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SlotMachine

A PRIVACY-PRESERVING MARKETPLACE FOR SLOT MANAGEMENT

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Abstract

This document provides the analysis of the state of the art regarding evolutionary algorithms related to SESAR ER project SlotMachine.

SlotMachine employs blockchain technology and secure multi-party computation to extend the existing User-Driven Prioritisation Process (UDDP) solution with the possibility to keep private the participating airlines' confidential information such as the cost structure of flights. Technology will allow for secure, auditable transactions without the need for a central broker, whereby stakeholders will be able to enter slot swapping transactions without disclosing information to other participants. By demonstrating the feasibility of a privacy-preserving platform for swapping ATFM slots, the foundation can be laid for the development of a product that will be an essential element in the aviation industry in the future. It contributes to better use of existing resources at airports, higher efficiency of airlines, lower emissions, and shorter delays for passengers.

In this deliverable, we experimentally examine different evolutionary algorithms with varying parameters regarding the algorithms' suitability to find solutions to the SlotMachine flight prioritization problem for maximizing airspace users' overall utility. For the experiments, we generated synthetic test data to model different scenarios regarding the airspace users' preferences. To this end, we implemented a non-privacy-preserving prototype for the SlotMachine Heuristic Optimizer, which employs commonly available open-source software frameworks, to experiment with evolutionary algorithms. First, the Jenetics framework served to implement different genetic algorithms in Java for flight prioritization, providing different variants of mutators and selectors which can be used. Second, OptaPlanner provides implementations of heuristic local search algorithms, e.g., hill climbing, simulated annealing, and tabu search, which can be leveraged to solve the SlotMachine flight prioritization problem.



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1 Introduction

1.1 Purpose of the document

This document investigates the state of the art regarding constraint satisfaction problems and evolutionary algorithms relevant for building the Heuristic Optimizer component of the SlotMachine system. The document shall form the basis for decisions regarding the implementation of the evolutionary algorithm for the SlotMachine Heuristic Optimizer component described in deliverable D4.2. To this end, we implemented a non-privacy-preserving prototype that forms the basis for experiments regarding the performance of different evolutionary algorithms in the context of the SlotMachine flight prioritization problem. The non-privacy-preserving prototype serves as the basis for further development of the Heuristic Optimizer component.

1.2 Scope

This document characterizes the SlotMachine flight prioritization problem and puts the problem into perspective. Different evolutionary algorithms and software frameworks are experimentally evaluated using synthetic test data generated specifically for the experiments.

1.3 Structure of the document and relation to other deliverables

Chapter 2 of this document characterizes the SlotMachine flight prioritization problem, which (heuristic) optimization algorithms in conjunction with secure multiparty computation shall solve. Chapter 3 gives a brief overview of heuristic and deterministic optimization algorithms that can be used to solve the SlotMachine flight prioritization problem. Chapter 4 gives a brief overview of available software frameworks for solving optimization problems. Chapter 5 presents the non-privacy-preserving prototype which was used for experimenting with different optimization algorithms and software frameworks. Chapter 6 describes the generated experimental data that are used to evaluate the suitability of the previously presented algorithms and frameworks for employment in the SlotMachine project. Chapter 7 presents the results of those experiments and Chapter 8 draws conclusions from the experimental results.

Deliverable D3.1 of the SlotMachine project investigates the state of the art of relevant concepts in secure multiparty computation, which shall be employed for computing the fitness of the solutions found by the optimization algorithms. Deliverable D4.2 will build on the results of D4.1 when choosing the appropriate optimization algorithm. The non-privacy-preserving prototype built for the experiments in this deliverable will serve as the core for the Heuristic Optimizer component of the SlotMachine system as described in deliverable D2.1. Deliverable D2.3 describes relevant business concepts for SlotMachine, including potential options for market mechanisms, which influence the optimization process.

2 SlotMachine flight prioritization problem

Before investigating the state of the art, we clarify the nature of the constraint satisfaction problem that we are dealing with in SlotMachine. More specifically, we discuss what we understand by *SlotMachine flight prioritization problem*, which should be solved through the use of evolutionary algorithms in conjunction with secure multiparty computation.

2.1 Background

Each flight has its own individual, typically non-linear cost function dependent on the delay time (Figure 1). Flights then have different delay targets in case of a regulation that results in reduced capacity at an airport that causes flights to be delayed. After a delay target is missed, the costs typically bounce upwards considerably.

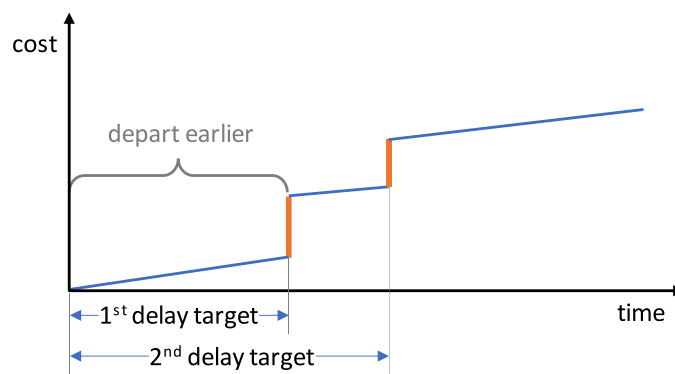


Figure 1. Non-linear cost function for a flight in case of a delay

In case of a regulation, which reduces the capacity of the airspace and causes delay, flights could be reordered based on their non-linear cost functions. Figure 2 shows the cost functions of three flights (Flight A–C). The left side shows the original departure times using dashed lines. Hence, Flight A departs before Flight C, which is followed by Flight B. Flight C, however, has a much flatter cost function than Flight B, with the first (and only) delay target of Flight C being considerably further in the future than the first delay target of Flight B. Likewise, Flight A can be held up longer than Flight B before incurring a considerable rise in the costs. Therefore, based on these cost functions, the ideal departure order would be Flight B before Flight A, followed by Flight C.

The SlotMachine flight prioritization problem can be considered a *permutation problem* or a *matching problem*. If considered a permutation problem, the optimization goal is to find the optimal sequence of flights. Ultimately, the SlotMachine flight prioritization problem boils down to a *bipartite matching* between a set of flights and a set of slots, with the constraint that each flight must be matched to exactly one slot and each slot can be matched to at most one flight. Furthermore, the slot that a flight is matched to must not have a time earlier than the flight's originally scheduled departure time (before the regulation).

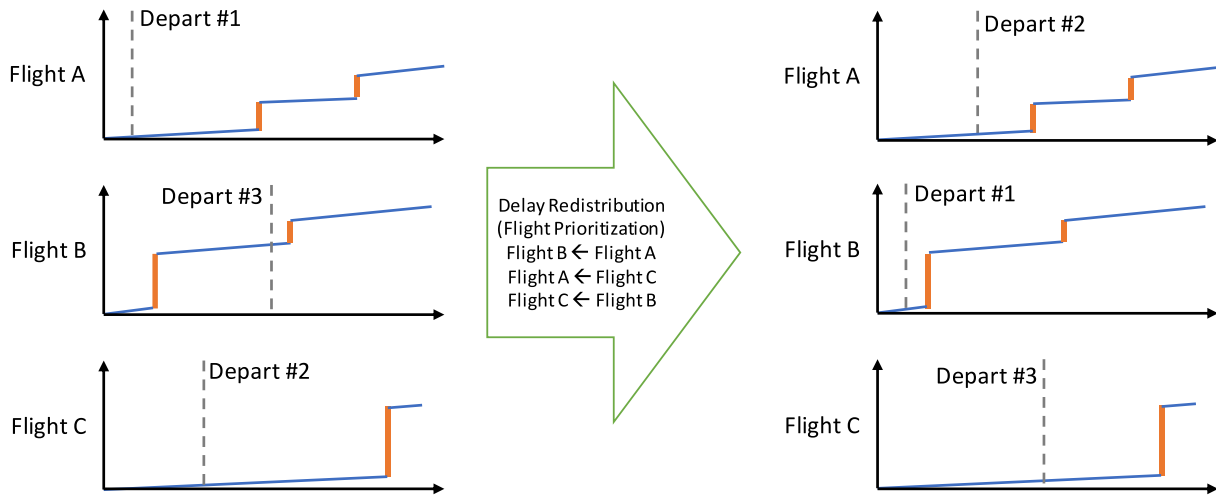


Figure 2. Flight prioritization based on cost functions. The dashed lines show departure times.

2.2 Margins

In order to simplify the concept of non-linear cost functions and provide a unified concept for specifying slot preferences for flights, we adopt a simple set of parameters consisting of margins, a time wished, and a priority for each flight (Table 1). Hence, each flight has a preferred time for departure in case of a regulation (time wished) as well as a time which the flight should not depart before and a time which the flight should depart after. In addition, airspace users may specify the priority of a flight. We note, however, that airspace users may employ different parameters to determine the best departure slots for a certain flight.

Table 1. Parameters for describing the slot preferences for a flight

Time	Description
Time Not Before	A flight preferably should not be assigned a slot before that time.
Time Wished	A flight preferably should be assigned a slot close to that time.
Time Not After	A flight preferably should not be assigned at a slot after that time.
Priority	A numeric value indicating the priority of the flight for the airspace user.

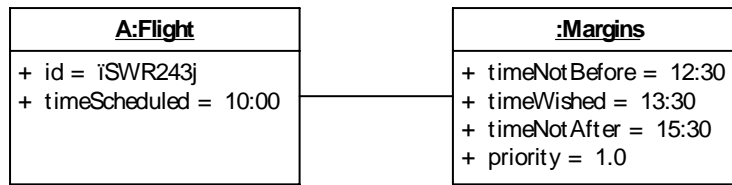
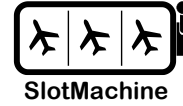


Figure 3. UML object diagram illustrating example margins for an individual flight

Figure 3 shows an example of a flight with its margins in case of a regulation. Flight SWR243, which was originally scheduled to depart at 10:00, after the regulation should not depart before 12:30, not after 15:30, and ideally at 13:30. The priority of the flight is 1.0; a priority could be used to indicate especially important flights for an airspace user.

2.3 Utility maximization

In the basic version, a SlotMachine optimization aims for maximization of airspace users’ overall, global utility. To this end, airspace users assign a utility (or weight) to each departure slot. Those weights may be derived from the margins using some utility function. Figure 4 illustrates the utility distribution for a flight derived from the time wished, time not before, and time not after. The wished time slot would be assigned the maximum weight, which gradually decreases until the slots closest to the time not before and the time not after. Outside those margins, weights would further decrease in order to penalize solutions with a greater degree of violation of the margins over those with a lesser degree of violation. The range of the utility and weight are subject to future research.

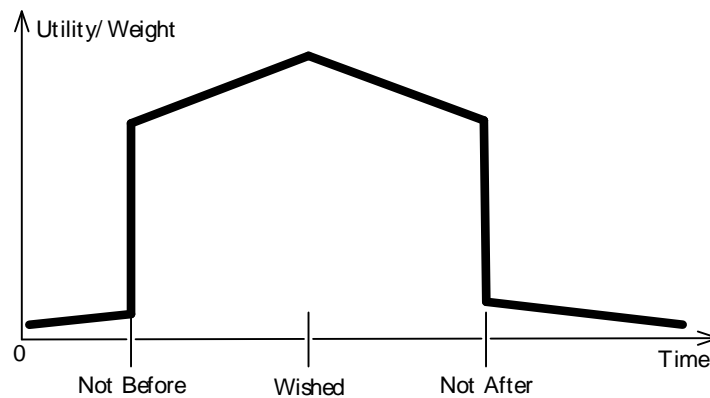


Figure 4. Illustration of a utility function based on time wished and margins

Figure 5 shows a UML class diagram that characterizes the SlotMachine flight prioritization problem. Each flight has an assigned slot. In turn, each slot has at most one flight assigned to it. With each slot, a flight associates a weight, which in the basic version of the problem is the utility of a slot for the flight. Airlines would like to keep the weight secret. A SlotMachine optimization aims to find a matching of flights to slots that maximizes utility.

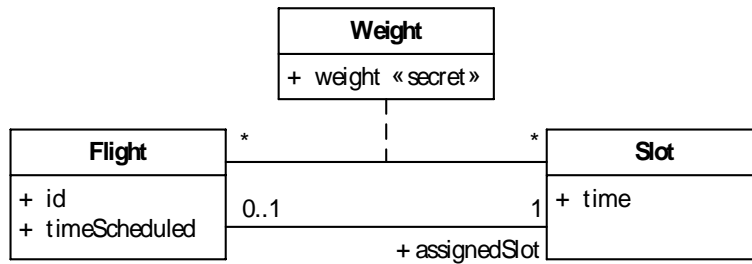
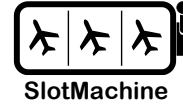


Figure 5. UML class diagram characterizing the SlotMachine flight prioritization problem and its parameters

Figure 6 shows an example weight map for six slots and flights. In reality, there could be more slots than flights. Flights A–F each assign a utility value (weight) to the different slots. Different sequences of those flights than have different fitness values. Example sequences of flights and their corresponding fitness values are shown underneath the weight map in Figure 6. The fitness values of those sequences are computed by summing up the flights’ weights for their assigned slots, taken from the weight map in Figure 6. For example, Flight B assigns a weight of 0 to Slot 1, which means that in the first example sequence, assigning Flight B to the first slot does not increase the solution’s fitness value. Flight C puts a weight of 20 to Slot 2, which means that in the first example sequence, assigning Flight C to the second slot increases the solution’s fitness value by 20.

	1	2	3	4	5	6
A	70	90	100	100	0	0
B	0	100	80	70	0	0
C	0	20	80	100	100	0
D	90	100	70	60	0	0
E	0	0	100	90	80	70
F	100	90	80	0	0	0

B	C	A	F	D	E
1	2	3	4	5	6
Fitness: 120					

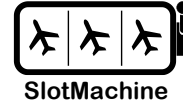
F	D	A	B	C	E
1	2	3	4	5	6
Fitness: 540					

F	D	B	A	C	E
1	2	3	4	5	6
Fitness: 550					

Figure 6. Example weight map for a flight and fitness values for different solutions based on the weight map

2.4 Hard and soft constraints

The only identified hard constraint is the following: A flight must not depart before the original schedule. For example, if a flight was originally scheduled to regularly depart at 10:00, the flight must not depart before 10:00 after performing the optimization. A solution that violates this constraint is an invalid solution and cannot be accepted.



Violations of margins (time not before and time not after) are soft constraints. It is desirable that as few violations as possible of those margins occur but such violations do not invalidate a solution. In fact, it might not always be possible to respect all the margins. In such case, it should still be possible to find a solution that maximizes the overall utility of airspace users.

2.5 Privacy-preserving optimization

Airlines would prefer to keep the slot preferences for their flights a secret. Hence, the optimization is conducted in conjunction with secure multiparty computation, which allows for performing computations over encrypted values without disclosing the information to a single party. Figure 7 gives a brief overview of the privacy-preserving optimization process. Hence, the Heuristic Optimizer component of the SlotMachine systems looks for candidate solutions to the flight prioritization problem. The Heuristic Optimizer then sends the solutions to the Privacy Engine for evaluation, which returns a fitness value or a relative ranking of the candidate solutions. Based on the fitness value, the Heuristic Optimizer decides how to proceed in the search process by altering the solutions found in the previous iteration. Different optimization algorithms are suited for this privacy-preserving optimization process (Chapter 3).

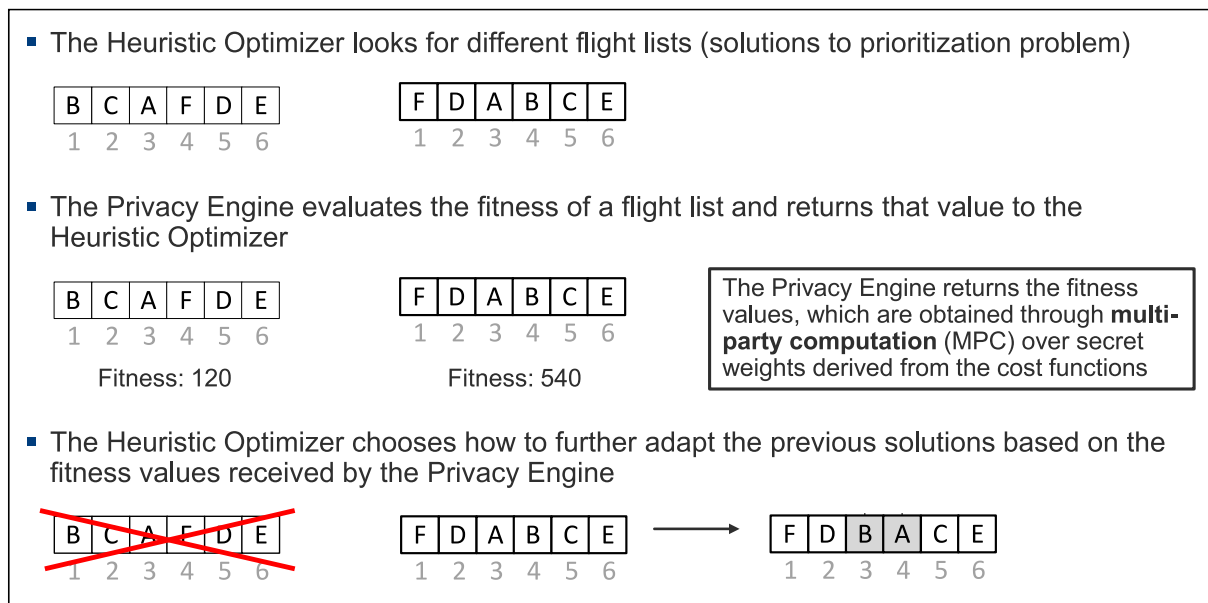
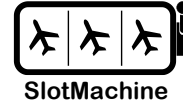


Figure 7. Principle of the privacy-preserving computation of fitness values for solutions in SlotMachine

2.6 Potential extensions and adaptations

Instead of utility maximization, the SlotMachine flight prioritization problem could also be formulated as a cost minimization problem. Formulation as a cost minimization problem would not be fundamentally different from utility maximization. The combination of optimization with a market mechanism for redistributing the delay in a fair and equitable manner, however, requires additional research. Depending on the employed market mechanism (see D2.3), additional constraints may have



to be formulated, which would complicate the computation of the fitness function, particularly when multiparty computation is involved. When employing a genetic algorithm (see Chapter 3) additional constraints may lead to more invalid solutions during the search process, which increases the complexity of the optimization.

Rather than working with absolute fitness values, the optimization algorithm could use relative fitness of possible candidate solutions in order to avoid leaking information to third parties. In that case, the Privacy Engine would receive a set of candidate solutions in each iteration step and return only the rank of each candidate solution within the population instead of the fitness value. This might decrease the performance of the optimization algorithms but improve the protection of sensitive inputs.



3 Optimization algorithms

In the following we discuss genetic algorithms, local search algorithms, and deterministic optimization algorithms that can be used to solve the SlotMachine flight prioritization problem. Only genetic algorithms and local search algorithms allow for the required separation of the search for optimal solutions and the computation of fitness values (or rank of a solution within a population) through multiparty computation by the privacy engine. For a comprehensive introduction and overview of evolutionary, population-based optimization algorithms we refer to Simon [1, p. 35ff].

3.1 Genetic algorithms

A genetic algorithm is a kind of evolutionary, population-based algorithm inspired by natural selection in biology [1], [2]. A genetic algorithm iteratively improves a *population* of solutions to an optimization problem over multiple *generations*. An individual of a population is referred to as *phenotype* and is characterized by the *genotype*, which consists of chromosomes, i.e., a collection of genes, and is the actual representation of the solution to the optimization problem. Through recombination (or *crossover*) and mutation of genotypes, new solutions are created over the generations.

Finding the appropriate genotype representation for a planning problem, e.g., in binary form, is arguably the most challenging task when using genetic algorithms to solve a planning problem. The other task is to find the appropriate fitness function that allows to evaluate the solutions for an optimization problem. Further important design decisions are the choice of selectors (which select individuals for recombination and survival), the choice of alterers for recombination and mutation, and finding an initial population from which to start. The initial population of a genetic algorithm can have a considerable impact on the quality of the solution found by the genetic algorithm.

For the SlotMachine flight prioritization problem, we investigate in our experiments the *partially-matched crossover*, the *swap mutator*, and the *tournament selector*, which worked best in preliminary experiments with a synthetic dataset based on a case from Ruiz et al. [3]. In the following, we briefly describe those alterers and selectors. We refer the interested reader to the Genetics manual [4] for a more comprehensive overview and illustrations.

The **partially-matched crossover** (PMX) is useful for permutation and matching problems. Intuitively, the PMX performs a crossover of two chromosomes by swapping the chromosomes in a crossing region. For example, given two sequences of flights, the PMX would take a subsequence, e.g., slot assignments from the 3 to the 5 position, from one chromosome and swap that subsequence with the subsequence at the same position into the other chromosome. After that swap, both chromosomes are probably missing genes, i.e., flights, or having genes twice, which requires repairing the chromosomes by replacing superfluous genes with the missing genes.

The **swap mutator** is also useful for permutation and matching problems. The swap mutator randomly switches the order of genes.

The **tournament selector** takes a sample from a population and selects the best individual from that sample. The higher the sample size in a tournament survivors selector is, the higher becomes the possibility that weak individuals are eliminated from the gene pool.



For the SlotMachine flight prioritization problem, previous implementations of genetic algorithms, e.g., [5] and [6], for solving assignment and scheduling problems are relevant to consider in case there are issues with the performance of the genetic algorithms. Other work [7] employs genetic algorithms to realize double auctions based on participants' utility, which might be interesting for SlotMachine when combining the optimization algorithm with a market mechanism. Genetic algorithms have also been employed in air traffic management: A genetic algorithm with a multi-objective fitness function has been used for flight scheduling [8].

3.2 Local search algorithms

Local search algorithms take an initial solution within a search space and search the neighborhood of that solution for improved solutions [9, p. 110]. Among the most common local search algorithms are hill climbing, simulated annealing, and tabu search, which are also often counted among evolutionary, population-based optimization algorithms (see [1]), much like genetic algorithms. Since local search algorithms have a clear separation between finding solution candidates and evaluating the fitness of those candidates, local search algorithms could be used as an alternative to genetic algorithms. In particular, we experiment with hill climbing, tabu search, simulated annealing, late acceptance hill climbing, great deluge, step counting hill climbing, and strategic oscillation. In the following, we briefly summarize those algorithms and refer to interested reader to the OptaPlanner manual [10] for more exhaustive explanations and illustrations.

Hill climbing compares different moves from a starting point (changes to an existing solution) within each iteration step. The best move within each round wins and becomes the starting point for the next iteration step. Hill climbing may have problems with local optima.

Late acceptance hill climbing [11] accepts a move only if the score is not decreased.

Step counting hill climbing [12] accepts a move only if the score after the step will be above a threshold, which is altered every couple of steps.

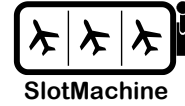
Tabu search aims to avoid problems with local optima by keeping and updating a list of objects that are *taboo* and cannot be used in future moves, e.g., flights the position of which cannot be altered because they were moved in a recent step.

Simulated annealing accepts in each iteration step the first move that does not make the score of the solution worse. Moves making the score worse can also be selected randomly and thus still pass the selection. Different variants of simulated annealing exist.

Great deluge is similar to simulated annealing in that it accepts the first move that does not make the score of the solution worse but without random selection.

Strategic oscillation can be added on top of other strategies to improve the performance of tabu search, for example.

Local search algorithms are often used in conjunction with construction heuristics. The starting point of the search is important in order to find a good solution.



3.3 Deterministic optimization algorithms

The SlotMachine optimization problem with utility maximization can also be solved using efficient deterministic algorithms, e.g., the Hungarian method and the simplex algorithm. In a non-privacy-preserving setting with utility maximization based on simple weight maps, deterministic algorithms would be preferable to heuristic algorithms. In conjunction with secure multiparty computation, however, the deterministic algorithms lack the separation between finding candidate solutions to the optimization problem and the evaluation of those candidate solutions, which heuristic optimization algorithms offer.

In our experiments we employ the Hungarian method (or algorithm) to obtain an optimal solution which serves as the benchmark for the heuristic optimization algorithms. The Hungarian method is able to efficiently solve the SlotMachine flight prioritization problem. In the privacy-preserving SlotMachine system, the use of the Hungarian method would not be supported unless the entire method were to be implemented directly by the Privacy Engine. Furthermore, if future adaptations and extensions of the SlotMachine flight prioritization problem were to move away from simple utility maximization towards a multi-objective fitness function, the Hungarian method will not be a suitable optimization algorithm anymore.



4 Software frameworks

We conducted an in-depth investigation of two software frameworks in Java, one for genetic algorithms, the other using local search algorithms, which we briefly describe in the following. Those two frameworks are the foundation for the non-privacy-preserving prototype of the Heuristic Optimizer of the SlotMachine system (see Chapter 5). We also briefly refer to other software frameworks for solving optimization problems.

4.1 Jenetics

Jenetics¹ is an open-source framework for implementing genetic algorithms in Java. The project uses the Apache License 2.0; development is conducted mainly by Franz Wilhelmstötter. As of 2021, the software is being actively developed further with regular releases every couple of months. The Jenetics framework is used in many research projects and academic publications.

The Jenetics framework already provides tried-and-tested encodings for common optimization problems, including permutation and matching problems. The Jenetics framework also implements various types of alterers for recombination and mutation of individual solutions. Thus, using the Jenetics framework in SlotMachine would save significant development effort while allowing to easily employ different combinations.

The `Codec` interface in Jenetics allows to hide the complexity of the optimization problem's encoding from the developer. Fitness function and hard constraints are expressed over domain classes rather than an often hard-to-grasp encoding. Besides offering built-in, ready-to-use, best-practice codec implementations for common optimization problems, Jenetics can also be extended with custom encodings. In our experiments, we employ the Jenetics framework to solve the SlotMachine flight prioritization problem using the built-in *mapping codec*.

Genetics also provides implementations of various sorts of alterers and selectors with the possibility of using different parameters. In particular, Jenetics provides implementations of the partially matched crossover alterer and the tournament selector. Jenetics also allows for the implementation of custom alterers and selectors.

The fitness function must be deterministic, i.e., for the same input it should always produce the same output [4, p. 23]. This requirement could become problematic if the Privacy Engine returns a rank for each solution within the population rather than an absolute fitness value. The fitness value of a solution would then depend on the generation. Jenetics caches the fitness value of a solution in the phenotype; the phenotype is an individual of a population and comprises genotype (the actual solution) and the generation number. Future work on integration of Heuristic Optimizer and Privacy Engine will have to further investigate. Since Jenetics is open-source software, its behavior could be adapted if it becomes problematic for the SlotMachine use case.

¹ <https://jenetics.io/>



Genetics supports parallel, concurrent execution of the fitness function. To this end, Jenetics divides a population of solutions into multiple batches. For the Heuristic Optimizer, ideally we would like to have only one batch per generation and send all individuals of a population together to the Privacy Engine for evaluation of the fitness. That behavior should be possible using Jenetics when applying some concurrency tweaks. If that is not possible out of the box, Jenetics itself could be adapted, being an open-source framework where the source code is publicly available.

4.2 OptaPlanner

OptaPlanner² is an open-source constraint satisfaction solver in Java for solving optimization problems. The project uses the Apache License 2.0. Although an open-source project, development of OptaPlanner is backed by RedHat with the core team consisting of RedHat employees. As of 2021, the software is being actively developed further with regular releases every couple of months.

OptaPlanner implements a variety of local search algorithms and construction heuristics. The optimization process can be configured using an XML file, which is an advantage since changing the optimization algorithm requires no recompilation of the code.

OptaPlanner also allows for parallel execution of optimization algorithms.

Support for genetic algorithms in OptaPlanner is also planned for future releases [10, p. 346]. In past experiments of the OptaPlanner team, however, the local search algorithms in conjunction with construction heuristics typically outperformed a prototype implementation of genetic algorithms:

“A good Genetic Algorithms prototype in OptaPlanner was written some time ago, but it wasn’t practical to merge and support it at the time. The results of Genetic Algorithms were consistently and seriously inferior to all the Local Search variants (except Hill Climbing) on all use cases tried” [10, p. 346].

4.3 Other frameworks

There are numerous other framework available for solving constraint satisfaction and optimization problems. The most important are arguable Google’s OR-Tools³ and IBM ILOG CP Optimizer. Google’s OR-Tools has been dominating the MiniZinc challenge⁴ for years. The IBM ILOG CP Optimizer specializes on solving scheduling problems and is widely used in industry [13]. For scheduling problems, the IBM ILOG CP Optimizer seems to outperform OR-Tools [14]. Google’s OR Tools is open-source software whereas IBM ILOG CP Optimizer is proprietary software. It remains questionable whether those two frameworks can be readily used or adapted for use in conjunction with the Privacy Engine.

² <https://www.optaplanner.org/>

³ <https://developers.google.com/optimization>

⁴ <https://www.minizinc.org/challenge.html>

5 Non-privacy-preserving prototype

We implemented a non-privacy-preserving prototype of the SlotMachine system's Heuristic Optimizer component that allows for easy swapping of optimization framework and algorithm as well for using different configurations. We use the non-privacy-preserving prototype for experiments over data generated via a testdata generator (see Chapter 6). Further work in SlotMachine will build upon the non-privacy-preserving prototype of the Heuristic Optimizer component. The non-privacy-preserving prototype used to run the experiments in this deliverable is available on the project website⁵ along with the testdata generator.

Figure 8 shows the main components of the non-privacy-preserving prototype, including the implemented modules that conduct the optimization: Hungarian Algorithm, OptaPlanner, and Jenetics. The Hungarian Algorithm component uses an implementation of the deterministic Hungarian algorithm, which serves to obtain a benchmark in our experiments. The OptaPlanner component allows to employ different local search algorithms for optimization. The Jenetics component allows to employ genetic algorithms using different configurations.

A workbook that can be edited using common spreadsheet software, e.g., Microsoft Excel or LibreOffice, serves as a preliminary graphical user interface for interacting with the Heuristic Optimizer. The experiments were defined in the workbook. The separate Excel I/O component then translates the workbook and its worksheets into JSON files that can be sent to the REST endpoint of the Heuristic Optimizer in order to trigger the optimization.

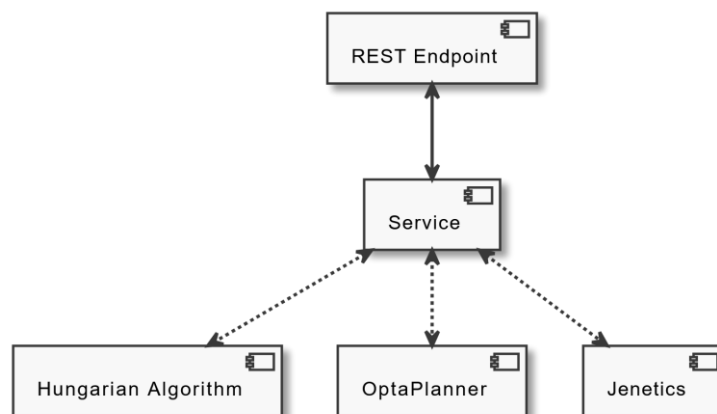
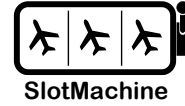


Figure 8. The main components of the non-privacy-preserving prototype with modules for different optimization algorithms

⁵ <http://slotmachine.frequentis.com>



The Heuristic Optimizer uses the *abstract factory* design pattern to achieve separation of service and REST controller on the one hand as well as optimization method on the other hand. Thus, the Heuristic Optimizer can be easily extended with new modules implementing different optimization algorithms. This flexible implementation approach allows us to run experiments with a variety of optimization parameters and will allow further experiments in the future in conjunction with the privacy engine. It will also allow to adapt the Heuristic Optimizer for future extensions and adaptations of the SlotMachine flight prioritization problem.

6 Generation of experimental data

Since suitable real-world data are not readily available, we developed a testdata generator that generates a given number of flights and preferences for those flights based on different configurable parameters. In the following, we describe the different parameter values that we employed in our experiments with various software frameworks and heuristic optimization algorithms. We rely on previous work from Ruiz et al. [3] as guidance for the development of the testdata generator to ensure that the data are somewhat realistic.

6.1 Distribution of wished time slots

We experiment with different distributions of the number of flights wishing to depart at a certain slot. In particular, in our experiments, we use three different distributions of the time wished slots, ranging from even distribution to moderate and extreme concentration.

The ideal but probably unrealistic scenario is an even distribution of flights (Figure 9). In this scenario, for each slot there is exactly one flight that wishes to depart at that slot. In that case, finding the ideal sequence of flights should be unproblematic.

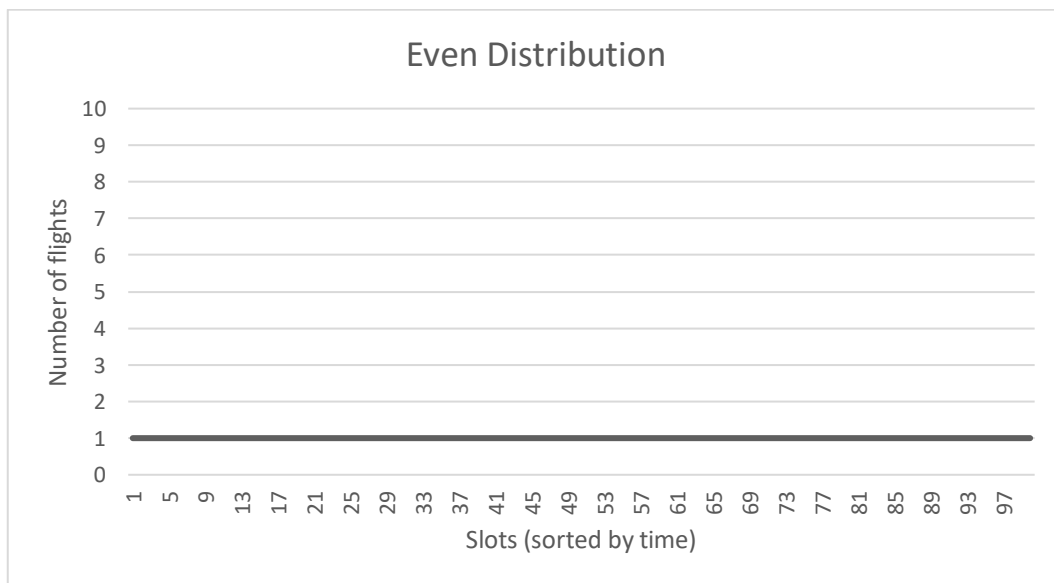


Figure 9. Scenario where each flight wishes to depart at a different slot

A potentially problematic scenario is an extreme concentration of flights on a few slots (Figure 10). In this scenario, the number of flights that wish to depart at a slot is highest in the middle of the timeline, with the fringes having only few flights that wish to depart at those slots. Optimization in this case can be problematic, simply because many flights necessarily will not be assigned their ideal slot.

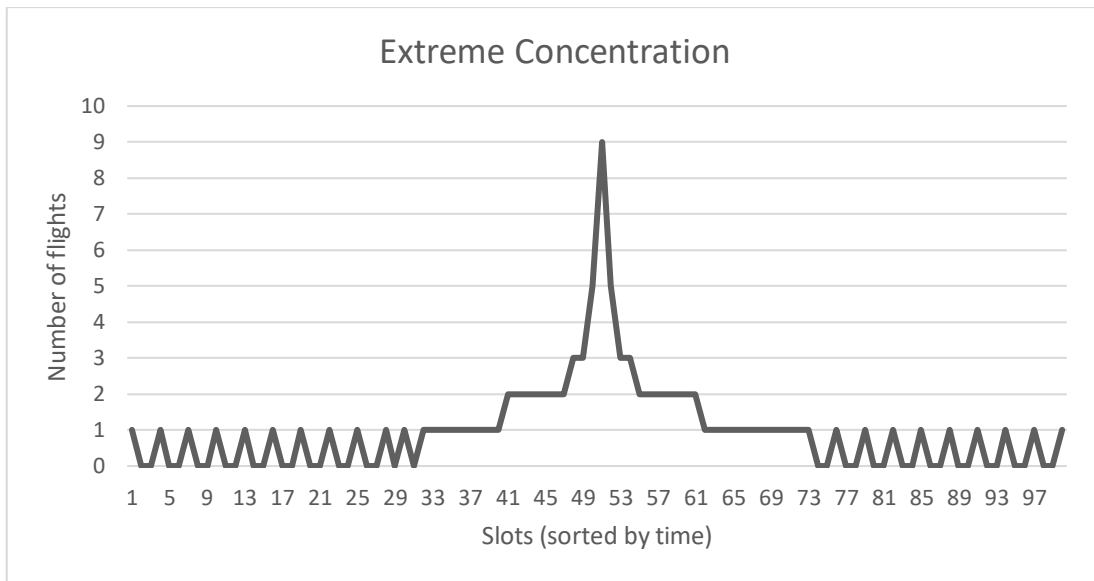
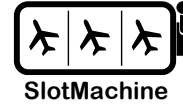


Figure 10. Scenario with extreme concentration of flights wishing to depart in a few slots in the middle of the timeline

Probably a more realistic scenario is *moderate concentration* of flights' time wished (Figure 11). In this scenario, there are more flights that wish to depart at certain slots towards the middle of the timeline, but the peak is less pronounced than in the extreme-concentration scenario. We can probably expect to encounter different scenarios in the real world and, therefore, such scenarios are particularly important for evaluation of algorithm performance.

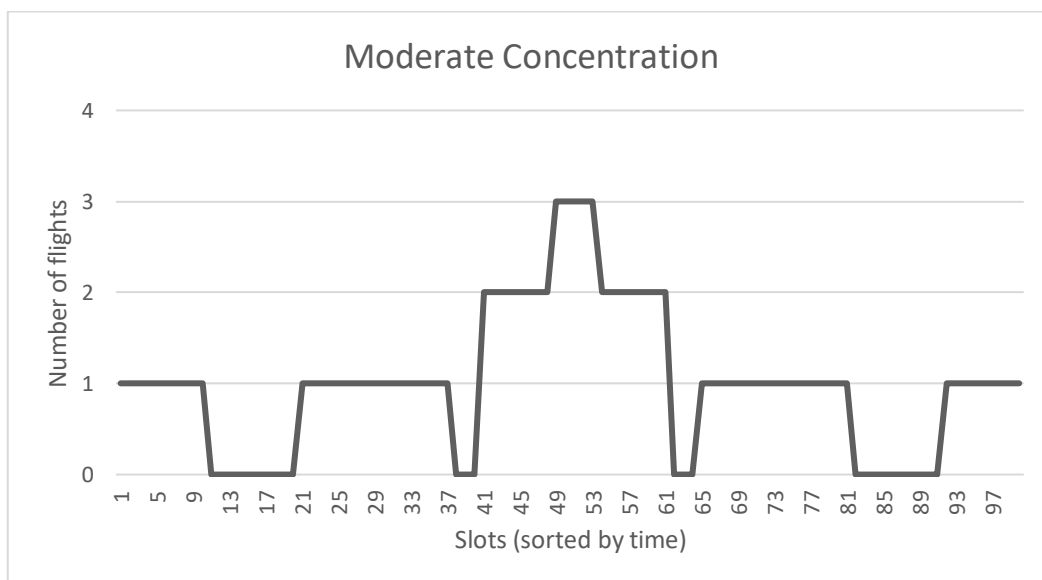


Figure 11. Scenario with moderate concentration of flights wishing to depart in a few slots in the middle of the timeline



6.2 Flight priorities

Besides the distribution of the time wished for flights we also vary the distribution of the flights' priorities. A flight's priority influences the utility distribution for that flight; the priority is multiplied with the flight's weight according to the base utility function (see Section 6.4). We use three different variations for the priorities in our experiments, which we expect to counter or enhance the effects of uneven distributions in the time wished of the flights. First, if the flights concentrated on the middle of the timeline are low priority (Figure 12) then concentration of flights' time wished to a few slots in the middle will be less problematic. Second, if the flights concentrated on the middle of the timeline are high priority (Figure 13) then concentration of flights' time wished to a few slots in the middle will be even more problematic. We also consider as third case when all flights have the same priority (Figure 14). Note that the higher priorities are randomly generated but on average can be expected to be around 2.5.

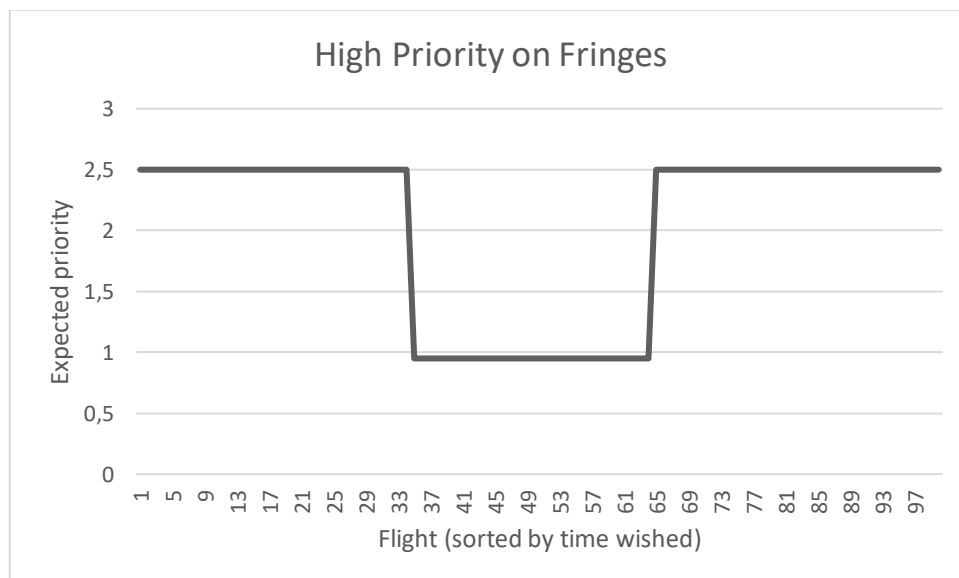


Figure 12. The flights with relatively early and relatively late wished times have higher priority

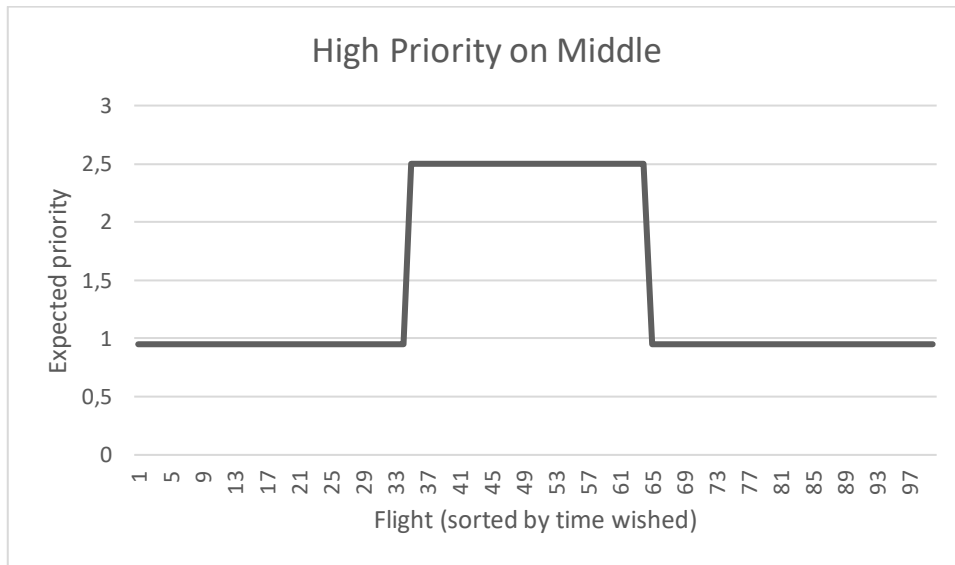


Figure 13. The flights with a wished time in the middle of the spectrum have higher priority

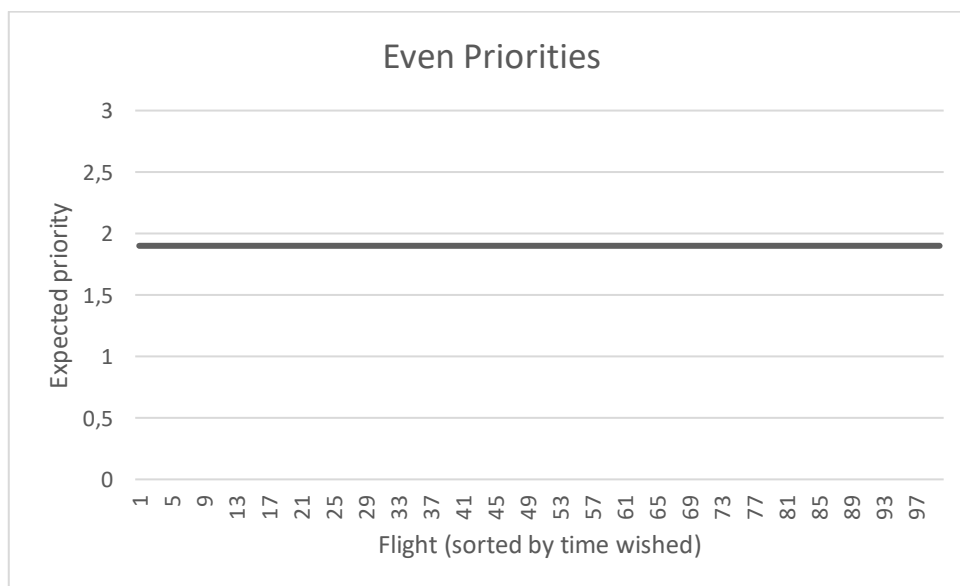
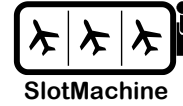


Figure 14. All flights have the same priority



6.3 Window length

We experiment with three different lengths of the margin windows around the time wished of the generated flights (Table 2). The *narrow* window has 5 minutes between the time wished and both the time not before and the time not after for each flight. The *medium* window has 15 minutes between the time wished and both the time not before and the time not after for each flight. Finally, the *broad* window has 25 minutes between the time wished and both the time not before and the time not after for each flight.

If the windows around the time wished for flights are broad then a concentration of flights wishing to depart in only a few slots will be less problematic. In that case, there is still room for the optimization algorithm to swap the order of flights without violating any margins.

Table 2. Window lengths used in experiments

Window	Length	Illustration
Narrow	$\pm 5 \text{ min}$	
Medium	$\pm 15 \text{ min}$	
Broad	$\pm 25 \text{ min}$	

6.4 Utility function

The utility function can be more or less steep within the margins, the utility drop when violating the margins can be more or less pronounced. The testdata generator supports different settings regarding minimum and maximum utility as well as the drop in utility outside the margins and consequently the steepness of the curve between the time wished and the margins. For our experiments we employ a base utility function where the maximum value is 10 000 and the minimum value is -10 000, and the utility drops from 6 000 to zero when the slot is outside the margins (Figure 15). Thus, the slot corresponding to the time wished has a utility of 10 000 while the slots corresponding to the time not before and the time not after of a flight each have a utility of 6 000. From the time not before to the time wished there is a linear increase in utility, from the time wished to the time not after there is a linear decrease in utility. The utility then drops to zero when outside the margins, with linear decrease towards the begin and end slot on both sides of the curve in order to penalize slot assignments that are further away from the margins.

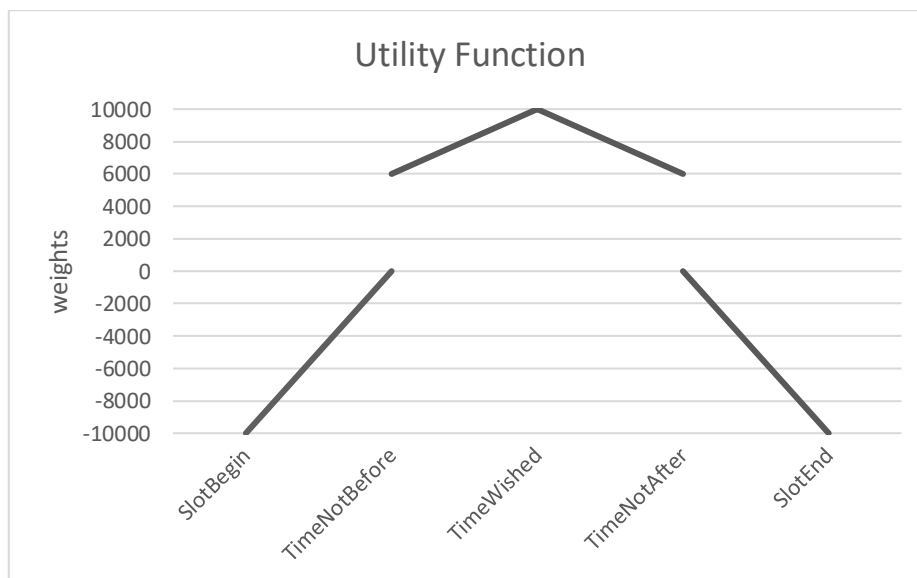


Figure 15. Base utility function employed in experiments

The utility is multiplied by the priority of a flight, which means that given the same underlying base utility function, flights with higher priority have a higher positive utility for slots within the margins and a lower negative utility for slots outside the margins.



7 Experiments

In this section we present experiments using the non-privacy-preserving prototype with different configurations using different sets of generated experiment data.

7.1 Setup

We ran the experiments on an OpenVZ virtual machine on a physical machine with an Intel Xeon CPU E5-2640 v4 with 2.40 GHz. The virtual machine had 4 GB of main memory and could use up to 40 cores of the physical CPU. The operating system of the virtual machine was CentOS Linux 7. We used OpenJDK 16 for running the Heuristic Optimizer.

We developed a testdata generator to obtain synthetic datasets with different characteristics (see Chapter 6) to run the experiments. We generated scenarios for 50 and 100 flights. We refer to the Appendix A.1 for a list of experiments and the characteristics of the employed data sets. Those experiments were then run with a number of configurations for the selected frameworks. We refer to the Appendix A.2 for the full list of configurations that we experimented with.

7.2 Results

We refer to the Appendix A.3 for the full experiment results.

As expected, scenarios with an even distribution of the time wished posed no problems for the heuristic optimizers. The optimal solution could be found by the optimization algorithms for those scenarios.

In general, the genetic algorithm configurations fared slightly worse than the local search algorithms. In particular, the genetic algorithm with small tournament size and high mutation probability led to comparatively bad results. The other genetic algorithm configurations were usually closer to the results of the local search algorithms both in terms of fitness value and in terms of violations of the margins.

We also conclude that optimization of scenarios with 100 slots/flights is perfectly feasible from a run time perspective. If the time limit for an optimization run to complete is 5 minutes then even with privacy-preserving computation of the fitness value, under the assumption of a fitness function with utility maximization, the optimization run time will be well within the time limit. Further experiments are required for multi-objective optimization.



8 Conclusions

The results of the experiments with the non-privacy-preserving prototype of the SlotMachine Heuristic Optimizer are encouraging. Genetic algorithms using various configurations as well as the different local search algorithms typically achieve a result close to the optimum found by the deterministic Hungarian algorithm in a couple of seconds using a server that will likely have considerably less CPU power than a server used in a production setting. Genetic algorithms in the evaluated configurations fared slightly worse than most local search algorithms in terms of overall fitness of the overall solution found after a fixed amount of time. We note that the number of fitness function invocations is in the low hundreds of thousands, which is important for the Privacy Engine since the privacy-preserving computation of fitness values causes additional overhead.

In order to strengthen privacy and avoid information leakage, future work will investigate the use of a heuristic optimization algorithm with a fitness function that returns relative fitness instead of absolute fitness, i.e., the Privacy Engine will return the rank of a solution within a population rather than an absolute value. In this case, it is important to be able to send multiple individuals to the Privacy Engine for fitness evaluation.



9 References

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Founding Members





Appendix A Experiment Configuration and Result Tables

The full experiment logs are available online on the project website⁶.

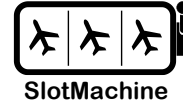
A.1 List of experiments

Table 3 lists the experiments that are conducted for a selected optimizer configurations (see Section A.2). We refer to Chapter 6 for an explanation of the parameters *concentration*, *priorities*, and *margins*. The parameter *no. of slots* refers to the number of slots and flights that have to be matched. The parameter *run time* refers to the amount of time which the optimization algorithm is allowed to run; the optimization is stopped when the time is over and the best solution found up to that point is the optimization result.

Table 3. List of experiments

Exp. No.	Concentration	Priorities	Margins	No. of Slots	Run Time
1	Even	Middle	Broad	100	10 s
2	Extreme	Middle	Broad	100	10 s
3	Moderate	Middle	Broad	100	10 s
4	Even	Fringes	Broad	100	10 s
5	Extreme	Fringes	Broad	100	10 s
6	Moderate	Fringes	Broad	100	10 s
7	Even	Even	Broad	100	10 s
8	Extreme	Even	Broad	100	10 s
9	Moderate	Even	Broad	100	10 s
10	Even	Middle	Normal	100	10 s
11	Extreme	Middle	Normal	100	10 s
12	Moderate	Middle	Normal	100	10 s
13	Even	Fringes	Normal	100	10 s
14	Extreme	Fringes	Normal	100	10 s
15	Moderate	Fringes	Normal	100	10 s
16	Even	Even	Normal	100	10 s
17	Extreme	Even	Normal	100	10 s
18	Moderate	Even	Normal	100	10 s
19	Even	Middle	Narrow	100	10 s
20	Extreme	Middle	Narrow	100	10 s
21	Moderate	Middle	Narrow	100	10 s
22	Even	Fringes	Narrow	100	10 s
23	Extreme	Fringes	Narrow	100	10 s
24	Moderate	Fringes	Narrow	100	10 s
25	Even	Even	Narrow	100	10 s
26	Extreme	Even	Narrow	100	10 s

⁶ <http://slotmachine.frequentis.com>



Exp. No.	Concentration	Priorities	Margins	No. of Slots	Run Time
27	Moderate	Even	Narrow	100	10 s
28	Even	Middle	Broad	50	10 s
29	Extreme	Middle	Broad	50	10 s
30	Moderate	Middle	Broad	50	10 s
31	Even	Fringes	Broad	50	10 s
32	Extreme	Fringes	Broad	50	10 s
33	Moderate	Fringes	Broad	50	10 s
34	Even	Even	Broad	50	10 s
35	Extreme	Even	Broad	50	10 s
36	Moderate	Even	Broad	50	10 s
37	Even	Middle	Normal	50	10 s
38	Extreme	Middle	Normal	50	10 s
39	Moderate	Middle	Normal	50	10 s
40	Even	Fringes	Normal	50	10 s
41	Extreme	Fringes	Normal	50	10 s
42	Moderate	Fringes	Normal	50	10 s
43	Even	Even	Normal	50	10 s
44	Extreme	Even	Normal	50	10 s
45	Moderate	Even	Normal	50	10 s
46	Even	Middle	Narrow	50	10 s
47	Extreme	Middle	Narrow	50	10 s
48	Moderate	Middle	Narrow	50	10 s
49	Even	Fringes	Narrow	50	10 s
50	Extreme	Fringes	Narrow	50	10 s
51	Moderate	Fringes	Narrow	50	10 s
52	Even	Even	Narrow	50	10 s
53	Extreme	Even	Narrow	50	10 s
54	Moderate	Even	Narrow	50	10 s
55	Even	Middle	Broad	100	5 s
56	Extreme	Middle	Broad	100	5 s
57	Moderate	Middle	Broad	100	5 s
58	Even	Fringes	Broad	100	5 s
59	Extreme	Fringes	Broad	100	5 s
60	Moderate	Fringes	Broad	100	5 s
61	Even	Even	Broad	100	5 s
62	Extreme	Even	Broad	100	5 s
63	Moderate	Even	Broad	100	5 s
64	Even	Middle	Normal	100	5 s
65	Extreme	Middle	Normal	100	5 s
66	Moderate	Middle	Normal	100	5 s
67	Even	Fringes	Normal	100	5 s
68	Extreme	Fringes	Normal	100	5 s



Exp. No.	Concentration	Priorities	Margins	No. of Slots	Run Time
69	Moderate	Fringes	Normal	100	5 s
70	Even	Even	Normal	100	5 s
71	Extreme	Even	Normal	100	5 s
72	Moderate	Even	Normal	100	5 s
73	Even	Middle	Narrow	100	5 s
74	Extreme	Middle	Narrow	100	5 s
75	Moderate	Middle	Narrow	100	5 s
76	Even	Fringes	Narrow	100	5 s
77	Extreme	Fringes	Narrow	100	5 s
78	Moderate	Fringes	Narrow	100	5 s
79	Even	Even	Narrow	100	5 s
80	Extreme	Even	Narrow	100	5 s
81	Moderate	Even	Narrow	100	5 s
82	Even	Middle	Broad	50	5 s
83	Extreme	Middle	Broad	50	5 s
84	Moderate	Middle	Broad	50	5 s
85	Even	Fringes	Broad	50	5 s
86	Extreme	Fringes	Broad	50	5 s
87	Moderate	Fringes	Broad	50	5 s
88	Even	Even	Broad	50	5 s
89	Extreme	Even	Broad	50	5 s
90	Moderate	Even	Broad	50	5 s
91	Even	Middle	Normal	50	5 s
92	Extreme	Middle	Normal	50	5 s
93	Moderate	Middle	Normal	50	5 s
94	Even	Fringes	Normal	50	5 s
95	Extreme	Fringes	Normal	50	5 s
96	Moderate	Fringes	Normal	50	5 s
97	Even	Even	Normal	50	5 s
98	Extreme	Even	Normal	50	5 s
99	Moderate	Even	Normal	50	5 s
100	Even	Middle	Narrow	50	5 s
101	Extreme	Middle	Narrow	50	5 s
102	Moderate	Middle	Narrow	50	5 s
103	Even	Fringes	Narrow	50	5 s
104	Extreme	Fringes	Narrow	50	5 s
105	Moderate	Fringes	Narrow	50	5 s
106	Even	Even	Narrow	50	5 s
107	Extreme	Even	Narrow	50	5 s
108	Moderate	Even	Narrow	50	5 s

A.2 List of optimizer configurations

Table 4 shows the list of configurations used to experiment with the Jenetics framework. We used partially-matched crossover with various crossover alter probabilities. We used a swap mutator with various mutator alter probabilities. We used tournament selectors as offspring and survivors selector with the same tournament size for offspring and survivors selector. The maximal phenotype age was always 80, the offspring fraction 0.7.

Table 4. List of configurations using the Jenetics framework with parameters for the genetic algorithm

Conf. No.	Framework	populationSize	tournamentSize	mutatorAlterProbability	crossoverAlterProbability
1	Jenetics	500	50	0.15	0.35
2	Jenetics	500	50	0.15	0.9
3	Jenetics	500	50	0.6	0.35
4	Jenetics	500	50	0.6	0.9
5	Jenetics	500	10	0.15	0.35
6	Jenetics	500	10	0.15	0.9
7	Jenetics	500	10	0.6	0.35
8	Jenetics	500	10	0.6	0.9
9	Jenetics	70	3	0.15	0.35
10	Jenetics	70	3	0.15	0.9
11	Jenetics	70	3	0.6	0.35
12	Jenetics	70	3	0.6	0.9
13	Jenetics	70	10	0.15	0.35
14	Jenetics	70	10	0.15	0.9
15	Jenetics	70	10	0.6	0.35
16	Jenetics	70	10	0.6	0.9

Table 5. List of configurations using the OptaPlanner framework and the custom implementation of the Hungarian algorithm

Conf. No.	Framework	Algorithm
17	OptaPlanner	Hill Climbing
18	OptaPlanner	Tabu Search
19	OptaPlanner	Simulated Annealing
20	OptaPlanner	Late Acceptance
21	OptaPlanner	Great Deluge
22	OptaPlanner	Step Counting Hill Climbing
23	OptaPlanner	Strategic Oscillation
24	Hungarian	Hungarian Algorithm

A.3 Experiment results

Table 6 shows the fitness values as well as the number of flights that are assigned a slot outside their margins. For the genetic algorithms configurations (Conf. No. 1 – 16), the numbers are averaged over all runs of the genetic algorithm (n=5). The local search algorithms are run only once. The configuration with conf. no. 24 is the Hungarian algorithm, which is the deterministic algorithm that represents the benchmarks which the heuristic algorithms should be compared against. The exp. no. refers to the experiments in the Appendix A.1. The conf. no. refers to the configurations in the Appendix A.2. The best and worst fitness value is only meaningful for the genetic algorithm runs (Conf. No. 1 – 16); they give the best and worst fitness, respectively, from the five runs with the respective genetic algorithm configuration.

Table 6. Results of the experiments for the different configurations.

Exp. No.	Conf. No.	Fitness	Best	Worst	Outside Time Not After	Outside Time Not Before
1	1	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	2	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	3	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	4	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	5	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	6	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	7	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	8	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	9	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	10	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	11	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	12	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	13	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	14	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	15	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	16	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	17	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	18	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00



1	19	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	20	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	21	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	22	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	23	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
1	24	1 407 993.00	1 407 993.00	1 407 993.00	0.00	0.00
2	1	977 416.80	991 249.00	962 587.00	11.80	0.00
2	2	997 880.60	1 006 377.00	989 299.00	10.60	0.00
2	3	909 428.40	920 520.00	888 574.00	13.20	0.00
2	4	908 066.40	951 228.00	870 658.00	13.40	0.00
2	5	987 215.40	1 001 330.00	974 889.00	11.80	0.00
2	6	1 010 004.40	1 016 793.00	1 003 110.00	10.40	0.00
2	7	895 810.80	930 919.00	875 339.00	13.40	0.00
2	8	910 982.40	924 540.00	890 206.00	13.80	0.00
2	9	958 085.00	979 708.00	928 907.00	12.40	0.00
2	10	989 786.40	1 009 335.00	974 913.00	11.40	0.00
2	11	519 130.40	559 950.00	498 461.00	25.60	0.00
2	12	512 388.00	533 912.00	498 461.00	27.60	0.00
2	13	980 141.40	1 004 825.00	954 561.00	11.40	0.00
2	14	999 994.80	1 014 795.00	994 723.00	11.00	0.00
2	15	884 877.40	893 247.00	869 067.00	14.40	0.00
2	16	891 566.40	910 096.00	854 609.00	13.40	0.00
2	17	1 018 311.00	1 018 311.00	1 018 311.00	8.00	10.00
2	18	1 028 436.00	1 028 436.00	1 028 436.00	7.00	10.00
2	19	1 047 980.00	1 047 980.00	1 047 980.00	6.00	9.00
2	20	1 030 790.00	1 030 790.00	1 030 790.00	7.00	10.00
2	21	1 029 965.00	1 029 965.00	1 029 965.00	8.00	9.00

Founding Members

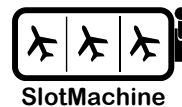




2	22	1 048 146.00	1 048 146.00	1 048 146.00	6.00	9.00
2	23	1 026 901.00	1 026 901.00	1 026 901.00	7.00	10.00
2	24	1 056 425.00	1 056 425.00	1 056 425.00	6.00	8.00
3	1	1 283 400.60	1 284 279.00	1 282 687.00	1.00	0.00
3	2	1 285 574.80	1 286 969.00	1 283 454.00	1.00	0.00
3	3	1 278 103.40	1 279 202.00	1 275 955.00	1.00	0.00
3	4	1 278 082.20	1 278 866.00	1 277 559.00	1.00	0.00
3	5	1 282 462.60	1 284 097.00	1 280 867.00	1.00	0.00
3	6	1 285 659.00	1 286 689.00	1 283 712.00	1.00	0.00
3	7	1 277 880.80	1 279 148.00	1 276 588.00	1.00	0.00
3	8	1 277 171.00	1 279 853.00	1 274 238.00	1.00	0.00
3	9	1 280 753.00	1 282 890.00	1 279 160.00	1.00	0.00
3	10	1 283 756.80	1 284 750.00	1 281 611.00	1.00	0.00
3	11	1 271 936.80	1 272 048.00	1 271 909.00	1.00	0.00
3	12	1 271 909.00	1 271 909.00	1 271 909.00	1.00	0.00
3	13	1 281 316.80	1 282 439.00	1 279 579.00	1.00	0.00
3	14	1 285 214.60	1 286 507.00	1 283 829.00	1.00	0.00
3	15	1 277 578.00	1 279 651.00	1 276 090.00	1.00	0.00
3	16	1 276 832.80	1 277 434.00	1 275 638.00	1.00	0.00
3	17	1 290 175.00	1 290 175.00	1 290 175.00	1.00	1.00
3	18	1 290 129.00	1 290 129.00	1 290 129.00	1.00	1.00
3	19	1 291 150.00	1 291 150.00	1 291 150.00	1.00	1.00
3	20	1 290 265.00	1 290 265.00	1 290 265.00	1.00	1.00
3	21	1 290 265.00	1 290 265.00	1 290 265.00	1.00	1.00
3	22	1 290 265.00	1 290 265.00	1 290 265.00	1.00	1.00
3	23	1 289 375.00	1 289 375.00	1 289 375.00	1.00	1.00
3	24	1 291 157.00	1 291 157.00	1 291 157.00	1.00	1.00

Founding Members





4	1	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	2	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	3	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	4	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	5	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	6	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	7	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	8	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	9	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	10	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	11	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	12	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	13	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	14	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	15	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	16	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	17	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	18	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	19	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	20	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	21	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	22	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	23	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
4	24	2 046 368.00	2 046 368.00	2 046 368.00	0.00	0.00
5	1	933 925.60	937 300.00	931 058.00	13.00	0.00
5	2	945 235.20	946 623.00	941 593.00	12.80	0.00
5	3	897 351.60	902 622.00	889 260.00	14.60	0.00

Founding Members





5	4	889 312.80	905 756.00	879 047.00	14.60	0.00
5	5	933 111.80	936 356.00	928 958.00	13.80	0.00
5	6	944 415.00	950 888.00	941 561.00	13.60	0.00
5	7	905 538.00	913 922.00	892 791.00	15.00	0.00
5	8	896 791.60	903 310.00	889 182.00	14.60	0.00
5	9	927 297.00	936 222.00	917 730.00	14.20	0.00
5	10	940 766.80	945 205.00	933 329.00	12.60	0.00
5	11	585 772.80	691 626.00	499 945.00	22.60	0.00
5	12	332 374.60	367 838.00	316 725.00	27.20	0.00
5	13	931 059.80	933 526.00	927 676.00	13.60	0.00
5	14	941 572.60	947 598.00	937 457.00	13.60	0.00
5	15	899 411.60	903 261.00	895 678.00	14.20	0.00
5	16	889 422.20	900 353.00	877 396.00	15.20	0.00
5	17	958 439.00	958 439.00	958 439.00	11.00	13.00
5	18	958 422.00	958 422.00	958 422.00	11.00	13.00
5	19	962 351.00	962 351.00	962 351.00	12.00	13.00
5	20	959 198.00	959 198.00	959 198.00	12.00	13.00
5	21	957 821.00	957 821.00	957 821.00	11.00	14.00
5	22	961 270.00	961 270.00	961 270.00	11.00	13.00
5	23	956 542.00	956 542.00	956 542.00	10.00	13.00
5	24	963 371.00	963 371.00	963 371.00	12.00	13.00
6	1	1 392 690.20	1 398 221.00	1 386 494.00	3.00	0.00
6	2	1 410 410.20	1 419 181.00	1 406 317.00	3.40	0.00
6	3	1 378 751.00	1 386 864.00	1 374 760.00	2.60	0.00
6	4	1 379 060.40	1 383 740.00	1 370 231.00	2.00	0.00
6	5	1 397 055.40	1 406 298.00	1 387 558.00	3.20	0.00
6	6	1 407 910.20	1 419 271.00	1 396 904.00	3.40	0.00





6	7	1 377 003.60	1 382 091.00	1 369 245.00	1.80	0.00
6	8	1 378 759.00	1 384 958.00	1 371 465.00	1.80	0.00
6	9	1 392 150.00	1 407 254.00	1 383 543.00	2.60	0.00
6	10	1 399 807.00	1 406 249.00	1 393 498.00	3.20	0.00
6	11	1 357 336.00	1 357 336.00	1 357 336.00	1.00	0.00
6	12	1 357 336.00	1 357 336.00	1 357 336.00	1.00	0.00
6	13	1 390 498.80	1 394 016.00	1 385 073.00	2.20	0.00
6	14	1 406 148.60	1 415 237.00	1 393 299.00	3.00	0.00
6	15	1 375 709.40	1 382 013.00	1 372 024.00	1.60	0.00
6	16	1 370 766.60	1 378 725.00	1 365 847.00	2.20	0.00
6	17	1 447 107.00	1 447 107.00	1 447 107.00	4.00	5.00
6	18	1 447 958.00	1 447 958.00	1 447 958.00	4.00	5.00
6	19	1 460 527.00	1 460 527.00	1 460 527.00	6.00	7.00
6	20	1 460 434.00	1 460 434.00	1 460 434.00	7.00	6.00
6	21	1 454 085.00	1 454 085.00	1 454 085.00	5.00	6.00
6	22	1 455 802.00	1 455 802.00	1 455 802.00	5.00	6.00
6	23	1 449 826.00	1 449 826.00	1 449 826.00	5.00	5.00
6	24	1 463 943.00	1 463 943.00	1 463 943.00	8.00	7.00
7	1	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	2	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	3	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	4	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	5	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	6	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	7	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	8	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	9	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00

Founding Members





7	10	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	11	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	12	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	13	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	14	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	15	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	16	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	17	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	18	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	19	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	20	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	21	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	22	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	23	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
7	24	1 891 474.00	1 891 474.00	1 891 474.00	0.00	0.00
8	1	1 127 378.60	1 140 249.00	1 119 471.00	12.40	0.00
8	2	1 151 127.20	1 158 378.00	1 139 727.00	11.20	0.00
8	3	1 063 625.00	1 091 472.00	1 047 944.00	14.20	0.00
8	4	1 068 696.60	1 082 351.00	1 059 796.00	13.40	0.00
8	5	1 132 015.20	1 143 228.00	1 120 464.00	11.20	0.00
8	6	1 146 495.00	1 155 665.00	1 137 697.00	11.60	0.00
8	7	1 073 698.60	1 086 750.00	1 062 688.00	13.20	0.00
8	8	1 058 119.40	1 081 500.00	1 040 200.00	13.80	0.00
8	9	1 114 359.80	1 119 497.00	1 107 571.00	12.20	0.00
8	10	1 138 008.00	1 153 667.00	1 126 143.00	11.20	0.00
8	11	617 916.00	646 226.00	554 323.00	24.60	0.00
8	12	552 867.40	577 592.00	538 778.00	27.00	0.00





8	13	1 114 777.20	1 132 014.00	1 102 309.00	12.80	0.00
8	14	1 148 977.80	1 158 169.00	1 139 187.00	11.00	0.00
8	15	1 048 478.20	1 077 817.00	1 006 376.00	13.00	0.00
8	16	1 051 227.60	1 069 981.00	1 035 388.00	13.40	0.00
8	17	1 158 244.00	1 158 244.00	1 158 244.00	11.00	11.00
8	18	1 177 260.00	1 177 260.00	1 177 260.00	8.00	11.00
8	19	1 186 114.00	1 186 114.00	1 186 114.00	9.00	10.00
8	20	1 157 126.00	1 157 126.00	1 157 126.00	10.00	12.00
8	21	1 175 780.00	1 175 780.00	1 175 780.00	9.00	11.00
8	22	1 187 659.00	1 187 659.00	1 187 659.00	9.00	10.00
8	23	1 178 858.00	1 178 858.00	1 178 858.00	8.00	10.00
8	24	1 195 628.00	1 195 628.00	1 195 628.00	7.00	8.00
9	1	1 555 161.60	1 564 328.00	1 534 802.00	1.40	0.00
9	2	1 568 972.60	1 572 733.00	1 566 288.00	1.00	0.00
9	3	1 534 671.80	1 542 196.00	1 528 161.00	1.20	0.00
9	4	1 533 500.60	1 542 258.00	1 525 176.00	1.00	0.00
9	5	1 559 254.40	1 564 013.00	1 554 561.00	1.00	0.00
9	6	1 572 618.00	1 575 152.00	1 568 732.00	1.40	0.00
9	7	1 535 783.40	1 543 404.00	1 525 787.00	1.20	0.00
9	8	1 536 779.20	1 547 336.00	1 528 998.00	1.00	0.00
9	9	1 549 432.80	1 553 993.00	1 543 451.00	1.20	0.00
9	10	1 559 204.80	1 564 796.00	1 554 429.00	1.20	0.00
9	11	1 514 642.00	1 514 642.00	1 514 642.00	1.00	0.00
9	12	1 514 642.00	1 514 642.00	1 514 642.00	1.00	0.00
9	13	1 548 986.20	1 557 281.00	1 535 942.00	1.00	0.00
9	14	1 566 721.60	1 568 947.00	1 564 346.00	1.60	0.00
9	15	1 530 534.00	1 540 835.00	1 520 509.00	1.20	0.00

Founding Members





9	16	1 530 989.00	1 544 375.00	1 524 172.00	1.20	0.00
9	17	1 585 807.00	1 585 807.00	1 585 807.00	1.00	2.00
9	18	1 587 733.00	1 587 733.00	1 587 733.00	1.00	1.00
9	19	1 588 222.00	1 588 222.00	1 588 222.00	1.00	3.00
9	20	1 584 203.00	1 584 203.00	1 584 203.00	1.00	4.00
9	21	1 589 697.00	1 589 697.00	1 589 697.00	2.00	3.00
9	22	1 588 664.00	1 588 664.00	1 588 664.00	1.00	3.00
9	23	1 588 106.00	1 588 106.00	1 588 106.00	1.00	2.00
9	24	1 592 575.00	1 592 575.00	1 592 575.00	2.00	2.00
10	1	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	2	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	3	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	4	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	5	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	6	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	7	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	8	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	9	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	10	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	11	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	12	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	13	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	14	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	15	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	16	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	17	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	18	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00

Founding Members





10	19	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	20	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	21	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	22	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	23	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
10	24	1 404 153.00	1 404 153.00	1 404 153.00	0.00	0.00
11	1	642 956.80	660 015.00	622 725.00	16.20	0.00
11	2	659 993.40	681 224.00	644 520.00	16.20	0.00
11	3	576 516.20	595 854.00	559 313.00	18.40	0.00
11	4	573 636.60	590 046.00	546 961.00	18.40	0.00
11	5	635 319.80	649 521.00	619 431.00	17.00	0.00
11	6	660 283.60	664 953.00	652 984.00	16.00	0.00
11	7	578 084.80	610 067.00	519 651.00	18.40	0.00
11	8	572 926.00	594 654.00	551 927.00	18.20	0.00
11	9	625 820.60	646 620.00	616 548.00	16.60	0.00
11	10	644 542.20	662 978.00	625 203.00	16.20	0.00
11	11	150 226.80	210 118.00	108 922.00	27.80	0.00
11	12	38 423.00	54 762.00	26 875.00	36.80	0.00
11	13	634 009.60	650 929.00	609 871.00	17.20	0.00
11	14	659 463.80	667 342.00	649 406.00	15.80	0.00
11	15	570 805.20	597 366.00	555 220.00	18.20	0.00
11	16	572 382.60	588 180.00	559 939.00	18.40	0.00
11	17	678 517.00	678 517.00	678 517.00	14.00	15.00
11	18	687 818.00	687 818.00	687 818.00	13.00	16.00
11	19	683 028.00	683 028.00	683 028.00	12.00	16.00
11	20	696 569.00	696 569.00	696 569.00	12.00	15.00
11	21	689 737.00	689 737.00	689 737.00	12.00	15.00





11	22	679 974.00	679 974.00	679 974.00	14.00	16.00
11	23	680 730.00	680 730.00	680 730.00	13.00	16.00
11	24	707 078.00	707 078.00	707 078.00	11.00	13.00
12	1	989 450.60	1 000 769.00	971 444.00	9.20	0.00
12	2	1 016 327.80	1 020 049.00	1 012 701.00	8.00	0.00
12	3	914 912.20	930 440.00	894 641.00	11.80	0.00
12	4	916 104.00	933 823.00	902 507.00	11.40	0.00
12	5	1 001 494.40	1 014 696.00	974 809.00	8.60	0.00
12	6	1 022 746.00	1 036 798.00	1 011 536.00	8.00	0.00
12	7	906 877.60	923 666.00	893 949.00	12.20	0.00
12	8	921 128.00	943 262.00	879 253.00	12.20	0.00
12	9	977 048.00	989 966.00	952 460.00	9.40	0.00
12	10	1 009 881.00	1 024 844.00	991 285.00	8.00	0.00
12	11	585 741.40	598 246.00	575 042.00	27.80	0.00
12	12	577 988.60	589 775.00	575 042.00	27.80	0.00
12	13	978 479.60	992 490.00	962 624.00	9.60	0.00
12	14	1 015 004.40	1 025 761.00	996 471.00	8.40	0.00
12	15	919 006.40	952 671.00	881 414.00	11.40	0.00
12	16	901 710.00	928 841.00	863 118.00	11.00	0.00
12	17	1 040 007.00	1 040 007.00	1 040 007.00	7.00	7.00
12	18	1 054 418.00	1 054 418.00	1 054 418.00	6.00	6.00
12	19	1 039 186.00	1 039 186.00	1 039 186.00	6.00	8.00
12	20	1 047 603.00	1 047 603.00	1 047 603.00	7.00	6.00
12	21	1 047 782.00	1 047 782.00	1 047 782.00	7.00	6.00
12	22	1 057 918.00	1 057 918.00	1 057 918.00	6.00	6.00
12	23	1 052 818.00	1 052 818.00	1 052 818.00	7.00	6.00
12	24	1 005 855.00	1 005 855.00	1 005 855.00	6.00	6.00

Founding Members





13	1	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	2	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	3	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	4	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	5	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	6	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	7	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	8	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	9	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	10	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	11	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	12	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	13	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	14	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	15	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	16	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	17	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	18	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	19	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	20	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	21	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	22	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	23	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
13	24	2 043 454.00	2 043 454.00	2 043 454.00	0.00	0.00
14	1	864 991.40	871 813.00	857 322.00	17.80	0.00
14	2	881 752.40	886 602.00	875 745.00	17.80	0.00
14	3	799 746.60	810 852.00	788 403.00	19.00	0.00

Founding Members





14	4	811 933.60	824 638.00	802 737.00	18.00	0.00
14	5	868 166.00	874 054.00	863 642.00	17.40	0.00
14	6	883 411.40	886 812.00	881 381.00	17.40	0.00
14	7	807 599.00	817 778.00	796 607.00	18.40	0.00
14	8	799 348.00	817 497.00	780 555.00	18.20	0.00
14	9	857 777.00	863 874.00	852 416.00	18.40	0.00
14	10	872 706.00	881 253.00	868 731.00	18.00	0.00
14	11	410 496.80	495 628.00	343 747.00	28.20	0.00
14	12	35 624.20	47 035.00	25 651.00	35.60	0.00
14	13	857 406.00	862 917.00	851 087.00	17.60	0.00
14	14	875 391.60	879 197.00	869 380.00	17.40	0.00
14	15	801 463.20	816 626.00	793 013.00	18.80	0.00
14	16	799 019.00	811 778.00	780 389.00	18.60	0.00
14	17	898 546.00	898 546.00	898 546.00	16.00	18.00
14	18	899 001.00	899 001.00	899 001.00	17.00	18.00
14	19	898 775.00	898 775.00	898 775.00	16.00	18.00
14	20	896 845.00	896 845.00	896 845.00	17.00	18.00
14	21	896 011.00	896 011.00	896 011.00	17.00	18.00
14	22	897 815.00	897 815.00	897 815.00	17.00	18.00
14	23	898 298.00	898 298.00	898 298.00	16.00	18.00
14	24	900 006.00	900 006.00	900 006.00	16.00	18.00
15	1	1 366 105.00	1 382 244.00	1 351 960.00	9.80	0.00
15	2	1 388 210.80	1 395 945.00	1 377 309.00	8.60	0.00
15	3	1 280 871.20	1 295 983.00	1 267 654.00	11.20	0.00
15	4	1 262 491.60	1 310 272.00	1 230 849.00	10.80	0.00
15	5	1 366 978.40	1 382 378.00	1 357 761.00	10.00	0.00
15	6	1 395 013.00	1 406 841.00	1 384 569.00	9.40	0.00





15	7	1 300 844.00	1 326 899.00	1 271 638.00	9.60	0.00
15	8	1 285 765.60	1 324 384.00	1 262 174.00	10.60	0.00
15	9	1 338 282.80	1 352 305.00	1 316 314.00	10.20	0.00
15	10	1 379 380.40	1 395 727.00	1 356 223.00	9.40	0.00
15	11	616 514.00	652 487.00	581 183.00	26.80	0.00
15	12	564 512.60	592 471.00	557 523.00	28.00	0.00
15	13	1 347 657.20	1 362 979.00	1 310 899.00	9.20	0.00
15	14	1 385 814.80	1 399 818.00	1 368 037.00	9.20	0.00
15	15	1 260 490.20	1 307 268.00	1 221 053.00	10.60	0.00
15	16	1 240 449.20	1 301 572.00	1 181 311.00	11.80	0.00
15	17	1 412 236.00	1 412 236.00	1 412 236.00	8.00	10.00
15	18	1 423 601.00	1 423 601.00	1 423 601.00	10.00	9.00
15	19	1 429 736.00	1 429 736.00	1 429 736.00	10.00	10.00
15	20	1 429 762.00	1 429 762.00	1 429 762.00	10.00	10.00
15	21	1 423 265.00	1 423 265.00	1 423 265.00	9.00	10.00
15	22	1 418 629.00	1 418 629.00	1 418 629.00	9.00	9.00
15	23	1 428 446.00	1 428 446.00	1 428 446.00	10.00	10.00
15	24	1 429 762.00	1 429 762.00	1 429 762.00	10.00	10.00
16	1	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	2	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	3	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	4	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	5	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	6	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	7	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	8	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	9	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00

Founding Members





16	10	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	11	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	12	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	13	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	14	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	15	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	16	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	17	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	18	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	19	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	20	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	21	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	22	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	23	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
16	24	1 940 627.00	1 940 627.00	1 940 627.00	0.00	0.00
17	1	975 365.20	980 713.00	966 872.00	17.40	0.00
17	2	1 005 265.40	1 008 034.00	1 000 674.00	17.20	0.00
17	3	880 837.60	920 270.00	855 548.00	18.40	0.00
17	4	899 196.80	910 943.00	887 955.00	18.00	0.00
17	5	978 549.00	987 171.00	972 062.00	17.20	0.00
17	6	1 011 003.40	1 026 160.00	996 264.00	16.80	0.00
17	7	887 855.00	915 005.00	866 869.00	18.20	0.00
17	8	867 327.00	900 702.00	855 761.00	18.40	0.00
17	9	963 436.60	973 698.00	953 735.00	17.00	0.00
17	10	993 330.80	1 002 226.00	977 381.00	17.40	0.00
17	11	266 690.00	371 431.00	141 001.00	29.40	0.00
17	12	-70 841.60	-1.00	-95 825.00	35.20	0.00

Founding Members





17	13	966 407.60	977 294.00	961 612.00	16.80	0.00
17	14	1 005 442.80	1 015 357.00	996 111.00	17.00	0.00
17	15	886 180.00	927 535.00	854 048.00	18.80	0.00
17	16	872 775.00	886 068.00	845 742.00	19.00	0.00
17	17	1 033 953.00	1 033 953.00	1 033 953.00	15.00	16.00
17	18	1 019 828.00	1 019 828.00	1 019 828.00	15.00	17.00
17	19	1 031 501.00	1 031 501.00	1 031 501.00	14.00	17.00
17	20	1 038 322.00	1 038 322.00	1 038 322.00	15.00	16.00
17	21	1 038 280.00	1 038 280.00	1 038 280.00	14.00	17.00
17	22	1 038 551.00	1 038 551.00	1 038 551.00	15.00	16.00
17	23	1 030 161.00	1 030 161.00	1 030 161.00	16.00	17.00
17	24	1 014 183.00	1 014 183.00	1 014 183.00	13.00	16.00
18	1	1 361 308.80	1 373 614.00	1 348 950.00	8.60	0.00
18	2	1 395 286.40	1 403 506.00	1 380 949.00	8.40	0.00
18	3	1 256 564.40	1 266 138.00	1 242 905.00	10.60	0.00
18	4	1 244 458.20	1 271 922.00	1 230 891.00	11.60	0.00
18	5	1 368 749.20	1 388 376.00	1 350 662.00	9.20	0.00
18	6	1 399 953.80	1 408 273.00	1 386 261.00	8.40	0.00
18	7	1 254 741.80	1 282 593.00	1 211 895.00	11.40	0.00
18	8	1 248 119.20	1 273 975.00	1 225 359.00	10.80	0.00
18	9	1 343 129.40	1 361 872.00	1 323 490.00	9.40	0.00
18	10	1 379 595.80	1 390 055.00	1 363 730.00	8.40	0.00
18	11	618 553.20	640 958.00	595 364.00	27.40	0.00
18	12	595 364.00	595 364.00	595 364.00	28.00	0.00
18	13	1 355 322.40	1 385 373.00	1 327 735.00	9.40	0.00
18	14	1 388 421.60	1 406 882.00	1 375 010.00	8.60	0.00
18	15	1 195 455.20	1 216 073.00	1 174 246.00	11.20	0.00





18	16	1 222 295.20	1 281 177.00	1 174 328.00	10.80	0.00
18	17	1 429 628.00	1 429 628.00	1 429 628.00	8.00	9.00
18	18	1 432 252.00	1 432 252.00	1 432 252.00	9.00	8.00
18	19	1 436 333.00	1 436 333.00	1 436 333.00	9.00	8.00
18	20	1 433 689.00	1 433 689.00	1 433 689.00	9.00	9.00
18	21	1 435 335.00	1 435 335.00	1 435 335.00	8.00	8.00
18	22	1 437 032.00	1 437 032.00	1 437 032.00	8.00	8.00
18	23	1 420 867.00	1 420 867.00	1 420 867.00	9.00	8.00
18	24	1 439 734.00	1 439 734.00	1 439 734.00	8.00	7.00
19	1	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	2	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	3	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	4	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	5	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	6	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	7	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	8	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	9	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	10	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	11	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	12	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	13	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	14	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	15	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	16	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	17	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	18	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00

Founding Members





19	19	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	20	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	21	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	22	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	23	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
19	24	1 420 965.00	1 420 965.00	1 420 965.00	0.00	0.00
20	1	405 608.60	420 160.00	391 593.00	21.80	0.00
20	2	445 908.40	451 099.00	436 586.00	21.80	0.00
20	3	270 103.40	304 408.00	247 082.00	26.40	0.00
20	4	299 508.20	316 068.00	268 639.00	23.20	0.00
20	5	404 037.80	420 286.00	381 925.00	21.40	0.00
20	6	449 940.20	465 882.00	424 432.00	21.40	0.00
20	7	303 225.40	329 961.00	275 211.00	24.60	0.00
20	8	280 167.00	299 055.00	250 197.00	24.80	0.00
20	9	371 570.00	400 017.00	346 580.00	23.60	0.00
20	10	437 210.60	446 672.00	424 010.00	22.20	0.00
20	11	-223 602.40	-1.00	-260 285.00	37.80	0.00
20	12	-434 340.40	-1.00	-437 223.00	45.60	0.00
20	13	395 092.00	426 884.00	366 647.00	22.20	0.00
20	14	444 659.80	453 091.00	436 349.00	22.20	0.00
20	15	269 559.60	281 994.00	250 518.00	26.80	0.00
20	16	296 446.60	330 978.00	282 762.00	25.00	0.00
20	17	484 488.00	484 488.00	484 488.00	19.00	21.00
20	18	484 611.00	484 611.00	484 611.00	19.00	21.00
20	19	487 188.00	487 188.00	487 188.00	19.00	20.00
20	20	487 219.00	487 219.00	487 219.00	19.00	21.00
20	21	479 527.00	479 527.00	479 527.00	19.00	21.00





20	22	488 222.00	488 222.00	488 222.00	19.00	20.00
20	23	468 952.00	468 952.00	468 952.00	20.00	22.00
20	24	488 222.00	488 222.00	488 222.00	19.00	20.00
21	1	699 373.20	729 896.00	670 069.00	15.00	0.00
21	2	756 039.00	766 823.00	740 625.00	13.40	0.00
21	3	568 356.00	626 683.00	526 828.00	20.20	0.00
21	4	570 173.40	599 228.00	554 612.00	19.20	0.00
21	5	726 514.40	749 062.00	704 538.00	14.00	0.00
21	6	763 306.00	787 355.00	737 313.00	13.00	0.00
21	7	604 471.60	644 495.00	551 019.00	19.80	0.00
21	8	588 989.80	607 738.00	553 588.00	19.00	0.00
21	9	668 367.40	683 891.00	653 723.00	15.80	0.00
21	10	746 821.60	769 162.00	736 416.00	14.20	0.00
21	11	93 875.00	120 900.00	78 648.00	35.80	0.00
21	12	78 648.00	78 648.00	78 648.00	37.00	0.00
21	13	675 928.00	714 751.00	638 490.00	17.00	0.00
21	14	755 510.20	770 322.00	737 544.00	13.80	0.00
21	15	538 569.60	581 638.00	503 257.00	19.60	0.00
21	16	600 768.60	639 177.00	547 754.00	18.80	0.00
21	17	813 257.00	813 257.00	813 257.00	11.00	12.00
21	18	825 990.00	825 990.00	825 990.00	11.00	11.00
21	19	826 259.00	826 259.00	826 259.00	12.00	11.00
21	20	826 281.00	826 281.00	826 281.00	12.00	11.00
21	21	826 281.00	826 281.00	826 281.00	12.00	11.00
21	22	825 995.00	825 995.00	825 995.00	11.00	11.00
21	23	825 391.00	825 391.00	825 391.00	11.00	11.00
21	24	826 281.00	826 281.00	826 281.00	12.00	11.00





22	1	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	2	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	3	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	4	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	5	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	6	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	7	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	8	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	9	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	10	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	11	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	12	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	13	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	14	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	15	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	16	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	17	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	18	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	19	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	20	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	21	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	22	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	23	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
22	24	2 049 705.00	2 049 705.00	2 049 705.00	0.00	0.00
23	1	785 632.00	812 530.00	764 469.00	20.40	0.00
23	2	826 510.00	844 409.00	814 112.00	20.20	0.00
23	3	642 017.40	667 343.00	605 247.00	23.00	0.00



23	4	660 570.40	694 581.00	619 758.00	22.80	0.00
23	5	785 524.60	820 826.00	749 487.00	20.60	0.00
23	6	818 838.20	831 558.00	810 077.00	20.00	0.00
23	7	664 677.20	688 735.00	622 201.00	22.20	0.00
23	8	656 952.40	718 663.00	627 427.00	23.40	0.00
23	9	756 751.60	790 564.00	711 422.00	20.40	0.00
23	10	798 927.00	825 252.00	766 975.00	20.40	0.00
23	11	62 761.00	114 545.00	11 924.00	36.80	0.00
23	12	-278 629.40	-1.00	-298 447.00	42.20	0.00
23	13	768 865.40	787 963.00	746 891.00	21.00	0.00
23	14	816 106.60	832 500.00	794 207.00	20.60	0.00
23	15	611 487.80	645 764.00	579 607.00	23.80	0.00
23	16	627 594.20	654 492.00	620 265.00	24.20	0.00
23	17	867 895.00	867 895.00	867 895.00	18.00	20.00
23	18	868 083.00	868 083.00	868 083.00	18.00	20.00
23	19	868 106.00	868 106.00	868 106.00	18.00	20.00
23	20	868 176.00	868 176.00	868 176.00	18.00	20.00
23	21	868 231.00	868 231.00	868 231.00	18.00	20.00
23	22	868 231.00	868 231.00	868 231.00	18.00	20.00
23	23	868 023.00	868 023.00	868 023.00	18.00	20.00
23	24	868 231.00	868 231.00	868 231.00	18.00	20.00
24	1	1 214 937.20	1 229 549.00	1 201 039.00	13.60	0.00
24	2	1 309 328.80	1 331 067.00	1 288 653.00	12.40	0.00
24	3	1 000 709.00	1 058 331.00	884 132.00	18.20	0.00
24	4	1 008 576.80	1 045 845.00	978 469.00	17.60	0.00
24	5	1 183 319.80	1 241 296.00	1 147 146.00	13.40	0.00
24	6	1 285 131.20	1 337 296.00	1 252 166.00	12.20	0.00





24	7	1 027 901.40	1 049 591.00	1 003 864.00	16.40	0.00
24	8	1 009 101.40	1 080 863.00	978 994.00	18.00	0.00
24	9	1 183 916.60	1 224 386.00	1 159 487.00	13.60	0.00
24	10	1 260 403.20	1 278 665.00	1 237 753.00	13.20	0.00
24	11	313 850.80	398 008.00	256 644.00	33.80	0.00
24	12	256 972.60	267 024.00	250 876.00	36.80	0.00
24	13	1 172 465.20	1 254 707.00	1 117 896.00	14.60	0.00
24	14	1 291 336.40	1 311 650.00	1 259 594.00	12.60	0.00
24	15	975 162.20	1 047 768.00	912 214.00	19.20	0.00
24	16	973 746.60	1 041 664.00	912 409.00	19.40	0.00
24	17	1 375 697.00	1 375 697.00	1 375 697.00	11.00	12.00
24	18	1 379 720.00	1 379 720.00	1 379 720.00	11.00	11.00
24	19	1 379 727.00	1 379 727.00	1 379 727.00	11.00	11.00
24	20	1 379 736.00	1 379 736.00	1 379 736.00	11.00	11.00
24	21	1 379 737.00	1 379 737.00	1 379 737.00	11.00	11.00
24	22	1 378 976.00	1 378 976.00	1 378 976.00	11.00	11.00
24	23	1 379 583.00	1 379 583.00	1 379 583.00	11.00	11.00
24	24	1 379 737.00	1 379 737.00	1 379 737.00	11.00	11.00
25	1	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	2	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	3	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	4	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	5	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	6	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	7	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	8	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	9	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00

Founding Members





25	10	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	11	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	12	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	13	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	14	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	15	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	16	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	17	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	18	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	19	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	20	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	21	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	22	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	23	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
25	24	1 922 697.00	1 922 697.00	1 922 697.00	0.00	0.00
26	1	651 903.20	681 031.00	620 382.00	21.40	0.00
26	2	721 749.00	740 978.00	705 184.00	20.20	0.00
26	3	516 091.60	545 549.00	452 321.00	24.00	0.00
26	4	516 057.80	573 044.00	464 068.00	24.40	0.00
26	5	661 046.20	681 614.00	635 015.00	21.60	0.00
26	6	715 613.20	739 218.00	683 464.00	20.20	0.00
26	7	534 217.40	580 970.00	510 251.00	23.40	0.00
26	8	513 090.00	557 335.00	484 919.00	23.80	0.00
26	9	643 593.60	688 292.00	617 869.00	22.20	0.00
26	10	685 875.00	704 343.00	655 346.00	21.00	0.00
26	11	-161 795.80	-1.00	-247 758.00	35.00	0.00
26	12	-435 822.00	-1.00	-449 245.00	44.80	0.00

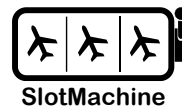
Founding Members





26	13	640 522.80	665 632.00	605 449.00	21.20	0.00
26	14	708 984.40	734 141.00	684 882.00	20.20	0.00
26	15	491 239.40	537 902.00	431 105.00	23.80	0.00
26	16	478 874.60	539 605.00	410 347.00	25.60	0.00
26	17	755 929.00	755 929.00	755 929.00	19.00	20.00
26	18	766 760.00	766 760.00	766 760.00	18.00	20.00
26	19	766 847.00	766 847.00	766 847.00	18.00	20.00
26	20	765 641.00	765 641.00	765 641.00	18.00	20.00
26	21	764 374.00	764 374.00	764 374.00	18.00	20.00
26	22	761 717.00	761 717.00	761 717.00	18.00	20.00
26	23	763 426.00	763 426.00	763 426.00	18.00	20.00
26	24	767 179.00	767 179.00	767 179.00	18.00	20.00
27	1	1 097 228.20	1 129 179.00	1 064 713.00	15.20	0.00
27	2	1 182 714.00	1 220 834.00	1 163 358.00	12.80	0.00
27	3	920 292.40	973 911.00	839 368.00	18.00	0.00
27	4	923 790.20	1 014 544.00	832 462.00	18.40	0.00
27	5	1 099 786.00	1 134 374.00	1 081 021.00	15.40	0.00
27	6	1 197 850.60	1 217 273.00	1 176 577.00	12.00	0.00
27	7	931 349.60	990 488.00	859 957.00	17.20	0.00
27	8	896 134.40	953 267.00	872 742.00	18.40	0.00
27	9	1 090 799.40	1 126 789.00	1 060 706.00	14.20	0.00
27	10	1 156 170.40	1 174 577.00	1 128 156.00	13.00	0.00
27	11	205 544.80	240 844.00	187 127.00	36.80	0.00
27	12	192 853.40	197 997.00	187 127.00	37.00	0.00
27	13	1 072 874.80	1 128 425.00	1 029 620.00	15.00	0.00
27	14	1 163 111.60	1 192 168.00	1 128 966.00	13.60	0.00
27	15	836 829.60	908 921.00	750 499.00	21.40	0.00





27	16	874 606.40	967 258.00	795 801.00	20.60	0.00
27	17	1 294 807.00	1 294 807.00	1 294 807.00	11.00	11.00
27	18	1 284 613.00	1 284 613.00	1 284 613.00	12.00	11.00
27	19	1 298 309.00	1 298 309.00	1 298 309.00	11.00	11.00
27	20	1 297 829.00	1 297 829.00	1 297 829.00	11.00	11.00
27	21	1 294 807.00	1 294 807.00	1 294 807.00	11.00	11.00
27	22	1 299 427.00	1 299 427.00	1 299 427.00	11.00	11.00
27	23	1 293 176.00	1 293 176.00	1 293 176.00	11.00	11.00
27	24	1 299 528.00	1 299 528.00	1 299 528.00	11.00	11.00
28	1	717 600.00	717 600.00	717 600.00	0.00	0.00
28	2	717 600.00	717 600.00	717 600.00	0.00	0.00
28	3	717 600.00	717 600.00	717 600.00	0.00	0.00
28	4	717 600.00	717 600.00	717 600.00	0.00	0.00
28	5	717 600.00	717 600.00	717 600.00	0.00	0.00
28	6	717 600.00	717 600.00	717 600.00	0.00	0.00
28	7	717 600.00	717 600.00	717 600.00	0.00	0.00
28	8	717 600.00	717 600.00	717 600.00	0.00	0.00
28	9	717 600.00	717 600.00	717 600.00	0.00	0.00
28	10	717 600.00	717 600.00	717 600.00	0.00	0.00
28	11	717 600.00	717 600.00	717 600.00	0.00	0.00
28	12	717 600.00	717 600.00	717 600.00	0.00	0.00
28	13	717 600.00	717 600.00	717 600.00	0.00	0.00
28	14	717 600.00	717 600.00	717 600.00	0.00	0.00
28	15	717 600.00	717 600.00	717 600.00	0.00	0.00
28	16	717 600.00	717 600.00	717 600.00	0.00	0.00
28	17	717 600.00	717 600.00	717 600.00	0.00	0.00
28	18	717 600.00	717 600.00	717 600.00	0.00	0.00





28	19	717 600.00	717 600.00	717 600.00	0.00	0.00
28	20	717 600.00	717 600.00	717 600.00	0.00	0.00
28	21	717 600.00	717 600.00	717 600.00	0.00	0.00
28	22	717 600.00	717 600.00	717 600.00	0.00	0.00
28	23	717 600.00	717 600.00	717 600.00	0.00	0.00
28	24	717 600.00	717 600.00	717 600.00	0.00	0.00
29	1	786 879.00	786 879.00	786 879.00	0.00	0.00
29	2	786 879.00	786 879.00	786 879.00	0.00	0.00
29	3	786 674.40	786 879.00	786 147.00	0.00	0.00
29	4	786 731.20	786 879.00	786 150.00	0.00	0.00
29	5	786 879.00	786 879.00	786 879.00	0.00	0.00
29	6	786 879.00	786 879.00	786 879.00	0.00	0.00
29	7	786 529.20	786 850.00	786 122.00	0.00	0.00
29	8	786 851.40	786 879.00	786 791.00	0.00	0.00
29	9	786 879.00	786 879.00	786 879.00	0.00	0.00
29	10	786 879.00	786 879.00	786 879.00	0.00	0.00
29	11	776 414.20	779 230.00	774 420.00	0.00	0.00
29	12	774 422.60	774 433.00	774 420.00	0.00	0.00
29	13	786 875.40	786 879.00	786 861.00	0.00	0.00
29	14	786 879.00	786 879.00	786 879.00	0.00	0.00
29	15	786 592.80	786 876.00	786 000.00	0.00	0.00
29	16	786 615.60	786 868.00	785 984.00	0.00	0.00
29	17	786 879.00	786 879.00	786 879.00	0.00	0.00
29	18	786 879.00	786 879.00	786 879.00	0.00	0.00
29	19	786 879.00	786 879.00	786 879.00	0.00	0.00
29	20	786 879.00	786 879.00	786 879.00	0.00	0.00
29	21	786 879.00	786 879.00	786 879.00	0.00	0.00

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29	22	786 879.00	786 879.00	786 879.00	0.00	0.00
29	23	786 818.00	786 818.00	786 818.00	0.00	0.00
29	24	786 879.00	786 879.00	786 879.00	0.00	0.00
30	1	727 846.80	728 088.00	727 478.00	0.00	0.00
30	2	727 814.40	728 088.00	727 065.00	0.00	0.00
30	3	727 489.40	728 011.00	726 739.00	0.00	0.00
30	4	727 809.40	728 088.00	727 444.00	0.00	0.00
30	5	728 057.20	728 088.00	727 934.00	0.00	0.00
30	6	728 088.00	728 088.00	728 088.00	0.00	0.00
30	7	727 575.20	727 927.00	727 008.00	0.00	0.00
30	8	727 629.40	727 989.00	726 927.00	0.00	0.00
30	9	727 950.00	728 088.00	727 743.00	0.00	0.00
30	10	728 088.00	728 088.00	728 088.00	0.00	0.00
30	11	718 955.80	720 490.00	717 767.00	0.00	0.00
30	12	717 660.00	717 660.00	717 660.00	0.00	0.00
30	13	727 861.60	728 088.00	727 065.00	0.00	0.00
30	14	728 019.00	728 088.00	727 743.00	0.00	0.00
30	15	727 719.40	727 924.00	727 436.00	0.00	0.00
30	16	727 233.60	727 952.00	725 256.00	0.00	0.00
30	17	728 088.00	728 088.00	728 088.00	0.00	0.00
30	18	728 088.00	728 088.00	728 088.00	0.00	0.00
30	19	728 088.00	728 088.00	728 088.00	0.00	0.00
30	20	728 088.00	728 088.00	728 088.00	0.00	0.00
30	21	727 743.00	727 743.00	727 743.00	0.00	0.00
30	22	728 088.00	728 088.00	728 088.00	0.00	0.00
30	23	728 088.00	728 088.00	728 088.00	0.00	0.00
30	24	728 088.00	728 088.00	728 088.00	0.00	0.00





31	1	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	2	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	3	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	4	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	5	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	6	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	7	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	8	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	9	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	10	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	11	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	12	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	13	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	14	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	15	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	16	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	17	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	18	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	19	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	20	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	21	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	22	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	23	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
31	24	1 015 624.00	1 015 624.00	1 015 624.00	0.00	0.00
32	1	782 531.80	784 266.00	779 849.00	0.00	0.00
32	2	784 517.80	786 185.00	783 419.00	0.00	0.00
32	3	782 785.80	784 364.00	781 207.00	0.00	0.00





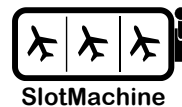
32	4	783 025.00	785 267.00	781 155.00	0.00	0.00
32	5	784 544.60	786 267.00	783 040.00	0.00	0.00
32	6	784 481.40	785 784.00	781 923.00	0.00	0.00
32	7	782 164.20	784 382.00	779 777.00	0.00	0.00
32	8	783 633.60	784 724.00	781 449.00	0.00	0.00
32	9	783 134.40	785 345.00	781 615.00	0.00	0.00
32	10	784 698.40	786 267.00	782 557.00	0.00	0.00
32	11	745 655.80	747 506.00	743 216.00	0.00	0.00
32	12	738 781.00	739 877.00	738 507.00	0.00	0.00
32	13	784 207.40	786 408.00	782 835.00	0.00	0.00
32	14	784 540.20	785 506.00	783 984.00	0.00	0.00
32	15	782 647.40	784 456.00	778 646.00	0.00	0.00
32	16	783 027.00	784 669.00	779 859.00	0.00	0.00
32	17	785 174.00	785 174.00	785 174.00	0.00	0.00
32	18	785 113.00	785 113.00	785 113.00	0.00	0.00
32	19	787 648.00	787 648.00	787 648.00	0.00	0.00
32	20	784 972.00	784 972.00	784 972.00	0.00	0.00
32	21	785 724.00	785 724.00	785 724.00	0.00	0.00
32	22	787 534.00	787 534.00	787 534.00	0.00	0.00
32	23	784 706.00	784 706.00	784 706.00	0.00	0.00
32	24	787 648.00	787 648.00	787 648.00	0.00	0.00
33	1	931 055.00	931 941.00	927 979.00	0.00	0.00
33	2	931 420.80	931 941.00	929 808.00	0.00	0.00
33	3	929 110.20	931 756.00	926 981.00	0.00	0.00
33	4	928 775.00	930 361.00	926 150.00	0.00	0.00
33	5	930 288.40	932 171.00	928 470.00	0.00	0.00
33	6	931 562.20	932 280.00	930 176.00	0.00	0.00





33	7	926 867.80	929 283.00	922 823.00	0.00	0.00
33	8	930 020.00	933 859.00	926 363.00	0.00	0.00
33	9	931 020.00	932 436.00	927 393.00	0.00	0.00
33	10	931 839.20	933 877.00	929 808.00	0.00	0.00
33	11	900 984.40	903 088.00	900 191.00	0.00	0.00
33	12	900 316.00	900 816.00	900 191.00	0.00	0.00
33	13	931 144.00	931 871.00	930 079.00	0.00	0.00
33	14	930 220.60	931 941.00	925 784.00	0.00	0.00
33	15	927 785.60	932 171.00	924 365.00	0.00	0.00
33	16	928 034.00	931 941.00	924 220.00	0.00	0.00
33	17	931 785.00	931 785.00	931 785.00	0.00	0.00
33	18	933 877.00	933 877.00	933 877.00	0.00	0.00
33	19	933 877.00	933 877.00	933 877.00	0.00	0.00
33	20	933 877.00	933 877.00	933 877.00	0.00	0.00
33	21	929 808.00	929 808.00	929 808.00	0.00	0.00
33	22	933 877.00	933 877.00	933 877.00	0.00	0.00
33	23	932 637.00	932 637.00	932 637.00	0.00	0.00
33	24	933 877.00	933 877.00	933 877.00	0.00	0.00
34	1	929 519.00	929 519.00	929 519.00	0.00	0.00
34	2	929 519.00	929 519.00	929 519.00	0.00	0.00
34	3	929 519.00	929 519.00	929 519.00	0.00	0.00
34	4	929 519.00	929 519.00	929 519.00	0.00	0.00
34	5	929 519.00	929 519.00	929 519.00	0.00	0.00
34	6	929 519.00	929 519.00	929 519.00	0.00	0.00
34	7	929 519.00	929 519.00	929 519.00	0.00	0.00
34	8	929 519.00	929 519.00	929 519.00	0.00	0.00
34	9	929 519.00	929 519.00	929 519.00	0.00	0.00





34	10	929 519.00	929 519.00	929 519.00	0.00	0.00
34	11	929 519.00	929 519.00	929 519.00	0.00	0.00
34	12	929 519.00	929 519.00	929 519.00	0.00	0.00
34	13	929 519.00	929 519.00	929 519.00	0.00	0.00
34	14	929 519.00	929 519.00	929 519.00	0.00	0.00
34	15	929 519.00	929 519.00	929 519.00	0.00	0.00
34	16	929 519.00	929 519.00	929 519.00	0.00	0.00
34	17	929 519.00	929 519.00	929 519.00	0.00	0.00
34	18	929 519.00	929 519.00	929 519.00	0.00	0.00
34	19	929 519.00	929 519.00	929 519.00	0.00	0.00
34	20	929 519.00	929 519.00	929 519.00	0.00	0.00
34	21	929 519.00	929 519.00	929 519.00	0.00	0.00
34	22	929 519.00	929 519.00	929 519.00	0.00	0.00
34	23	929 519.00	929 519.00	929 519.00	0.00	0.00
34	24	929 519.00	929 519.00	929 519.00	0.00	0.00
35	1	818 100.00	818 592.00	817 456.00	0.00	0.00
35	2	818 450.60	818 956.00	818 052.00	0.00	0.00
35	3	817 616.00	817 813.00	817 321.00	0.00	0.00
35	4	817 797.20	818 316.00	817 140.00	0.00	0.00
35	5	818 817.20	819 113.00	818 438.00	0.00	0.00
35	6	818 292.00	818 956.00	817 285.00	0.00	0.00
35	7	817 549.80	818 118.00	816 978.00	0.00	0.00
35	8	818 338.60	819 113.00	817 721.00	0.00	0.00
35	9	818 554.40	819 036.00	817 933.00	0.00	0.00
35	10	818 176.00	819 113.00	817 768.00	0.00	0.00
35	11	786 639.20	790 978.00	783 355.00	0.00	0.00
35	12	784 171.20	785 399.00	783 355.00	0.00	0.00





35	13	818 061.00	818 433.00	817 685.00	0.00	0.00
35	14	818 116.00	818 698.00	817 526.00	0.00	0.00
35	15	817 375.20	818 539.00	816 838.00	0.00	0.00
35	16	817 765.60	818 499.00	816 449.00	0.00	0.00
35	17	818 252.00	818 252.00	818 252.00	0.00	0.00
35	18	819 296.00	819 296.00	819 296.00	0.00	0.00
35	19	819 296.00	819 296.00	819 296.00	0.00	0.00
35	20	819 113.00	819 113.00	819 113.00	0.00	0.00
35	21	818 956.00	818 956.00	818 956.00	0.00	0.00
35	22	818 914.00	818 914.00	818 914.00	0.00	0.00
35	23	818 102.00	818 102.00	818 102.00	0.00	0.00
35	24	819 449.00	819 449.00	819 449.00	0.00	0.00
36	1	940 039.20	940 114.00	939 768.00	0.00	0.00
36	2	940 105.60	940 114.00	940 100.00	0.00	0.00
36	3	937 296.60	939 885.00	933 124.00	0.00	0.00
36	4	937 984.00	939 959.00	936 187.00	0.00	0.00
36	5	940 035.40	940 114.00	939 749.00	0.00	0.00
36	6	939 594.80	940 114.00	937 532.00	0.00	0.00
36	7	938 802.60	940 004.00	937 281.00	0.00	0.00
36	8	938 940.60	939 891.00	936 889.00	0.00	0.00
36	9	940 012.80	940 114.00	939 718.00	0.00	0.00
36	10	940 105.60	940 114.00	940 100.00	0.00	0.00
36	11	911 431.80	915 903.00	908 861.00	0.00	0.00
36	12	908 952.60	909 198.00	908 861.00	0.00	0.00
36	13	940 084.00	940 114.00	939 965.00	0.00	0.00
36	14	940 111.20	940 114.00	940 100.00	0.00	0.00
36	15	935 973.20	939 327.00	934 117.00	0.00	0.00





36	16	937 017.40	939 072.00	933 939.00	0.00	0.00
36	17	937 518.00	937 518.00	937 518.00	0.00	0.00
36	18	940 114.00	940 114.00	940 114.00	0.00	0.00
36	19	940 651.00	940 651.00	940 651.00	0.00	0.00
36	20	940 637.00	940 637.00	940 637.00	0.00	0.00
36	21	940 651.00	940 651.00	940 651.00	0.00	0.00
36	22	940 651.00	940 651.00	940 651.00	0.00	0.00
36	23	939 389.00	939 389.00	939 389.00	0.00	0.00
36	24	940 651.00	940 651.00	940 651.00	0.00	0.00
37	1	698 172.00	698 172.00	698 172.00	0.00	0.00
37	2	698 172.00	698 172.00	698 172.00	0.00	0.00
37	3	698 172.00	698 172.00	698 172.00	0.00	0.00
37	4	698 172.00	698 172.00	698 172.00	0.00	0.00
37	5	698 172.00	698 172.00	698 172.00	0.00	0.00
37	6	698 172.00	698 172.00	698 172.00	0.00	0.00
37	7	698 172.00	698 172.00	698 172.00	0.00	0.00
37	8	698 172.00	698 172.00	698 172.00	0.00	0.00
37	9	698 172.00	698 172.00	698 172.00	0.00	0.00
37	10	698 172.00	698 172.00	698 172.00	0.00	0.00
37	11	698 172.00	698 172.00	698 172.00	0.00	0.00
37	12	698 172.00	698 172.00	698 172.00	0.00	0.00
37	13	698 172.00	698 172.00	698 172.00	0.00	0.00
37	14	698 172.00	698 172.00	698 172.00	0.00	0.00
37	15	698 172.00	698 172.00	698 172.00	0.00	0.00
37	16	698 172.00	698 172.00	698 172.00	0.00	0.00
37	17	698 172.00	698 172.00	698 172.00	0.00	0.00
37	18	698 172.00	698 172.00	698 172.00	0.00	0.00





37	19	698 172.00	698 172.00	698 172.00	0.00	0.00
37	20	698 172.00	698 172.00	698 172.00	0.00	0.00
37	21	698 172.00	698 172.00	698 172.00	0.00	0.00
37	22	698 172.00	698 172.00	698 172.00	0.00	0.00
37	23	698 172.00	698 172.00	698 172.00	0.00	0.00
37	24	698 172.00	698 172.00	698 172.00	0.00	0.00
38	1	680 259.20	680 361.00	679 991.00	0.00	0.00
38	2	680 203.60	680 361.00	679 852.00	0.00	0.00
38	3	679 988.60	680 300.00	679 663.00	0.00	0.00
38	4	679 757.80	680 024.00	679 456.00	0.00	0.00
38	5	680 333.20	680 361.00	680 222.00	0.00	0.00
38	6	680 259.20	680 361.00	679 991.00	0.00	0.00
38	7	679 892.80	680 329.00	679 473.00	0.00	0.00
38	8	680 057.20	680 361.00	679 758.00	0.00	0.00
38	9	680 184.20	680 361.00	679 986.00	0.00	0.00
38	10	680 202.80	680 361.00	679 991.00	0.00	0.00
38	11	672 437.60	672 777.00	672 108.00	0.00	0.00
38	12	672 397.60	672 777.00	672 108.00	0.00	0.00
38	13	679 972.60	680 361.00	679 676.00	0.00	0.00
38	14	680 028.60	680 361.00	679 662.00	0.00	0.00
38	15	679 738.60	680 045.00	679 272.00	0.00	0.00
38	16	679 767.80	680 020.00	679 509.00	0.00	0.00
38	17	679 852.00	679 852.00	679 852.00	0.00	0.00
38	18	680 222.00	680 222.00	680 222.00	0.00	0.00
38	19	680 361.00	680 361.00	680 361.00	0.00	0.00
38	20	680 361.00	680 361.00	680 361.00	0.00	0.00
38	21	679 852.00	679 852.00	679 852.00	0.00	0.00





38	22	680 056.00	680 056.00	680 056.00	0.00	0.00
38	23	680 222.00	680 222.00	680 222.00	0.00	0.00
38	24	680 361.00	680 361.00	680 361.00	0.00	0.00
39	1	710 601.60	710 839.00	710 118.00	0.00	0.00
39	2	710 551.40	710 843.00	710 118.00	0.00	0.00
39	3	710 192.20	710 492.00	709 946.00	0.00	0.00
39	4	709 905.20	710 575.00	709 123.00	0.00	0.00
39	5	710 787.80	710 839.00	710 711.00	0.00	0.00
39	6	710 669.20	710 843.00	710 118.00	0.00	0.00
39	7	710 203.60	710 709.00	708 996.00	0.00	0.00
39	8	710 138.40	710 448.00	709 641.00	0.00	0.00
39	9	710 486.00	710 839.00	710 044.00	0.00	0.00
39	10	710 696.40	710 843.00	710 118.00	0.00	0.00
39	11	701 134.60	703 881.00	700 266.00	0.00	0.00
39	12	701 025.40	703 881.00	700 266.00	0.00	0.00
39	13	710 593.00	710 839.00	709 943.00	0.00	0.00
39	14	710 760.60	710 839.00	710 707.00	0.00	0.00
39	15	709 454.60	710 341.00	707 168.00	0.00	0.00
39	16	710 092.20	710 789.00	709 087.00	0.00	0.00
39	17	710 711.00	710 711.00	710 711.00	0.00	0.00
39	18	710 843.00	710 843.00	710 843.00	0.00	0.00
39	19	710 843.00	710 843.00	710 843.00	0.00	0.00
39	20	710 843.00	710 843.00	710 843.00	0.00	0.00
39	21	710 118.00	710 118.00	710 118.00	0.00	0.00
39	22	710 843.00	710 843.00	710 843.00	0.00	0.00
39	23	710 574.00	710 574.00	710 574.00	0.00	0.00
39	24	710 843.00	710 843.00	710 843.00	0.00	0.00





40	1	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	2	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	3	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	4	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	5	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	6	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	7	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	8	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	9	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	10	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	11	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	12	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	13	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	14	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	15	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	16	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	17	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	18	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	19	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	20	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	21	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	22	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	23	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
40	24	1 050 012.00	1 050 012.00	1 050 012.00	0.00	0.00
41	1	729 139.20	733 816.00	725 545.00	0.80	0.00
41	2	733 666.60	736 484.00	731 647.00	1.20	0.00
41	3	723 184.60	731 340.00	714 597.00	0.20	0.00





41	4	723 582.40	729 213.00	720 465.00	0.20	0.00
41	5	730 138.40	736 998.00	721 751.00	0.80	0.00
41	6	733 218.40	742 340.00	725 660.00	1.40	0.00
41	7	720 162.60	722 873.00	717 199.00	0.00	0.00
41	8	722 882.80	731 682.00	714 900.00	0.20	0.00
41	9	730 457.60	737 490.00	722 292.00	1.20	0.00
41	10	731 971.20	737 106.00	720 588.00	1.40	0.00
41	11	693 282.00	695 337.00	692 129.00	0.00	0.00
41	12	692 168.20	692 325.00	692 129.00	0.00	0.00
41	13	728 913.80	737 542.00	719 100.00	0.80	0.00
41	14	729 509.80	736 737.00	723 302.00	0.80	0.00
41	15	717 079.60	724 014.00	711 504.00	0.00	0.00
41	16	722 974.00	729 099.00	717 651.00	0.20	0.00
41	17	723 128.00	723 128.00	723 128.00	1.00	0.00
41	18	730 002.00	730 002.00	730 002.00	2.00	0.00
41	19	752 689.00	752 689.00	752 689.00	3.00	4.00
41	20	728 131.00	728 131.00	728 131.00	2.00	0.00
41	21	724 473.00	724 473.00	724 473.00	1.00	0.00
41	22	743 336.00	743 336.00	743 336.00	2.00	2.00
41	23	742 899.00	742 899.00	742 899.00	2.00	2.00
41	24	752 689.00	752 689.00	752 689.00	3.00	4.00
42	1	912 722.40	914 025.00	911 030.00	0.00	0.00
42	2	913 753.20	914 856.00	910 662.00	0.00	0.00
42	3	911 175.20	913 458.00	908 898.00	0.00	0.00
42	4	912 774.20	913 602.00	911 182.00	0.00	0.00
42	5	912 264.40	913 602.00	910 723.00	0.00	0.00
42	6	913 040.20	914 433.00	910 678.00	0.00	0.00





42	7	911 458.00	913 418.00	909 483.00	0.00	0.00
42	8	910 512.00	912 534.00	908 124.00	0.00	0.00
42	9	911 512.80	912 192.00	910 710.00	0.20	0.00
42	10	913 348.20	914 433.00	911 502.00	0.00	0.00
42	11	886 620.20	894 169.00	882 207.00	0.00	0.00
42	12	882 207.00	882 207.00	882 207.00	0.00	0.00
42	13	911 482.00	913 602.00	909 546.00	0.00	0.00
42	14	913 671.00	914 856.00	912 693.00	0.00	0.00
42	15	910 152.60	911 962.00	908 048.00	0.00	0.00
42	16	911 527.80	913 602.00	908 775.00	0.00	0.00
42	17	912 638.00	912 638.00	912 638.00	0.00	0.00
42	18	915 213.00	915 213.00	915 213.00	0.00	0.00
42	19	915 213.00	915 213.00	915 213.00	0.00	0.00
42	20	914 433.00	914 433.00	914 433.00	0.00	0.00
42	21	913 822.00	913 822.00	913 822.00	0.00	0.00
42	22	914 790.00	914 790.00	914 790.00	0.00	0.00
42	23	921 098.00	921 098.00	921 098.00	1.00	1.00
42	24	921 098.00	921 098.00	921 098.00	1.00	1.00
43	1	902 306.00	902 306.00	902 306.00	0.00	0.00
43	2	902 306.00	902 306.00	902 306.00	0.00	0.00
43	3	902 306.00	902 306.00	902 306.00	0.00	0.00
43	4	902 306.00	902 306.00	902 306.00	0.00	0.00
43	5	902 306.00	902 306.00	902 306.00	0.00	0.00
43	6	902 306.00	902 306.00	902 306.00	0.00	0.00
43	7	902 306.00	902 306.00	902 306.00	0.00	0.00
43	8	902 306.00	902 306.00	902 306.00	0.00	0.00
43	9	902 306.00	902 306.00	902 306.00	0.00	0.00





43	10	902 306.00	902 306.00	902 306.00	0.00	0.00
43	11	902 306.00	902 306.00	902 306.00	0.00	0.00
43	12	902 306.00	902 306.00	902 306.00	0.00	0.00
43	13	902 306.00	902 306.00	902 306.00	0.00	0.00
43	14	902 306.00	902 306.00	902 306.00	0.00	0.00
43	15	902 306.00	902 306.00	902 306.00	0.00	0.00
43	16	902 306.00	902 306.00	902 306.00	0.00	0.00
43	17	902 306.00	902 306.00	902 306.00	0.00	0.00
43	18	902 306.00	902 306.00	902 306.00	0.00	0.00
43	19	902 306.00	902 306.00	902 306.00	0.00	0.00
43	20	902 306.00	902 306.00	902 306.00	0.00	0.00
43	21	902 306.00	902 306.00	902 306.00	0.00	0.00
43	22	902 306.00	902 306.00	902 306.00	0.00	0.00
43	23	902 306.00	902 306.00	902 306.00	0.00	0.00
43	24	902 306.00	902 306.00	902 306.00	0.00	0.00
44	1	784 701.40	785 897.00	782 752.00	0.00	0.00
44	2	785 182.40	786 930.00	784 134.00	0.00	0.00
44	3	783 556.00	784 207.00	782 960.00	0.00	0.00
44	4	784 971.60	785 376.00	784 399.00	0.00	0.00
44	5	785 125.80	786 930.00	783 359.00	0.00	0.00
44	6	785 268.40	788 490.00	783 359.00	0.20	0.00
44	7	783 841.80	785 779.00	782 143.00	0.00	0.00
44	8	785 001.20	786 698.00	782 312.00	0.00	0.00
44	9	785 503.40	786 698.00	783 787.00	0.00	0.00
44	10	785 262.20	786 138.00	783 669.00	0.00	0.00
44	11	757 431.80	757 714.00	756 912.00	0.00	0.00
44	12	756 945.20	757 202.00	756 881.00	0.00	0.00





44	13	784 706.80	785 843.00	784 134.00	0.00	0.00
44	14	784 973.40	785 897.00	783 669.00	0.00	0.00
44	15	782 565.00	785 639.00	779 230.00	0.00	0.00
44	16	783 065.00	784 500.00	781 884.00	0.00	0.00
44	17	783 893.00	783 893.00	783 893.00	0.00	0.00
44	18	786 930.00	786 930.00	786 930.00	0.00	0.00
44	19	791 837.00	791 837.00	791 837.00	1.00	1.00
44	20	787 470.00	787 470.00	787 470.00	1.00	0.00
44	21	784 810.00	784 810.00	784 810.00	0.00	0.00
44	22	791 034.00	791 034.00	791 034.00	1.00	1.00
44	23	786 930.00	786 930.00	786 930.00	0.00	0.00
44	24	791 837.00	791 837.00	791 837.00	1.00	1.00
45	1	829 561.20	830 230.00	828 592.00	0.00	0.00
45	2	829 902.40	830 230.00	829 152.00	0.00	0.00
45	3	826 288.60	828 526.00	824 478.00	0.00	0.00
45	4	827 306.20	828 425.00	824 871.00	0.00	0.00
45	5	829 707.00	830 230.00	829 075.00	0.00	0.00
45	6	830 147.00	830 375.00	829 670.00	0.00	0.00
45	7	828 249.60	829 224.00	827 026.00	0.00	0.00
45	8	828 508.20	829 848.00	826 946.00	0.00	0.00
45	9	828 849.60	829 335.00	827 954.00	0.00	0.00
45	10	829 425.40	830 230.00	828 693.00	0.00	0.00
45	11	802 371.40	803 933.00	801 489.00	0.00	0.00
45	12	801 513.00	801 609.00	801 489.00	0.00	0.00
45	13	829 486.60	830 302.00	828 693.00	0.00	0.00
45	14	829 795.60	830 230.00	829 335.00	0.00	0.00
45	15	824 827.60	826 235.00	822 119.00	0.00	0.00





45	16	827 903.40	828 815.00	826 782.00	0.00	0.00
45	17	829 288.00	829 288.00	829 288.00	0.00	0.00
45	18	829 993.00	829 993.00	829 993.00	0.00	0.00
45	19	830 134.00	830 134.00	830 134.00	0.00	0.00
45	20	829 596.00	829 596.00	829 596.00	0.00	0.00
45	21	829 521.00	829 521.00	829 521.00	0.00	0.00
45	22	830 375.00	830 375.00	830 375.00	0.00	0.00
45	23	830 128.00	830 128.00	830 128.00	0.00	0.00
45	24	830 375.00	830 375.00	830 375.00	0.00	0.00
46	1	698 970.00	698 970.00	698 970.00	0.00	0.00
46	2	698 970.00	698 970.00	698 970.00	0.00	0.00
46	3	698 970.00	698 970.00	698 970.00	0.00	0.00
46	4	698 970.00	698 970.00	698 970.00	0.00	0.00
46	5	698 970.00	698 970.00	698 970.00	0.00	0.00
46	6	698 970.00	698 970.00	698 970.00	0.00	0.00
46	7	698 970.00	698 970.00	698 970.00	0.00	0.00
46	8	698 970.00	698 970.00	698 970.00	0.00	0.00
46	9	698 970.00	698 970.00	698 970.00	0.00	0.00
46	10	698 970.00	698 970.00	698 970.00	0.00	0.00
46	11	698 970.00	698 970.00	698 970.00	0.00	0.00
46	12	698 970.00	698 970.00	698 970.00	0.00	0.00
46	13	698 970.00	698 970.00	698 970.00	0.00	0.00
46	14	698 970.00	698 970.00	698 970.00	0.00	0.00
46	15	698 970.00	698 970.00	698 970.00	0.00	0.00
46	16	698 970.00	698 970.00	698 970.00	0.00	0.00
46	17	698 970.00	698 970.00	698 970.00	0.00	0.00
46	18	698 970.00	698 970.00	698 970.00	0.00	0.00



46	19	698 970.00	698 970.00	698 970.00	0.00	0.00
46	20	698 970.00	698 970.00	698 970.00	0.00	0.00
46	21	698 970.00	698 970.00	698 970.00	0.00	0.00
46	22	698 970.00	698 970.00	698 970.00	0.00	0.00
46	23	698 970.00	698 970.00	698 970.00	0.00	0.00
46	24	698 970.00	698 970.00	698 970.00	0.00	0.00
47	1	414 199.40	416 163.00	413 315.00	5.80	0.00
47	2	416 185.60	419 551.00	412 920.00	5.20	0.00
47	3	409 546.40	418 087.00	401 351.00	5.80	0.00
47	4	413 618.60	419 161.00	408 610.00	5.40	0.00
47	5	416 962.40	419 454.00	413 833.00	5.20	0.00
47	6	415 638.60	417 210.00	413 843.00	5.60	0.00
47	7	407 452.20	415 094.00	395 286.00	5.80	0.00
47	8	413 977.80	417 598.00	412 013.00	5.60	0.00
47	9	415 289.80	419 454.00	412 953.00	5.40	0.00
47	10	416 435.20	417 729.00	413 843.00	5.40	0.00
47	11	229 984.00	305 181.00	197 001.00	11.40	0.00
47	12	40 299.40	85 670.00	22 662.00	16.60	0.00
47	13	416 223.80	419 551.00	413 315.00	5.40	0.00
47	14	418 185.20	419 551.00	417 307.00	5.00	0.00
47	15	411 400.60	418 412.00	395 182.00	5.60	0.00
47	16	411 010.00	416 277.00	405 572.00	5.80	0.00
47	17	416 087.00	416 087.00	416 087.00	4.00	6.00
47	18	413 843.00	413 843.00	413 843.00	4.00	6.00
47	19	419 551.00	419 551.00	419 551.00	4.00	5.00
47	20	416 087.00	416 087.00	416 087.00	4.00	6.00
47	21	416 087.00	416 087.00	416 087.00	4.00	6.00





47	22	419 454.00	419 454.00	419 454.00	4.00	5.00
47	23	416 087.00	416 087.00	416 087.00	4.00	6.00
47	24	393 467.00	393 467.00	393 467.00	4.00	6.00
48	1	599 881.40	600 023.00	599 669.00	0.00	0.00
48	2	599 948.60	600 023.00	599 669.00	0.00	0.00
48	3	599 729.40	600 017.00	599 590.00	0.00	0.00
48	4	599 813.00	600 023.00	599 669.00	0.00	0.00
48	5	599 742.20	600 017.00	599 669.00	0.00	0.00
48	6	600 020.60	600 023.00	600 017.00	0.00	0.00
48	7	599 808.00	600 023.00	599 656.00	0.00	0.00
48	8	599 876.80	600 023.00	599 675.00	0.00	0.00
48	9	599 877.80	600 017.00	599 669.00	0.00	0.00
48	10	599 951.00	600 023.00	599 675.00	0.00	0.00
48	11	595 420.80	595 641.00	595 274.00	0.00	0.00
48	12	595 274.00	595 274.00	595 274.00	0.00	0.00
48	13	599 741.00	600 017.00	599 669.00	0.00	0.00
48	14	599 881.40	600 023.00	599 669.00	0.00	0.00
48	15	599 558.20	600 000.00	598 801.00	0.00	0.00
48	16	599 954.00	600 023.00	599 696.00	0.00	0.00
48	17	599 669.00	599 669.00	599 669.00	0.00	0.00
48	18	607 105.00	607 105.00	607 105.00	1.00	0.00
48	19	607 105.00	607 105.00	607 105.00	1.00	0.00
48	20	600 023.00	600 023.00	600 023.00	0.00	0.00
48	21	599 675.00	599 675.00	599 675.00	0.00	0.00
48	22	600 023.00	600 023.00	600 023.00	0.00	0.00
48	23	616 456.00	616 456.00	616 456.00	2.00	1.00
48	24	596 218.00	596 218.00	596 218.00	2.00	1.00





49	1	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	2	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	3	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	4	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	5	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	6	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	7	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	8	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	9	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	10	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	11	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	12	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	13	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	14	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	15	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	16	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	17	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	18	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	19	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	20	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	21	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	22	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	23	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
49	24	1 020 031.00	1 020 031.00	1 020 031.00	0.00	0.00
50	1	716 888.00	717 420.00	714 760.00	5.00	0.00
50	2	715 292.00	717 420.00	714 760.00	5.00	0.00
50	3	704 909.60	717 420.00	688 223.00	5.00	0.00





50	4	709 551.00	717 420.00	696 174.00	5.00	0.00
50	5	716 356.00	717 420.00	714 760.00	5.00	0.00
50	6	716 356.00	717 420.00	714 760.00	5.00	0.00
50	7	701 357.40	717 420.00	678 519.00	5.00	0.00
50	8	702 599.40	717 420.00	670 964.00	4.80	0.00
50	9	715 554.60	717 420.00	713 413.00	5.00	0.00
50	10	715 824.00	717 420.00	714 760.00	5.00	0.00
50	11	367 692.00	465 810.00	286 830.00	10.60	0.00
50	12	71 074.60	93 093.00	47 099.00	17.20	0.00
50	13	716 809.20	717 420.00	714 760.00	5.00	0.00
50	14	716 356.00	717 420.00	714 760.00	5.00	0.00
50	15	694 333.00	714 540.00	649 764.00	5.20	0.00
50	16	695 890.60	712 004.00	683 251.00	5.00	0.00
50	17	717 420.00	717 420.00	717 420.00	4.00	5.00
50	18	717 420.00	717 420.00	717 420.00	4.00	5.00
50	19	717 420.00	717 420.00	717 420.00	4.00	5.00
50	20	717 420.00	717 420.00	717 420.00	4.00	5.00
50	21	717 420.00	717 420.00	717 420.00	4.00	5.00
50	22	717 420.00	717 420.00	717 420.00	4.00	5.00
50	23	717 420.00	717 420.00	717 420.00	4.00	5.00
50	24	717 420.00	717 420.00	717 420.00	4.00	5.00
51	1	791 490.80	812 929.00	777 310.00	0.00	0.00
51	2	836 642.40	878 455.00	822 950.00	0.40	0.00
51	3	789 461.60	800 243.00	777 347.00	0.00	0.00
51	4	785 973.60	815 177.00	759 837.00	0.00	0.00
51	5	807 428.80	837 159.00	782 189.00	0.20	0.00
51	6	836 582.20	878 455.00	826 114.00	0.20	0.00





51	7	777 733.40	787 768.00	763 275.00	0.00	0.00
51	8	783 604.60	807 341.00	765 800.00	0.00	0.00
51	9	793 887.20	825 736.00	774 635.00	0.00	0.00
51	10	810 492.00	826 114.00	779 550.00	0.20	0.00
51	11	712 472.20	717 264.00	710 636.00	0.00	0.00
51	12	710 636.00	710 636.00	710 636.00	0.00	0.00
51	13	807 560.60	837 177.00	776 289.00	0.20	0.00
51	14	808 307.80	826 114.00	779 415.00	0.00	0.00
51	15	741 563.00	773 272.00	722 355.00	0.00	0.00
51	16	757 172.40	775 594.00	722 888.00	0.00	0.00
51	17	778 313.00	778 313.00	778 313.00	1.00	0.00
51	18	880 261.00	880 261.00	880 261.00	2.00	1.00
51	19	880 261.00	880 261.00	880 261.00	2.00	1.00
51	20	880 261.00	880 261.00	880 261.00	2.00	1.00
51	21	880 261.00	880 261.00	880 261.00	2.00	1.00
51	22	880 261.00	880 261.00	880 261.00	2.00	1.00
51	23	880 261.00	880 261.00	880 261.00	2.00	1.00
51	24	880 261.00	880 261.00	880 261.00	2.00	1.00
52	1	929 686.00	929 686.00	929 686.00	0.00	0.00
52	2	929 686.00	929 686.00	929 686.00	0.00	0.00
52	3	929 686.00	929 686.00	929 686.00	0.00	0.00
52	4	929 686.00	929 686.00	929 686.00	0.00	0.00
52	5	929 686.00	929 686.00	929 686.00	0.00	0.00
52	6	929 686.00	929 686.00	929 686.00	0.00	0.00
52	7	929 686.00	929 686.00	929 686.00	0.00	0.00
52	8	929 686.00	929 686.00	929 686.00	0.00	0.00
52	9	929 686.00	929 686.00	929 686.00	0.00	0.00





52	10	929 686.00	929 686.00	929 686.00	0.00	0.00
52	11	929 686.00	929 686.00	929 686.00	0.00	0.00
52	12	929 686.00	929 686.00	929 686.00	0.00	0.00
52	13	929 686.00	929 686.00	929 686.00	0.00	0.00
52	14	929 686.00	929 686.00	929 686.00	0.00	0.00
52	15	929 686.00	929 686.00	929 686.00	0.00	0.00
52	16	929 686.00	929 686.00	929 686.00	0.00	0.00
52	17	929 686.00	929 686.00	929 686.00	0.00	0.00
52	18	929 686.00	929 686.00	929 686.00	0.00	0.00
52	19	929 686.00	929 686.00	929 686.00	0.00	0.00
52	20	929 686.00	929 686.00	929 686.00	0.00	0.00
52	21	929 686.00	929 686.00	929 686.00	0.00	0.00
52	22	929 686.00	929 686.00	929 686.00	0.00	0.00
52	23	929 686.00	929 686.00	929 686.00	0.00	0.00
52	24	929 686.00	929 686.00	929 686.00	0.00	0.00
53	1	641 674.60	643 184.00	640 160.00	5.00	0.00
53	2	645 858.00	646 742.00	643 844.00	5.00	0.00
53	3	637 782.60	646 712.00	626 289.00	5.20	0.00
53	4	634 852.80	644 864.00	629 622.00	5.00	0.00
53	5	642 924.20	646 742.00	641 872.00	5.00	0.00
53	6	644 733.40	646 742.00	642 038.00	5.00	0.00
53	7	634 782.80	645 062.00	628 027.00	5.00	0.00
53	8	633 352.20	640 563.00	621 098.00	5.00	0.00
53	9	643 151.60	646 742.00	631 449.00	5.00	0.00
53	10	641 755.80	646 742.00	623 491.00	5.00	0.00
53	11	289 560.40	337 515.00	248 707.00	13.80	0.00
53	12	52 291.80	103 523.00	10 539.00	15.20	0.00





53	13	643 844.40	646 742.00	638 480.00	5.00	0.00
53	14	646 070.00	646 742.00	645 062.00	5.00	0.00
53	15	612 355.80	625 689.00	607 735.00	5.00	0.00
53	16	627 628.00	642 633.00	607 266.00	5.20	0.00
53	17	640 358.00	640 358.00	640 358.00	4.00	5.00
53	18	646 742.00	646 742.00	646 742.00	4.00	5.00
53	19	646 742.00	646 742.00	646 742.00	4.00	5.00
53	20	646 742.00	646 742.00	646 742.00	4.00	5.00
53	21	646 742.00	646 742.00	646 742.00	4.00	5.00
53	22	646 742.00	646 742.00	646 742.00	4.00	5.00
53	23	646 742.00	646 742.00	646 742.00	4.00	5.00
53	24	646 742.00	646 742.00	646 742.00	4.00	5.00
54	1	805 340.80	810 061.00	801 627.00	1.00	0.00
54	2	816 701.20	819 452.00	810 061.00	1.00	0.00
54	3	764 079.00	772 742.00	752 162.00	1.00	0.00
54	4	768 415.80	777 574.00	759 560.00	0.60	0.00
54	5	804 360.80	815 970.00	787 698.00	1.00	0.00
54	6	812 938.80	818 541.00	810 061.00	1.00	0.00
54	7	766 873.20	785 116.00	736 970.00	0.60	0.00
54	8	783 123.60	804 654.00	765 666.00	1.00	0.00
54	9	787 209.40	796 030.00	773 053.00	1.00	0.00
54	10	820 247.60	844 009.00	810 061.00	1.00	0.00
54	11	720 199.80	721 087.00	719 978.00	0.00	0.00
54	12	719 978.00	719 978.00	719 978.00	0.00	0.00
54	13	782 997.40	793 083.00	773 337.00	1.00	0.00
54	14	814 155.00	822 005.00	810 061.00	1.00	0.00
54	15	756 610.40	772 006.00	733 467.00	0.40	0.00

Founding Members





54	16	762 310.20	775 116.00	751 147.00	0.60	0.00
54	17	810 061.00	810 061.00	810 061.00	1.00	1.00
54	18	830 510.00	830 510.00	830 510.00	1.00	1.00
54	19	831 421.00	831 421.00	831 421.00	1.00	1.00
54	20	863 395.00	863 395.00	863 395.00	2.00	1.00
54	21	863 395.00	863 395.00	863 395.00	2.00	1.00
54	22	863 395.00	863 395.00	863 395.00	2.00	1.00
54	23	863 395.00	863 395.00	863 395.00	2.00	1.00
54	24	863 395.00	863 395.00	863 395.00	2.00	1.00
55	1	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	2	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	3	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	4	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	5	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	6	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	7	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	8	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	9	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	10	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	11	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	12	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	13	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	14	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	15	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	16	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	17	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	18	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00





55	19	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	20	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	21	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	22	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	23	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
55	24	1 407 640.00	1 407 640.00	1 407 640.00	0.00	0.00
56	1	988 799.00	1 006 102.00	968 750.00	13.60	0.00
56	2	1 030 836.80	1 057 299.00	1 003 371.00	11.60	0.00
56	3	894 245.60	918 227.00	865 510.00	15.80	0.00
56	4	897 298.80	926 905.00	865 210.00	15.60	0.00
56	5	1 012 081.00	1 032 076.00	988 435.00	13.20	0.00
56	6	1 043 848.40	1 065 338.00	1 026 719.00	11.00	0.00
56	7	902 494.00	942 989.00	853 035.00	15.00	0.00
56	8	888 972.80	912 755.00	871 503.00	17.60	0.00
56	9	983 794.60	993 157.00	975 633.00	13.60	0.00
56	10	1 017 970.40	1 027 477.00	1 001 419.00	12.20	0.00
56	11	623 139.20	631 067.00	614 385.00	27.00	0.00
56	12	614 385.00	614 385.00	614 385.00	28.00	0.00
56	13	971 242.40	986 267.00	956 320.00	13.20	0.00
56	14	1 026 712.40	1 038 061.00	1 018 398.00	11.20	0.00
56	15	893 659.20	924 558.00	876 268.00	14.80	0.00
56	16	889 981.40	906 025.00	876 601.00	17.40	0.00
56	17	1 087 140.00	1 087 140.00	1 087 140.00	7.00	10.00
56	18	1 116 435.00	1 116 435.00	1 116 435.00	6.00	8.00
56	19	1 118 810.00	1 118 810.00	1 118 810.00	6.00	8.00
56	20	1 112 961.00	1 112 961.00	1 112 961.00	6.00	9.00
56	21	1 103 843.00	1 103 843.00	1 103 843.00	6.00	10.00





56	22	1 103 333.00	1 103 333.00	1 103 333.00	7.00	9.00
56	23	1 110 885.00	1 110 885.00	1 110 885.00	7.00	8.00
56	24	1 098 675.00	1 098 675.00	1 098 675.00	6.00	8.00
57	1	1 335 614.80	1 339 034.00	1 332 311.00	1.00	0.00
57	2	1 337 864.80	1 339 817.00	1 334 886.00	1.00	0.00
57	3	1 331 147.80	1 333 324.00	1 329 417.00	1.00	0.00
57	4	1 331 606.00	1 332 526.00	1 330 677.00	1.00	0.00
57	5	1 335 411.00	1 336 800.00	1 334 288.00	1.00	0.00
57	6	1 338 399.00	1 339 931.00	1 336 937.00	1.00	0.00
57	7	1 330 203.80	1 332 084.00	1 328 612.00	1.00	0.00
57	8	1 330 314.20	1 333 784.00	1 327 737.00	1.00	0.00
57	9	1 334 473.40	1 338 172.00	1 332 480.00	1.00	0.00
57	10	1 336 398.00	1 339 414.00	1 333 853.00	1.00	0.00
57	11	1 327 164.60	1 327 658.00	1 326 849.00	1.00	0.00
57	12	1 326 849.00	1 326 849.00	1 326 849.00	1.00	0.00
57	13	1 333 560.00	1 334 778.00	1 331 264.00	1.00	0.00
57	14	1 337 116.40	1 339 404.00	1 333 239.00	1.00	0.00
57	15	1 329 020.40	1 331 110.00	1 327 437.00	1.00	0.00
57	16	1 329 904.20	1 330 619.00	1 328 908.00	1.00	0.00
57	17	1 348 620.00	1 348 620.00	1 348 620.00	1.00	1.00
57	18	1 348 620.00	1 348 620.00	1 348 620.00	1.00	1.00
57	19	1 348 600.00	1 348 600.00	1 348 600.00	1.00	1.00
57	20	1 348 620.00	1 348 620.00	1 348 620.00	1.00	1.00
57	21	1 348 620.00	1 348 620.00	1 348 620.00	1.00	1.00
57	22	1 348 620.00	1 348 620.00	1 348 620.00	1.00	1.00
57	23	1 347 419.00	1 347 419.00	1 347 419.00	1.00	1.00
57	24	1 319 906.00	1 319 906.00	1 319 906.00	1.00	1.00





58	1	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	2	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	3	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	4	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	5	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	6	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	7	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	8	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	9	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	10	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	11	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	12	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	13	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	14	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	15	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	16	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	17	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	18	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	19	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	20	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	21	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	22	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	23	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
58	24	2 078 352.00	2 078 352.00	2 078 352.00	0.00	0.00
59	1	905 130.20	915 102.00	899 691.00	14.00	0.00
59	2	919 295.40	923 836.00	915 995.00	14.00	0.00
59	3	848 190.00	859 117.00	842 680.00	15.40	0.00



59	4	853 088.40	859 072.00	842 908.00	15.00	0.00
59	5	904 532.60	911 866.00	897 675.00	14.20	0.00
59	6	916 814.80	918 494.00	914 809.00	12.80	0.00
59	7	848 271.00	853 968.00	841 256.00	15.40	0.00
59	8	847 596.80	859 728.00	842 305.00	15.20	0.00
59	9	894 708.00	903 574.00	888 832.00	14.60	0.00
59	10	914 852.40	918 596.00	909 602.00	13.80	0.00
59	11	519 358.80	563 285.00	447 621.00	23.40	0.00
59	12	334 222.60	366 266.00	310 782.00	27.80	0.00
59	13	897 345.00	907 481.00	890 706.00	13.40	0.00
59	14	923 089.80	929 411.00	914 494.00	14.00	0.00
59	15	841 230.80	851 059.00	822 306.00	15.60	0.00
59	16	838 206.80	857 639.00	824 513.00	15.60	0.00
59	17	946 591.00	946 591.00	946 591.00	11.00	12.00
59	18	949 420.00	949 420.00	949 420.00	12.00	13.00
59	19	953 061.00	953 061.00	953 061.00	12.00	13.00
59	20	951 175.00	951 175.00	951 175.00	12.00	13.00
59	21	948 416.00	948 416.00	948 416.00	13.00	13.00
59	22	953 253.00	953 253.00	953 253.00	12.00	13.00
59	23	948 650.00	948 650.00	948 650.00	12.00	14.00
59	24	953 959.00	953 959.00	953 959.00	12.00	12.00
60	1	1 362 921.00	1 366 682.00	1 359 265.00	1.40	0.00
60	2	1 375 953.80	1 391 023.00	1 362 447.00	1.40	0.00
60	3	1 347 950.80	1 354 665.00	1 340 045.00	1.00	0.00
60	4	1 351 908.00	1 357 449.00	1 347 152.00	1.00	0.00
60	5	1 362 409.80	1 365 045.00	1 360 277.00	1.40	0.00
60	6	1 371 343.60	1 384 956.00	1 361 312.00	1.40	0.00





60	7	1 346 892.20	1 349 860.00	1 343 435.00	1.00	0.00
60	8	1 351 716.20	1 357 489.00	1 348 239.00	1.00	0.00
60	9	1 359 777.80	1 363 031.00	1 353 077.00	1.00	0.00
60	10	1 369 026.40	1 374 127.00	1 364 473.00	1.40	0.00
60	11	1 337 758.60	1 338 109.00	1 337 671.00	1.00	0.00
60	12	1 337 671.00	1 337 671.00	1 337 671.00	1.00	0.00
60	13	1 359 516.80	1 362 387.00	1 356 460.00	1.20	0.00
60	14	1 369 930.20	1 380 139.00	1 362 438.00	1.80	0.00
60	15	1 346 949.00	1 352 498.00	1 339 395.00	1.20	0.00
60	16	1 347 286.20	1 352 978.00	1 341 128.00	1.00	0.00
60	17	1 402 820.00	1 402 820.00	1 402 820.00	5.00	1.00
60	18	1 406 298.00	1 406 298.00	1 406 298.00	4.00	2.00
60	19	1 433 354.00	1 433 354.00	1 433 354.00	7.00	6.00
60	20	1 432 851.00	1 432 851.00	1 432 851.00	6.00	6.00
60	21	1 434 040.00	1 434 040.00	1 434 040.00	7.00	6.00
60	22	1 433 323.00	1 433 323.00	1 433 323.00	7.00	6.00
60	23	1 419 817.00	1 419 817.00	1 419 817.00	4.00	4.00
60	24	1 435 274.00	1 435 274.00	1 435 274.00	8.00	7.00
61	1	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	2	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	3	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	4	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	5	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	6	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	7	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	8	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	9	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00





61	10	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	11	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	12	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	13	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	14	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	15	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	16	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	17	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	18	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	19	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	20	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	21	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	22	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	23	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
61	24	1 768 596.00	1 768 596.00	1 768 596.00	0.00	0.00
62	1	1 172 541.40	1 188 827.00	1 155 979.00	13.00	0.00
62	2	1 211 274.20	1 216 266.00	1 204 934.00	12.80	0.00
62	3	1 064 001.20	1 100 207.00	1 038 517.00	15.40	0.00
62	4	1 045 645.00	1 071 615.00	1 027 590.00	15.00	0.00
62	5	1 166 668.40	1 191 950.00	1 123 867.00	13.60	0.00
62	6	1 213 488.60	1 226 891.00	1 201 705.00	11.80	0.00
62	7	1 076 582.60	1 095 713.00	1 058 977.00	15.00	0.00
62	8	1 019 616.00	1 042 031.00	988 582.00	16.80	0.00
62	9	1 157 893.40	1 179 220.00	1 130 427.00	13.60	0.00
62	10	1 179 092.20	1 200 695.00	1 170 069.00	13.20	0.00
62	11	579 623.80	682 410.00	501 635.00	25.20	0.00
62	12	492 608.60	506 845.00	488 066.00	27.80	0.00





62	13	1 147 875.60	1 161 014.00	1 126 708.00	13.40	0.00
62	14	1 195 547.40	1 219 770.00	1 178 558.00	12.00	0.00
62	15	1 022 760.00	1 087 217.00	977 075.00	16.20	0.00
62	16	1 027 781.40	1 060 064.00	969 785.00	16.40	0.00
62	17	1 229 431.00	1 229 431.00	1 229 431.00	11.00	11.00
62	18	1 253 161.00	1 253 161.00	1 253 161.00	9.00	11.00
62	19	1 254 917.00	1 254 917.00	1 254 917.00	9.00	10.00
62	20	1 244 513.00	1 244 513.00	1 244 513.00	10.00	11.00
62	21	1 252 607.00	1 252 607.00	1 252 607.00	9.00	11.00
62	22	1 245 010.00	1 245 010.00	1 245 010.00	9.00	11.00
62	23	1 251 457.00	1 251 457.00	1 251 457.00	9.00	11.00
62	24	1 268 140.00	1 268 140.00	1 268 140.00	7.00	10.00
63	1	1 465 735.00	1 471 620.00	1 458 559.00	1.00	0.00
63	2	1 483 949.80	1 488 745.00	1 478 908.00	1.00	0.00
63	3	1 446 568.40	1 450 879.00	1 443 120.00	1.00	0.00
63	4	1 450 864.40	1 454 149.00	1 446 834.00	1.00	0.00
63	5	1 468 783.80	1 478 811.00	1 460 444.00	1.00	0.00
63	6	1 480 688.40	1 487 278.00	1 474 769.00	1.00	0.00
63	7	1 448 920.20	1 454 681.00	1 440 311.00	1.00	0.00
63	8	1 443 584.60	1 445 612.00	1 441 937.00	1.00	0.00
63	9	1 462 321.20	1 466 237.00	1 457 748.00	1.00	0.00
63	10	1 474 087.60	1 479 127.00	1 468 088.00	1.00	0.00
63	11	1 435 326.40	1 438 980.00	1 434 322.00	1.00	0.00
63	12	1 434 322.00	1 434 322.00	1 434 322.00	1.00	0.00
63	13	1 463 093.40	1 470 024.00	1 454 003.00	1.00	0.00
63	14	1 475 418.20	1 484 456.00	1 464 164.00	1.00	0.00
63	15	1 448 872.40	1 451 536.00	1 443 161.00	1.00	0.00

Founding Members





63	16	1 449 152.60	1 460 744.00	1 441 270.00	1.00	0.00
63	17	1 514 875.00	1 514 875.00	1 514 875.00	2.00	1.00
63	18	1 511 661.00	1 511 661.00	1 511 661.00	1.00	1.00
63	19	1 515 044.00	1 515 044.00	1 515 044.00	2.00	1.00
63	20	1 520 908.00	1 520 908.00	1 520 908.00	3.00	3.00
63	21	1 521 618.00	1 521 618.00	1 521 618.00	3.00	3.00
63	22	1 521 304.00	1 521 304.00	1 521 304.00	2.00	3.00
63	23	1 509 817.00	1 509 817.00	1 509 817.00	1.00	1.00
63	24	1 522 679.00	1 522 679.00	1 522 679.00	3.00	3.00
64	1	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	2	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	3	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	4	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	5	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	6	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	7	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	8	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	9	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	10	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	11	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	12	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	13	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	14	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	15	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	16	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	17	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	18	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00





64	19	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	20	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	21	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	22	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	23	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
64	24	1 435 041.00	1 435 041.00	1 435 041.00	0.00	0.00
65	1	637 056.20	661 193.00	610 242.00	19.80	0.00
65	2	662 874.00	665 395.00	655 032.00	18.20	0.00
65	3	538 036.40	581 094.00	513 752.00	21.60	0.00
65	4	555 852.00	613 651.00	524 624.00	21.00	0.00
65	5	650 519.00	657 459.00	627 047.00	19.20	0.00
65	6	663 730.60	679 699.00	648 729.00	18.60	0.00
65	7	560 330.40	585 599.00	541 692.00	21.60	0.00
65	8	538 579.20	573 604.00	507 041.00	22.40	0.00
65	9	631 152.60	651 874.00	603 027.00	19.00	0.00
65	10	653 856.40	665 393.00	643 108.00	18.80	0.00
65	11	136 370.00	171 297.00	101 004.00	33.40	0.00
65	12	103 244.00	121 838.00	94 848.00	38.00	0.00
65	13	633 914.60	651 768.00	617 818.00	19.60	0.00
65	14	675 407.60	687 480.00	654 114.00	17.40	0.00
65	15	531 609.20	555 297.00	502 162.00	21.60	0.00
65	16	527 891.20	552 920.00	493 995.00	21.00	0.00
65	17	688 627.00	688 627.00	688 627.00	16.00	18.00
65	18	698 915.00	698 915.00	698 915.00	16.00	18.00
65	19	709 128.00	709 128.00	709 128.00	14.00	17.00
65	20	689 266.00	689 266.00	689 266.00	16.00	17.00
65	21	701 044.00	701 044.00	701 044.00	16.00	17.00





65	22	708 661.00	708 661.00	708 661.00	14.00	18.00
65	23	704 789.00	704 789.00	704 789.00	15.00	17.00
65	24	713 417.00	713 417.00	713 417.00	14.00	14.00
66	1	937 922.60	977 089.00	903 945.00	10.20	0.00
66	2	985 134.60	1 008 132.00	969 319.00	9.20	0.00
66	3	816 789.60	854 266.00	777 346.00	15.20	0.00
66	4	831 786.40	876 661.00	803 190.00	14.60	0.00
66	5	937 157.40	953 365.00	929 339.00	10.60	0.00
66	6	993 427.00	1 009 503.00	978 003.00	8.80	0.00
66	7	824 955.40	843 036.00	779 229.00	16.60	0.00
66	8	821 965.80	840 937.00	794 911.00	16.00	0.00
66	9	907 871.80	932 461.00	875 269.00	11.80	0.00
66	10	969 308.40	988 271.00	948 905.00	10.00	0.00
66	11	598 850.00	616 666.00	578 589.00	25.60	0.00
66	12	578 589.00	578 589.00	578 589.00	28.00	0.00
66	13	928 731.80	944 579.00	906 091.00	10.60	0.00
66	14	980 854.40	1 005 456.00	962 580.00	8.60	0.00
66	15	822 639.80	843 866.00	789 484.00	15.00	0.00
66	16	808 571.80	833 126.00	765 653.00	14.80	0.00
66	17	1 061 805.00	1 061 805.00	1 061 805.00	6.00	6.00
66	18	1 056 607.00	1 056 607.00	1 056 607.00	6.00	6.00
66	19	1 044 912.00	1 044 912.00	1 044 912.00	7.00	7.00
66	20	1 054 116.00	1 054 116.00	1 054 116.00	7.00	6.00
66	21	1 054 116.00	1 054 116.00	1 054 116.00	7.00	6.00
66	22	1 054 071.00	1 054 071.00	1 054 071.00	7.00	6.00
66	23	1 046 886.00	1 046 886.00	1 046 886.00	7.00	6.00
66	24	1 016 394.00	1 016 394.00	1 016 394.00	6.00	6.00





67	1	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	2	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	3	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	4	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	5	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	6	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	7	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	8	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	9	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	10	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	11	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	12	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	13	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	14	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	15	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	16	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	17	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	18	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	19	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	20	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	21	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	22	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	23	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
67	24	2 027 720.00	2 027 720.00	2 027 720.00	0.00	0.00
68	1	826 919.80	834 596.00	821 992.00	18.20	0.00
68	2	856 807.60	863 181.00	847 845.00	17.60	0.00
68	3	749 814.00	765 983.00	737 263.00	19.20	0.00



68	4	755 216.20	768 265.00	744 522.00	18.80	0.00
68	5	829 947.00	841 792.00	821 472.00	18.00	0.00
68	6	855 043.80	865 376.00	847 247.00	17.20	0.00
68	7	770 155.20	785 062.00	753 989.00	19.20	0.00
68	8	745 064.20	777 192.00	704 851.00	19.20	0.00
68	9	819 291.20	830 406.00	805 357.00	19.00	0.00
68	10	849 092.00	862 617.00	839 538.00	17.80	0.00
68	11	337 317.00	390 323.00	278 935.00	28.80	0.00
68	12	28 219.00	77 863.00	-4 814.00	36.80	0.00
68	13	821 313.60	831 234.00	808 234.00	19.00	0.00
68	14	857 419.40	864 915.00	850 399.00	17.80	0.00
68	15	746 198.60	754 302.00	735 399.00	19.60	0.00
68	16	731 566.20	760 305.00	713 270.00	20.00	0.00
68	17	897 745.00	897 745.00	897 745.00	16.00	18.00
68	18	897 237.00	897 237.00	897 237.00	16.00	18.00
68	19	899 253.00	899 253.00	899 253.00	17.00	17.00
68	20	898 335.00	898 335.00	898 335.00	17.00	18.00
68	21	897 770.00	897 770.00	897 770.00	17.00	18.00
68	22	896 768.00	896 768.00	896 768.00	17.00	17.00
68	23	897 506.00	897 506.00	897 506.00	17.00	18.00
68	24	899 590.00	899 590.00	899 590.00	16.00	17.00
69	1	1 277 671.60	1 305 458.00	1 257 119.00	9.20	0.00
69	2	1 316 943.40	1 324 185.00	1 313 519.00	8.80	0.00
69	3	1 109 319.00	1 127 714.00	1 069 544.00	15.00	0.00
69	4	1 150 702.00	1 225 511.00	1 090 442.00	12.00	0.00
69	5	1 282 579.00	1 300 377.00	1 251 470.00	10.40	0.00
69	6	1 304 515.60	1 314 045.00	1 297 612.00	9.60	0.00





69	7	1 167 840.20	1 207 578.00	1 143 834.00	11.60	0.00
69	8	1 156 852.60	1 210 586.00	1 109 339.00	12.80	0.00
69	9	1 260 545.60	1 285 769.00	1 234 172.00	10.40	0.00
69	10	1 288 215.40	1 309 384.00	1 275 396.00	9.20	0.00
69	11	595 151.60	608 241.00	584 613.00	26.80	0.00
69	12	562 940.80	573 872.00	560 208.00	28.00	0.00
69	13	1 238 607.00	1 266 437.00	1 214 797.00	11.20	0.00
69	14	1 297 450.80	1 314 762.00	1 275 088.00	9.60	0.00
69	15	1 113 830.60	1 148 812.00	1 076 891.00	13.00	0.00
69	16	1 118 938.40	1 143 301.00	1 091 628.00	13.20	0.00
69	17	1 361 819.00	1 361 819.00	1 361 819.00	9.00	9.00
69	18	1 360 534.00	1 360 534.00	1 360 534.00	9.00	9.00
69	19	1 363 527.00	1 363 527.00	1 363 527.00	9.00	9.00
69	20	1 367 252.00	1 367 252.00	1 367 252.00	9.00	10.00
69	21	1 373 566.00	1 373 566.00	1 373 566.00	10.00	10.00
69	22	1 356 910.00	1 356 910.00	1 356 910.00	9.00	8.00
69	23	1 360 423.00	1 360 423.00	1 360 423.00	9.00	9.00
69	24	1 373 836.00	1 373 836.00	1 373 836.00	10.00	10.00
70	1	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	2	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	3	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	4	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	5	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	6	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	7	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	8	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	9	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00





70	10	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	11	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	12	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	13	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	14	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	15	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	16	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	17	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	18	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	19	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	20	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	21	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	22	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	23	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
70	24	1 897 876.00	1 897 876.00	1 897 876.00	0.00	0.00
71	1	899 028.00	917 355.00	880 708.00	17.80	0.00
71	2	939 009.40	950 884.00	933 247.00	17.80	0.00
71	3	771 653.20	811 832.00	736 994.00	20.20	0.00
71	4	734 151.00	759 124.00	706 913.00	20.20	0.00
71	5	891 146.40	910 027.00	855 485.00	17.60	0.00
71	6	945 272.00	953 596.00	936 969.00	17.40	0.00
71	7	753 724.40	797 968.00	697 885.00	20.00	0.00
71	8	722 685.60	774 218.00	683 079.00	21.40	0.00
71	9	862 095.40	882 854.00	842 830.00	18.80	0.00
71	10	918 081.20	936 476.00	900 023.00	17.60	0.00
71	11	187 457.80	247 967.00	120 118.00	29.20	0.00
71	12	3 068.20	47 777.00	-22 160.00	35.60	0.00





71	13	878 850.80	907 592.00	859 784.00	18.20	0.00
71	14	928 468.20	943 573.00	909 705.00	17.80	0.00
71	15	752 670.80	784 302.00	730 390.00	20.00	0.00
71	16	745 781.80	791 213.00	687 086.00	20.60	0.00
71	17	986 400.00	986 400.00	986 400.00	16.00	17.00
71	18	990 199.00	990 199.00	990 199.00	16.00	17.00
71	19	998 850.00	998 850.00	998 850.00	14.00	17.00
71	20	996 990.00	996 990.00	996 990.00	14.00	16.00
71	21	991 067.00	991 067.00	991 067.00	15.00	17.00
71	22	991 269.00	991 269.00	991 269.00	15.00	18.00
71	23	989 250.00	989 250.00	989 250.00	15.00	17.00
71	24	1 003 233.00	1 003 233.00	1 003 233.00	14.00	15.00
72	1	1 339 460.20	1 373 916.00	1 304 979.00	9.40	0.00
72	2	1 397 306.60	1 419 376.00	1 363 786.00	9.20	0.00
72	3	1 183 313.00	1 222 960.00	1 143 922.00	13.20	0.00
72	4	1 183 096.20	1 201 291.00	1 151 002.00	13.00	0.00
72	5	1 364 556.40	1 377 799.00	1 347 234.00	9.40	0.00
72	6	1 417 548.00	1 434 521.00	1 395 725.00	8.40	0.00
72	7	1 188 173.40	1 248 859.00	1 121 534.00	12.20	0.00
72	8	1 135 398.40	1 163 103.00	1 091 826.00	14.60	0.00
72	9	1 310 283.00	1 341 615.00	1 301 630.00	10.60	0.00
72	10	1 380 226.60	1 402 289.00	1 354 506.00	9.80	0.00
72	11	665 791.60	681 321.00	651 145.00	27.00	0.00
72	12	637 763.40	648 711.00	633 684.00	26.60	0.00
72	13	1 308 050.80	1 349 451.00	1 275 217.00	10.60	0.00
72	14	1 389 434.60	1 413 700.00	1 373 069.00	9.40	0.00
72	15	1 145 839.00	1 180 224.00	1 062 713.00	15.00	0.00





72	16	1 140 716.60	1 175 521.00	1 125 206.00	12.80	0.00
72	17	1 474 305.00	1 474 305.00	1 474 305.00	8.00	10.00
72	18	1 483 721.00	1 483 721.00	1 483 721.00	8.00	8.00
72	19	1 473 819.00	1 473 819.00	1 473 819.00	7.00	9.00
72	20	1 479 119.00	1 479 119.00	1 479 119.00	7.00	9.00
72	21	1 484 836.00	1 484 836.00	1 484 836.00	8.00	8.00
72	22	1 481 061.00	1 481 061.00	1 481 061.00	8.00	9.00
72	23	1 473 798.00	1 473 798.00	1 473 798.00	9.00	7.00
72	24	1 486 171.00	1 486 171.00	1 486 171.00	7.00	8.00
73	1	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	2	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	3	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	4	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	5	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	6	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	7	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	8	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	9	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	10	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	11	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	12	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	13	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	14	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	15	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	16	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	17	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	18	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00



73	19	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	20	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	21	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	22	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	23	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
73	24	1 409 665.00	1 409 665.00	1 409 665.00	0.00	0.00
74	1	291 466.60	319 497.00	265 812.00	25.20	0.00
74	2	372 737.60	397 614.00	360 919.00	23.00	0.00
74	3	163 017.80	218 785.00	111 990.00	29.60	0.00
74	4	168 505.40	214 711.00	127 462.00	29.40	0.00
74	5	315 394.60	349 605.00	286 681.00	24.80	0.00
74	6	356 792.00	378 725.00	345 382.00	24.00	0.00
74	7	171 087.80	197 225.00	105 617.00	28.60	0.00
74	8	144 888.20	160 596.00	122 112.00	30.20	0.00
74	9	263 679.60	290 412.00	253 083.00	26.40	0.00
74	10	343 093.00	388 689.00	307 393.00	24.20	0.00
74	11	-292 828.20	-1.00	-341 374.00	37.60	0.00
74	12	-416 376.80	-1.00	-418 756.00	45.40	0.00
74	13	293 953.40	329 702.00	274 893.00	24.80	0.00
74	14	365 739.80	376 018.00	354 271.00	23.80	0.00
74	15	126 510.00	151 309.00	74 396.00	28.80	0.00
74	16	135 531.80	178 441.00	110 134.00	28.80	0.00
74	17	434 955.00	434 955.00	434 955.00	20.00	23.00
74	18	432 128.00	432 128.00	432 128.00	20.00	23.00
74	19	442 723.00	442 723.00	442 723.00	19.00	22.00
74	20	440 182.00	440 182.00	440 182.00	20.00	23.00
74	21	442 899.00	442 899.00	442 899.00	19.00	22.00





74	22	441 069.00	441 069.00	441 069.00	19.00	23.00
74	23	431 115.00	431 115.00	431 115.00	20.00	23.00
74	24	421 911.00	421 911.00	421 911.00	18.00	21.00
75	1	636 965.80	655 495.00	608 661.00	18.80	0.00
75	2	709 782.40	728 147.00	660 399.00	16.80	0.00
75	3	471 525.60	540 251.00	402 740.00	22.80	0.00
75	4	461 208.40	487 421.00	419 402.00	22.40	0.00
75	5	642 789.80	681 559.00	610 379.00	18.00	0.00
75	6	710 771.80	746 844.00	675 167.00	16.00	0.00
75	7	482 922.20	525 509.00	442 415.00	22.00	0.00
75	8	461 943.20	490 314.00	420 837.00	24.20	0.00
75	9	600 527.40	617 446.00	577 412.00	19.00	0.00
75	10	667 376.00	702 292.00	638 003.00	17.60	0.00
75	11	56 512.60	68 607.00	50 060.00	36.00	0.00
75	12	52 082.00	57 272.00	50 060.00	36.40	0.00
75	13	595 920.80	626 171.00	543 644.00	18.80	0.00
75	14	707 689.20	725 154.00	686 704.00	15.20	0.00
75	15	448 474.00	512 288.00	358 919.00	23.20	0.00
75	16	411 031.00	443 079.00	351 217.00	25.00	0.00
75	17	851 340.00	851 340.00	851 340.00	11.00	11.00
75	18	837 268.00	837 268.00	837 268.00	12.00	12.00
75	19	851 303.00	851 303.00	851 303.00	11.00	11.00
75	20	850 670.00	850 670.00	850 670.00	12.00	11.00
75	21	851 340.00	851 340.00	851 340.00	11.00	11.00
75	22	851 340.00	851 340.00	851 340.00	11.00	11.00
75	23	844 863.00	844 863.00	844 863.00	12.00	11.00
75	24	851 340.00	851 340.00	851 340.00	11.00	11.00





76	1	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	2	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	3	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	4	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	5	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	6	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	7	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	8	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	9	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	10	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	11	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	12	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	13	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	14	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	15	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	16	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	17	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	18	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	19	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	20	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	21	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	22	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	23	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
76	24	2 018 730.00	2 018 730.00	2 018 730.00	0.00	0.00
77	1	709 344.00	765 877.00	619 012.00	21.20	0.00
77	2	775 581.20	803 650.00	748 958.00	20.40	0.00
77	3	559 288.40	599 562.00	484 100.00	24.60	0.00





77	4	506 580.60	599 185.00	448 971.00	26.20	0.00
77	5	708 155.40	762 948.00	660 212.00	22.00	0.00
77	6	795 693.00	818 106.00	783 966.00	19.80	0.00
77	7	555 354.00	612 234.00	465 699.00	25.00	0.00
77	8	521 666.80	570 672.00	493 134.00	26.60	0.00
77	9	671 381.00	710 317.00	646 067.00	23.20	0.00
77	10	753 442.80	765 186.00	741 969.00	21.40	0.00
77	11	5 380.40	69 101.00	-67 041.00	37.60	0.00
77	12	-279 135.20	-1.00	-312 290.00	41.40	0.00
77	13	698 721.40	725 896.00	647 196.00	21.80	0.00
77	14	764 152.60	777 451.00	758 626.00	20.80	0.00
77	15	506 092.40	554 024.00	456 296.00	26.20	0.00
77	16	517 215.80	550 486.00	438 126.00	26.80	0.00
77	17	877 309.00	877 309.00	877 309.00	18.00	20.00
77	18	876 963.00	876 963.00	876 963.00	18.00	20.00
77	19	877 328.00	877 328.00	877 328.00	18.00	20.00
77	20	877 386.00	877 386.00	877 386.00	18.00	20.00
77	21	877 481.00	877 481.00	877 481.00	18.00	20.00
77	22	877 386.00	877 386.00	877 386.00	18.00	20.00
77	23	877 342.00	877 342.00	877 342.00	18.00	20.00
77	24	877 481.00	877 481.00	877 481.00	18.00	20.00
78	1	1 103 295.60	1 184 726.00	1 044 980.00	15.40	0.00
78	2	1 217 153.80	1 247 358.00	1 187 653.00	13.20	0.00
78	3	874 193.60	897 507.00	841 059.00	22.00	0.00
78	4	885 477.80	922 378.00	844 802.00	20.80	0.00
78	5	1 108 218.80	1 210 637.00	1 045 692.00	16.20	0.00
78	6	1 193 425.20	1 224 718.00	1 163 101.00	13.80	0.00





78	7	922 729.40	957 878.00	884 006.00	20.80	0.00
78	8	839 251.80	932 241.00	787 180.00	21.20	0.00
78	9	1 030 359.60	1 062 849.00	997 201.00	17.80	0.00
78	10	1 148 955.60	1 179 292.00	1 093 964.00	14.00	0.00
78	11	303 239.20	333 012.00	273 331.00	33.20	0.00
78	12	244 055.80	262 167.00	239 528.00	37.00	0.00
78	13	1 039 034.80	1 082 939.00	1 004 264.00	17.80	0.00
78	14	1 184 804.40	1 205 221.00	1 161 076.00	14.80	0.00
78	15	810 310.60	846 022.00	759 607.00	22.40	0.00
78	16	836 615.20	922 156.00	754 891.00	21.00	0.00
78	17	1 387 232.00	1 387 232.00	1 387 232.00	11.00	11.00
78	18	1 387 218.00	1 387 218.00	1 387 218.00	11.00	11.00
78	19	1 387 134.00	1 387 134.00	1 387 134.00	11.00	11.00
78	20	1 387 232.00	1 387 232.00	1 387 232.00	11.00	11.00
78	21	1 387 232.00	1 387 232.00	1 387 232.00	11.00	11.00
78	22	1 387 232.00	1 387 232.00	1 387 232.00	11.00	11.00
78	23	1 387 209.00	1 387 209.00	1 387 209.00	11.00	11.00
78	24	1 387 232.00	1 387 232.00	1 387 232.00	11.00	11.00
79	1	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	2	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	3	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	4	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	5	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	6	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	7	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	8	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	9	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00



79	10	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	11	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	12	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	13	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	14	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	15	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	16	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	17	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	18	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	19	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	20	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	21	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	22	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	23	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
79	24	1 760 133.00	1 760 133.00	1 760 133.00	0.00	0.00
80	1	670 111.00	712 115.00	648 383.00	23.00	0.00
80	2	788 945.80	816 245.00	752 760.00	20.80	0.00
80	3	500 300.80	527 238.00	451 976.00	26.40	0.00
80	4	457 057.00	528 505.00	427 434.00	27.00	0.00
80	5	700 762.60	720 421.00	670 754.00	22.20	0.00
80	6	769 894.00	788 718.00	761 354.00	21.40	0.00
80	7	469 584.60	524 701.00	394 801.00	26.80	0.00
80	8	420 486.60	442 724.00	376 400.00	28.60	0.00
80	9	636 611.20	680 744.00	588 911.00	23.00	0.00
80	10	751 965.40	802 323.00	724 322.00	21.80	0.00
80	11	-187 179.60	-1.00	-260 718.00	40.20	0.00
80	12	-423 289.80	-1.00	-436 261.00	45.20	0.00





80	13	644 651.00	675 737.00	602 038.00	22.80	0.00
80	14	725 504.40	757 894.00	688 626.00	21.40	0.00
80	15	409 920.40	440 755.00	378 420.00	27.20	0.00
80	16	412 931.40	431 928.00	360 533.00	28.80	0.00
80	17	901 330.00	901 330.00	901 330.00	18.00	19.00
80	18	904 715.00	904 715.00	904 715.00	18.00	20.00
80	19	906 222.00	906 222.00	906 222.00	18.00	20.00
80	20	901 289.00	901 289.00	901 289.00	18.00	20.00
80	21	904 051.00	904 051.00	904 051.00	18.00	20.00
80	22	901 324.00	901 324.00	901 324.00	18.00	20.00
80	23	900 824.00	900 824.00	900 824.00	18.00	20.00
80	24	906 427.00	906 427.00	906 427.00	18.00	20.00
81	1	998 815.80	1 045 988.00	975 911.00	16.80	0.00
81	2	1 110 370.00	1 140 499.00	1 062 342.00	14.60	0.00
81	3	818 897.00	859 619.00	780 440.00	21.40	0.00
81	4	804 939.20	825 637.00	774 651.00	20.80	0.00
81	5	1 004 417.00	1 075 147.00	969 472.00	17.80	0.00
81	6	1 094 617.00	1 124 343.00	1 082 247.00	15.20	0.00
81	7	807 394.80	834 701.00	773 734.00	20.20	0.00
81	8	776 108.20	808 006.00	745 439.00	22.00	0.00
81	9	957 950.00	998 575.00	924 874.00	17.80	0.00
81	10	1 047 365.20	1 073 548.00	1 011 456.00	16.60	0.00
81	11	245 204.00	281 090.00	234 174.00	37.00	0.00
81	12	236 824.20	247 425.00	234 174.00	36.80	0.00
81	13	964 115.80	1 056 874.00	919 093.00	19.00	0.00
81	14	1 088 133.20	1 124 037.00	1 054 058.00	15.00	0.00
81	15	754 356.40	781 793.00	735 344.00	22.60	0.00





81	16	735 243.20	789 153.00	690 981.00	22.40	0.00
81	17	1 293 719.00	1 293 719.00	1 293 719.00	12.00	11.00
81	18	1 287 258.00	1 287 258.00	1 287 258.00	12.00	12.00
81	19	1 286 895.00	1 286 895.00	1 286 895.00	11.00	12.00
81	20	1 294 980.00	1 294 980.00	1 294 980.00	12.00	12.00
81	21	1 301 441.00	1 301 441.00	1 301 441.00	12.00	11.00
81	22	1 291 897.00	1 291 897.00	1 291 897.00	12.00	11.00
81	23	1 288 402.00	1 288 402.00	1 288 402.00	12.00	12.00
81	24	1 301 447.00	1 301 447.00	1 301 447.00	12.00	11.00
82	1	724 007.00	724 007.00	724 007.00	0.00	0.00
82	2	724 007.00	724 007.00	724 007.00	0.00	0.00
82	3	724 007.00	724 007.00	724 007.00	0.00	0.00
82	4	724 007.00	724 007.00	724 007.00	0.00	0.00
82	5	724 007.00	724 007.00	724 007.00	0.00	0.00
82	6	724 007.00	724 007.00	724 007.00	0.00	0.00
82	7	724 007.00	724 007.00	724 007.00	0.00	0.00
82	8	724 007.00	724 007.00	724 007.00	0.00	0.00
82	9	724 007.00	724 007.00	724 007.00	0.00	0.00
82	10	724 007.00	724 007.00	724 007.00	0.00	0.00
82	11	724 007.00	724 007.00	724 007.00	0.00	0.00
82	12	724 007.00	724 007.00	724 007.00	0.00	0.00
82	13	724 007.00	724 007.00	724 007.00	0.00	0.00
82	14	724 007.00	724 007.00	724 007.00	0.00	0.00
82	15	724 007.00	724 007.00	724 007.00	0.00	0.00
82	16	724 007.00	724 007.00	724 007.00	0.00	0.00
82	17	724 007.00	724 007.00	724 007.00	0.00	0.00
82	18	724 007.00	724 007.00	724 007.00	0.00	0.00



82	19	724 007.00	724 007.00	724 007.00	0.00	0.00
82	20	724 007.00	724 007.00	724 007.00	0.00	0.00
82	21	724 007.00	724 007.00	724 007.00	0.00	0.00
82	22	724 007.00	724 007.00	724 007.00	0.00	0.00
82	23	724 007.00	724 007.00	724 007.00	0.00	0.00
82	24	724 007.00	724 007.00	724 007.00	0.00	0.00
83	1	734 764.20	734 873.00	734 602.00	0.00	0.00
83	2	734 873.00	734 873.00	734 873.00	0.00	0.00
83	3	734 172.60	734 455.00	733 680.00	0.00	0.00
83	4	734 214.20	734 829.00	733 683.00	0.00	0.00
83	5	734 873.00	734 873.00	734 873.00	0.00	0.00
83	6	734 873.00	734 873.00	734 873.00	0.00	0.00
83	7	733 873.00	734 486.00	733 494.00	0.00	0.00
83	8	734 148.40	734 416.00	733 522.00	0.00	0.00
83	9	734 635.20	734 873.00	734 312.00	0.00	0.00
83	10	734 873.00	734 873.00	734 873.00	0.00	0.00
83	11	723 112.20	724 063.00	722 247.00	0.00	0.00
83	12	722 247.00	722 247.00	722 247.00	0.00	0.00
83	13	734 762.80	734 873.00	734 602.00	0.00	0.00
83	14	734 841.80	734 873.00	734 725.00	0.00	0.00
83	15	733 839.20	734 214.00	733 157.00	0.00	0.00
83	16	734 039.40	734 589.00	733 598.00	0.00	0.00
83	17	734 873.00	734 873.00	734 873.00	0.00	0.00
83	18	734 873.00	734 873.00	734 873.00	0.00	0.00
83	19	734 868.00	734 868.00	734 868.00	0.00	0.00
83	20	734 873.00	734 873.00	734 873.00	0.00	0.00
83	21	734 873.00	734 873.00	734 873.00	0.00	0.00





83	22	734 873.00	734 873.00	734 873.00	0.00	0.00
83	23	734 852.00	734 852.00	734 852.00	0.00	0.00
83	24	734 873.00	734 873.00	734 873.00	0.00	0.00
84	1	713 687.60	713 819.00	713 512.00	0.00	0.00
84	2	713 459.40	713 819.00	712 920.00	0.00	0.00
84	3	711 760.60	713 188.00	710 170.00	0.00	0.00
84	4	712 317.80	713 738.00	710 459.00	0.00	0.00
84	5	713 517.00	713 819.00	712 920.00	0.00	0.00
84	6	713 605.20	713 819.00	712 863.00	0.00	0.00
84	7	711 330.40	712 685.00	709 851.00	0.00	0.00
84	8	711 940.00	712 908.00	710 015.00	0.00	0.00
84	9	713 030.60	713 704.00	712 294.00	0.00	0.00
84	10	713 753.80	713 819.00	713 657.00	0.00	0.00
84	11	703 992.80	705 603.00	703 049.00	0.00	0.00
84	12	703 070.80	703 646.00	702 927.00	0.00	0.00
84	13	713 006.00	713 819.00	712 448.00	0.00	0.00
84	14	713 268.20	713 819.00	712 863.00	0.00	0.00
84	15	712 025.40	713 408.00	710 835.00	0.00	0.00
84	16	710 495.20	711 300.00	708 405.00	0.00	0.00
84	17	712 920.00	712 920.00	712 920.00	0.00	0.00
84	18	713 834.00	713 834.00	713 834.00	0.00	0.00
84	19	713 834.00	713 834.00	713 834.00	0.00	0.00
84	20	713 834.00	713 834.00	713 834.00	0.00	0.00
84	21	713 819.00	713 819.00	713 819.00	0.00	0.00
84	22	713 834.00	713 834.00	713 834.00	0.00	0.00
84	23	713 834.00	713 834.00	713 834.00	0.00	0.00
84	24	713 834.00	713 834.00	713 834.00	0.00	0.00





85	1	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	2	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	3	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	4	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	5	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	6	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	7	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	8	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	9	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	10	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	11	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	12	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	13	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	14	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	15	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	16	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	17	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	18	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	19	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	20	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	21	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	22	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	23	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
85	24	1 001 129.00	1 001 129.00	1 001 129.00	0.00	0.00
86	1	756 010.60	757 047.00	754 899.00	0.00	0.00
86	2	756 426.80	758 159.00	754 890.00	0.00	0.00
86	3	753 038.20	755 709.00	750 187.00	0.00	0.00





86	4	753 247.80	755 329.00	750 486.00	0.00	0.00
86	5	755 584.80	757 612.00	753 380.00	0.00	0.00
86	6	758 006.60	759 885.00	755 601.00	0.00	0.00
86	7	755 561.40	758 193.00	753 039.00	0.00	0.00
86	8	752 076.40	754 985.00	747 401.00	0.00	0.00
86	9	754 314.80	756 260.00	752 306.00	0.00	0.00
86	10	756 326.20	757 612.00	755 490.00	0.00	0.00
86	11	720 999.60	723 889.00	717 394.00	0.00	0.00
86	12	717 709.20	718 233.00	717 394.00	0.00	0.00
86	13	756 627.00	757 806.00	754 304.00	0.00	0.00
86	14	754 711.00	757 070.00	753 370.00	0.00	0.00
86	15	751 109.20	753 014.00	749 721.00	0.00	0.00
86	16	751 291.20	752 408.00	749 657.00	0.00	0.00
86	17	758 159.00	758 159.00	758 159.00	0.00	0.00
86	18	759 564.00	759 564.00	759 564.00	0.00	0.00
86	19	760 553.00	760 553.00	760 553.00	0.00	0.00
86	20	760 108.00	760 108.00	760 108.00	0.00	0.00
86	21	757 583.00	757 583.00	757 583.00	0.00	0.00
86	22	758 697.00	758 697.00	758 697.00	0.00	0.00
86	23	758 726.00	758 726.00	758 726.00	0.00	0.00
86	24	760 553.00	760 553.00	760 553.00	0.00	0.00
87	1	956 067.80	958 195.00	954 133.00	0.00	0.00
87	2	957 524.80	958 260.00	956 121.00	0.00	0.00
87	3	951 096.60	955 193.00	947 509.00	0.00	0.00
87	4	952 069.20	953 299.00	950 984.00	0.00	0.00
87	5	955 335.40	956 762.00	953 660.00	0.00	0.00
87	6	956 402.60	956 825.00	956 121.00	0.00	0.00





87	7	950 944.60	953 140.00	948 014.00	0.00	0.00
87	8	949 700.80	954 861.00	944 781.00	0.00	0.00
87	9	954 495.00	955 937.00	953 396.00	0.00	0.00
87	10	956 001.80	956 121.00	955 742.00	0.00	0.00
87	11	921 843.80	925 183.00	920 873.00	0.00	0.00
87	12	922 097.20	926 994.00	920 873.00	0.00	0.00
87	13	954 890.60	956 292.00	953 592.00	0.00	0.00
87	14	957 093.00	958 260.00	956 121.00	0.00	0.00
87	15	945 865.20	950 673.00	941 154.00	0.00	0.00
87	16	949 872.60	954 234.00	941 614.00	0.00	0.00
87	17	956 121.00	956 121.00	956 121.00	0.00	0.00
87	18	958 405.00	958 405.00	958 405.00	0.00	0.00
87	19	958 405.00	958 405.00	958 405.00	0.00	0.00
87	20	958 209.00	958 209.00	958 209.00	0.00	0.00
87	21	956 825.00	956 825.00	956 825.00	0.00	0.00
87	22	956 357.00	956 357.00	956 357.00	0.00	0.00
87	23	958 317.00	958 317.00	958 317.00	0.00	0.00
87	24	958 405.00	958 405.00	958 405.00	0.00	0.00
88	1	966 695.00	966 695.00	966 695.00	0.00	0.00
88	2	966 695.00	966 695.00	966 695.00	0.00	0.00
88	3	966 695.00	966 695.00	966 695.00	0.00	0.00
88	4	966 695.00	966 695.00	966 695.00	0.00	0.00
88	5	966 695.00	966 695.00	966 695.00	0.00	0.00
88	6	966 695.00	966 695.00	966 695.00	0.00	0.00
88	7	966 695.00	966 695.00	966 695.00	0.00	0.00
88	8	966 695.00	966 695.00	966 695.00	0.00	0.00
88	9	966 695.00	966 695.00	966 695.00	0.00	0.00





88	10	966 695.00	966 695.00	966 695.00	0.00	0.00
88	11	966 695.00	966 695.00	966 695.00	0.00	0.00
88	12	966 695.00	966 695.00	966 695.00	0.00	0.00
88	13	966 695.00	966 695.00	966 695.00	0.00	0.00
88	14	966 695.00	966 695.00	966 695.00	0.00	0.00
88	15	966 695.00	966 695.00	966 695.00	0.00	0.00
88	16	966 695.00	966 695.00	966 695.00	0.00	0.00
88	17	966 695.00	966 695.00	966 695.00	0.00	0.00
88	18	966 695.00	966 695.00	966 695.00	0.00	0.00
88	19	966 695.00	966 695.00	966 695.00	0.00	0.00
88	20	966 695.00	966 695.00	966 695.00	0.00	0.00
88	21	966 695.00	966 695.00	966 695.00	0.00	0.00
88	22	966 695.00	966 695.00	966 695.00	0.00	0.00
88	23	966 695.00	966 695.00	966 695.00	0.00	0.00
88	24	966 695.00	966 695.00	966 695.00	0.00	0.00
89	1	848 345.20	848 891.00	847 799.00	0.00	0.00
89	2	848 558.40	849 013.00	847 867.00	0.00	0.00
89	3	843 223.00	844 726.00	840 261.00	0.00	0.00
89	4	844 759.60	846 407.00	840 172.00	0.00	0.00
89	5	847 911.00	848 650.00	847 042.00	0.00	0.00
89	6	848 716.00	849 013.00	848 112.00	0.00	0.00
89	7	845 022.60	847 760.00	842 756.00	0.00	0.00
89	8	845 530.40	847 239.00	843 339.00	0.00	0.00
89	9	847 768.40	848 580.00	845 694.00	0.00	0.00
89	10	848 770.00	849 013.00	848 265.00	0.00	0.00
89	11	806 144.60	807 958.00	804 377.00	0.00	0.00
89	12	804 715.00	806 040.00	804 377.00	0.00	0.00

Founding Members





89	13	847 842.40	848 378.00	846 823.00	0.00	0.00
89	14	848 536.40	849 013.00	846 763.00	0.00	0.00
89	15	843 650.00	845 980.00	839 324.00	0.00	0.00
89	16	844 152.60	846 580.00	843 119.00	0.00	0.00
89	17	848 112.00	848 112.00	848 112.00	0.00	0.00
89	18	848 900.00	848 900.00	848 900.00	0.00	0.00
89	19	849 013.00	849 013.00	849 013.00	0.00	0.00
89	20	847 656.00	847 656.00	847 656.00	0.00	0.00
89	21	846 921.00	846 921.00	846 921.00	0.00	0.00
89	22	848 900.00	848 900.00	848 900.00	0.00	0.00
89	23	848 483.00	848 483.00	848 483.00	0.00	0.00
89	24	849 013.00	849 013.00	849 013.00	0.00	0.00
90	1	901 663.60	902 588.00	900 701.00	0.00	0.00
90	2	902 900.00	903 270.00	902 588.00	0.00	0.00
90	3	895 911.20	898 020.00	894 075.00	0.00	0.00
90	4	897 914.40	900 072.00	895 322.00	0.00	0.00
90	5	902 805.00	903 062.00	902 478.00	0.00	0.00
90	6	903 133.60	903 270.00	902 686.00	0.00	0.00
90	7	897 235.00	898 320.00	896 022.00	0.00	0.00
90	8	898 397.80	899 331.00	897 570.00	0.00	0.00
90	9	901 395.20	902 602.00	900 315.00	0.00	0.00
90	10	902 642.00	903 172.00	902 119.00	0.00	0.00
90	11	871 873.40	878 989.00	869 779.00	0.00	0.00
90	12	869 805.00	869 909.00	869 779.00	0.00	0.00
90	13	901 097.80	902 857.00	900 397.00	0.00	0.00
90	14	902 802.80	903 270.00	902 686.00	0.00	0.00
90	15	894 444.40	897 864.00	890 986.00	0.00	0.00

Founding Members





90	16	896 086.60	898 936.00	894 407.00	0.00	0.00
90	17	903 270.00	903 270.00	903 270.00	0.00	0.00
90	18	903 270.00	903 270.00	903 270.00	0.00	0.00
90	19	902 686.00	902 686.00	902 686.00	0.00	0.00
90	20	903 270.00	903 270.00	903 270.00	0.00	0.00
90	21	903 270.00	903 270.00	903 270.00	0.00	0.00
90	22	903 270.00	903 270.00	903 270.00	0.00	0.00
90	23	903 186.00	903 186.00	903 186.00	0.00	0.00
90	24	903 270.00	903 270.00	903 270.00	0.00	0.00
91	1	724 414.00	724 414.00	724 414.00	0.00	0.00
91	2	724 414.00	724 414.00	724 414.00	0.00	0.00
91	3	724 414.00	724 414.00	724 414.00	0.00	0.00
91	4	724 414.00	724 414.00	724 414.00	0.00	0.00
91	5	724 414.00	724 414.00	724 414.00	0.00	0.00
91	6	724 414.00	724 414.00	724 414.00	0.00	0.00
91	7	724 414.00	724 414.00	724 414.00	0.00	0.00
91	8	724 414.00	724 414.00	724 414.00	0.00	0.00
91	9	724 414.00	724 414.00	724 414.00	0.00	0.00
91	10	724 414.00	724 414.00	724 414.00	0.00	0.00
91	11	724 414.00	724 414.00	724 414.00	0.00	0.00
91	12	724 414.00	724 414.00	724 414.00	0.00	0.00
91	13	724 414.00	724 414.00	724 414.00	0.00	0.00
91	14	724 414.00	724 414.00	724 414.00	0.00	0.00
91	15	724 414.00	724 414.00	724 414.00	0.00	0.00
91	16	724 414.00	724 414.00	724 414.00	0.00	0.00
91	17	724 414.00	724 414.00	724 414.00	0.00	0.00
91	18	724 414.00	724 414.00	724 414.00	0.00	0.00





91	19	724 414.00	724 414.00	724 414.00	0.00	0.00
91	20	724 414.00	724 414.00	724 414.00	0.00	0.00
91	21	724 414.00	724 414.00	724 414.00	0.00	0.00
91	22	724 414.00	724 414.00	724 414.00	0.00	0.00
91	23	724 414.00	724 414.00	724 414.00	0.00	0.00
91	24	724 414.00	724 414.00	724 414.00	0.00	0.00
92	1	705 022.00	705 180.00	704 735.00	0.00	0.00
92	2	704 977.60	705 180.00	704 502.00	0.00	0.00
92	3	704 011.40	704 822.00	702 921.00	0.00	0.00
92	4	704 221.80	704 772.00	703 626.00	0.00	0.00
92	5	705 126.80	705 180.00	705 070.00	0.00	0.00
92	6	705 180.00	705 180.00	705 180.00	0.00	0.00
92	7	704 268.80	704 962.00	703 607.00	0.00	0.00
92	8	704 125.80	704 619.00	703 616.00	0.00	0.00
92	9	704 862.20	705 076.00	704 502.00	0.00	0.00
92	10	705 118.80	705 180.00	704 874.00	0.00	0.00
92	11	699 515.40	699 913.00	698 930.00	0.00	0.00
92	12	699 093.20	699 621.00	698 930.00	0.00	0.00
92	13	705 066.60	705 180.00	704 626.00	0.00	0.00
92	14	705 044.40	705 180.00	704 502.00	0.00	0.00
92	15	704 341.40	704 946.00	703 594.00	0.00	0.00
92	16	703 727.60	704 220.00	703 136.00	0.00	0.00
92	17	704 492.00	704 492.00	704 492.00	0.00	0.00
92	18	704 874.00	704 874.00	704 874.00	0.00	0.00
92	19	705 180.00	705 180.00	705 180.00	0.00	0.00
92	20	704 709.00	704 709.00	704 709.00	0.00	0.00
92	21	704 492.00	704 492.00	704 492.00	0.00	0.00





92	22	703 887.00	703 887.00	703 887.00	0.00	0.00
92	23	704 474.00	704 474.00	704 474.00	0.00	0.00
92	24	705 180.00	705 180.00	705 180.00	0.00	0.00
93	1	705 465.80	705 707.00	704 896.00	0.00	0.00
93	2	705 432.80	705 789.00	704 815.00	0.00	0.00
93	3	703 869.00	705 001.00	702 176.00	0.00	0.00
93	4	704 669.80	705 432.00	703 741.00	0.00	0.00
93	5	705 188.60	705 786.00	704 711.00	0.00	0.00
93	6	705 628.80	705 789.00	704 988.00	0.00	0.00
93	7	704 944.60	705 238.00	704 545.00	0.00	0.00
93	8	704 615.20	705 481.00	704 123.00	0.00	0.00
93	9	704 946.40	705 573.00	704 659.00	0.00	0.00
93	10	705 141.20	705 786.00	704 959.00	0.00	0.00
93	11	696 676.60	699 012.00	695 829.00	0.00	0.00
93	12	695 829.00	695 829.00	695 829.00	0.00	0.00
93	13	704 795.60	704 921.00	704 672.00	0.00	0.00
93	14	705 628.80	705 789.00	704 988.00	0.00	0.00
93	15	703 725.40	704 249.00	702 851.00	0.00	0.00
93	16	702 854.20	704 479.00	701 784.00	0.00	0.00
93	17	704 988.00	704 988.00	704 988.00	0.00	0.00
93	18	705 789.00	705 789.00	705 789.00	0.00	0.00
93	19	705 789.00	705 789.00	705 789.00	0.00	0.00
93	20	704 141.00	704 141.00	704 141.00	0.00	0.00
93	21	704 141.00	704 141.00	704 141.00	0.00	0.00
93	22	704 988.00	704 988.00	704 988.00	0.00	0.00
93	23	705 747.00	705 747.00	705 747.00	0.00	0.00
93	24	705 789.00	705 789.00	705 789.00	0.00	0.00





94	1	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	2	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	3	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	4	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	5	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	6	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	7	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	8	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	9	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	10	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	11	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	12	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	13	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	14	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	15	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	16	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	17	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	18	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	19	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	20	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	21	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	22	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	23	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
94	24	1 024 429.00	1 024 429.00	1 024 429.00	0.00	0.00
95	1	696 193.40	700 359.00	692 688.00	0.60	0.00
95	2	694 411.40	698 991.00	692 734.00	0.00	0.00
95	3	686 855.60	694 533.00	680 504.00	0.20	0.00





95	4	690 225.60	695 074.00	686 832.00	0.00	0.00
95	5	696 545.40	705 930.00	689 674.00	0.60	0.00
95	6	698 220.20	704 622.00	693 573.00	0.80	0.00
95	7	689 272.40	691 657.00	686 607.00	0.00	0.00
95	8	688 468.00	691 316.00	683 285.00	0.00	0.00
95	9	694 162.80	697 581.00	690 546.00	0.20	0.00
95	10	696 167.40	704 435.00	691 553.00	0.40	0.00
95	11	666 225.40	666 741.00	665 543.00	0.00	0.00
95	12	665 866.80	667 162.00	665 543.00	0.00	0.00
95	13	694 205.40	698 882.00	689 815.00	0.40	0.00
95	14	696 405.40	701 669.00	692 287.00	0.40	0.00
95	15	685 302.20	686 683.00	683 459.00	0.00	0.00
95	16	687 881.00	690 189.00	685 102.00	0.20	0.00
95	17	689 046.00	689 046.00	689 046.00	0.00	0.00
95	18	694 613.00	694 613.00	694 613.00	0.00	0.00
95	19	719 092.00	719 092.00	719 092.00	2.00	3.00
95	20	714 158.00	714 158.00	714 158.00	1.00	3.00
95	21	692 923.00	692 923.00	692 923.00	0.00	0.00
95	22	714 780.00	714 780.00	714 780.00	2.00	2.00
95	23	706 208.00	706 208.00	706 208.00	1.00	1.00
95	24	720 654.00	720 654.00	720 654.00	3.00	4.00
96	1	898 424.00	902 056.00	890 884.00	0.00	0.00
96	2	899 122.40	901 392.00	897 782.00	0.00	0.00
96	3	892 493.60	896 340.00	888 380.00	0.00	0.00
96	4	894 208.20	896 729.00	891 892.00	0.00	0.00
96	5	897 788.00	899 643.00	895 273.00	0.00	0.00
96	6	898 776.80	901 392.00	895 729.00	0.00	0.00





96	7	896 946.60	901 301.00	892 723.00	0.00	0.00
96	8	895 561.60	896 828.00	894 184.00	0.00	0.00
96	9	896 458.20	899 159.00	893 699.00	0.00	0.00
96	10	897 906.80	901 266.00	894 070.00	0.00	0.00
96	11	868 138.60	869 163.00	867 811.00	0.00	0.00
96	12	867 884.20	868 163.00	867 811.00	0.00	0.00
96	13	898 408.40	902 050.00	896 117.00	0.00	0.00
96	14	898 389.80	899 680.00	897 527.00	0.00	0.00
96	15	891 679.00	896 632.00	888 128.00	0.00	0.00
96	16	893 460.80	895 598.00	890 279.00	0.00	0.00
96	17	897 321.00	897 321.00	897 321.00	0.00	0.00
96	18	901 436.00	901 436.00	901 436.00	0.00	0.00
96	19	902 092.00	902 092.00	902 092.00	0.00	0.00
96	20	901 712.00	901 712.00	901 712.00	0.00	0.00
96	21	897 738.00	897 738.00	897 738.00	0.00	0.00
96	22	901 392.00	901 392.00	901 392.00	0.00	0.00
96	23	906 442.00	906 442.00	906 442.00	1.00	1.00
96	24	907 196.00	907 196.00	907 196.00	2.00	1.00
97	1	974 663.00	974 663.00	974 663.00	0.00	0.00
97	2	974 663.00	974 663.00	974 663.00	0.00	0.00
97	3	974 663.00	974 663.00	974 663.00	0.00	0.00
97	4	974 663.00	974 663.00	974 663.00	0.00	0.00
97	5	974 663.00	974 663.00	974 663.00	0.00	0.00
97	6	974 663.00	974 663.00	974 663.00	0.00	0.00
97	7	974 663.00	974 663.00	974 663.00	0.00	0.00
97	8	974 663.00	974 663.00	974 663.00	0.00	0.00
97	9	974 663.00	974 663.00	974 663.00	0.00	0.00





97	10	974 663.00	974 663.00	974 663.00	0.00	0.00
97	11	974 663.00	974 663.00	974 663.00	0.00	0.00
97	12	974 663.00	974 663.00	974 663.00	0.00	0.00
97	13	974 663.00	974 663.00	974 663.00	0.00	0.00
97	14	974 663.00	974 663.00	974 663.00	0.00	0.00
97	15	974 663.00	974 663.00	974 663.00	0.00	0.00
97	16	974 663.00	974 663.00	974 663.00	0.00	0.00
97	17	974 663.00	974 663.00	974 663.00	0.00	0.00
97	18	974 663.00	974 663.00	974 663.00	0.00	0.00
97	19	974 663.00	974 663.00	974 663.00	0.00	0.00
97	20	974 663.00	974 663.00	974 663.00	0.00	0.00
97	21	974 663.00	974 663.00	974 663.00	0.00	0.00
97	22	974 663.00	974 663.00	974 663.00	0.00	0.00
97	23	974 663.00	974 663.00	974 663.00	0.00	0.00
97	24	974 663.00	974 663.00	974 663.00	0.00	0.00
98	1	654 373.80	654 692.00	654 185.00	0.00	0.00
98	2	653 682.60	654 663.00	651 511.00	0.00	0.00
98	3	647 785.40	651 276.00	645 096.00	0.00	0.00
98	4	649 654.40	651 044.00	647 663.00	0.00	0.00
98	5	653 461.80	654 374.00	651 339.00	0.00	0.00
98	6	654 370.00	654 716.00	654 103.00	0.00	0.00
98	7	648 652.40	650 652.00	646 578.00	0.20	0.00
98	8	648 428.60	651 055.00	644 506.00	0.00	0.00
98	9	652 534.60	653 515.00	651 358.00	0.20	0.00
98	10	654 192.00	654 716.00	653 280.00	0.00	0.00
98	11	619 268.20	623 918.00	617 617.00	0.00	0.00
98	12	616 438.80	617 010.00	616 296.00	0.00	0.00





98	13	652 983.80	654 367.00	650 755.00	0.00	0.00
98	14	654 468.40	654 940.00	654 127.00	0.00	0.00
98	15	644 982.80	649 551.00	642 092.00	0.00	0.00
98	16	647 144.00	651 098.00	642 059.00	0.00	0.00
98	17	654 557.00	654 557.00	654 557.00	0.00	0.00
98	18	655 172.00	655 172.00	655 172.00	0.00	0.00
98	19	658 899.00	658 899.00	658 899.00	0.00	1.00
98	20	658 613.00	658 613.00	658 613.00	0.00	2.00
98	21	658 443.00	658 443.00	658 443.00	0.00	1.00
98	22	654 146.00	654 146.00	654 146.00	1.00	0.00
98	23	658 429.00	658 429.00	658 429.00	0.00	1.00
98	24	659 225.00	659 225.00	659 225.00	0.00	2.00
99	1	937 984.40	939 229.00	937 034.00	0.00	0.00
99	2	940 257.80	941 000.00	939 390.00	0.00	0.00
99	3	931 913.40	934 235.00	930 358.00	0.00	0.00
99	4	932 758.60	936 082.00	929 654.00	0.00	0.00
99	5	939 284.40	940 456.00	936 998.00	0.00	0.00
99	6	940 299.80	940 738.00	939 013.00	0.00	0.00
99	7	933 617.20	936 808.00	929 320.00	0.00	0.00
99	8	932 587.40	935 438.00	930 069.00	0.00	0.00
99	9	938 350.80	939 866.00	936 600.00	0.00	0.00
99	10	939 947.60	941 000.00	937 959.00	0.00	0.00
99	11	900 075.60	903 785.00	896 240.00	0.00	0.00
99	12	896 197.80	896 297.00	896 173.00	0.00	0.00
99	13	939 022.60	940 738.00	937 340.00	0.00	0.00
99	14	939 973.00	940 880.00	938 256.00	0.00	0.00
99	15	929 572.20	933 486.00	926 312.00	0.00	0.00





99	16	930 966.40	933 566.00	929 402.00	0.00	0.00
99	17	940 516.00	940 516.00	940 516.00	0.00	0.00
99	18	941 000.00	941 000.00	941 000.00	0.00	0.00
99	19	941 000.00	941 000.00	941 000.00	0.00	0.00
99	20	940 880.00	940 880.00	940 880.00	0.00	0.00
99	21	940 456.00	940 456.00	940 456.00	0.00	0.00
99	22	940 880.00	940 880.00	940 880.00	0.00	0.00
99	23	940 435.00	940 435.00	940 435.00	0.00	0.00
99	24	941 000.00	941 000.00	941 000.00	0.00	0.00
100	1	723 024.00	723 024.00	723 024.00	0.00	0.00
100	2	723 024.00	723 024.00	723 024.00	0.00	0.00
100	3	723 024.00	723 024.00	723 024.00	0.00	0.00
100	4	723 024.00	723 024.00	723 024.00	0.00	0.00
100	5	723 024.00	723 024.00	723 024.00	0.00	0.00
100	6	723 024.00	723 024.00	723 024.00	0.00	0.00
100	7	723 024.00	723 024.00	723 024.00	0.00	0.00
100	8	723 024.00	723 024.00	723 024.00	0.00	0.00
100	9	723 024.00	723 024.00	723 024.00	0.00	0.00
100	10	723 024.00	723 024.00	723 024.00	0.00	0.00
100	11	723 024.00	723 024.00	723 024.00	0.00	0.00
100	12	723 024.00	723 024.00	723 024.00	0.00	0.00
100	13	723 024.00	723 024.00	723 024.00	0.00	0.00
100	14	723 024.00	723 024.00	723 024.00	0.00	0.00
100	15	723 024.00	723 024.00	723 024.00	0.00	0.00
100	16	723 024.00	723 024.00	723 024.00	0.00	0.00
100	17	723 024.00	723 024.00	723 024.00	0.00	0.00
100	18	723 024.00	723 024.00	723 024.00	0.00	0.00





100	19	723 024.00	723 024.00	723 024.00	0.00	0.00
100	20	723 024.00	723 024.00	723 024.00	0.00	0.00
100	21	723 024.00	723 024.00	723 024.00	0.00	0.00
100	22	723 024.00	723 024.00	723 024.00	0.00	0.00
100	23	723 024.00	723 024.00	723 024.00	0.00	0.00
100	24	723 024.00	723 024.00	723 024.00	0.00	0.00
101	1	412 511.40	416 997.00	405 889.00	6.20	0.00
101	2	417 043.60	417 946.00	415 952.00	5.80	0.00
101	3	395 589.40	402 489.00	388 565.00	7.20	0.00
101	4	398 796.20	413 547.00	386 129.00	7.00	0.00
101	5	407 461.00	411 913.00	400 821.00	6.40	0.00
101	6	411 803.40	417 899.00	403 517.00	6.20	0.00
101	7	394 997.40	408 814.00	385 189.00	6.60	0.00
101	8	398 799.00	405 651.00	393 117.00	7.00	0.00
101	9	409 015.40	412 629.00	407 285.00	6.80	0.00
101	10	413 068.20	415 786.00	410 637.00	6.40	0.00
101	11	215 163.40	246 516.00	164 600.00	12.20	0.00
101	12	38 083.60	65 923.00	19 111.00	17.20	0.00
101	13	409 996.60	411 933.00	406 689.00	6.40	0.00
101	14	413 754.60	418 014.00	410 283.00	6.40	0.00
101	15	395 309.40	406 790.00	387 471.00	7.20	0.00
101	16	389 338.40	395 167.00	383 203.00	7.00	0.00
101	17	414 485.00	414 485.00	414 485.00	4.00	7.00
101	18	410 684.00	410 684.00	410 684.00	4.00	7.00
101	19	418 014.00	418 014.00	418 014.00	4.00	6.00
101	20	410 659.00	410 659.00	410 659.00	4.00	7.00
101	21	416 435.00	416 435.00	416 435.00	4.00	6.00





101	22	417 868.00	417 868.00	417 868.00	4.00	6.00
101	23	410 382.00	410 382.00	410 382.00	4.00	7.00
101	24	397 422.00	397 422.00	397 422.00	4.00	6.00
102	1	610 578.20	610 937.00	610 040.00	0.00	0.00
102	2	610 265.40	610 937.00	610 040.00	0.00	0.00
102	3	609 597.80	610 155.00	608 360.00	0.00	0.00
102	4	610 216.40	610 937.00	609 099.00	0.00	0.00
102	5	610 344.00	610 937.00	609 881.00	0.00	0.00
102	6	610 398.80	610 822.00	610 040.00	0.00	0.00
102	7	610 625.00	610 937.00	610 365.00	0.00	0.00
102	8	610 401.60	610 937.00	609 493.00	0.00	0.00
102	9	609 998.40	610 937.00	608 984.00	0.00	0.00
102	10	610 555.20	610 937.00	610 040.00	0.00	0.00
102	11	605 282.20	605 543.00	605 217.00	0.00	0.00
102	12	605 217.00	605 217.00	605 217.00	0.00	0.00
102	13	608 966.60	610 937.00	607 466.00	0.00	0.00
102	14	610 321.00	610 937.00	609 766.00	0.00	0.00
102	15	609 061.20	609 803.00	607 194.00	0.00	0.00
102	16	609 068.60	610 601.00	606 199.00	0.00	0.00
102	17	610 822.00	610 822.00	610 822.00	0.00	0.00
102	18	610 937.00	610 937.00	610 937.00	0.00	0.00
102	19	610 937.00	610 937.00	610 937.00	0.00	0.00
102	20	610 937.00	610 937.00	610 937.00	0.00	0.00
102	21	610 045.00	610 045.00	610 045.00	0.00	0.00
102	22	610 822.00	610 822.00	610 822.00	0.00	0.00
102	23	629 698.00	629 698.00	629 698.00	3.00	2.00
102	24	612 293.00	612 293.00	612 293.00	2.00	1.00





103	1	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	2	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	3	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	4	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	5	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	6	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	7	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	8	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	9	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	10	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	11	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	12	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	13	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	14	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	15	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	16	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	17	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	18	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	19	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	20	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	21	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	22	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	23	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
103	24	1 030 035.00	1 030 035.00	1 030 035.00	0.00	0.00
104	1	720 048.60	730 014.00	695 124.00	5.00	0.00
104	2	730 014.00	730 014.00	730 014.00	5.00	0.00
104	3	666 664.20	695 424.00	651 817.00	5.60	0.00





104	4	694 670.20	708 971.00	681 635.00	5.40	0.00
104	5	724 548.20	729 985.00	721 079.00	5.00	0.00
104	6	728 923.00	730 014.00	724 628.00	5.00	0.00
104	7	687 081.40	719 367.00	668 185.00	5.20	0.00
104	8	699 901.60	712 589.00	694 419.00	5.00	0.00
104	9	722 839.20	727 128.00	718 794.00	5.00	0.00
104	10	725 603.00	729 991.00	709 254.00	5.00	0.00
104	11	317 043.40	352 217.00	290 138.00	11.20	0.00
104	12	57 983.00	95 016.00	38 916.00	18.00	0.00
104	13	720 817.40	729 964.00	713 643.00	5.20	0.00
104	14	728 061.20	730 014.00	723 153.00	5.00	0.00
104	15	694 589.40	707 812.00	676 300.00	5.00	0.00
104	16	669 625.80	704 445.00	648 037.00	5.40	0.00
104	17	729 991.00	729 991.00	729 991.00	4.00	5.00
104	18	730 014.00	730 014.00	730 014.00	4.00	5.00
104	19	730 014.00	730 014.00	730 014.00	4.00	5.00
104	20	730 014.00	730 014.00	730 014.00	4.00	5.00
104	21	730 014.00	730 014.00	730 014.00	4.00	5.00
104	22	729 991.00	729 991.00	729 991.00	4.00	5.00
104	23	729 991.00	729 991.00	729 991.00	4.00	5.00
104	24	730 014.00	730 014.00	730 014.00	4.00	5.00
105	1	800 390.40	817 641.00	765 496.00	0.00	0.00
105	2	817 579.00	818 101.00	816 565.00	0.00	0.00
105	3	779 526.40	793 851.00	762 995.00	0.00	0.00
105	4	775 760.60	794 633.00	756 764.00	0.00	0.00
105	5	812 363.80	816 886.00	799 960.00	0.00	0.00
105	6	818 030.20	818 184.00	817 782.00	0.00	0.00





105	7	772 500.40	779 983.00	756 828.00	0.00	0.00
105	8	770 469.00	790 205.00	755 683.00	0.00	0.00
105	9	802 122.20	810 444.00	789 742.00	0.00	0.00
105	10	823 641.00	847 274.00	817 132.00	0.00	0.00
105	11	745 358.20	748 293.00	744 210.00	0.00	0.00
105	12	744 373.60	745 028.00	744 210.00	0.00	0.00
105	13	800 730.60	843 227.00	778 152.00	0.00	0.00
105	14	819 956.20	832 251.00	814 871.00	0.00	0.00
105	15	769 437.60	791 293.00	751 518.00	0.00	0.00
105	16	770 678.80	798 410.00	750 357.00	0.00	0.00
105	17	817 800.00	817 800.00	817 800.00	1.00	0.00
105	18	876 306.00	876 306.00	876 306.00	1.00	1.00
105	19	876 306.00	876 306.00	876 306.00	1.00	1.00
105	20	921 062.00	921 062.00	921 062.00	2.00	1.00
105	21	920 971.00	920 971.00	920 971.00	2.00	1.00
105	22	921 062.00	921 062.00	921 062.00	2.00	1.00
105	23	921 062.00	921 062.00	921 062.00	2.00	1.00
105	24	921 062.00	921 062.00	921 062.00	2.00	1.00
106	1	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	2	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	3	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	4	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	5	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	6	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	7	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	8	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	9	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00





106	10	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	11	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	12	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	13	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	14	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	15	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	16	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	17	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	18	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	19	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	20	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	21	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	22	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	23	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
106	24	1 030 704.00	1 030 704.00	1 030 704.00	0.00	0.00
107	1	659 492.00	662 428.00	651 902.00	6.00	0.00
107	2	672 538.40	676 861.00	661 150.00	5.60	0.00
107	3	632 472.20	649 998.00	595 824.00	6.40	0.00
107	4	639 532.40	651 585.00	631 064.00	5.80	0.00
107	5	656 640.80	666 243.00	641 957.00	5.40	0.00
107	6	674 516.60	677 480.00	671 810.00	5.40	0.00
107	7	645 604.20	655 313.00	632 313.00	6.40	0.00
107	8	640 953.40	652 088.00	626 620.00	5.80	0.00
107	9	666 885.40	672 150.00	657 272.00	6.00	0.00
107	10	673 680.80	677 443.00	669 297.00	5.60	0.00
107	11	280 653.20	297 240.00	237 406.00	11.80	0.00
107	12	33 782.60	74 164.00	8 510.00	18.80	0.00





107	13	673 883.60	676 444.00	671 043.00	5.40	0.00
107	14	673 964.40	677 443.00	666 135.00	5.20	0.00
107	15	645 813.20	654 595.00	627 450.00	6.00	0.00
107	16	634 056.40	651 664.00	614 305.00	7.00	0.00
107	17	673 910.00	673 910.00	673 910.00	4.00	6.00
107	18	673 910.00	673 910.00	673 910.00	4.00	6.00
107	19	673 910.00	673 910.00	673 910.00	4.00	6.00
107	20	674 492.00	674 492.00	674 492.00	4.00	6.00
107	21	676 861.00	676 861.00	676 861.00	4.00	5.00
107	22	673 910.00	673 910.00	673 910.00	4.00	6.00
107	23	674 258.00	674 258.00	674 258.00	4.00	6.00
107	24	677 480.00	677 480.00	677 480.00	4.00	5.00
108	1	792 523.40	807 557.00	788 324.00	0.20	0.00
108	2	819 068.60	838 054.00	803 163.00	1.20	0.00
108	3	779 465.40	788 916.00	769 273.00	0.20	0.00
108	4	773 420.40	788 562.00	759 441.00	0.20	0.00
108	5	789 907.40	796 547.00	784 400.00	0.40	0.00
108	6	811 310.40	846 476.00	788 912.00	0.40	0.00
108	7	774 488.00	785 877.00	760 262.00	0.00	0.00
108	8	774 299.80	794 014.00	759 052.00	0.20	0.00
108	9	785 200.60	796 214.00	773 042.00	0.20	0.00
108	10	795 686.40	810 606.00	788 020.00	0.60	0.00
108	11	751 060.00	751 060.00	751 060.00	0.00	0.00
108	12	751 251.80	752 019.00	751 060.00	0.00	0.00
108	13	786 532.60	802 799.00	777 560.00	0.40	0.00
108	14	800 042.00	809 791.00	788 912.00	0.60	0.00
108	15	769 074.00	785 477.00	759 655.00	0.20	0.00





108	16	765 451.60	770 730.00	758 671.00	0.00	0.00
108	17	837 090.00	837 090.00	837 090.00	1.00	1.00
108	18	875 975.00	875 975.00	875 975.00	2.00	1.00
108	19	875 975.00	875 975.00	875 975.00	2.00	1.00
108	20	889 499.00	889 499.00	889 499.00	2.00	1.00
108	21	886 526.00	886 526.00	886 526.00	2.00	1.00
108	22	886 526.00	886 526.00	886 526.00	2.00	1.00
108	23	886 526.00	886 526.00	886 526.00	2.00	1.00
108	24	889 499.00	889 499.00	889 499.00	2.00	1.00

Founding Members



