895	1.386	34	1	1	0	60.0
762	26.256	26.256	26.256	26.256	26	26	1	0	60.0 *
764	14.691	78.755	14.691	78.755	14	79	1	0	60.0
764	13.376	58.952	13.376	58.952	13	59	1	0	60.0 *
768	72.890	7.330	72.890	7.330	73	7	1	0	60.0
768	73.715	26.334	73.814	25.265	74	26	1	4	60.0
768	46.072	20.311	46.072	20.311	46	20	1	0	60.0 *
769	13.758	83.375	13.758	83.375	13	84	1	0	60.0
769	14.691	78.755	15.357	77.777	14	79	1	5	60.0
769	19.320	84.712	19.320	84.712	19	85	1	0	60.0 *
770	45.852	47.185	47.063	47.063	46	47	1	1	60.0
770	45.081	53.007	45.081	53.007	45	53	1	0	60.0 *
771	49.866	48.356	50.035	49.044	50	48	1	2	60.0
771	43.099	42.109	43.099	42.109	43	42	1	0	60.0 *
772	45.895	49.187	45.895	49.187	46	49	1	0	60.0
772	27.247	61.924	27.247	61.924	27	62	1	0	60.0 *
773	52.709	30.215	52.709	30.215	53	30	1	0	10.7
773	66.532	49.619	66.532	49.619	67	50	1	0	10.7
773	75.798	26.026	76.786	25.265	76	26	1	5	10.7
773	72.825	30.461	72.825	30.461	73	30	1	0	10.7
774	44.268	49.896	44.090	51.026	44	50	1	2	60.0
774	51.017	50.974	51.017	50.974	51	51	1	0	60.0
774	49.346	56.518	49.346	56.518	49	57	1	0	60.0
774	58.112	76.938	58.112	76.938	58	77	1	0	60.0
774	68.767	62.647	68.767	62.647	69	63	1	0	60.0
774	51.026	62.915	51.026	62.915	51	63	1	0	60.0 *
775	46.481	45.029	46.481	45.029	46	45	1	0	60.0
775	45.613	52.360	45.613	52.360	46	52	1	0	60.0
775	55.986	38.192	55.986	38.192	56	38	1	0	60.0
775	38.843	46.477	40.127	46.072	39	46	1	1	60.0
775	25.996	46.231	27.247	46.072	26	46	1	1	60.0
775	53.007	52.016	53.007	52.016	53	52	1	0	60.0 *
776	54.684	48.048	54.989	47.063	55	48	1	4	60.0
776	77.534	27.443	77.534	27.443	78	27	1	0	60 0
776	71.783	26.549	70.841	27 247	72	26	1	7	60.0
776	72.586	31.724	72.823	33.191	73	32	1	2	60.0
776	59.943	21 302	59.943	21.302	60	21	1	0	60.0 *
777	93.744	48.048	94.620	48.053	94	48	1	1	31 2
777	89.556	53.838	88.676	53.998	90	54	1	3	31.2
777	96.022	64.741	95.611	65.888	96	65	1	2	31.2
777	94.460	59.382	93.630	59.943	95	59	1	7	31.2
777	90.033	66.220	88.676	65.888	90	66	1	3	31.2
778	47.479	48.664	47.479	48.664	47	49	1	0	60.0
778	41.403	49.095	41.403	49.095	41	49	1	0	60.0
778	59.631	68 222	59.631	68.222	60	68	1	0	60.0
778	53.007	54.989	53.007	54.989	53	55	1	0	60.0 *
779	72.304	30.553	72.304	30.553	72	30	0	0	60.0
779	73.650	24.147	73.650	24.147	74	24	1	0	60.0
779	54.989	37.155	54.989	37.155	55	37	1	0	60.0 *
780	44.268	49.896	45.081	50.035	44	50	1	1	60.0
780	19.052	37.483	19.052	37 483	19	37	1	0	60.0
780	39.136	57.961	39.136	57.961	39	58	1	0	60.0 *
781	51.711	65.019	51.711	65.019	52	65	1	0	60 0
781	48.347	58.828	48.347	58.828	48	59	1	0	60.0
781	54.445	51.990	54.445	51.990	54	52	1	0	60.0
781	67.053	50.974	67.053	50.974	67	51	1	0	60.0
781	57.722	44.752	57.722	44.752	58	45	1	0	60.0
781	67.313	58.027	67.313	58.027	67	58	1	0	60.0
781	53.998	58.952	53.998	58.952	54	59	1	0	60.0 *
782	40.839	45.676	40.839	45.676	41	46	1	0	60.0
782	44 138	51.836	44 138	51.836	44	52	1	0	60.0
782	36.998	52.144	36.998	52.144	37	52	1	0	60.0
782	49.736	59.321	49.736	59.321	50	59	1	0	60.0
782	47.111	44.660	47.111	44.660	47	45	1	0	60.0
782	35.371	45.738	35.371	45.738	35	46	1	0	60.0
782	50.474	51.189	50.474	51.189	50	51	1	0	60.0
782	42.662	59.136	44.090	58.952	43	59	1	1	60.0
782	44.090	71.832	44.090	71.832	44	72	1	0	60.0 *
783	54.684	48.048	55.980	47.063	55	48	1	5	60.0
783	49.801	47.463	49.801	47.463	50	47	1	0	60 0
783	71.219	26.950	70.841	28.238	71	27	1	2	60.0
783	61.584	46.539	61.584	46.539	62	46	1	0	60.0
783	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
784	45 743	47.309	45.743	47.309	46	47	1	0	60.0
784	50.778	48.356	52.016	48.053	51	48	1	1	60.0
784	38.713	46.908	38.713	46.908	39	47	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
784	41.968	61.076	41.968	61.076	42	61	1	0	60.0
784	42.141	53.222	42.141	53.222	42	53	1	0	60.0
784	58.156	48.140	58.156	48.140	58	48	1	0	60.0
784	35.414	42.288	35.414	42.288	35	42	1	0	60.0
784	53.707	62.277	54.989	61.924	54	62	1	1	60.0
784	52.470	36.313	52.470	36.313	52	36	1	0	60.0
784	36.164	53.998	36.164	53.998	36	54	1	0	60.0 *
785	47.479	48.664	48.053	49.044	47	49	1	1	60.0
785	54.684	48.048	53.998	48.053	55	48	1	3	60.0
785	31.465	43.243	31.465	43.243	31	43	1	0	60.0
785	41.403	49.218	42.109	49.044	41	49	1	1	60.0
785	50.908	54.577	50.908	54.577	51	55	1	0	60.0
785	31.834	63.294	31.834	63.294	32	63	1	0	60.0
785	43.595	62.062	43.595	62.062	44	62	0	0	60.0
785	49.801	43.582	49.801	43.582	50	43	0	0	60.0
785	36.760	42.812	36.760	42.812	37	43	1	0	60.0
785	43.099	42.109	43.099	42.109	43	42	1	0	60.0 *
786	44.268	49.896	44.268	49.896	44	50	1	0	60.0
786	40.384	43.212	40.384	43.212	40	43	1	0	60.0
786	28.600	62.063	28.600	62.863	28	63	1	0	60.0
786	45 960	44.352	45.960	44.352	46	44	1	0	60.0
786	49.975	50.481	49.975	50.481	50	50	1	0	60.0
786	45.049	69.885	45.049	69.885	45	70	1	0	60.0
786	38.145	49.044	38.145	49.044	38	49	1	0	60.0 *
787	55.617	63.540	55.617	63.540	56	64	1	0	60.0
787	29.751	76.630	29.751	76.630	30	77	1	0	60.0
787	55.487	76.199	55.487	76.199	56	76	0	0	60.0
787	34.698	82.803	34.698	82.803	35	83	0	0	60.0
787	49.389	75.337	49.389	75.337	49	76	1	0	60.0
787	43.099	63.906	43.099	63.906	43	64	1	0	60.0 *
788	44.398	45.984	44.398	45.904	44	46	1	0	60.0
788	45.440	59.013	45.440	59.013	45	59	1	0	60.0
788	48.781	52.483	48.781	52.483	49	52	1	0	60.0
788	41.751	51.805	41.751	51.805	42	52	1	0	60.0
788	50.474	33.510	50.474	33.510	50	33	1	0	60.0
788	64.015	57.349	64.015	57.349	64	57	1	0	60.0
788	38.145	46.072	38.145	46.072	38	46	1	0	60.0 *
789	14.235	35.173	15.357	35.173	14	35	1	1	22.7
789	5.533	20.482	6.440	20.311	5	20	1	1	22.7
789	25.693	40.101	25.693	40.101	25	40	1	0	22.7
789	33.461	15.708	33.461	15.708	33	15	1	0	22.7
789	31.421	21.005	31.421	21.005	31	21	1	0	22.7
790	49.324	47.740	49.324	47.740	49	48	1	0	60.0
790	54.684	48.048	54.989	47.063	55	48	1	4	60.0
790	39 798	40.810	39.798	40.810	40	41	1	0	60.0
790	36 239	29.137	36.239	29.137	36	29	1	0	60.0
790	42 109	47.063	42.109	47.063	42	47	1	0	60.0 *
791	44.268	49.896	45.081	49.044	44	50	1	5	60.0
791	68.290	54.362	68.290	54.362	68	54	1	0	60.0
791	48.890	54.762	48.890	54.762	49	55	1	0	60.0
791	49.389	43.027	49.389	43.027	49	43	1	0	60.0
791	56.593	47.647	56.593	47.647	57	48	1	0	60.0
791	58.112	60.737	58.112	60.737	58	61	1	0	60 0
791	63.841	48.664	63.841	48.664	64	49	1	0	60.0
791	43.099	43.099	43.099	43.099	43	43	1	0	60.0 *
792	47.479	48.664	47.479	48.664	47	49	1	0	60.0
792	51.798	54.516	51.798	54.516	52	55	0	0	60.0
792	28.969	63.294	28.969	63.294	29	63	1	0	60.0
792	25.931	43.890	25.931	43.890	26	44	1	0	60.0
792	54.033	47.863	53.998	49.044	54	48	1	2	60.0
792	47.675	60.891	47.675	60.891	48	61	1	0	60.0
792	25.996	56.271	25.996	56.271	26	56	1	0	60.0
792	40.904	49.649	40.904	49.649	41	50	1	0	60.0
792	39.136	43.099	39.136	43.099	39	43	1	0	60.0 *
793	35.045	57.195	35.045	57.195	35	57	1	0	60.0
793	21.895	55.963	21.895	55.963	22	56	1	0	60.0
793	49.367	49.680	49.367	49.680	49	50	1	0	60.0
793	44.181	70.347	44.181	70.347	44	71	0	0	60.0
793	41.273	56.980	41.273	56.980	41	57	1	0	60.0
793	47.063	44.090	47.063	44.090	47	44	1	0	60.0 *
794	45.722	50.851	45.722	50.851	46	51	1	0	32.1
794	26.452	39.547	26.452	39.547	26	39	1	0	32.1
794	49.910	58.089	49.910	50.089	50	58	1	0	32.1
794	50.127	46.231	50.127	46.231	50	46	1	0	32.1
794	27.689	63.663	27.689	63.663	27	64	1	0	32.1
794	34.590	63.971	34.590	63.971	34	64	1	0	32.1

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
794	37.259	57.349	37.259	57.349	37	57	1	0	32.1
794	44.290	45.276	44.290	45.276	44	45	1	0	32.1
794	30.987	44.845	30.987	44.845	31	45	1	0	32.1
794	37.628	44.691	37.628	44.691	37	45	0	0	32.1
795	38.778	46.446	38.778	46.446	39	46	1	0	60.0
795	45.700	46.323	45.700	46.323	46	46	1	0	60.0
795	55.248	64.002	55.248	64.002	55	64	1	0	60.0
795	53.998	52.016	53.998	52.016	54	52	1	0	60.0 *
796	48.347	47.678	48.347	47.678	48	48	1	0	60.0
796	75.711	52.545	75.711	52.545	76	53	1	0	60.0
796	73.953	59.074	73.953	59.074	74	59	1	0	60.0
796	50.035	53.998	50.035	53.998	50	54	1	0	60.0 *
797	49.801	48.109	51.026	48.053	50	48	1	1	60.0
797	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
798	45.787	49.064	45.787	49.064	46	49	1	0	60.0
798	23.523	54.793	23.523	54.793	23	55	1	0	60.0
798	23.197	35.666	23.197	35.666	23	35	0	0	60.0
798	40.127	50.035	40.127	50.035	40	50	1	0	60.0 *
799	44.268	49.896	43.099	50.035	44	50	1	3	60.0
799	19.443	38.253	19.443	38.253	19	38	1	0	60.0
799	25.541	43.982	25.541	43.982	25	44	1	0	60.0
799	32.201	44.090	32.201	44.090	32	44	1	0	60.0 *
810	14.691	78.755	14.691	78.755	14	79	1	0	60.0
810	20.311	80.749	20.311	80.749	20	81	1	0	60.0 *
813	5.967	19.712	5.967	19.712	6	19	0	0	60.0
813	23.045	12.227	23.045	12.227	23	12	1	0	60.0
813	19.320	38.145	19.320	38.145	19	38	1	0	60.0 *
832	12.239	39.177	13.376	39.136	12	39	1	1	60.0
832	5.881	19.404	4.459	19.320	5	19	1	3	60.0
832	10.403	32.201	10.403	32.201	10	32	1	0	60.0 *
833	5.533	20.482	6.440	20.311	5	20	1	1	60.0
833	21.222	26.241	21.222	26.241	21	26	1	0	60.0
833	.651	32.371	.495	33.191	0	32	1	2	60.0
833	28.238	40.127	28.238	40.127	28	40	1	0	60.0 *
834	49.107	47.863	49.107	47.863	49	48	1	0	60.0
834	54.684	48.048	54.989	47.063	55	48	1	4	60.0
834	62.713	71.579	62.713	71.579	63	72	1	0	60.0
834	55.812	72.257	55.812	72.257	56	72	1	0	60.0
834	42.922	59.659	42.922	59.659	43	60	1	0	60.0
834	61.454	47.001	61.454	47.001	62	47	1	0	60.0
834	41.447	53.992	41.447	53.992	41	54	1	0	60.0
834	49.044	59.943	49.044	59.943	49	60	1	0	60.0 *
835	4.427	20.913	4.459	22.293	4	21	1	2	5.2
835	2.539	2.063	3.468	2.477	2	2	1	1	5.2
835	12.586	10.718	12.586	10.718	12	10	1	0	5.2
836	47.479	48.664	47.479	48.664	47	49	1	0	60.0
836	34.742	50.481	34.742	50.481	35	50	1	0	60.0
836	51.754	54.947	51.754	54.947	52	55	1	0	60.0
836	53.968	47.925	53.998	49.044	54	48	1	2	60.0
836	34.828	42.812	34.828	42.812	35	43	1	0	60.0
836	52.709	30.215	52.709	30.215	53	30	1	0	60.0
836	59.501	40.756	59.501	48.756	60	49	1	0	60.0
836	57.049	35.635	57.049	35.635	57	35	1	0	60.0
836	41.447	43.212	41.447	43.212	41	43	1	0	60.0
836	58.069	55.378	58.069	55.378	58	55	1	0	60.0
836	41.118	50.035	41.118	50.035	41	50	1	0	60.0 *
837	44.268	49.896	44.268	49.896	44	50	1	0	60.0
837	31.465	43.243	31.465	43.243	31	43	1	0	60.0
837	21.895	55.963	21.895	55.963	22	56	1	0	60.0
837	50.474	51.189	50.474	51.189	50	51	1	0	60.0
837	37.155	50.035	37.155	50.035	37	50	1	0	60.0 *
838	46.329	51.497	46.329	51.497	46	51	0	0	60.0
838	43.682	69.823	43.682	69.823	44	70	1	0	60.0
838	56.970	56.970	56.970	56.970	57	57	1	0	60.0 *
839	17.165	77.246	17.165	77.246	17	77	1	0	60.0
839	21.092	70.747	21.092	70.747	21	71	1	0	60.0
839	3.841	90.737	3.841	90.737	3	91	1	0	60.0
839	17.339	83.722	17.339	83.722	17	84	1	0	60.0 *
840	50.170	47.185	50.170	47.185	50	47	1	0	60.0
840	72.651	27.720	72.651	27.720	73	27	0	0	60.0
840	50.474	33.510	50.474	33.510	50	33	1	0	60.0
840	68.355	33.264	68.355	33.264	68	33	0	0	60.0
840	62.915	47.063	62.915	47.063	63	47	1	0	60.0 *
841	45.722	47.432	45.722	47.432	46	47	1	0	60.0
841	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
842	54.684	48.048	54.989	49.044	55	48	1	2	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
842	49.281	48.818	49.281	48.818	49	49	1	0	60.0
842	58.525	60.522	58.525	60.522	59	61	1	0	60.0
842	46.850	61.815	46.850	61.815	47	62	1	0	60.0
842	67.660	55.132	67.660	55.132	68	55	1	0	60.0
842	60.716	47.801	60.716	47.801	61	48	1	0	60.0
842	55.118	67.791	55.118	67.791	55	68	1	0	60.0
842	48.651	56.425	48.651	56.425	49	56	1	0	60.0
842	41.599	60.891	41.599	60.891	41	61	0	0	60.0
842	42.640	55.286	42.640	55.286	43	55	1	0	60.0
842	53.007	61.924	53.007	61.924	53	62	1	0	60.0 *
843	44.268	49.896	45.081	49.044	44	50	1	5	60.0
843	49.801	48.109	51.026	48.053	50	48	1	1	60.0
843	50.539	55.809	50.539	55.809	51	56	0	0	60.0
843	70.221	57.380	70.221	57.380	70	57	1	0	60.0
843	49.044	61.924	49.044	61.924	49	62	1	0	60.0 *
844	35.479	57.165	35.479	57.165	35	57	1	0	60.0
844	44.090	44.890	44.090	44.090	44	44	1	0	60.0 *
845	44.268	49.896	43.099	50.035	44	50	1	3	60.0
845	41.989	38.192	41.989	38.192	42	38	1	0	60.0
845	48.174	64.156	48.174	64.156	48	64	1	0	60.0
845	28.101	64.310	28.101	64.310	28	64	1	0	60.0
845	49.044	52.016	49.044	52.016	49	52	1	0	60.0 *
846	45.244	58.520	45.244	58.520	45	59	1	0	60.0
846	26.452	39.547	26.452	39.547	26	39	1	0	60.0
846	38.951	53.499	38.951	53.499	39	53	0	0	60.0
846	45.027	51.343	45.081	52.016	45	51	1	2	60.0
846	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
847	60.738	84.731	60.738	84.731	61	85	1	0	60.0
847	65.577	78.355	64.897	78.768	66	79	1	3	60.0
847	73.519	85.193	73.814	03.722	74	85	1	4	60.0
847	60.391	71.641	60.391	71.641	60	72	1	0	60.0
847	59.943	59.943	59.943	59.943	60	60	1	0	60.0 *
848	45.678	47.278	47.063	47.063	46	47	1	1	60.0
848	29.081	42.473	29.881	42.473	30	42	1	0	60.0
848	21.136	35.913	22.293	36.164	21	36	1	1	60.0
848	43.099	42.109	43.099	42.109	43	42	1	0	60.0 *
849	49.866	48.356	50.035	49.044	50	48	1	2	60.0
849	27.016	61.538	27.016	61.538	27	62	1	0	60.0
849	51.754	54.947	51.754	54.947	52	55	1	0	60.0
849	44.073	68.776	44.073	68.776	44	69	1	0	60.0
849	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
850	45.895	49.187	45.895	49.187	46	49	1	0	60.0
850	49.367	63.355	49.367	63.355	49	63	1	0	60.0
850	27.928	43.243	27.928	43.243	28	43	1	0	60.0
850	29.228	62.915	29.228	62.915	29	63	1	0	60.0 *
851	74.821	26.180	74.821	26.180	75	26	1	0	26.1
851	72.890	7.330	71.832	7.431	73	7	1	3	26.1
851	65.317	8.778	65.888	7.431	65	8	1	5	26.1
851	85.042	18.880	85.042	18.880	85	19	1	0	26.1
851	69.114	33.017	69.114	33.017	69	33	1	0	26.1
851	68.745	26.488	68.745	26.488	69	26	1	0	26.1
851	60.304	6.221	60.304	6.221	60	6	1	0	26.1
852	44.268	52.083	44.268	52.083	44	52	1	0	60.0
852	45.700	46.323	45.700	46.323	46	46	1	0	60.0
852	47.063	58.952	47.063	58.952	47	59	1	0	60.0 *
853	6.553	20.328	7.431	20.311	6	20	1	1	60.0
853	32.181	21.313	33.191	21.302	32	21	1	1	60.0
853	27.247	41.118	27.247	41.118	27	41	1	0	60.0 *
854	50.170	47.124	50.170	47.124	50	47	1	0	60.0
854	36.164	53.998	36.164	53.998	36	54	1	0	60.0 *
855	47.111	48.417	47.111	48.417	47	48	1	0	60.0
855	50.908	54.824	50.908	54.824	51	55	1	0	60.0
855	52.709	30.215	52.709	30.215	53	30	1	0	60.0
855	53.007	37.155	53.007	37.155	53	37	1	0	60.0 *
856	54.684	48.048	54.989	49.044	55	48	1	2	60.0
856	40.384	43.212	40.384	43.212	40	43	1	0	60.0
856	49.367	49.680	49.367	49.680	49	50	1	0	60.0
856	53.007	54.989	53.007	54.989	53	55	1	0	60.0 *
857	44.268	49.896	45.081	51.026	44	50	1	6	60.0
857	19.443	38.253	19.443	38.253	19	38	1	0	60.0
857	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
858	65.317	8.778	65.317	8.778	65	8	1	0	60.0
858	76.123	26.673	76.123	26.673	76	26	1	0	60.0
858	64.861	1.694	64.861	1.694	65	1	1	0	60.0
858	61.454	14.045	62.915	14.366	62	14	1	1	60.0
858	58.952	8.422	58.952	8.422	59	8	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
859	21.222	26.334	21.222	26.334	21	26	1	0	60.0
859	4.427	20.913	4.427	20.913	4	21	1	0	60.0
859	5.859	33.880	5.859	33.880	5	34	1	0	60.0
859	4.340	41.056	5.449	41.118	4	41	1	1	60.0
859	22.828	20.513	22.828	20.513	23	20	1	0	60.0
859	24.274	40.127	24.274	40.127	24	40	1	0	60.0 *
860	49.519	48.294	50.035	48.053	49	48	1	1	60.0
860	54.684	48.048	55.980	48.053	55	48	1	1	60.0
860	45.006	21.313	45.006	21.313	45	21	1	0	60.0
860	37.259	46.569	37.259	46.569	37	47	0	0	60.0
860	39.136	41.118	39.136	41.118	39	41	1	0	60.0 *
861	62.040	74.074	62.040	74.074	62	74	1	0	16.7
861	73.628	85.223	73.814	86.694	74	86	1	2	16.7
861	56.159	85.993	54.989	85.703	56	86	1	3	16.7
861	61.302	85.932	61.924	85.703	61	86	1	1	16.7
861	54.836	73.827	54.836	73.827	55	74	1	0	16.7
862	72.391	29.414	72.391	29.414	73	29	1	0	60.0
862	60.456	11.396	61.924	11.394	61	11	1	1	60.0
862	73.628	24.270	74.805	23.284	74	24	1	5	60.0
862	50.035	37.155	50.035	37.155	50	37	1	0	60.0 *
863	44.268	49.896	44.268	49.896	44	50	1	0	60.0
863	50.669	50.019	50.669	50.019	51	50	1	0	60.0
863	46.872	75.521	46.872	75.521	47	76	1	0	60.0
863	53.165	56.025	53.165	56.025	53	56	1	0	60.0
863	32.201	62.915	32.201	62.915	32	63	1	0	60.0 *
891	75.755	27.689	75.755	27.689	76	27	1	0	60.0
891	64.449	1.047	64.897	2.477	65	1	1	2	60.0
891	62.915	27.247	62.915	27.247	63	27	1	0	60.0 *
896	44.268	49.896	44.090	51.026	44	50	1	2	60.0
896	46.481	45.029	46.481	45.029	46	45	1	0	60.0
896	51.038	51.159	51.038	51.159	51	51	1	0	60.0
896	26.452	39.547	27.247	39.136	26	39	1	1	60.0
896	32.203	63.509	32.203	63.509	32	64	1	0	60.0
896	46.221	56.549	46.221	56.549	46	57	1	0	60.0
896	40.427	38.099	40.427	38.099	40	38	1	0	60.0
896	25.265	63.906	25.265	63.906	25	64	1	0	60.0 *
897	6.553	20.328	7.431	20.311	6	20	1	1	60.0
897	16.145	7.176	16.145	7.176	16	7	1	0	60.0
897	33.461	21.313	33.461	21.313	33	21	1	0	60.0
897	9.765	14.784	9.765	14.784	9	14	1	0	60.0
897	35.173	27.247	35.173	27.247	35	27	1	0	60.0 *
898	50.170	48.109	51.026	48.053	50	48	1	1	60.0
898	45.179	59.290	45.179	59.290	45	59	1	0	60.0
898	45.081	47.063	45.081	47.063	45	47	1	0	60.0 *
899	47.111	48.417	47.111	48.417	47	48	1	0	60.0
899	51.147	53.530	51.147	53.530	51	54	1	0	60.0
899	71.870	42.381	71.870	42.381	72	42	1	0	60.0
899	59.943	59.943	59.943	59.943	60	60	1	0	60.0 *
900	44.268	49.896	43.099	50.035	44	50	1	3	60.0
900	54.684	48.048	54.989	49.044	55	48	1	2	60.0
900	59.697	68.129	59.697	68.129	60	68	1	0	60.0
900	48.998	50.173	48.998	50.173	49	50	1	0	60.0
900	49.172	61.477	49.172	61.477	49	62	1	0	60.0
900	59.675	54.978	59.675	54.978	60	55	1	0	60.0
900	55.769	73.951	55.769	73.951	56	74	1	0	60.0
900	53.007	54.989	53.007	54.909	53	55	1	0	60.0 *
901	44.268	49.896	45.081	50.035	44	50	1	1	60.0
901	50.083	56.210	50.083	56.210	50	56	1	0	60.0
901	38.886	49.834	38.886	49.834	39	50	1	0	60.0
901	32.615	62.308	32.615	62.308	32	62	1	0	60.0
901	26.127	43.613	26.127	43.613	26	44	0	0	60.0
901	51.928	50.327	51.928	50.327	52	50	1	0	60.0
901	39.233	42.719	39.233	42.719	39	43	1	0	60.0
901	36.933	56.364	36.933	56.364	37	56	1	0	60.0
901	24.694	57.041	24.694	57.041	24	57	1	0	60.0
901	45.331	61.538	45.331	61.538	45	62	1	0	60.0
901	43.248	55.748	43.248	55.748	43	56	1	0	60.0
901	26.256	62.915	26.256	62.915	26	63	1	0	60.0 *
902	19.052	37.483	19.052	37.483	19	37	1	0	60.0
902	8.658	43.674	9.413	44.090	8	44	1	1	60.0
902	29.228	62.915	29.228	62.915	29	63	1	0	60.0 *
903	44.268	52.083	44.268	52.083	44	52	1	0	60.0
903	36.998	52.144	36.998	52.144	37	52	1	0	60.0
903	53.772	59.444	53.772	59.444	54	59	0	0	60.0
903	48.543	59.136	48.543	59.136	48	59	0	0	60.0
903	49.649	46.046	49.649	46.046	50	46	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
903	49.064	33.664	49.064	33.664	49	33	0	0	60.0
903	50.322	52.606	50.322	52.606	50	53	1	0	60.0
903	37.020	43.643	37.020	43.643	37	44	1	0	60.0
903	59.935	57.680	59.935	57.680	60	58	1	0	60.0
903	42.109	57.961	42.109	57.961	42	58	1	0	60.0 *
904	73.780	27.350	73.780	27.350	74	27	1	0	60.0
904	80.963	40.440	80.963	40.440	81	40	1	0	60.0
904	55.942	27.350	55.942	27.350	56	27	1	0	60.0
904	58.264	47.432	58.264	47.432	58	47	1	0	60.0
904	70.568	46.723	70.568	46.723	71	47	1	0	60.0
904	58.742	53.037	58.742	53.037	59	53	1	0	60.0
904	55.980	39.136	55.980	39.136	56	39	1	0	60.0 *
905	40.087	47.771	48.087	47.771	48	48	1	0	60.0
905	70.764	26.857	70.841	28.238	71	27	1	2	60.0
905	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
906	89.360	66.743	88.676	66.878	90	67	1	3	60.0
906	82.481	77.955	82.731	78.768	83	78	1	2	60.0
906	76.449	86.763	76.449	86.763	77	87	1	0	60.0
906	92.984	60.984	92.639	61.924	93	61	1	2	60.0
906	95.611	87.685	95.611	87.685	96	88	1	0	60.0 *
907	93.483	62.401	94.628	61.924	94	62	1	1	60.0
907	65.888	67.869	65.888	67.869	66	68	1	0	60.0 *
908	40.384	43.212	40.384	43.212	40	43	1	0	60.0
908	28.470	63.171	28.470	63.171	28	63	1	0	60.0
908	42.109	51.026	42.109	51.026	42	51	1	0	60.0 *
909	44.268	49.896	45.081	51.026	44	50	1	6	60.0
909	50.669	50.019	50.669	50.019	51	50	1	0	60.0
909	55.617	63.540	55.617	63.540	56	64	1	0	60.0
909	48.130	44.383	48.130	44.383	48	44	1	0	60.0
909	38.018	57.781	38.018	57.781	38	58	1	0	60.0
909	32.072	51.898	32.072	51.898	32	52	1	0	60.0
909	43.099	63.906	43.099	63.906	43	64	1	0	60.0 *
910	72.456	26.580	71.832	27.247	73	26	1	7	60.0
910	45.722	21.560	45.722	21.560	46	21	1	0	60.0
910	61.888	12.997	61.888	12.997	62	13	1	0	60.0
910	50.035	33.191	50.035	33.191	50	33	1	0	60.0 *
911	14.756	35.112	15.357	35.173	14	35	1	1	22.5
911	24.195	54.362	24.195	54.362	24	54	1	0	22.5
911	38.843	46.415	40.127	46.072	39	46	1	1	22.5
911	29.251	40.255	29.251	40.255	29	40	1	0	22.5
911	35.870	27.874	35.070	27.874	36	28	1	0	22.5
911	17.599	29.383	17.599	29.383	17	29	1	0	22.5
911	34.676	47.432	34.676	47.432	34	47	0	0	22.5
911	34.438	34.496	34.438	34.496	34	34	1	0	22.5
912	49.237	48.202	49.237	48.202	49	48	1	0	60.0
912	54.684	48.048	54.989	47.063	55	48	1	4	60.0
912	70.047	30.430	70.047	30.430	70	30	1	0	60.0
912	69.851	42.109	69.851	42.109	70	42	1	0	60.0 *
913	44.268	49.896	45.081	49.044	44	50	1	5	60.0
913	71.070	42.381	71.870	42.381	72	42	1	0	60.0
913	59.943	54.909	59.043	54.989	60	55	1	0	60.0 *
914	47.479	48.664	47.479	48.664	47	49	1	0	60.0
914	34.742	50.481	34.742	50.481	35	50	1	0	60.0
914	56.116	57.011	56.116	57.011	56	57	1	0	60.0
914	37.324	56.425	37.324	56.425	37	56	1	0	60.0
914	55.248	68.899	55.248	68.899	55	69	1	0	60.0
914	49.044	43.099	49.044	43.099	49	43	1	0	60.0 *
915	72.890	7.330	73.814	7.431	73	7	1	1	14.1
915	68.398	6.930	67.069	6.440	69	6	1	3	14.1
915	76.123	26.549	76.786	26.256	76	26	1	1	14.1
915	70.438	32.401	70.438	32.401	71	32	1	0	14.1
915	69.223	17.956	67.869	18.330	69	18	1	3	14.1
916	45.722	50.851	45.722	50.851	46	51	1	0	60.0
916	26.452	39.547	26.452	39.547	26	39	1	0	60.0
916	35.045	26.241	35.045	26.241	35	26	1	0	60.0
916	35.306	32.771	35.306	32.771	35	33	1	0	60.0
916	48.022	45.430	48.022	45.430	48	45	1	0	60.0
916	48.065	33.510	48.065	33.510	48	33	1	0	60.0
916	35.173	46.072	35.173	46.072	35	46	1	0	60.0 *
917	49.649	46.970	49.649	46.970	50	47	1	0	60.0
917	53.772	52.144	53.772	52.144	54	52	1	0	60.0
917	67.053	52.883	67.053	52.083	67	53	1	0	60.0
917	42.315	52.545	42.315	52.545	42	53	1	0	60.0
917	47.588	52.760	47.588	52.760	48	53	1	0	60.0
917	51.060	59.043	51.060	59.043	51	59	1	0	60.0
917	43.099	46.072	43.099	46.072	43	46	1	0	60.0 *

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
918	88.058	41.857	88.058	41.857	88	42	1	0	60.0
918	95.762	59.783	96.602	59.943	96	60	1	1	60.0
918	91.075	68.129	91.075	68.129	91	68	1	0	60.0
918	75.795	53.007	75.795	53.007	76	53	1	0	60.0 *
919	47.675	47.709	47.675	47.709	48	48	1	0	60.0
919	54.604	48.048	54.684	48.048	55	48	1	0	60.0
919	40.622	54.701	40.622	54.701	40	55	0	0	60.0
919	49.259	60.183	49.259	60.183	49	60	1	0	60.0
919	41.403	49.095	42.109	49.044	41	49	1	1	60.0
919	40.080	42.257	40.080	42.257	40	42	1	0	60.0
919	53.007	53.998	53.007	53.998	53	54	1	0	60.0 *
920	44.268	49.896	44.268	49.896	44	50	1	0	60.0
920	49.693	48.818	49.693	48.818	50	49	1	0	60.0
920	40.969	44.537	42.109	44.090	41	44	1	1	60.0
920	49.563	37.329	49.563	37.329	50	37	0	0	60.0
920	30.219	43.099	30.219	43.099	30	43	1	0	60.0 *
921	4.926	93.324	4.926	93.324	4	94	1	0	60.0
921	24.868	75.983	26.256	75.795	25	76	1	1	60.0
921	14.366	88.676	14.366	88.676	14	89	1	0	60.0 *
922	93.483	62.401	93.630	62.915	94	62	1	2	60.0
922	71.832	46.072	71.832	46.072	72	46	1	0	60.0 *
923	6.618	21.745	6.618	21.745	6	21	1	0	60.0
923	7.161	34.496	7.161	34.496	7	34	1	0	60.0
923	14.148	34.280	13.376	34.182	14	34	1	3	60.0
923	23.284	27.247	23.284	27.247	23	27	1	0	60.0 *
924	15.363	70.470	15.363	78.478	15	79	1	0	60.0
924	3.125	91.876	2.477	91.648	3	92	1	3	60.0
924	10.403	84.712	10.403	84.712	10	85	1	0	60.0 *
925	47.111	48.417	47.111	48.417	47	48	1	0	60.0
925	54.684	48.048	53.998	48.053	55	48	1	3	60.0
925	41.403	49.095	41.403	49.095	41	49	1	0	60.0
925	48.608	42.473	48.608	42.473	49	42	1	0	60.0
925	54.076	60.460	54.076	60.460	54	61	0	0	60.0
925	59.545	59.629	59.545	59.629	60	60	1	0	60.0
925	49.044	53.998	49.044	53.998	49	54	1	0	60.0 *
926	44.268	49.896	44.090	49.044	44	50	1	4	60.0
926	52 080	56.025	52.080	56.025	52	56	1	0	60 0
926	58.373	44.290	58.373	44 290	58	44	1	0	60.0
926	49.866	49.649	49.866	49.649	50	50	1	0	60.0
926	55.530	50.142	55.530	50.142	56	50	1	0	60.0
926	45.830	43.335	45.830	43.335	46	43	1	0	60.0
926	46.394	54.947	46.394	54 947	46	55	1	0	60.0
926	33.635	42.719	33.635	42.719	33	43	1	0	60.0
926	44.203	60.799	44.203	60.799	44	61	1	0	60.0
926	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
927	40.731	44.567	40.731	44.567	41	44	0	0	60.0
927	16.600	35.851	16.600	35.851	16	36	1	0	60.0
927	35.173	56.970	35.173	56.970	35	57	1	0	60.0 *
960	45 874	51.128	45.874	51.128	46	51	1	0	60.0
960	42.163	70.162	42.163	70.162	42	70	1	0	60.0
960	61.259	70.470	61.259	70.470	61	71	1	0	60.0
960	48.053	57.961	48.053	57.961	48	58	1	0	60.0 *
961	49.541	46.847	49.541	46.847	50	47	0	0	60.0
961	53.534	52.452	53.534	52.452	54	52	1	0	60.0
961	41.620	53.469	41.620	53.469	42	53	0	0	60.0
961	44.376	39.824	44.376	39.824	44	40	1	0	60.0
961	67.009	51.590	67.009	51.590	67	52	1	0	60.0
961	50.035	58.952	50.035	58.952	50	59	1	0	60.0 *
962	46.264	47.463	46.264	47.463	46	47	1	0	35.4
962	43.682	53.161	43.682	53.161	44	53	1	0	35.4
962	27.429	40.841	27.429	40.841	27	41	1	0	35.4
962	53.302	47.401	53.382	47.401	53	47	1	0	35.4
962	50.474	33.510	50.474	33.510	50	33	1	0	35.4
962	45.592	58.489	45.592	58.489	46	59	0	0	35.4
962	50.669	52.668	50.669	52.668	51	53	1	0	35.4
963	47.675	47.709	47.675	47.709	48	48	1	0	56.0
963	54.684	48.048	54.684	48.048	55	48	1	0	56.0
963	40.622	54.701	40.622	54.701	40	55	0	0	56.0
963	35.848	42.411	35.848	42.411	36	42	1	0	56.0
963	53.143	53.900	53.143	53.900	53	54	1	0	56.0
963	40.752	49.403	42.109	49.044	41	49	1	1	56.0
963	42.054	60.830	42.054	60.830	42	61	1	0	56.0
963	42.532	42.381	42.532	42.381	42	42	1	0	56.0
963	61.107	47.586	61.107	47.586	61	48	1	0	56.0
963	45.722	54.208	45.722	54.208	46	54	1	0	56.0
964	44.268	49.896	45.081	49.044	44	50	1	5	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
964	50.669	50.019	50.669	50.019	51	50	1	0	60.0
964	23.392	54.762	23.392	54.762	23	55	1	0	60.0
964	38.145	49.044	38.145	49.044	38	49	1	0	60.0 *
965	40.492	43.274	40.492	43.274	40	43	1	0	60.0
965	28.427	63.171	28.427	63.171	28	63	1	0	60.0
965	50.539	55.809	50.539	55.809	51	56	0	0	60.0
965	40.127	50.035	40.127	50.035	40	50	1	0	60.0 *
966	72.760	25.872	71.832	25.265	73	26	1	8	60.0
966	48.053	20.311	48.053	20.311	48	20	1	0	60.0 *
967	5.078	20.513	6.440	20.311	5	20	1	1	36.2
967	11.826	26.334	11.026	26.334	11	26	1	0	36.2
967	23.045	27.350	23.045	27.350	23	27	1	0	36.2
967	16.275	6.560	16.348	7.431	16	6	1	2	36.2
968	60.999	85.008	60.999	85.008	61	85	1	0	60.0
968	74.084	85.439	74.084	85.439	74	86	1	0	60.0
968	65.751	78.540	66.878	78.768	66	79	1	1	60.0
968	47.132	77.677	48.053	77.777	47	78	1	1	60.0
968	53.998	65.888	53.998	65.888	54	66	1	0	60.0 *
969	40.912	47.832	50.035	48.053	49	48	1	1	60.0
969	54.684	48.048	55.980	48.053	55	48	1	1	60.0
969	72.196	27.997	72.196	27.997	72	20	1	0	60.0
969	60.760	22.730	60.760	22.730	61	22	1	0	60.0
969	68.860	47.063	68.860	47.063	69	47	1	0	60.0 *
970	15.732	78.971	15.732	78.971	15	79	1	0	60.0
970	34.459	87.718	34.459	87.718	34	88	1	0	60.0
970	33.982	80.388	33.982	80.388	34	81	1	0	60.0
970	9.439	79.464	9.439	79.464	9	80	1	0	60.0
970	31.210	61.924	31.210	61.924	31	62	1	0	60.0 *
971	75.104	87.626	75.104	87.626	75	88	1	0	35.9
971	55.335	86.517	54.989	87.685	55	87	1	2	35.9
971	58.677	75.121	58.677	75.121	59	75	1	0	35.9
971	66.467	79.033	67.869	79.759	67	79	1	6	35.9
972	44.268	49.896	44.090	49.044	44	50	1	4	60.0
972	50.865	56.549	50.865	56.549	51	57	1	0	60.0
972	65.490	31.293	65.490	31.293	66	31	1	0	60.0
972	53.998	44.090	53.998	44.090	54	44	1	0	60.0 *
973	88.015	45.399	88.015	45.399	88	45	1	0	40.0
973	95.914	64.002	94.620	63.906	96	64	1	2	40.0
973	82.503	37.945	82.503	37.945	83	38	1	0	40.0
973	95.392	49.957	95.602	50.035	96	50	1	1	40.0
973	96.261	59.290	96.602	57.961	97	59	1	4	40.0
974	72.890	7.330	71.832	7.431	73	7	1	3	60.0
974	72.934	26.796	72.934	26.796	73	27	1	0	60.0
974	65.317	8.778	65.888	8.422	65	8	1	1	60.0
974	64.384	1.663	64.384	1.663	64	1	0	0	60.0
974	66.878	27.247	66.878	27.247	67	27	1	0	60.0 *
975	6.835	21.683	6.835	21.683	6	21	1	0	60.0
975	23.284	35.173	23.284	35.173	23	35	1	0	60.0 *
976	50.170	48.109	51.026	48.053	50	48	1	1	60.0
976	53.007	53.990	53.007	53.998	53	54	1	0	60.0 *
977	47.089	48.294	47.089	48.294	47	48	1	0	60.0
977	53.007	37.155	53.007	37.155	53	37	1	0	60.0 *
978	44.268	49.896	43.099	50.035	44	50	1	3	60.0
978	54.684	48.048	54.989	49.044	55	48	1	2	60.0
978	52.492	55.655	52.492	55.655	52	56	0	0	60.0
978	55.009	37.114	55.009	37.114	55	37	1	0	60.0
978	26.734	42.658	26.734	42.658	26	43	0	0	60.0
978	48.716	50.358	48.716	50.358	49	50	1	0	60.0
978	32.441	44.259	32.441	44.259	32	44	1	0	60.0
978	43.660	43.181	43.660	43.101	44	43	1	0	60.0
978	48.781	36.837	48.781	36.837	49	37	1	0	60.0
978	39.136	56.970	39.136	56.970	39	57	1	0	60.0 *
979	44.268	49.896	45.081	51.026	44	50	1	6	60.0
979	40.969	44.167	40.969	44.167	41	44	1	0	60.0
979	19.443	38.253	19.443	38.253	19	38	1	0	60.0
979	47.002	45.183	47.002	45.183	47	45	1	0	60.0
979	29.707	57.134	29.707	57.134	29	57	0	0	60.0
979	39.136	50.035	39.136	50.035	39	50	1	0	60.0 *
980	74.149	25.933	74.149	25.933	74	26	1	0	60.0
980	65.317	0.778	65.317	0.778	65	8	1	0	60.0
980	49.044	33.191	49.044	33.191	49	33	1	0	60.0 *
981	80.529	41.056	80.529	41.056	81	41	1	0	11.0
981	76.644	27.011	76.786	28.238	77	27	1	2	11.0
981	58.264	47.247	58.264	47.247	58	47	1	0	11.0
982	54.684	48.048	53.998	48.053	55	48	1	3	60.0
982	48.326	47.155	48.326	47.155	48	47	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
982	44.919	21.560	44.919	21.560	45	21	1	0	60.0
982	40.796	46.970	40.796	46.970	41	47	1	0	60.0
982	35.173	48.053	35.173	48.053	35	48	1	0	60.0 *
983	54.684	48.048	55.980	48.053	55	48	1	1	60.0
983	50.257	48.018	50.257	48.818	50	49	1	0	60.0
983	61.997	73.951	61.997	73.951	62	74	1	0	60.0
983	73.129	54.516	73.129	54.516	73	55	0	0	60.0
983	56.970	59.943	56.970	59.943	57	60	1	0	60.0 *
984	11.414	24.393	11.414	24.393	11	24	1	0	13.7
984	5.967	19.712	7.431	18.330	6	19	1	5	13.7
984	.325	10.995	-.495	11.394	0	11	1	3	13.7
984	4.513	23.192	5.449	24.274	4	23	1	6	13.7
985	47.501	87.503	47.501	87.503	47	88	1	0	60.0
985	71.632	75.337	71.632	75.337	72	76	1	0	60.0
985	67.986	95.326	68.860	95.611	68	96	1	1	60.0
985	66.315	78.232	65.888	76.786	66	78	1	4	60.0
985	47.063	75.795	47.063	75.795	47	76	1	0	60.0 *
986	42.228	46.107	42.228	46.107	42	46	1	0	60.0
986	30.770	19.681	30.770	19.681	31	19	1	0	60.0
986	59.610	25.194	59.610	25.194	60	25	1	0	60.0
986	38.145	33.191	38.145	33.191	38	33	1	0	60.0 *
987	75.125	26.519	75.125	26.519	75	26	1	0	60.0
987	65.317	8.778	63.906	8.422	65	8	1	3	60.0
987	64.384	1.663	64.384	1.663	64	1	0	0	60.0
987	61.997	14.106	61.997	14.106	62	14	1	0	60.0
987	62.604	26.888	62.604	26.888	63	27	1	0	60.0
987	83.284	20.420	83.284	20.420	84	20	1	0	60.0
987	55.980	27.247	55.980	27.247	56	27	1	0	60.0 *
988	45.743	47.309	47.063	47.063	46	47	1	1	59.0
988	68.290	54.362	68.290	54.362	68	54	1	0	59.0
988	55.248	52.668	55.248	52.668	55	53	1	0	59.0
988	49.498	34.065	49.498	34.065	49	34	1	0	59.0
988	53.252	47.493	53.252	47.493	53	47	1	0	59.0
988	73.932	41.641	73.932	41.641	74	42	1	0	59.0
988	48.651	53.530	48.651	53.530	49	54	1	0	59.0
988	51.776	58.705	53.007	58.952	52	59	1	1	59.0
989	49.389	47.771	49.044	49.044	49	48	1	2	60.0
989	54.684	48.048	54.684	48.048	55	48	1	0	60.0
989	32.767	65.912	32.767	65.912	33	66	1	0	60.0
989	51.147	54.516	51.147	54.516	51	55	0	0	60.0
989	49.064	61.015	49.064	61.015	49	61	1	0	60.0
989	36.716	59.629	36.716	59.629	37	60	1	0	60.0
989	40.470	74.289	40.470	74.289	40	74	0	0	60.0
989	58.091	74.259	58.091	74.259	58	74	1	0	60.0
989	43.487	60.922	43.487	60.922	43	61	1	0	60.0
989	45.309	54.516	45.309	54.516	45	55	0	0	60.0
989	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
990	44.268	49.896	45.081	49.044	44	50	1	5	60.0
990	34.438	43.459	34.438	43.459	34	43	1	0	60.0
990	47.306	54.824	47.306	54.824	47	55	1	0	60.0
990	39.168	49.526	39.168	49.526	39	49	0	0	60.0
990	22.069	56.302	22.069	56.302	22	56	1	0	60.0
990	32.201	49.044	32.201	49.044	32	49	1	0	60.0 *
991	15.646	31.447	15.646	31.447	15	31	1	0	60.0
991	8.702	17.925	8.702	17.925	8	18	1	0	60.0
991	18.315	35.720	18.330	37.155	18	36	1	2	60.0
991	4.947	37.237	5.449	38.145	4	37	1	6	60.0
991	9.548	24.116	10.403	24.274	9	24	1	1	60.0
991	11.175	37.114	11.175	37.114	11	37	1	0	60.0
991	4.926	13.583	4.926	13.583	4	13	1	0	60.0
991	15.357	18.330	15.357	18.330	15	18	1	0	60.0 *
992	75.689	25.441	75.689	25.441	76	25	1	0	5.6
992	81.982	51.282	81.982	51.282	82	51	1	0	5.6
994	13.476	79.895	13.476	79.895	13	80	1	0	2.8
1022	74.040	29.013	74.040	29.013	74	29	1	0	60.0
1022	62.409	11.149	62.915	11.394	62	11	1	1	60.0
1022	75.795	23.284	75.795	23.284	76	23	1	0	60.0 *
1024	29.816	94.309	29.016	94.309	30	95	1	0	60.0
1024	54.706	95.634	54.706	95.634	55	96	1	0	60.0
1024	44.090	70.841	44.090	70.841	44	71	1	0	60.0 *
1025	15.515	78.755	15.515	78.755	15	79	1	0	25.6
1025	13.758	83.375	13.376	84.712	13	84	1	2	25.6
1025	19.269	84.453	19.269	84.453	19	85	1	0	25.6
1025	9.461	89.320	9.461	89.320	9	90	1	0	25.6
1026	47.827	46.816	47.827	46.816	48	47	1	0	60.0
1026	51.971	65.327	51.971	65.327	52	65	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1026	76.731	53.438	76.731	53.438	77	53	1	0	60.0
1026	53.998	58.952	53.998	50.952	54	59	1	0	60.0 *
1027	44.268	49.896	44.090	49.044	44	50	1	4	60.0
1027	54.684	48.048	55.980	48.053	55	48	1	1	60.0
1027	50.257	48.818	50.257	48.818	50	49	1	0	60.0
1027	35.696	53.900	35.696	53.900	36	54	1	0	60.0
1027	43.704	41.919	43.704	41.919	44	42	1	0	60.0
1027	34.959	33.972	34.959	33.972	35	34	1	0	60.0
1027	48.174	54.516	60.174	54.516	48	55	0	0	60.0
1027	30.814	59.844	30.014	59.844	31	60	1	0	60.0
1027	37.324	42.442	37.324	42.442	37	42	1	0	60.0
1027	44.090	60.934	44.090	60.934	44	61	1	0	60.0 *
1028	45.787	49.064	45.787	49.064	46	49	1	0	60.0
1028	50.021	55.101	50.021	55.101	51	55	1	0	60.0
1028	40.470	42.442	40.470	42.442	40	42	1	0	60.0
1028	65.317	49.896	65.317	49.896	65	50	1	0	60.0
1028	40.362	49.403	40.362	49.403	40	49	1	0	60.0
1028	38.145	54.989	38.145	54.989	38	55	1	0	60.0 *
1029	46.980	87.780	46.980	87.780	47	80	1	0	60.0
1029	62.040	74.074	62.040	74.074	62	74	1	0	60.0
1029	48.174	61.969	48.174	61.969	48	62	1	0	60.0
1029	66.228	67.513	66.228	67.513	66	68	1	0	60.0
1029	59.892	87.102	59.943	87.685	60	87	1	2	60.0
1029	55.980	74.805	55.900	74.805	56	75	1	0	60.0 *
1030	44.268	49.896	45.081	51.026	44	50	1	6	60.0
1030	58.047	77.215	58.047	77.215	58	77	1	0	60.0
1030	38.908	74.320	38.908	74.320	39	75	0	0	60.0
1030	32.201	63.906	32.201	63.906	32	64	1	0	60.0 *
1031	19.400	37.668	19.400	37.668	19	38	0	0	60.0
1031	25.628	27.535	25.628	27.535	25	27	1	0	60.0
1031	36.673	25.810	36.673	25.810	37	26	0	0	60.0
1031	40.384	52.483	40.384	52.403	40	52	1	0	60.0
1031	47.063	45.081	47.063	45.081	47	45	1	0	60.0 *
1032	4.427	20.913	4.459	22.293	4	21	1	2	15.8
1032	20.832	27.720	20.832	27.720	21	27	0	0	15.8
1032	9.266	22.669	10.403	22.293	9	22	1	1	15.8
1033	49.623	48.356	51.026	48.053	50	40	1	1	60.0
1033	45.526	46.292	45.526	46.292	45	46	1	0	60.0
1033	38.886	46.785	38.886	46.785	39	47	1	0	60.0
1033	42.684	71.733	42.684	71.733	43	72	1	0	60.0
1033	37.155	59.943	37.155	59.943	37	60	1	0	60.0 *
1034	47.089	48.294	47.089	48.294	47	48	1	0	60.0
1034	54.684	48.048	53.998	48.053	55	48	1	3	60.0
1034	47.306	54.824	47.306	54.824	47	55	1	0	60.0
1034	41.403	49.218	41.403	49.218	41	49	1	0	60.0
1034	57.613	72.595	57.613	72.595	58	73	1	0	60.0
1034	59.501	55.440	59.501	55.440	60	55	1	0	60.0
1034	58.047	60.984	58.047	60.984	58	61	1	0	60.0
1034	59.943	66.878	59.943	66.078	60	67	1	0	60.0 *
1035	44.268	49.896	43.099	50.035	44	50	1	3	60.0
1035	56.116	57.011	56.116	57.011	56	57	1	0	60.0
1035	71.832	42.109	71.832	42.109	72	42	1	0	60.0 *
1036	13.128	68.530	14.366	68.860	13	69	1	1	60.0
1036	4.665	43.982	5.449	44.090	4	44	1	1	60.0
1036	20.897	68.561	20.897	68.561	21	69	1	0	60.0
1036	25.265	63.906	25.265	63.906	25	64	1	0	60.0 *
1037	73.498	26.673	72.823	26.256	74	26	1	3	60.0
1037	66.532	49.619	66.532	49.619	67	50	1	0	60.0
1037	70.590	32.093	70.590	32.093	71	32	1	0	60.0
1037	79.943	52.206	79.943	52.206	80	52	1	0	60.0
1037	57.961	45.081	57.961	45.081	58	45	1	0	60.0 *
1038	44.268	49.096	44.090	51.026	44	50	1	2	60.0
1038	29.924	77.308	29.924	77.308	30	78	1	0	60.0
1038	56.970	71.832	56.970	71.832	57	72	1	0	60.0 *
1039	50.105	46.662	50.105	46.662	50	47	1	0	60.0
1039	45.114	21.067	45.114	21.067	45	21	1	0	60.0
1039	45.081	40.127	45.081	40.127	45	40	1	0	60.0 *
1040	1.736	2.156	1.486	3.468	1	2	1	2	8.2
1040	3.103	22.237	3.468	23.284	3	22	1	2	8.2
1041	54.684	40.048	54.684	48.048	55	48	1	0	60.0
1041	31.465	43.243	31.465	43.243	31	43	1	0	60.0
1041	41.078	48.910	42.109	49.044	41	49	1	1	60.0
1041	50.973	54.485	50.973	54.405	51	54	0	0	60.0
1041	36.933	30.553	36.933	30.553	37	30	1	0	60.0
1041	48.053	48.053	48.053	48.053	48	48	1	0	60.0 *
1042	44.268	49.896	44.268	49.896	44	50	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1042	34.438	43.459	34.438	43.459	34	43	1	0	60.0
1042	27.819	63.325	27.819	63.325	28	63	1	0	60.0
1042	19.269	37.514	19.269	37.514	19	37	1	0	60.0
1042	45.939	44.567	45.939	44.567	46	44	0	0	60.0
1042	40.123	44.444	40.123	44.444	40	44	1	0	60.0
1042	22.329	56.117	22.329	56.117	22	56	1	0	60.0
1042	27.247	43.899	27.247	43.099	27	43	1	0	60.0 *
1043	41.881	24.116	41.881	24.116	42	24	1	0	60.0
1043	42.098	43.643	42.098	43.643	42	44	1	0	60.0
1043	52.948	51.066	52.948	51.066	53	51	1	0	60.0
1043	40.127	50.035	40.127	50.035	40	50	1	0	60.0 *
1044	51.971	65.327	51.971	65.327	52	65	1	0	60.0
1044	49.476	52.267	49.476	52.267	49	52	1	0	60.0
1044	32.463	46.477	32.463	46.477	32	46	1	0	60.0
1044	27.125	64.464	27.125	64.464	27	65	1	0	60.0
1044	43.099	52.016	43.099	52.016	43	52	1	0	60.0 *
1045	45.852	47.185	47.063	47.063	46	47	1	1	60.0
1045	40.883	45.707	40.883	45.707	41	46	1	0	60.0
1045	45.570	52.575	45.570	52.575	45	53	0	0	60.0
1045	53.903	67.051	53.903	67.051	54	67	1	0	60.0
1045	53.252	47.493	53.252	47.493	53	47	1	0	60.0
1045	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
1046	54.684	48.048	55.980	47.063	55	48	1	5	60.0
1046	47.848	46.600	49.044	47.063	48	47	1	1	60.0
1046	45.722	21.406	45.722	21.406	46	21	1	0	60.0
1046	43.099	48.053	43.099	48.053	43	48	1	0	60.0 *
1047	44.268	49.896	45.081	49.044	44	50	1	5	60.0
1047	49.001	48.109	51.026	48.053	50	48	1	1	60.0
1047	24.152	54.485	24.152	54.485	24	54	0	0	60.0
1047	39.320	49.033	39.320	49.033	39	49	1	0	60.0
1047	39.060	29.937	39.060	29.937	39	30	1	0	60.0
1047	49.844	42.109	49.044	42.109	49	42	1	0	60.0 *
1048	47.479	48.664	48.053	49.044	47	49	1	1	60.0
1048	34.742	50.481	34.742	50.481	35	50	1	0	60.0
1048	54.055	50.512	54.055	50.512	54	50	0	0	60.0
1048	51.863	56.179	51.863	56.179	52	56	1	0	60.0
1048	41.165	48.664	41.165	48.664	41	49	1	0	60.0
1048	46.394	54.947	46.394	54.947	46	55	1	0	60.0
1048	57.961	44.090	57.961	44.090	58	44	1	0	60.0 *
1049	44.268	49.896	43.099	50.035	44	50	1	3	60.0
1049	35.045	57.195	35.045	57.195	35	57	1	0	60.0
1049	40.969	44.167	40.969	44.167	41	44	1	0	60.0
1049	17.859	50.265	17.859	50.265	18	50	0	0	60.0
1049	32.203	63.509	32.203	63.509	32	64	1	0	60.0
1049	29.664	44.906	29.664	44.986	29	45	1	0	60.0
1049	29.642	57.011	29.642	57.011	29	57	1	0	60.0
1049	23.718	44.044	23.718	44.044	23	44	1	0	60.0
1049	19.320	61.924	19.320	61.924	19	62	1	0	60.0 *
1050	14.908	83.468	14.008	83.468	15	84	1	0	47.9
1050	11.175	57.503	12.385	57.961	11	58	1	1	47.9
1050	14.691	78.755	13.376	77.777	14	79	1	8	47.9
1050	21.266	70.840	21.266	70.840	21	71	1	0	47.9
1050	28.535	64.218	28.535	64.218	28	64	1	0	47.9
1050	9.070	64.711	9.070	64.711	9	65	1	0	47.9
1051	3.146	22.484	3.468	21.302	3	22	1	4	60.0
1051	15.559	35.481	16.348	34.182	15	35	1	5	60.0
1051	26.256	27.247	26.256	27.247	26	27	1	0	60.0 *
1052	54.684	48.048	54.989	47.063	55	48	1	4	60.0
1052	47.848	46.600	47.848	46.600	48	47	1	0	60.0
1052	42.271	47.832	42.271	47.032	42	48	1	0	60.0
1052	62.648	52.945	62.648	52.945	63	53	1	0	60.0
1052	49.844	59.943	49.044	59.943	49	60	1	0	60.0 *
1053	14.170	81.250	14.366	00.749	14	82	1	4	60.0
1053	20.311	80.326	20.311	80.326	20	81	1	0	60.0
1053	33.613	92.677	33.613	92.677	33	93	1	0	60.0
1053	35.173	06.694	35.173	86.694	35	87	1	0	60.0 *
1054	47.479	48.664	47.479	48.664	47	49	1	0	60.0
1054	24.000	54.947	24.000	54.947	24	55	1	0	60.0
1054	49.044	43.099	49.044	43.899	49	43	1	0	60.0 *
1055	19.052	37.483	19.052	37.483	19	37	1	0	60.0
1055	17.577	49.896	17.577	49.896	17	50	1	0	60.0
1055	26.256	44.090	26.256	44.090	26	44	1	0	60.0 *
1073	40.969	10.318	40.969	10.318	41	10	1	0	60.0
1073	53.807	11.394	53.007	11.394	53	11	1	0	60.0 *
1088	19.443	38.253	19.443	38.253	19	38	1	0	60.0
1088	12.239	39.177	13.376	39.136	12	39	1	1	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1088	9.917	32.032	9.917	32.032	10	32	0	0	60.0
1088	25.128	26.642	25.128	26.642	25	26	1	0	60.0
1088	4.861	20.482	4.861	20.482	4	20	1	0	60.0
1088	.495	25.265	.495	25.265	0	25	1	0	60.0 *
1089	40.803	45.707	40.803	45.707	41	46	1	0	60.0
1089	46.677	45.830	46.677	45.030	47	46	1	0	60.0
1089	38.539	33.110	38.539	33.110	38	33	1	0	60.0
1089	45.244	51.805	45.244	51.805	45	52	1	0	60.0
1089	28.383	39.886	28.383	39.886	28	40	1	0	60.0
1089	32.201	52.016	32.201	52.016	32	52	1	0	60.0 *
1090	54.684	48.048	55.980	47.063	55	48	1	5	60.0
1090	48.434	47.185	49.044	47.063	48	47	1	1	60.0
1090	53.903	65.912	53.903	65.912	54	66	1	0	60.0
1090	47.262	52.606	47.262	52.606	47	53	1	0	60.0
1090	43.099	48.053	43.099	48.053	43	48	1	0	60.0 *
1091	5.859	33.880	5.859	33.880	5	34	1	0	26.5
1091	4.275	22.176	5.449	22.293	4	22	1	1	26.5
1091	16.058	35.605	17.339	35.173	16	35	1	1	26.5
1092	47.045	48.664	48.053	49.044	47	49	1	1	60.0
1092	34.742	50.481	34.742	50.481	35	50	1	0	60.0
1092	52.449	54.824	52.449	54.024	52	55	1	0	60.0
1092	41.403	49.095	41.403	49.095	41	49	1	0	60.0
1092	53.621	48.233	53.998	49.044	54	48	1	2	60.0
1092	34.763	43.366	34.763	43.366	35	43	1	0	60.0
1092	28.926	43.366	28.926	43.366	29	43	1	0	60.0
1092	45.982	54.978	45.982	54.978	46	55	1	0	60.0
1092	34.698	62.370	34.698	62.370	35	62	0	0	60.0
1092	41.534	41.795	41.534	41.795	41	42	1	0	60.0
1092	48.053	61.924	48.053	61.924	48	62	1	0	60.0 *
1093	44.268	49.896	44.090	51.026	44	50	1	2	60.0
1093	44.090	44.090	44.090	44.090	44	44	1	0	60.0 *
1094	45.722	50.851	45.722	50.851	46	51	1	0	60.0
1094	52.991	50.820	52.991	50.820	53	51	1	0	60.0
1094	50.930	56.579	50.930	56.579	51	57	1	0	60.0
1094	38.105	56.980	38.105	56.980	38	57	1	0	60.0
1094	55.980	38.145	55.980	38.145	56	38	1	0	60.0 *
1095	42.228	46.107	42.228	46.107	42	46	1	0	60.0
1095	42.109	53.007	42.109	53.007	42	53	1	0	60.0 *
1096	5.750	21.252	6.440	21.302	5	21	1	1	60.0
1096	35.173	27.247	35.173	27.247	35	27	1	0	60.0 *
1097	46.134	46.970	47.063	47.063	46	47	1	1	60.0
1097	53.007	53.998	53.007	53.998	53	54	1	0	60.0 *
1098	49.172	48.048	49.044	49.044	49	48	1	2	60 0
1098	54.684	48.048	54.684	48.048	55	48	1	0	60.0
1098	41.881	24.116	41.881	24.116	42	24	1	0	60.0
1098	27.147	40.656	27.147	40.656	27	41	1	0	60.0
1098	30.662	47.370	30.662	47.370	30	47	1	0	60.0
1098	39.711	41.734	39.711	41.734	40	42	1	0	60.0
1098	43.099	49.044	43.099	49.044	43	49	1	0	60.0 *
1099	13.736	50 358	13.736	50.358	13	50	1	0	36.1
1099	19.725	37.453	19.725	37.453	19	37	1	0	36.1
1099	12.369	35.943	13.376	36.164	12	36	1	1	36.1
1099	12.694	24.178	13.376	24.274	12	24	1	1	36.1
1099	6.293	22.853	6.440	24.274	6	23	1	2	36.1
1099	24.781	24.979	24.781	24.979	25	25	0	0	36.1
1100	96.007	62.493	96.087	62.493	96	63	0	0	60.0
1100	89.666	62.915	89.666	62.915	90	63	1	0	60.0 *
1101	40.969	44.167	40.969	44.167	41	44	1	0	60.0
1101	43.099	52.016	43.099	52.016	43	52	1	0	60.0 *
1102	13.150	50.727	16.366	51.026	13	51	1	1	60.0
1102	12.239	39.177	13.376	39.136	12	39	1	1	60.0
1102	10.828	45.122	11.394	45.081	10	45	1	1	60.0
1102	36.195	32.709	36.195	32.709	36	33	0	0	60.0
1102	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
1103	15.233	78.509	15.233	78.509	15	79	1	0	15.0
1103	5.099	92.646	5.099	92.646	5	93	1	0	15.0
1103	17 794	91.476	17.794	91.476	17	92	1	0	15.0
1104	54.604	48 048	53.998	48 053	55	48	1	3	60.0
1104	43.682	53.161	43.682	53.161	44	53	1	0	60.0
1104	47.848	46.600	47.848	46.600	48	47	1	0	60.0
1104	23.913	54.916	25.265	54.909	24	55	1	1	60.0
1104	40.774	47.309	40.774	47.309	41	47	1	0	60.0
1104	35.349	48.171	35.349	48.171	35	48	1	0	60.0
1104	44.090	60.934	44.090	60.934	44	61	1	0	60.0 *
1105	44.268	49.896	44.090	49.044	44	50	1	4	60.0
1105	54.684	48.048	55.980	48 053	55	48	1	1	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1105	49.693	48.787	49.693	48.787	50	49	1	0	60.0
1105	52.579	55.255	52.579	55.255	53	55	1	0	60.0
1105	39.776	56.271	39.776	56.271	40	56	1	0	60.0
1105	31.210	49.044	31.210	49.044	31	49	1	0	60.0 *
1106	14.539	81.373	15.357	81.740	14	82	1	1	60.0
1106	34.182	80.749	34.182	80.749	34	81	1	0	60.0 *
1107	41.989	38.130	41.989	38.130	42	38	1	0	60.0
1107	67.335	50.851	67.335	50.851	67	51	1	0	60.0
1107	47.870	50.296	47.870	50.296	48	50	1	0	60.0
1107	49.649	44.075	49.649	44.075	50	44	1	0	60.0
1107	42.109	51.026	42.109	51.026	42	51	1	0	60.0 *
1108	5.230	20.543	5.230	20.543	5	20	1	0	48.3
1108	21.222	26.334	21.222	26.334	21	26	1	0	48.3
1108	12.239	39.177	12.230	39.177	12	39	1	0	48.3
1108	30.001	19.527	30.001	19.527	31	19	1	0	48.3
1100	20.376	14.704	20.376	14.704	20	14	1	0	48.3
1108	7.161	34.496	8.422	34.102	7	34	1	1	48.3
1108	7.725	14.383	7.725	14.383	7	14	1	0	48.3
1109	54.684	48.048	54.989	47.063	55	48	1	4	60.0
1109	42.228	46.107	42.228	46.107	42	46	1	0	60.0
1109	47.479	52.298	47.479	52.298	47	52	1	0	60.0
1109	49.044	59.943	49.044	59.943	49	60	1	0	60.0 *
1110	49.866	48.048	51.026	48.053	50	48	1	1	60.0
1110	36.022	42.442	36.022	42.442	36	42	1	0	60.0
1110	55.240	52.668	55.248	52.668	55	53	1	0	60.0
1110	30.271	41.980	30.271	41.980	30	42	1	0	60.0
1110	50.821	34.927	50.821	34.927	51	35	1	0	60.0
1110	57.201	35.666	57.201	35.666	57	35	0	0	60.0
1110	44.268	47.031	44.268	47.031	44	47	1	0	60.0
1110	36.164	53.998	36.164	53.998	36	54	1	0	60.0 *
1111	47.479	48.664	47.479	48.664	47	49	1	0	60.0
1111	50.821	55.101	50.021	55.101	51	55	1	0	60.0
1111	52.709	30.215	52.709	30.215	53	30	1	0	60.0
1111	53.007	37.155	53.007	37.155	53	37	1	0	60.0 *
1112	49.476	48.479	49.044	49.044	49	48	1	2	60.0
1112	44.268	49.896	43.099	50.035	44	50	1	3	60.0
1112	34.286	42.627	34.286	42.627	34	43	0	0	60.0
1112	55.270	49.341	55.980	49.044	55	49	1	1	60.0
1112	47.306	54.824	47.306	54.824	47	55	1	0	60.0
1112	59.675	55.563	59.675	55.563	60	56	1	0	60.0
1112	43.877	62.247	43.877	62.247	44	62	1	0	60.0
1112	41.121	55.594	41.121	55.594	41	56	1	0	60.0
1112	59.943	44.090	59.943	44.090	60	44	1	0	60.0 *
1113	44.268	49.896	45.081	51.026	44	50	1	6	60.0
1113	27.385	62.216	27.385	62.216	27	62	1	0	60.0
1113	56.116	57.011	56.116	57.011	56	57	1	0	60.0
1113	51.581	63.386	51.581	63.386	52	63	0	0	60.0
1113	49.476	43.643	49.476	43.643	49	44	1	0	60.0
1113	42.814	45.553	42.814	45.553	43	45	0	0	60.0
1113	37.259	57.349	37.259	57.349	37	57	1	0	60.0
1113	51.026	50.035	51.026	50.035	51	50	1	0	60.0 *
1114	46.503	45.029	46.503	45.029	46	45	1	0	60.0
1114	53.772	52.144	53.772	52.144	54	52	1	0	60.0
1114	38.843	56.980	38.843	56.980	39	57	1	0	60.0
1114	35.631	52.021	35.631	52.021	35	52	1	0	60.0
1114	39.407	45.461	39.407	45.461	39	45	1	0	60.0
1114	47.710	50.543	47.718	50.543	48	51	0	0	60.0
1114	40.904	50.635	40.904	50.635	41	51	1	0	60.0
1114	35.371	32.648	35.371	32.648	35	32	1	0	60.0
1114	46.072	56.970	46.072	56.970	46	57	1	0	60.0 *
1115	40.839	45.676	40.839	45.676	41	46	1	0	60.0
1115	47.957	59.351	47.957	59.351	48	59	1	0	60.0
1115	48.456	46.231	48.456	46.231	48	46	1	0	60.0
1115	43.099	52.016	43.099	52.016	43	52	1	0	60.0 *
1116	49.107	47.863	50.035	48.053	49	48	1	1	60.0
1116	54.684	48.048	55.980	47.063	55	40	1	5	60.0
1116	40.557	40.871	40.557	40.871	40	41	1	0	60.0
1116	27.147	40.656	27.147	40.656	27	41	1	0	60.0
1116	33 743	65.049	33.743	65.049	34	65	1	0	60.0
1116	38.951	53.499	40.127	53.007	39	53	1	1	60.0
1116	44.203	59.844	44.203	59.844	44	60	1	0	60.0
1116	51.646	53.900	51.646	53.900	52	54	1	0	60 0
1116	33.191	53.007	33.191	53.007	33	53	1	0	60.0 *
1117	55.639	86.271	55.980	85.703	56	87	1	4	60.0
1117	74.084	85.223	74.084	85.223	74	86	0	0	60.0
1117	59.176	80.326	59.943	80.749	59	81	1	1	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1117	60.565	85.408	61.924	86.694	61	86	1	6	60.0
1117	58.952	60.934	58.952	60.934	59	61	1	0	60.0 *
1118	47.045	48.664	48.053	49.044	47	49	1	1	60.0
1118	54.684	48.048	54.989	49.044	55	48	1	2	60.0
1118	52.709	30.215	53.998	30.219	53	30	1	1	60.0
1118	70.113	42.719	70.113	42.719	70	43	1	0	60.0
1118	49.801	43.582	49.801	43.582	50	43	0	0	60.0
1118	42.337	50.389	42.337	50.389	42	50	1	0	60.0
1118	57.288	43.366	57.288	43.366	57	43	1	0	60.0
1118	44.090	44.090	44.090	44.090	44	44	1	0	60.0 *
1119	44.268	49.896	45.081	50.035	44	50	1	1	60.0
1119	51.038	51.159	51.038	51.159	51	51	1	0	60.0
1119	48.282	75.983	48.282	75.983	48	76	1	0	60.0
1119	26.256	62.915	26.256	62.915	26	63	1	0	60.0 *
1128	34.069	2.926	34.069	2.926	34	2	1	0	9.6
1128	59.783	1.016	58.952	1.486	60	1	1	3	9.6
1128	32.289	8.254	32.289	8.254	32	8	1	0	9.6
1132	75.733	25.410	75.733	25.410	76	25	1	0	60.0
1132	82.286	49.064	82.286	49.064	83	49	1	0	60.0
1132	88.676	37.155	88.676	37.155	89	37	1	0	60.0 *
1142	16.036	16.293	16.036	16.293	16	16	1	0	8.2
1142	34.199	4.004	35.173	3.468	34	4	1	5	8.2
1142	39.602	9.856	39.602	9.856	39	9	1	0	8.2
1142	16.622	5.759	16.348	4.459	16	5	1	4	8.2
1152	44.268	49.896	45.081	51.026	44	50	1	6	60.0
1152	47.063	45.081	47.063	45.081	47	45	1	0	60.0 *
1153	72.890	7.330	72.823	8.422	73	7	1	2	28.8
1153	72.651	27.720	72.651	27.720	73	27	0	0	28.8
1153	64.384	1.663	64.384	1.663	64	1	0	0	28.8
1153	70.915	21.252	70.915	21.252	71	21	1	0	28.8
1153	45.613	20.389	45.613	20.389	46	20	1	0	28.8
1153	61.346	14.137	61.346	14.137	61	14	1	0	28.8
1153	65.425	8.316	66.078	8.422	66	8	1	1	28.8
1153	64.492	21.775	64.492	21.775	65	21	0	0	28.8
1153	66.727	27.165	66.727	27.165	67	27	1	0	28.8
1154	49.628	48.140	51.026	48.053	50	48	1	1	60.0
1154	38.691	46.816	38.691	46.816	39	47	1	0	60.0
1154	44.919	48.448	44.919	48.448	45	48	1	0	60.0
1154	36.022	32.925	36.022	32.925	36	33	1	0	60.0
1154	46.980	22.669	48.053	22.293	47	22	1	1	60.0
1154	26.452	39.670	26.452	39.670	26	40	1	0	60.0
1154	45.081	41.118	45.081	41.118	45	41	1	0	60.0 *
1155	47.089	48.294	47.089	48.294	47	48	1	0	60.0
1155	54.684	40.048	53.998	48.053	55	48	1	3	60.0
1155	59.458	49.280	59.458	49.280	60	49	0	0	60.0
1155	41.118	48.053	41.118	48.053	41	48	1	0	60.0 *
1156	49.389	47.771	49.044	49.044	49	48	1	2	60.0
1156	44.268	49.896	43.099	50.035	44	50	1	3	60.0
1156	47.219	55.070	47.219	55.070	47	55	1	0	60.0
1156	53.490	36.529	53.490	36.529	53	36	0	0	60.0
1156	37.155	50.035	37.155	50.035	37	50	1	0	60.0 *
1157	56.116	57.011	56.116	57.011	56	57	1	0	60.0
1157	59.176	76.107	59.176	76.107	59	76	1	0	60.0
1157	63.798	81.527	64.097	81.740	64	82	1	1	60.0
1157	59.328	81.312	58.952	82.731	59	82	1	2	60.0
1157	53.007	75.795	53.007	75.795	53	76	1	0	60.0 *
1158	40.969	44.167	40.969	44.167	41	44	1	0	60.0
1158	15.646	31.447	15.646	31.447	15	31	1	0	60.0
1158	26.474	26.580	26.474	26.580	26	26	1	0	60.0
1158	13.215	36.713	13.215	36.713	13	37	1	0	60.0
1158	29.228	45.081	29.228	45.081	29	45	1	0	60.0 *
1159	5.533	20.482	5.449	21.302	5	20	1	2	5.2
1159	4.166	14.075	5.449	14.366	4	14	1	1	5.2
1159	15.190	7.854	15.190	7.854	15	7	1	0	5.2
1160	15.515	78.755	15.515	78.755	15	79	1	0	60.0
1160	13.376	50.952	13.376	58.952	13	59	1	0	60.0 *
1161	54.684	48.048	54.989	47.063	55	48	1	4	60.0
1161	47.935	46.847	47.935	46.847	48	47	1	0	60.0
1161	28.731	59.505	28.731	59.505	28	60	0	0	60.8
1161	42.076	47.894	42.076	47.894	42	48	1	0	60.0
1161	46.763	73.304	46.763	73.304	47	73	0	0	60.0
1161	48.053	53.998	48.053	53.998	48	54	1	0	60.0 *
1162	44.268	49.896	44.090	49.044	44	50	1	4	60.0
1162	23.892	54.793	25.265	54.989	24	55	1	1	60.0
1162	25.693	66.466	25.693	66.466	25	67	1	0	60.0
1162	43.487	60.922	43.487	60.922	43	61	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1162	51.026	55.980	51.026	55.980	51	56	1	0	60.0 *
1163	47.479	48.664	47.479	48.664	47	49	1	0	60.0
1163	59.631	68.222	59.631	68.222	60	68	1	0	60.0
1163	47.063	55.980	47.063	55.980	47	56	1	0	60.0 *
1164	41.989	38.192	41.989	38.192	42	38	1	0	60.0
1164	54.989	56.970	54.989	56.970	55	57	1	0	60.0 *
1165	44.268	49.896	45.081	50.035	44	50	1	1	60.0
1165	42.098	43.643	42.098	43.643	42	44	1	0	60.0
1165	45.158	69.762	45.158	69.762	45	70	1	0	60.0
1165	30.185	64.218	30.185	64.218	30	64	1	0	60.0
1165	39.136	57.961	39.136	57.961	39	58	1	0	60.0 *
1166	65.317	8.770	64.097	7.431	65	8	1	4	60.0
1166	72.695	28.182	71.832	20.238	73	28	1	3	60.0
1166	46.072	20.311	46.072	20.311	46	20	1	0	60.0 *
1167	40.883	45.707	40.083	45.707	41	46	1	0	60.0
1167	14.170	35.327	15.357	35.173	14	35	1	1	60.0
1167	24.000	52.729	24.000	52.729	24	53	1	0	60.0
1167	17.664	29.445	17.664	29.445	17	29	1	0	60.0
1167	37.155	52.016	37.155	52.016	37	52	1	0	60.0 *
1168	54.684	48.048	55.980	47.063	55	48	1	5	60.0
1168	75.624	28.367	75.795	29.228	76	28	1	2	60.0
1168	57.852	29.198	57.852	29.198	58	29	1	0	60.0
1168	61.924	48.053	61.924	48.053	62	48	1	0	60.0 *
1169	44.268	49.896	45.081	49.044	44	50	1	5	60.0
1169	52.709	30.215	52.709	30.215	53	30	1	0	60.0
1169	52.036	49.372	52.036	49.372	52	49	1	0	60.0
1169	39.136	49.044	39.136	49.044	39	49	1	0	60.0 *
1170	47.045	48.664	48.053	49.044	47	49	1	1	60.0
1170	34.742	50.481	34.742	50.481	35	50	1	0	60.0
1170	41.403	49.095	41.403	49.095	41	49	1	0	60.0
1170	25.714	64.064	25.714	64.064	25	64	1	0	60.0
1170	30.219	43.099	30.219	43.099	30	43	1	0	60.0 *
1171	44.268	49.896	44.090	51.026	44	50	1	2	33.1
1171	58.503	55.902	58.503	55.902	59	56	1	0	33.1
1171	58 156	44.229	58.156	44.229	58	44	1	0	33.1
1171	55.660	38.500	55.660	38.500	56	38	1	0	33.1
1171	45.809	56.672	45.809	56.672	46	57	1	0	33.1
1171	55.986	49.896	55.986	49.896	56	50	1	0	33.1
1171	50.431	50.635	50.431	50.635	50	51	1	0	33.1
1171	38.799	44.660	38.799	44.660	39	45	1	0	33.1
1171	44.897	43.705	44.897	43.705	45	44	1	0	33.1
1171	53.317	56.949	53.317	56.949	53	57	1	0	33.1
1172	14.908	83.468	14.908	03.468	15	84	1	0	60.0
1172	31.096	77.801	30.219	77.777	31	78	1	3	60.0
1172	5.121	90.737	5.121	90.737	5	91	1	0	60.0
1172	16.383	77.616	17.339	77.777	16	78	1	1	60.0
1172	21.302	70.841	21.302	70.841	21	71	1	0	60.0 *
1173	4.774	21.098	3.468	21.302	4	21	1	3	60.0
1173	5.316	34.342	6.440	34.182	5	34	1	1	60.0
1173	12.385	34.102	12.385	34.182	12	34	1	0	60.0 *
1174	14.170	35.666	14.170	35.666	14	35	0	0	60.0
1174	27.255	47.309	27.255	47.309	27	47	1	0	60.0
1174	23.892	21.621	23.092	21.621	24	21	1	0	60.0
1174	8.463	35.728	8.463	35.728	8	36	1	0	60.0
1174	34.182	47.063	34.182	47.063	34	47	1	0	60.0 *
1175	49.324	47.740	49.324	47.740	49	48	1	0	60.0
1175	54.684	40.048	54.989	49.044	55	48	1	2	60.0
1175	71.870	42.301	71.870	42.381	72	42	1	0	60.0
1175	53.007	54.989	53.007	54.989	53	55	1	0	60.0 *
1176	44.268	49.896	44.090	49.044	44	50	1	4	60.0
1176	41.881	24.116	41.881	24.116	42	24	1	0	60.0
1176	19.852	37.483	19.052	37.483	19	37	1	0	60.0
1176	36.164	44.090	36.164	44.090	36	44	1	0	60.0 *
1177	02.525	57.300	82.525	57.380	03	57	1	0	21.3
1177	95.049	51.035	96.602	50.035	96	51	1	5	21.3
1177	84.890	51.128	84.890	51.128	85	51	1	0	21.3
1177	96.109	63.017	97.593	62.915	97	63	1	1	21.3
1178	17.099	77.185	17.099	77.185	17	77	1	0	60.0
1178	10.025	87.626	10.403	88.676	10	88	1	2	60.0
1178	29.403	78.232	29.403	78.232	29	78	1	0	60.0
1178	4.459	89.666	4.459	89.666	4	90	1	0	60.0 *
1179	73.671	26.888	73.671	26.888	74	27	1	0	60.0
1179	76.362	53.499	76.362	53.499	77	53	0	0	60.0
1179	80.485	47.309	80.485	47.309	81	47	1	0	60.0
1179	61.924	46.072	61.924	46.072	62	46	1	0	60.0 *
1180	45.852	47.105	45.852	47.105	46	47	1	0	60.0

	SITE REQUESTED		SITE ASSIGNED		SITE REQ				
FREQ	OX	OY	AX	AY	I1	I2	SQUARE	WHERE	OCCUPANCIE
1180	39.136	47.063	39.136	47.063	39	47	1	0	60.0 *
1181	54.684	48.048	53.990	48.053	55	48	1	3	60.0
1181	48.053	48.053	48.053	48.053	48	48	1	0	60.0 *
1182	44.268	49.896	44.268	49.896	44	50	1	0	60.0
1182	40.492	43.274	40.492	43.274	40	43	1	0	60.0
1182	49.541	49.803	49.541	49.803	50	50	0	0	60.0
1182	28.232	67.729	28.232	67.729	28	68	1	0	60.0
1182	40.127	54.989	40.127	54.989	40	55	1	0	60.0 *
1183	30.011	76.538	30.011	76.538	30	77	1	0	12.6
1183	10.025	87.626	11.394	87.685	10	80	1	1	12.6
1183	34.720	87.533	36.164	87.685	35	80	1	1	12.6
1183	14.951	80.665	16.348	81.740	15	81	1	6	12.6
1192	5.208	22.145	5.208	22.145	5	22	1	0	60.0
1192	5.449	34.182	5.449	34.182	5	34	1	0	60.0 *

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