John Quirke

Cara Mia Cottage

Meanus, Limerick V35 N668

Email johnquirke@consiglio.ie

The Secretary,
An Coimisiún Pleanála,
64 Marlborough Street,
Dublin 1,
D01 V902
Case reference: PAX91.323780

Date: November 17th 2025

Re: 10 year planning permission for Ballinlee Wind Farm consisting of 17 no. wind turbines, a permanent 110kV substation and ancillary development. Located in Ballincurra, Ballingayrour, Ballinlee North & South, Ballinrea, Ballyreesode, Camas North & South, Carrigeen, Knockuregare, Ballybane and other townlands in County Limerick.

To Whom It May Concern,

I John Quirke write in connection with the above listed planning application at Ballincurra, Ballingayrour, Ballinlee North & South, Ballinrea, Ballyreesode, Camas North & South, Carrigeen, Knockuregare, Ballybane and other townlands in County Limerick.

I recognise the importance of wind energy in meeting Ireland's national renewable energy targets and addressing climate change. Indeed I spent a considerable portion of my career developing and operating renewable energy plant including wind power plants. However this development is unsuitable for this location and fails to take proper account of the environment, social and cultural impacts on the local area.

This wind farm would permanently alter the rural character of the area and expose nearby residents to health and amenity risks, devalue local properties, and threaten the long-term sustainability of our community. For these reasons, I ask the Board refuse planning permission.

This submission is focussed on technical aspects of the proposed wind power plant and in particular on the low energy yield from the plant and the improper arraying of the turbines.

Having spent many years in the industry I know only too well the consequence of improperly siting and arraying wind turbines

I therefore strongly urge that this development be rejected for the reasons outlined herein as follows:

There is an insufficient wind resource at Ballinlee to justify a wind park.

Executive summary

In choosing the Ballinlee site the developer ignored the science based wind energy atlas.

The developer did not properly measure the wind at the site and relied on a science that takes interval and instantaneous estimates of the wind speed and has no proper measurement information to justify the site selection.

The site selection appears to be based solely on the availability of land contracts and an incorrect designation of the Balinlee area as included in the regional renewable energy development plan.

The wind energy produced on this site would be just over half of the energy produced in a comparable wind plant in a proper wind regime.

The energy produced will be further reduced by the packed array of the turbines, further eroding the production of energy by between 20% and 40%

In the absence of actual wind measurement the developer has stated a wind speed on the site based on consultation with the wind energy atlas, which the LCCC was told to ignore in the development of the renewable energy development area.

The developer's stated wind speed from the atlas is wrong.

There has rightly been a sharp focus on the health dangers posed by proximity to wind turbines and this submission questions why a community should be exposed to these serious risks to life and health for so little return.

In the preamble to the Limerick County Development Plan the Chief Executive states

> "The Submission by the Irish Wind energy Association recommend that the SEAI wind atlas or any similar general wind resource data not be used as a constraint when developing and zoning areas for renewable energy development"

Thus the LCCC development map that is the basis for wind development locating in Ballinlee, ignored science based data that clearly indicates that the Ballinlee area has a poor wind regime for wind energy generation and is geographically and socially altogether unsuitable for a wind plant. This recommendation to LCCC was provided by IWEA, a lobby group who's sole interest

is in getting wind turbines into the ground. It should be noted that in the 2006 Wind Energy Guidelines the SEAI map is referenced as an invaluable source of information in siting a windfarm.

Section 3.5 of the 2006 Wind Energy Guidelines reads:

"Assess the areas of wind potential ranging from areas with extensive wind energy resources to lesser wind resources using Sustainable Energy Ireland's Wind Atlas for Ireland. The Wind Atlas for Ireland displays wind speeds at 50 metres, 75 metres and 100 metres above ground level"

Section 3.4 of the Guidelines reads:

"Objectives to secure the maximum potential from the wind energy resources of the planning authority's area commensurate with supporting development that is consistent with proper planning and sustainable development;

and

"The identification on development plan maps of the key areas within the planning authority's functional area where there is significant wind energy potential and where, subject to criteria such as design and landscape planning, natural heritage, environmental and amenity considerations, wind energy development will be acceptable in principle

When the atlas (or any similar reference atlas) is consulted it is immediately apparent that the wind regime at Ballinlee is weak (Class IV in the parlance of the wind industry). A copy of the wind atlas for the Limerick area and surrounds is appended to this submission. For reference bright colours indicate higher wind speeds and the darker colours (blue) indicate lower wind speeds. The Green dots on the map indicate the locations of existing wind plants and it is immediately apparent that these existing facilities are located in "hotter" and more appropriate wind regimes. Examination of the Limerick area on the atlas reveals:

- The Balinlee area is in the dark zone of the atlas showing wind speeds at 100 metres height above ground of 7.0 to 7.1 m/s, 7.1 to 7.2 m/s, 7.2 to 7.3 m/s and 7.3 to 7.4 m/s. , when the cursor is placed at intervals over the Ballinlee footprint on the interactive map. This is the windspeed on the wind map indicated at 100metres height above ground and an average wind speed for the site is indicated at best of 7.25m/s. However the proposed hub height of the Ballinlee plant is 92 metres above ground and a wind shear factor needs to be applied as follows;

  Wind shear formula V2=V1(H2/H1)to the power of the wind shear index.

  Where V2 is the target wind speed
  V1 is the data wind speed at the reference height
  H2 is the hub height
  H1 is the reference height
  And The wind shear index is an empirical number based on science and observation developed by the wind industry technologists.

  A mean value wind shear index for a planar site such as Ballinlee is 0.14 and therefore:

  Ballinlee hub height wind speed = 7.25(92/100)^0.14 = 7.165 m/s

It should also be noted that the formula also reveals the wind speeds at the bottom and top of the turbine sweep as 5.94m/s and 7.74m/s which is a troubling wind speed variation across the face of the wind turbine and which will lead to issues with fatigue and turbulence in the operation of the wind turbine. Wind sheer indices are less accurate over larger height variations and the developer while not bothering to measure the raw wind speed on the site has employed LIDAR technology which will have given him instantaneous and short interval indications of wind speeds and wind shear at the site. The developer has not shared this information, neither indicated instantaneous/short interval wind speed nor indicated wind shear. Nevertheless he has in section three of the EIRR stated that the wind speed at the site is 7.5.7.6m/s and stated that this estimate was extracted from the wind atlas, that same atlas that the industry lobbyists told Limerick City and County Council to ignore. The statement of the wind speed is incorrect and based on the energy capture for a wind turbine the energy produced will be less than the developer is indicating as follows:

Energy capture for a wind turbine = 0.5ARoe(V)^3

A = The swept Area
Roe = the density of the motive medium
And V = The wind Speed

As a wind speed of 7.165 is 94.9% of 7.55 the energy capture will be, as a function of the cube of the wind speed or **85.46%** of what the developer is suggesting.

- Existing wind farms in the region are located in the brighter faster wind locations with wind speeds typically in the 8.5 to 8.7 metres per second speed, a mean speed 8.6m/s.

Accordingly, Ballinlee wind is 83.31% of the average for the fleet of wind farms. Under the turbine energy capture formula above the Ballinlee generation will be 57.8% of the average for the fleet of windfarms in the surrounding region. Publicly available information on wind energy in Ireland put the Irish wind fleet national capacity factor, which is the amount of energy produced by a wind turbine as a percentage of the theoretical maximum at 23.5%. This suggests that the capacity factor of the Ballinlee wind farm will be a measly 13.585%.

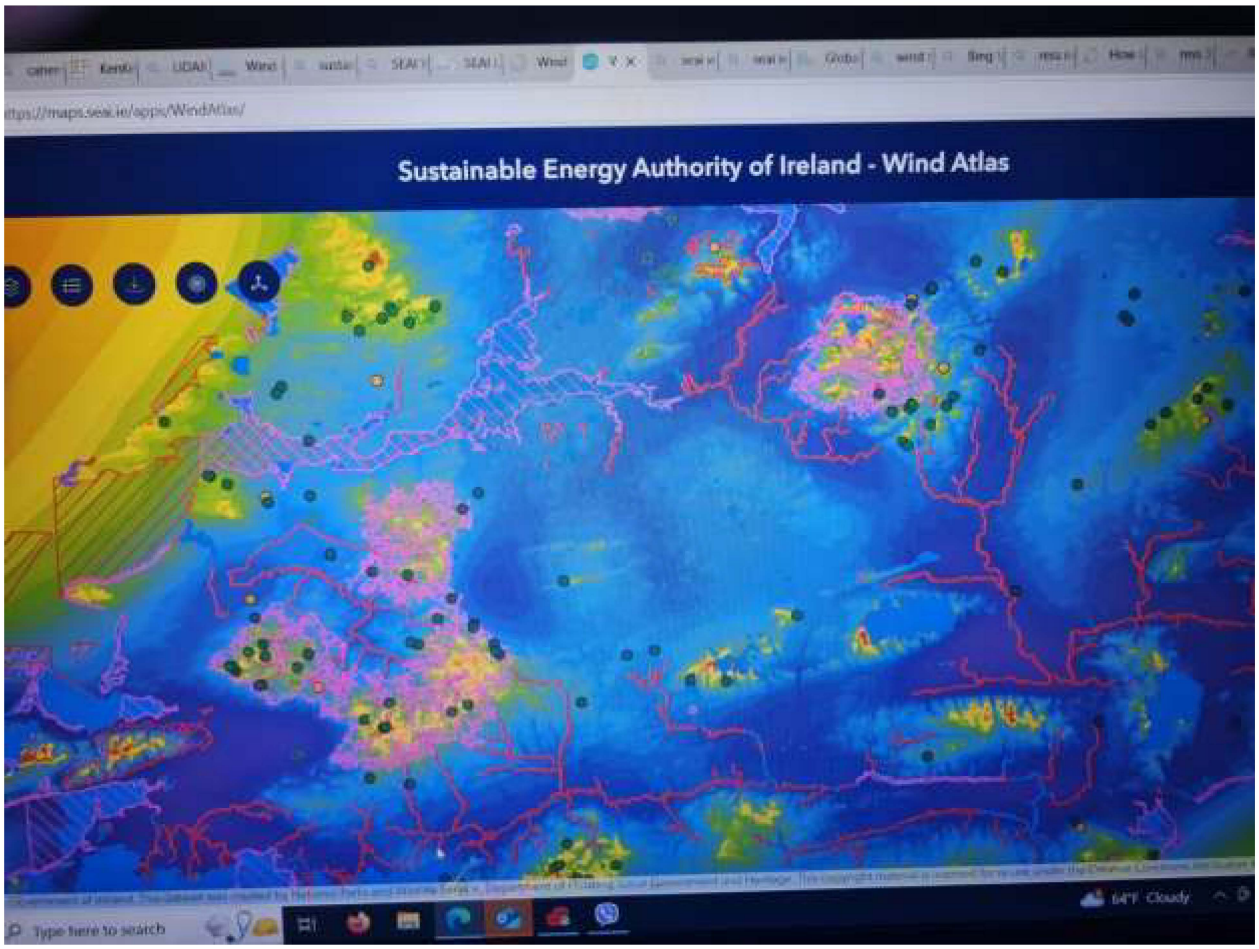
Ballinlee Wind has other disadvantages in its prospects for wind energy capture.

- In an effort to capture SID treatment by exceeding 50 MegaWatts of capacity the turbines are too close together and will "wake" each other. That is to say the wind will be disturbed on striking the first turbine and will be turbulent when striking the following turbines behind and beside. This array wake effect as more fully illustrated elsewhere in a submission on waking will further reduce the capacity factor at Ballinlee by as much as 20% to 40% with a potential reduction in capacity factor to between 10.868% and 8.15%
- Again in an effort to capture SID treatment the developer is utilising 4.5 – 5 MegaWatt turbines. Huge, with more inertia and requiring higher wind speeds for cut in and operations and thus again reducing capacity factor.

- The blade sweep from top to bottom is 136 metres. The top and bottom speeds are calculated above. The wind speed will be different from the bottom to the top of the capture area further reducing the performance of the turbine. This is an issue for all wind turbines but is especially so for turbines of the size where the vertical sweep is such are large distance and the bottom of the sweep is so low to the ground.

While it is perfectly possible that low energy producing turbines may work from the financial perspective for the developer given the new curtailment payment paid without risk, export credit payments and carbon credit payments, the payout to the Irish consumer is very poor. Less efficient wind turbines inevitably will increase the cost of power to the consumer. As more and more low output wind turbines are located in poor wind regimes the pressure on the power price to the consumer will increase; a consequence of ignoring the science based atlas, science in general and opening the wrong spaces to development

This is a poor and science agnostic project that will blight lives and endanger health with little or no payback to anybody except the developer.



Turbine Spacing Issues

Executive Summary

The Turbines are in violation of the 2006 Wind Energy Guidelines for proximity to adjoining properties.

The turbines are in violation of 2006 Wind Energy Guidelines for safe waking distance separation

There are significant impacts to this close arraying of wind turbines:

- Amplification and increased numbers of noise impacts at each receptor
- Catastrophic increase in visual impacts from multiple turbines within the critical distance from receptors
- Multiple instances of shadow flicker at large number of receptors
- Reduced energy production due to waking
- Operational issues due to turbulence and fatigue

Wind Turbine Spacing

The spacing between turbines at the proposed wind plant are in breach of the 2006 wind energy guidelines where in Section 5.13 it is stated that:

"Bearing in mind the

requirements for optimal performance, a distance of not less than

two rotor blades from adjoining property boundaries will generally

be acceptable, unless by written agreement of adjoining landowners

to a lesser distance.

"to ensure optimal performance and to account for

turbulence and wake effects, the minimum distances between

wind turbines will generally be three times the rotor diameter

(=3d) in the crosswind direction and seven times the rotor diameter

(=7d) in the prevailing downwind direction."

The breaches are numerous and material and will have serious material impacts on the receptors in the locale.

The breaches to adjoining properties are detailed as follows:

Folio	Turbine Number	Required Setback (m)	Actual Setback (m)	Percentage of Required Setback	
LK 13481	T1	272	110	40.44%	
LK 4838	T2	272	110	40.44%	
LK 7387F	T2	272	130	47.8%	

LK 12589	T3	272	88	32.4%		
LK 7387F	T3	272	82	30.1%		
LK 1992F	T5	272	128	47.0%		
LK 4915F	T6	272	80	29.4%		
LK 71	T9	272	104	38.2%		
LK 6258	T15	272	81	29.8%		

The breaches to the waking distance requirements are as follows:

The table below is a matrix indicating the distances between turbines in the wind park. For simplicity the table is split between the north cluster of five turbines (T1—T5) and the south cluster of 12 turbines (T6—T17)

North Cluster Turbines T1-T5 Distance in Metres

	1	2	3	4	5
1	-	417	730	931	1,207
2	417	-	400	1,205	1,525
3	730	400	-	1,242	1,589
4	931	1,205	1,242	-	349
5	1,207	1,525	1,589	349	-

South Cluster Turbines T6-T17 Distance in metres

	6	7	8	9	10	11	12	13	14	15	16	17
6	-	406	889	1,251	829	1,218	1,593	1,242	1,613	1,873	1,465	1,811

7	406	-	517	855	592	896	1,252	1,167	1,523	1,824	1,227	1,622
8	889	517	-	384	364	411	740	991	1,282	1,609	820	1,247
9	1,251	855	384	-	689	442	559	1,231	1,452	1,780	876	1,293
10	829	592	364	689	-	429	806	644	967	1,285	644	1,030
11	1,218	896	411	442	429	-	380	813	1,011	1,338	446	875
12	1,593	1,252	740	559	806	380	-	1,049	1,131	1,432	508	837
13	1,242	1,167	991	1,231	644	813	1,049	-	370	657	574	671
14	1,613	1,523	1,282	1,452	967	1,011	1,131	370	-	329	625	457
15	1,873	1,824	1,609	1,780	1,285	1,338	1,432	657	329	-	936	657
16	1,465	1,227	820	876	644	446	508	574	625	936	-	430
17	1,811	1,622	1,247	1,293	1,030	875	837	671	457	657	430	-

In the Ballinlee area the wind rose indicates the prevailing wing coming from the South, South West, West quadrants and the following tables indicate the 2006 guidelines waking breaches for a South West wind:

North Cluster T1-T5

	1	1	1	1	1
1		DW			
2	UW		DW		
3		UP			
4					CW
5				CW	

Colours indicate a breach of the guidelines where a turbine in Red is downwind of a corresponding front turbine indicated in Yellow.

Brown indicates a pair of turbines in crosswind breach

South Cluster T6-T17

	6	7	8	9	10	11	12	13	14	15	16	17
6		DW			CW							
7	UP		CW		CW							
8		CW		DW	UW	CW	CW					
9			UP			UP	CW					
10	CW	CW	DW			DW						
11			CW	DW	UP						UP	
12			CW	CW							UP	
13									CW			
14								CW		UP		DW
15									DW			
16						DW	DW					UP
17									UP		DW	

Similar exercises can be performed for South and West wind and the results are broadly similar. These breaches are not minor, they are major in terms of how closely these turbines are packed together. The quantum of the breach is tabulated below where the actual distances between the non compliant turbines are expressed as a percentage of the 2006 guidelines. Also the distances as a percentage of the industry guidelines of 3.5 to 5 diameters crosswind and 6 to 10 diameters downwind are tabulated. The conclusion is that these arrays are manifestly in breach of the national guidelines as well as the wind industry itself.

Crosswind Violations Both Clusters

					2006 3XDia 396	Ind Min 3.5XDia 462	Ind. Res 5XDia 660
Violation	4	CW of	5	406	103%	88%	62%
Violation	7	CW of	10	592	149%	128%	90%
Violation	7	CW of	8	517	131%	112%	78%
Violation	8	CW of	11	740	187%	160%	112%
Violation	8	CW of	12	740	187%	160%	112%
Violation	9	CW of	12	559	141%	121%	85%
Violation	13	CW of	14	370	93%	80%	56%

2006 shows 2006 Guidelines indicating 1 breach.

In. Min shows the wind industry minimum recommended distance crosswind indicating 2 breaches.

Ind Res shows wind industry recommended distance crosswind indicating 5 breaches

Downwind Violations Both Clusters

				2006 7XDia 924	Ind. Min 6XDia 792	Ind Rec. 10XDia 1320
1	DW of	3	730	79%	92%	55%
2	DW of	3	400	43%	51%	30%
6	DW of	7	406	44%	51%	31%
10	DW of	8	364	39%	46%	28%
10	DW of	11	429	46%	54%	33%
11	DW of	9	442	48%	56%	33%
14	DW of	17	457	49%	58%	35%
15	DW of	14	329	36%	42%	25%
16	DW of	11	446	48%	56%	34%
16	DW of	12	508	55%	64%	38%
17	DW of	16	430	47%	54%	33%
8	DW of	9	384	42%	48%	29%
14	DW of	16	625	68%	79%	47%
13	DW of	16	574	62%	72%	43%

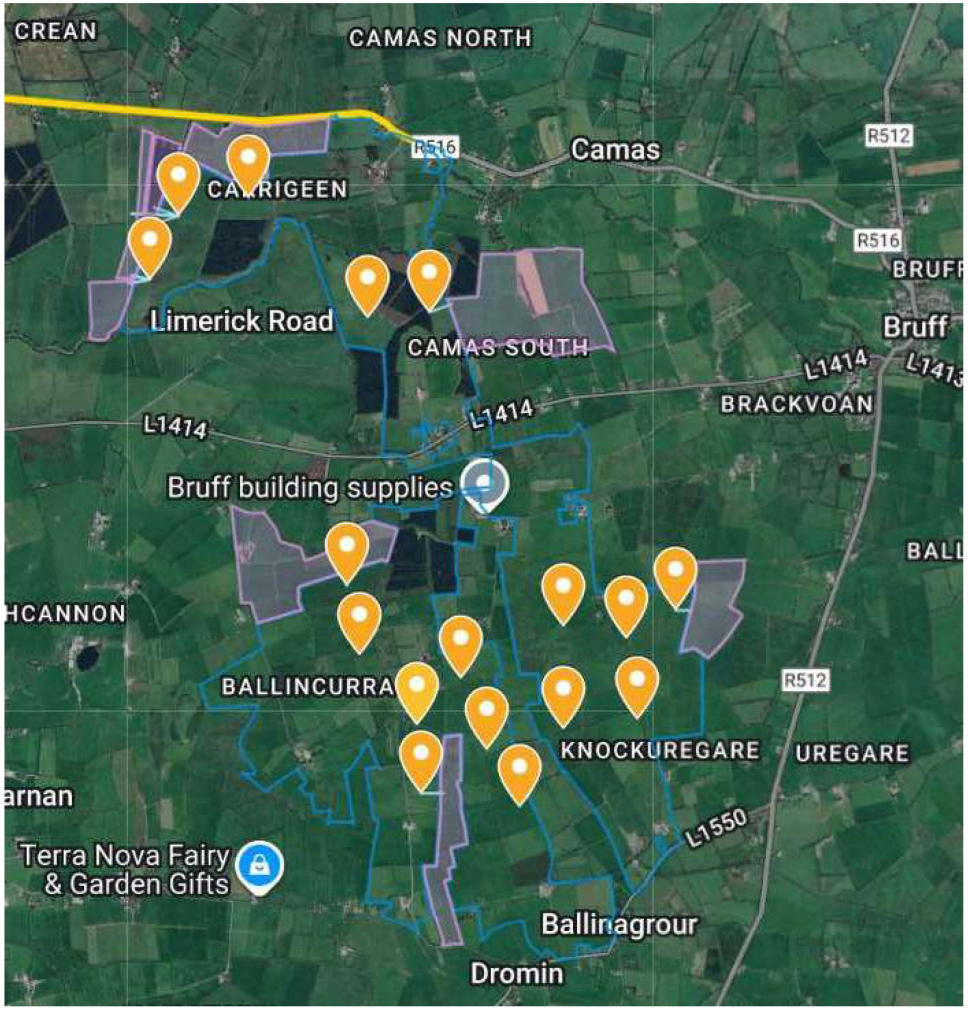
2006 shows 2006 Guidelines indicating 14 breaches.

In. Min shows the wind industry minimum recommended distance downwind indicating 14 breaches.

Ind Res shows wind industry recommended distance downwind indicating 14 breaches

These tabulated results show a situation where the arraying of the turbines is in a manner with the sole intention of packing the maximum number of turbines into a space that is far too small and this has been done with a flagrant disregard for proper industry practice or the health of the people living in and around the area.

The map below shows the reality of these close arraying for the north and south clusters:



The impacts to the people living in the locale are serious and material in terms of Noise, Visual Impact and Shadow Flicker and to understand this it is necessary to review the results of the proximity survey that was performed by BDA Community Group. The developer identified over 550 receptors in and around the site and arrayed the turbines in a partly successful effort to comply with the 2006 receptor setback guidelines. BDA has sieved through this large quantity of often misleading information and has identified the receptors that will be most affected by the wind park. These receptors are overwhelmingly the homes of the families living in the area. The summary of the receptor analysis is as follows:

Allowing for 30 metres curtilage at the receptors there are 14 instances of a potential breach of the setback guidelines. There are 105 instances of turbines being within 860 metres of a receptor. There are 330 instances of a turbine being within 1,100 metres of a receptor and 950 instances of a turbine being within 1,500 metres of a receptor. The reason there are more instances than there are receptors is because the are many instances of there being multiple turbines within the above distances for a single receptor. The reality is that many of the receptors are not relevant to a proper analysis of the impact on the local community of these close array packing of turbines. A more meaningful analysis is to examine the 202 receptors that are impacted by two or more turbines as follows:

Receptors with 2 turbines within 1,500m	42	
Receptors with 3 turbines within 1,500m	53	
Receptors with 4 turbines within 1,500m	29	
Receptors with 5 turbines within 1,500m	42	
Receptors with 6 turbines within 1,500m	16	
Receptors with 7 turbines within 1,500m	10	
Receptors with 8 turbines within 1,500m	2	
Receptors with 9 turbines within 1,500m	3	
Receptors with 10 turbines within 1,500m	1	
Receptors with 11 turbines within 1,500m	1	
Receptors with 12 turbines within 1,500m	3	
Total	202	

In plain language 36 receptors will have between 6 and 12 turbines between 640 and 1,500 metres from their location. Obviously in cases of multiple turbines many of them are close and the tabulation below identifies two cases where there are 12 and 7 turbines within 1,500

metres. The colour code indicates the actual distances of each individual turbine. A full listing for 6 or more turbines as well as the full listing is attached to this paper as Appendix 1 and Appendix 2

Examination of these appendices and in particular Appendix 1 illustrates the magnitude of the impact this project will have on the area. Homesteads will be surrounded by these machines and a closer examination of the impacts than developer assurances that it will all be OK is absolutely necessary.

It is clear that the exponential increase in these impacts is due to the developer ignoring both national and industry guidelines. This despite the developer repeatedly "assuring" local people that everything is been done to protect the community.

While this paper is focused on the impacts to humans the sheer magnitude of the disturbance calls into question the hugely amplified impacts to flora, fauna, hydrology, erosion, destruction of lands and roadways

It also calls into question the value of the project as an electricity generating facility. Industry studies have shown that wake effects and in particular downwind wake effects where industry norms are ignored can cause a reduction in power produced as a percentage of the undisturbed wind flow of 20% to 40%. As this array is at the extreme end of violation of the industry and 2006 guidelines we may expect that the energy produced will be approaching 40% lower than from an un-waked array. Given that the wind regime at Ballinlee is already significantly lower than all other windfarms in the region as more fully explained elsewhere in this submission, BDA Community Group questions how this miserable return for such disturbance and impact to the community is in the national interest.

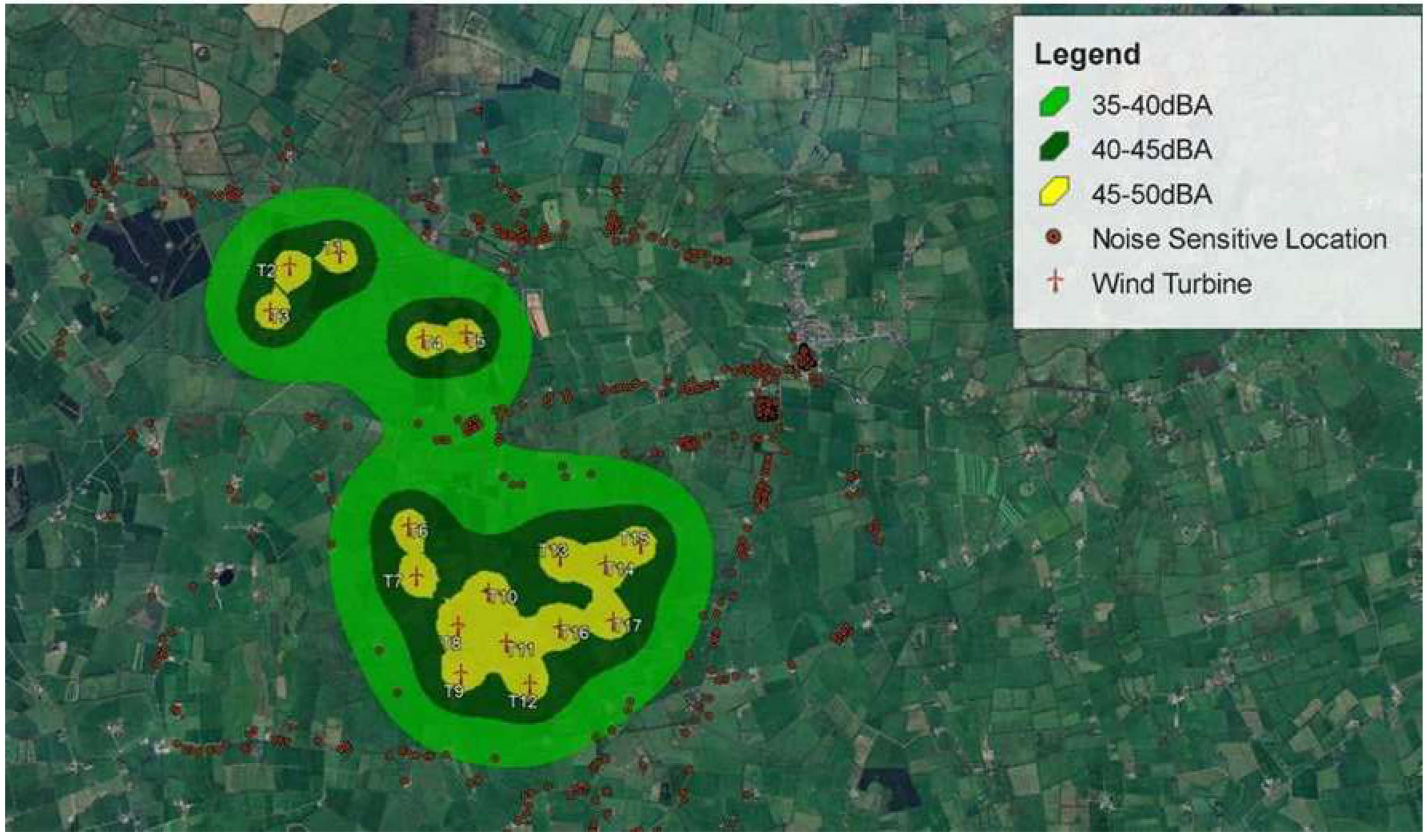
Turbine Proximity for Receptor NSL048

NSL048	**560349**	**635117**						
			1	559035	636918	2,229	0	0	0	0
			2	558629	636821	2,421	0	0	0	0
			3	558471	636454	2,305	0	0	0	0
			4	559699	636266	1,320	0	0	0	1

			5	560048	636262	1,184	0	0	0	1	
			6	559575	634719	870	0	0	1	1	
			7	559635	634317	1,072	0	0	1	1	
			8	559967	633921	1,256	0	0	0	1	
			9	559988	633538	1,620	0	0	0	0	
			10	560213	634189	938	0	0	1	1	
			11	560355	633784	1,333	0	0	0	1	
			12	560540	633452	1,676	0	0	0	0	
			13	560792	634470	784	0	1	1	1	
			14	561156	634401	1,079	0	0	1	1	
			15	561442	634564	1,225	0	0	0	1	
			16	560787	633896	1,297	0	0	0	1	
			17	561214	633948	1,454	0	0	0	1	12
			Turbine Proximity for Receptor NSL157								
NSL157	560265	632851	1	559035	636918	4,249	0	0	0	0	
			2	558629	636821	4,294	0	0	0	0	
			3	558471	636454	4,025	0	0	0	0	
			4	559699	636266	3,462	0	0	0	0	
			5	560048	636262	3,418	0	0	0	0	

6	559575	634719	1,991	0	0	0	0
7	559635	634317	1,596	0	0	0	0
8	559967	633921	1,111	0	0	0	1
9	559988	633538	741	0	1	1	1
10	560213	634189	1,339	0	0	0	1
11	560355	633784	937	0	0	1	1
12	560540	633452	661	1	1	1	1
13	560792	634470	1,703	0	0	0	0
14	561156	634401	1,788	0	0	0	0
15	561442	634564	2,078	0	0	0	0
16	560787	633896	1,168	0	0	0	1
17	561214	633948	1,451	0	0	0	1

Noise experienced by receptors will be greatly amplified by the presence of multiple turbines and waking in the array impacting the receptor. The simplistic map below is being used by the developer to explain away the noise story. A poor science pictorial based on noise emissions from a single source. The science says the reality will be very different.



Barlas, Zu, Shen and Andersen of the TU Denmark have studied the issues around measuring noise emissions from wind turbines and arrays of wind turbines. Their conclusions include the following:

Wind farm noise predictions using the industry method (ISO9613-2) are merely approximations

There is a high level of uncertainty due to the simplistic assumptions made. (as evidenced by the above map)

Accuracies are subject to an error of 6dB which at sounds of 40dB is effectively approaching a doubling

Predictions in planning applications generally use optimistic noise model inputs that give optimistic results. (Ground absorption, sound power levels, no site effects). Again this is evidenced by the simple map.

If estimates prepared by developers are already simplistic and optimistic what then of the developers assurances in the presence of multiple arrays of turbines.

Arrays such as this will multiply the sound signature of the single turbine as well as adding turbulent noise, amplitude modulation and increased infrasound. Amplitude modulation which the developer has not addressed cannot be measured for an array such as we have here. As noted on the Denbrooke wind farm in New Zealand the method of measuring amplitude modulation (NZS6808:2010) is not fit for anything other than a single turbine.

Simply put this array wind farm will generate noise far in excess of what the developer states and far in excess of what people living in the area can bear.

This is a direct result of the developer breaching the turbine spacing guidelines

The fact that receptors will be surrounded by multiple windmills needs no elaboration on the level of impact that the receptors with multiple wind turbines in their viewshed will experience. A panorama filled with spinning machines will disturb the senses in a manner that is not measurable but which will cause dizziness, nausea, fits(in those susceptible) and an enduring sense that Ballinlee is an industrial landscape.

The developer's statement that the wind turbines will blend into the landscape and enhance the community is both farcical and insulting.

Shadow flicker will be multiplied at each receptor as there will be multiple machines casting shadows on the receptor.

This destruction of the viewshed and increase in shadow flicker is entirely due to the developer breaching the turbine spacing guidelines.

The developer has breached the 2006 guidelines relating to set back multiple times and the BDA Community Group requestes that the application for approval of the Ballinlee Green Wind plant be rejected

Appendix 1 – 6 to 12 within 1,500 metres

NSL048	**560349**	**635117**						
			1	559035	636918	2,229	0	0	0	0
			2	558629	636821	2,421	0	0	0	0
			3	558471	636454	2,305	0	0	0	0
			4	559699	636266	1,320	0	0	0	1
			5	560048	636262	1,184	0	0	0	1
			6	559575	634719	870	0	0	1	1
			7	559635	634317	1,072	0	0	1	1
			8	559967	633921	1,256	0	0	0	1
			9	559988	633538	1,620	0	0	0	0
			10	560213	634189	938	0	0	1	1
			11	560355	633784	1,333	0	0	0	1
			12	560540	633452	1,676	0	0	0	0
			13	560792	634470	784	0	1	1	1
			14	561156	634401	1,079	0	0	1	1
			15	561442	634564	1,225	0	0	0	1
			16	560787	633896	1,297	0	0	0	1

			17	561214	633948	1,454	0	0	0	1
NSL370	560495	635055	1	559035	636918	2,367	0	0	0	0
			2	558629	636821	2,569	0	0	0	0
			3	558471	636454	2,460	0	0	0	0
			4	559699	636266	1,449	0	0	0	1
			5	560048	636262	1,287	0	0	0	1
			6	559575	634719	979	0	0	1	1
			7	559635	634317	1,133	0	0	0	1
			8	559967	633921	1,251	0	0	0	1
			9	559988	633538	1,599	0	0	0	0
			10	560213	634189	911	0	0	1	1
			11	560355	633784	1,279	0	0	0	1
			12	560540	633452	1,604	0	0	0	0
			13	560792	634470	656	1	1	1	1
			14	561156	634401	930	0	0	1	1
			15	561442	634564	1,067	0	0	1	1
			16	560787	633896	1,195	0	0	0	1

			17	561214	633948	1,320	0	0	0	1
NSL422	**560423**	**635053**	1	559035	636918	2,325	0	0	0	0
			2	558629	636821	2,519	0	0	0	0
			3	558471	636454	2,403	0	0	0	0
			4	559699	636266	1,413	0	0	0	1
			5	560048	636262	1,266	0	0	0	1
			6	559575	634719	911	0	0	1	1
			7	559635	634317	1,078	0	0	1	1
			8	559967	633921	1,220	0	0	0	1
			9	559988	633538	1,576	0	0	0	0
			10	560213	634189	889	0	0	1	1
			11	560355	633784	1,271	0	0	0	1
			12	560540	633452	1,605	0	0	0	0
			13	560792	634470	690	0	1	1	1
			14	561156	634401	981	0	0	1	1
			15	561442	634564	1,130	0	0	0	1
			16	560787	633896	1,213	0	0	0	1

			17	561214	633948	1,359	0	0	0	1
NSL057	560850	635115	1	559035	636918	2,558	0	0	0	0
			2	558629	636821	2,801	0	0	0	0
			3	558471	636454	2,730	0	0	0	0
			4	559699	636266	1,628	0	0	0	0
			5	560048	636262	1,400	0	0	0	1
			6	559575	634719	1,335	0	0	0	1
			7	559635	634317	1,454	0	0	0	1
			8	559967	633921	1,485	0	0	0	1
			9	559988	633538	1,797	0	0	0	0
			10	560213	634189	1,124	0	0	0	1
			11	560355	633784	1,420	0	0	0	1
			12	560540	633452	1,692	0	0	0	0
			13	560792	634470	648	1	1	1	1
			14	561156	634401	777	0	1	1	1
			15	561442	634564	809	0	1	1	1
			16	560787	633896	1,221	0	0	0	1

			17	561214	633948	1,222	0	0	0	1
NSL306	560831	635197	1	559035	636918	2,487	0	0	0	0
			2	558629	636821	2,736	0	0	0	0
			3	558471	636454	2,674	0	0	0	0
			4	559699	636266	1,557	0	0	0	0
			5	560048	636262	1,322	0	0	0	1
			6	559575	634719	1,344	0	0	0	1
			7	559635	634317	1,485	0	0	0	1
			8	559967	633921	1,541	0	0	0	0
			9	559988	633538	1,861	0	0	0	0
			10	560213	634189	1,182	0	0	0	1
			11	560355	633784	1,491	0	0	0	1
			12	560540	633452	1,769	0	0	0	0
			13	560792	634470	728	0	1	1	1
			14	561156	634401	860	0	1	1	1
			15	561442	634564	880	0	0	1	1
			16	560787	633896	1,302	0	0	0	1

			17	561214	633948	1,306	0	0	0	1
NSL166	561081	633016	1	559035	636918	4,406	0	0	0	0
			2	558629	636821	4,527	0	0	0	0
			3	558471	636454	4,316	0	0	0	0
			4	559699	636266	3,532	0	0	0	0
			5	560048	636262	3,406	0	0	0	0
			6	559575	634719	2,273	0	0	0	0
			7	559635	634317	1,945	0	0	0	0
			8	559967	633921	1,435	0	0	0	1
			9	559988	633538	1,211	0	0	0	1
			10	560213	634189	1,459	0	0	0	1
			11	560355	633784	1,057	0	0	1	1
			12	560540	633452	695	0	1	1	1
			13	560792	634470	1,482	0	0	0	1
			14	561156	634401	1,387	0	0	0	1
			15	561442	634564	1,590	0	0	0	0
			16	560787	633896	928	0	0	1	1

			17	561214	633948	941	0	0	1	1
NSL165	561361	633302	1	559035	636918	4,300	0	0	0	0
			2	558629	636821	4,455	0	0	0	0
			3	558471	636454	4,276	0	0	0	0
			4	559699	636266	3,398	0	0	0	0
			5	560048	636262	3,238	0	0	0	0
			6	559575	634719	2,280	0	0	0	0
			7	559635	634317	2,002	0	0	0	0
			8	559967	633921	1,525	0	0	0	0
			9	559988	633538	1,393	0	0	0	1
			10	560213	634189	1,451	0	0	0	1
			11	560355	633784	1,116	0	0	0	1
			12	560540	633452	835	0	1	1	1
			13	560792	634470	1,299	0	0	0	1
			14	561156	634401	1,118	0	0	0	1
			15	561442	634564	1,265	0	0	0	1
			16	560787	633896	826	0	1	1	1

			17	561214	633948	663	1	1	1	1
NSL516	561344	633225	1	559035	636918	4,355	0	0	0	0
			2	558629	636821	4,506	0	0	0	0
			3	558471	636454	4,322	0	0	0	0
			4	559699	636266	3,457	0	0	0	0
			5	560048	636262	3,302	0	0	0	0
			6	559575	634719	2,315	0	0	0	0
			7	559635	634317	2,028	0	0	0	0
			8	559967	633921	1,543	0	0	0	0
			9	559988	633538	1,392	0	0	0	1
			10	560213	634189	1,486	0	0	0	1
			11	560355	633784	1,136	0	0	0	1
			12	560540	633452	835	0	1	1	1
			13	560792	634470	1,362	0	0	0	1
			14	561156	634401	1,191	0	0	0	1
			15	561442	634564	1,343	0	0	0	1
			16	560787	633896	872	0	0	1	1

			17	561214	633948	735	0	1	1	1
NSL430	561210	633072	1	559035	636918	4,418	0	0	0	0
			2	558629	636821	4,552	0	0	0	0
			3	558471	636454	4,352	0	0	0	0
			4	559699	636266	3,533	0	0	0	0
			5	560048	636262	3,395	0	0	0	0
			6	559575	634719	2,321	0	0	0	0
			7	559635	634317	2,008	0	0	0	0
			8	559967	633921	1,505	0	0	0	0
			9	559988	633538	1,308	0	0	0	1
			10	560213	634189	1,497	0	0	0	1
			11	560355	633784	1,113	0	0	0	1
			12	560540	633452	770	0	1	1	1
			13	560792	634470	1,459	0	0	0	1
			14	561156	634401	1,330	0	0	0	1
			15	561442	634564	1,510	0	0	0	0
			16	560787	633896	926	0	0	1	1

			17	561214	633948	876	0	0	1	1
NSL056	560307	635400	1	559035	636918	1,980	0	0	0	0
			2	558629	636821	2,199	0	0	0	0
			3	558471	636454	2,117	0	0	0	0
			4	559699	636266	1,058	0	0	1	1
			5	560048	636262	900	0	0	1	1
			6	559575	634719	1,000	0	0	1	1
			7	559635	634317	1,275	0	0	0	1
			8	559967	633921	1,518	0	0	0	0
			9	559988	633538	1,889	0	0	0	0
			10	560213	634189	1,215	0	0	0	1
			11	560355	633784	1,617	0	0	0	0
			12	560540	633452	1,962	0	0	0	0
			13	560792	634470	1,049	0	0	1	1
			14	561156	634401	1,311	0	0	0	1
			15	561442	634564	1,410	0	0	0	1
			16	560787	633896	1,579	0	0	0	0

			17	561214	633948	1,712	0	0	0	0
NSL164	561842	633678	1	559035	636918	4,287	0	0	0	0
			2	558629	636821	4,495	0	0	0	0
			3	558471	636454	4,367	0	0	0	0
			4	559699	636266	3,360	0	0	0	0
			5	560048	636262	3,146	0	0	0	0
			6	559575	634719	2,495	0	0	0	0
			7	559635	634317	2,298	0	0	0	0
			8	559967	633921	1,891	0	0	0	0
			9	559988	633538	1,859	0	0	0	0
			10	560213	634189	1,707	0	0	0	0
			11	560355	633784	1,491	0	0	0	1
			12	560540	633452	1,321	0	0	0	1
			13	560792	634470	1,315	0	0	0	1
			14	561156	634401	997	0	0	1	1
			15	561442	634564	972	0	0	1	1
			16	560787	633896	1,077	0	0	1	1

			17	561214	633948	684	0	1	1	1
NSL455	561729	633465	1	559035	636918	4,380	0	0	0	0
			2	558629	636821	4,569	0	0	0	0
			3	558471	636454	4,421	0	0	0	0
			4	559699	636266	3,459	0	0	0	0
			5	560048	636262	3,263	0	0	0	0
			6	559575	634719	2,492	0	0	0	0
			7	559635	634317	2,261	0	0	0	0
			8	559967	633921	1,820	0	0	0	0
			9	559988	633538	1,743	0	0	0	0
			10	560213	634189	1,680	0	0	0	0
			11	560355	633784	1,411	0	0	0	1
			12	560540	633452	1,189	0	0	0	1
			13	560792	634470	1,374	0	0	0	1
			14	561156	634401	1,097	0	0	1	1
			15	561442	634564	1,136	0	0	0	1
			16	560787	633896	1,036	0	0	1	1

			17	561214	633948	706	0	1	1	1
NSL501	560318	635436	1	559035	636918	1,960	0	0	0	0
			2	558629	636821	2,184	0	0	0	0
			3	558471	636454	2,109	0	0	0	0
			4	559699	636266	1,035	0	0	1	1
			5	560048	636262	869	0	0	1	1
			6	559575	634719	1,033	0	0	1	1
			7	559635	634317	1,311	0	0	0	1
			8	559967	633921	1,555	0	0	0	0
			9	559988	633538	1,926	0	0	0	0
			10	560213	634189	1,251	0	0	0	1
			11	560355	633784	1,652	0	0	0	0
			12	560540	633452	1,996	0	0	0	0
			13	560792	634470	1,076	0	0	1	1
			14	561156	634401	1,332	0	0	0	1
			15	561442	634564	1,423	0	0	0	1
			16	560787	633896	1,610	0	0	0	0

			17	561214	633948	1,737	0	0	0	0
NSL503	559334	633725	1	559035	636918	3,207	0	0	0	0
			2	558629	636821	3,175	0	0	0	0
			3	558471	636454	2,862	0	0	0	0
			4	559699	636266	2,567	0	0	0	0
			5	560048	636262	2,636	0	0	0	0
			6	559575	634719	1,023	0	0	1	1
			7	559635	634317	664	1	1	1	1
			8	559967	633921	663	1	1	1	1
			9	559988	633538	680	0	1	1	1
			10	560213	634189	994	0	0	1	1
			11	560355	633784	1,023	0	0	1	1
			12	560540	633452	1,237	0	0	0	1
			13	560792	634470	1,637	0	0	0	0
			14	561156	634401	1,943	0	0	0	0
			15	561442	634564	2,269	0	0	0	0
			16	560787	633896	1,463	0	0	0	1

			17	561214	633948	1,893	0	0	0	0
NSL146	559870	632882	1	559035	636918	4,121	0	0	0	0
			2	558629	636821	4,130	0	0	0	0
			3	558471	636454	3,836	0	0	0	0
			4	559699	636266	3,388	0	0	0	0
			5	560048	636262	3,385	0	0	0	0
			6	559575	634719	1,861	0	0	0	0
			7	559635	634317	1,454	0	0	0	1
			8	559967	633921	1,044	0	0	1	1
			9	559988	633538	667	1	1	1	1
			10	560213	634189	1,351	0	0	0	1
			11	560355	633784	1,024	0	0	1	1
			12	560540	633452	880	0	0	1	1
			13	560792	634470	1,836	0	0	0	0
			14	561156	634401	1,990	0	0	0	0
			15	561442	634564	2,302	0	0	0	0
			16	560787	633896	1,367	0	0	0	1

			17	561214	633948	1,715	0	0	0	0
NSL159	559743	632872	1	559035	636918	4,107	0	0	0	0
			2	558629	636821	4,103	0	0	0	0
			3	558471	636454	3,801	0	0	0	0
			4	559699	636266	3,394	0	0	0	0
			5	560048	636262	3,404	0	0	0	0
			6	559575	634719	1,855	0	0	0	0
			7	559635	634317	1,449	0	0	0	1
			8	559967	633921	1,073	0	0	1	1
			9	559988	633538	710	0	1	1	1
			10	560213	634189	1,398	0	0	0	1
			11	560355	633784	1,098	0	0	1	1
			12	560540	633452	986	0	0	1	1
			13	560792	634470	1,912	0	0	0	0
			14	561156	634401	2,082	0	0	0	0
			15	561442	634564	2,398	0	0	0	0
			16	560787	633896	1,462	0	0	0	1

			17	561214	633948	1,823	0	0	0	0
NSL160	559720	632871	1	559035	636918	4,105	0	0	0	0
			2	558629	636821	4,098	0	0	0	0
			3	558471	636454	3,794	0	0	0	0
			4	559699	636266	3,395	0	0	0	0
			5	560048	636262	3,407	0	0	0	0
			6	559575	634719	1,854	0	0	0	0
			7	559635	634317	1,448	0	0	0	1
			8	559967	633921	1,079	0	0	1	1
			9	559988	633538	719	0	1	1	1
			10	560213	634189	1,407	0	0	0	1
			11	560355	633784	1,112	0	0	0	1
			12	560540	633452	1,005	0	0	1	1
			13	560792	634470	1,925	0	0	0	0
			14	561156	634401	2,098	0	0	0	0
			15	561442	634564	2,415	0	0	0	0
			16	560787	633896	1,480	0	0	0	1

			17	561214	633948	1,842	0	0	0	0
NSL157	560265	632851	1	559035	636918	4,249	0	0	0	0
			2	558629	636821	4,294	0	0	0	0
			3	558471	636454	4,025	0	0	0	0
			4	559699	636266	3,462	0	0	0	0
			5	560048	636262	3,418	0	0	0	0
			6	559575	634719	1,991	0	0	0	0
			7	559635	634317	1,596	0	0	0	0
			8	559967	633921	1,111	0	0	0	1
			9	559988	633538	741	0	1	1	1
			10	560213	634189	1,339	0	0	0	1
			11	560355	633784	937	0	0	1	1
			12	560540	633452	661	1	1	1	1
			13	560792	634470	1,703	0	0	0	0
			14	561156	634401	1,788	0	0	0	0
			15	561442	634564	2,078	0	0	0	0
			16	560787	633896	1,168	0	0	0	1

			17	561214	633948	1,451	0	0	0	1
NSL252	558894	635545	1	559035	636918	1,380	0	0	0	1
			2	558629	636821	1,303	0	0	0	1
			3	558471	636454	1,003	0	0	1	1
			4	559699	636266	1,081	0	0	1	1
			5	560048	636262	1,359	0	0	0	1
			6	559575	634719	1,071	0	0	1	1
			7	559635	634317	1,434	0	0	0	1
			8	559967	633921	1,946	0	0	0	0
			9	559988	633538	2,286	0	0	0	0
			10	560213	634189	1,892	0	0	0	0
			11	560355	633784	2,288	0	0	0	0
			12	560540	633452	2,663	0	0	0	0
			13	560792	634470	2,181	0	0	0	0
			14	561156	634401	2,535	0	0	0	0
			15	561442	634564	2,730	0	0	0	0
			16	560787	633896	2,511	0	0	0	0

			17	561214	633948	2,817	0	0	0	0
NSL036	560320	635593	1	559035	636918	1,846	0	0	0	0
			2	558629	636821	2,090	0	0	0	0
			3	558471	636454	2,040	0	0	0	0
			4	559699	636266	916	0	0	1	1
			5	560048	636262	722	0	1	1	1
			6	559575	634719	1,148	0	0	0	1
			7	559635	634317	1,448	0	0	0	1
			8	559967	633921	1,709	0	0	0	0
			9	559988	633538	2,082	0	0	0	0
			10	560213	634189	1,408	0	0	0	1
			11	560355	633784	1,809	0	0	0	0
			12	560540	633452	2,152	0	0	0	0
			13	560792	634470	1,218	0	0	0	1
			14	561156	634401	1,456	0	0	0	1
			15	561442	634564	1,522	0	0	0	0
			16	560787	633896	1,760	0	0	0	0

			17	561214	633948	1,872	0	0	0	0
NSL331	560696	632616	1	559035	636918	4,612	0	0	0	0
			2	558629	636821	4,686	0	0	0	0
			3	558471	636454	4,436	0	0	0	0
			4	559699	636266	3,784	0	0	0	0
			5	560048	636262	3,703	0	0	0	0
			6	559575	634719	2,383	0	0	0	0
			7	559635	634317	2,005	0	0	0	0
			8	559967	633921	1,495	0	0	0	1
			9	559988	633538	1,162	0	0	0	1
			10	560213	634189	1,645	0	0	0	0
			11	560355	633784	1,217	0	0	0	1
			12	560540	633452	850	0	1	1	1
			13	560792	634470	1,856	0	0	0	0
			14	561156	634401	1,843	0	0	0	0
			15	561442	634564	2,086	0	0	0	0
			16	560787	633896	1,283	0	0	0	1

Case Reference PAX91.323780

			17	561214	633948	1,429	0	0	0	1
NSL065	**561059**	**635135**	1	559035	636918	2,697	0	0	0	0
			2	558629	636821	2,958	0	0	0	0
			3	558471	636454	2,905	0	0	0	0
			4	559699	636266	1,769	0	0	0	0
			5	560048	636262	1,514	0	0	0	0
			6	559575	634719	1,541	0	0	0	0
			7	559635	634317	1,642	0	0	0	0
			8	559967	633921	1,633	0	0	0	0
			9	559988	633538	1,923	0	0	0	0
			10	560213	634189	1,269	0	0	0	1
			11	560355	633784	1,523	0	0	0	0
			12	560540	633452	1,761	0	0	0	0
			13	560792	634470	717	0	1	1	1
			14	561156	634401	740	0	1	1	1
			15	561442	634564	688	0	1	1	1
			16	560787	633896	1,269	0	0	0	1

			17	561214	633948	1,197	0	0	0	1
NSL251	558775	635617	1	559035	636918	1,327	0	0	0	1
			2	558629	636821	1,213	0	0	0	1
			3	558471	636454	890	0	0	1	1
			4	559699	636266	1,129	0	0	0	1
			5	560048	636262	1,427	0	0	0	1
			6	559575	634719	1,203	0	0	0	1
			7	559635	634317	1,559	0	0	0	0
			8	559967	633921	2,073	0	0	0	0
			9	559988	633538	2,407	0	0	0	0
			10	560213	634189	2,027	0	0	0	0
			11	560355	633784	2,420	0	0	0	0
			12	560540	633452	2,793	0	0	0	0
			13	560792	634470	2,320	0	0	0	0
			14	561156	634401	2,674	0	0	0	0
			15	561442	634564	2,867	0	0	0	0
			16	560787	633896	2,648	0	0	0	0

	17	561214	633948	2,955	0	0	0	0
NSL094 559658 635552	1	559035	636918	1,501	0	0	0	0
	2	558629	636821	1,634	0	0	0	0
	3	558471	636454	1,491	0	0	0	1
	4	559699	636266	715	0	1	1	1
	5	560048	636262	810	0	1	1	1
	6	559575	634719	837	0	1	1	1
	7	559635	634317	1,235	0	0	0	1
	8	559967	633921	1,660	0	0	0	0
	9	559988	633538	2,041	0	0	0	0
	10	560213	634189	1,472	0	0	0	1
	11	560355	633784	1,900	0	0	0	0
	12	560540	633452	2,278	0	0	0	0
	13	560792	634470	1,567	0	0	0	0
	14	561156	634401	1,889	0	0	0	0
	15	561442	634564	2,039	0	0	0	0
	16	560787	633896	2,004	0	0	0	0

			17	561214	633948	2,235	0	0	0	0
NSL463	**559087**	**635532**	1	559035	636918	1,387	0	0	0	1
			2	558629	636821	1,368	0	0	0	1
			3	558471	636454	1,109	0	0	0	1
			4	559699	636266	956	0	0	1	1
			5	560048	636262	1,207	0	0	0	1
			6	559575	634719	948	0	0	1	1
			7	559635	634317	1,333	0	0	0	1
			8	559967	633921	1,836	0	0	0	0
			9	559988	633538	2,188	0	0	0	0
			10	560213	634189	1,753	0	0	0	0
			11	560355	633784	2,159	0	0	0	0
			12	560540	633452	2,537	0	0	0	0
			13	560792	634470	2,009	0	0	0	0
			14	561156	634401	2,358	0	0	0	0
			15	561442	634564	2,546	0	0	0	0
			16	560787	633896	2,359	0	0	0	0

			17	561214	633948	2,652	0	0	0	0
NSL258	560284	635656	1	559035	636918	1,776	0	0	0	0
			2	558629	636821	2,024	0	0	0	0
			3	558471	636454	1,981	0	0	0	0
			4	559699	636266	845	0	1	1	1
			5	560048	636262	650	1	1	1	1
			6	559575	634719	1,175	0	0	0	1
			7	559635	634317	1,488	0	0	0	1
			8	559967	633921	1,764	0	0	0	0
			9	559988	633538	2,139	0	0	0	0
			10	560213	634189	1,469	0	0	0	1
			11	560355	633784	1,873	0	0	0	0
			12	560540	633452	2,219	0	0	0	0
			13	560792	634470	1,290	0	0	0	1
			14	561156	634401	1,528	0	0	0	0
			15	561442	634564	1,592	0	0	0	0
			16	560787	633896	1,830	0	0	0	0

			17	561214	633948	1,945	0	0	0	0
NSL220	560122	635588	1	559035	636918	1,718	0	0	0	0
			2	558629	636821	1,936	0	0	0	0
			3	558471	636454	1,864	0	0	0	0
			4	559699	636266	799	0	1	1	1
			5	560048	636262	678	0	1	1	1
			6	559575	634719	1,027	0	0	1	1
			7	559635	634317	1,361	0	0	0	1
			8	559967	633921	1,674	0	0	0	0
			9	559988	633538	2,054	0	0	0	0
			10	560213	634189	1,402	0	0	0	1
			11	560355	633784	1,819	0	0	0	0
			12	560540	633452	2,177	0	0	0	0
			13	560792	634470	1,303	0	0	0	1
			14	561156	634401	1,574	0	0	0	0
			15	561442	634564	1,671	0	0	0	0
			16	560787	633896	1,818	0	0	0	0

			17	561214	633948	1,970	0	0	0	0
NSL281	560068	635554	1	559035	636918	1,711	0	0	0	0
			2	558629	636821	1,917	0	0	0	0
			3	558471	636454	1,833	0	0	0	0
			4	559699	636266	802	0	1	1	1
			5	560048	636262	708	0	1	1	1
			6	559575	634719	970	0	0	1	1
			7	559635	634317	1,311	0	0	0	1
			8	559967	633921	1,636	0	0	0	0
			9	559988	633538	2,018	0	0	0	0
			10	560213	634189	1,373	0	0	0	1
			11	560355	633784	1,793	0	0	0	0
			12	560540	633452	2,154	0	0	0	0
			13	560792	634470	1,304	0	0	0	1
			14	561156	634401	1,585	0	0	0	0
			15	561442	634564	1,694	0	0	0	0
			16	560787	633896	1,807	0	0	0	0

			17	561214	633948	1,973	0	0	0	0
NSL219	560400	635635	1	559035	636918	1,873	0	0	0	0
			2	558629	636821	2,131	0	0	0	0
			3	558471	636454	2,096	0	0	0	0
			4	559699	636266	943	0	0	1	1
			5	560048	636262	719	0	1	1	1
			6	559575	634719	1,233	0	0	0	1
			7	559635	634317	1,524	0	0	0	0
			8	559967	633921	1,768	0	0	0	0
			9	559988	633538	2,137	0	0	0	0
			10	560213	634189	1,458	0	0	0	1
			11	560355	633784	1,852	0	0	0	0
			12	560540	633452	2,187	0	0	0	0
			13	560792	634470	1,229	0	0	0	1
			14	561156	634401	1,447	0	0	0	1
			15	561442	634564	1,494	0	0	0	1
			16	560787	633896	1,782	0	0	0	0

			17	561214	633948	1,873	0	0	0	0
NSL262	560510	635697	1	559035	636918	1,915	0	0	0	0
			2	558629	636821	2,191	0	0	0	0
			3	558471	636454	2,175	0	0	0	0
			4	559699	636266	991	0	0	1	1
			5	560048	636262	730	0	1	1	1
			6	559575	634719	1,353	0	0	0	1
			7	559635	634317	1,634	0	0	0	0
			8	559967	633921	1,857	0	0	0	0
			9	559988	633538	2,221	0	0	0	0
			10	560213	634189	1,537	0	0	0	0
			11	560355	633784	1,919	0	0	0	0
			12	560540	633452	2,245	0	0	0	0
			13	560792	634470	1,259	0	0	0	1
			14	561156	634401	1,448	0	0	0	1
			15	561442	634564	1,467	0	0	0	1
			16	560787	633896	1,822	0	0	0	0

			17	561214	633948	1,885	0	0	0	0
NSL454	560093	635498	1	559035	636918	1,771	0	0	0	0
			2	558629	636821	1,973	0	0	0	0
			3	558471	636454	1,883	0	0	0	0
			4	559699	636266	863	0	0	1	1
			5	560048	636262	765	0	1	1	1
			6	559575	634719	936	0	0	1	1
			7	559635	634317	1,267	0	0	0	1
			8	559967	633921	1,582	0	0	0	0
			9	559988	633538	1,963	0	0	0	0
			10	560213	634189	1,314	0	0	0	1
			11	560355	633784	1,734	0	0	0	0
			12	560540	633452	2,094	0	0	0	0
			13	560792	634470	1,243	0	0	0	1
			14	561156	634401	1,528	0	0	0	0
			15	561442	634564	1,641	0	0	0	0
			16	560787	633896	1,746	0	0	0	0

			17	561214	633948	1,913	0	0	0	0
NSL284	559810	635417	1	559035	636918	1,689	0	0	0	0
			2	558629	636821	1,835	0	0	0	0
			3	558471	636454	1,694	0	0	0	0
			4	559699	636266	856	0	1	1	1
			5	560048	636262	878	0	0	1	1
			6	559575	634719	736	0	1	1	1
			7	559635	634317	1,114	0	0	0	1
			8	559967	633921	1,504	0	0	0	0
			9	559988	633538	1,887	0	0	0	0
			10	560213	634189	1,292	0	0	0	1
			11	560355	633784	1,722	0	0	0	0
			12	560540	633452	2,096	0	0	0	0
			13	560792	634470	1,364	0	0	0	1
			14	561156	634401	1,686	0	0	0	0
			15	561442	634564	1,841	0	0	0	0
			16	560787	633896	1,808	0	0	0	0

			17	561214	633948	2,032	0	0	0	0
NSL283	559858	635421	1	559035	636918	1,708	0	0	0	0
			2	558629	636821	1,863	0	0	0	0
			3	558471	636454	1,729	0	0	0	0
			4	559699	636266	860	0	1	1	1
			5	560048	636262	862	0	0	1	1
			6	559575	634719	757	0	1	1	1
			7	559635	634317	1,126	0	0	0	1
			8	559967	633921	1,504	0	0	0	0
			9	559988	633538	1,887	0	0	0	0
			10	560213	634189	1,282	0	0	0	1
			11	560355	633784	1,711	0	0	0	0
			12	560540	633452	2,084	0	0	0	0
			13	560792	634470	1,333	0	0	0	1
			14	561156	634401	1,651	0	0	0	0
			15	561442	634564	1,801	0	0	0	0
			16	560787	633896	1,786	0	0	0	0

			17	561214	633948	2,002	0	0	0	0
NSL206	559627	632878	1	559035	636918	4,083	0	0	0	0
			2	558629	636821	4,067	0	0	0	0
			3	558471	636454	3,758	0	0	0	0
			4	559699	636266	3,389	0	0	0	0
			5	560048	636262	3,410	0	0	0	0
			6	559575	634719	1,842	0	0	0	0
			7	559635	634317	1,439	0	0	0	1
			8	559967	633921	1,097	0	0	1	1
			9	559988	633538	752	0	1	1	1
			10	560213	634189	1,436	0	0	0	1
			11	560355	633784	1,162	0	0	0	1
			12	560540	633452	1,078	0	0	1	1
			13	560792	634470	1,973	0	0	0	0
			14	561156	634401	2,158	0	0	0	0
			15	561442	634564	2,477	0	0	0	0
			16	560787	633896	1,543	0	0	0	0

	17	561214	633948	1,914	0	0	0	0
NSL437 559557 632909	1	559035	636918	4,043	0	0	0	0
	2	558629	636821	4,021	0	0	0	0
	3	558471	636454	3,708	0	0	0	0
	4	559699	636266	3,360	0	0	0	0
	5	560048	636262	3,389	0	0	0	0
	6	559575	634719	1,810	0	0	0	0
	7	559635	634317	1,410	0	0	0	1
	8	559967	633921	1,092	0	0	1	1
	9	559988	633538	762	0	1	1	1
	10	560213	634189	1,438	0	0	0	1
	11	560355	633784	1,184	0	0	0	1
	12	560540	633452	1,123	0	0	0	1
	13	560792	634470	1,990	0	0	0	0
	14	561156	634401	2,187	0	0	0	0
	15	561442	634564	2,508	0	0	0	0
	16	560787	633896	1,577	0	0	0	0

			17	561214	633948	1,956	0	0	0	0
NSL504	559515	632919	1	559035	636918	4,028	0	0	0	0
			2	558629	636821	4,001	0	0	0	0
			3	558471	636454	3,686	0	0	0	0
			4	559699	636266	3,352	0	0	0	0
			5	560048	636262	3,385	0	0	0	0
			6	559575	634719	1,801	0	0	0	0
			7	559635	634317	1,403	0	0	0	1
			8	559967	633921	1,099	0	0	1	1
			9	559988	633538	779	0	1	1	1
			10	560213	634189	1,449	0	0	0	1
			11	560355	633784	1,206	0	0	0	1
			12	560540	633452	1,155	0	0	0	1
			13	560792	634470	2,009	0	0	0	0
			14	561156	634401	2,211	0	0	0	0
			15	561442	634564	2,534	0	0	0	0
			16	560787	633896	1,604	0	0	0	0

17	561214	633948	1,986	0	0	0	0

Appendix 2 – All Receptors

Receptor	N	E	Turbine	N	E	Distance	670	860	1100	1500
NSL359	559742	637105	1	559035	636918	731	0	1	1	1
			2	558629	636821	1,149	0	0	0	1
			3	558471	636454	1,428	0	0	0	1
			4	559699	636266	840	0	1	1	1
			5	560048	636262	897	0	0	1	1
			6	559575	634719	2,392	0	0	0	0
			7	559635	634317	2,790	0	0	0	0
			8	559967	633921	3,192	0	0	0	0
			9	559988	633538	3,575	0	0	0	0
			10	560213	634189	2,954	0	0	0	0
			11	560355	633784	3,377	0	0	0	0
			12	560540	633452	3,739	0	0	0	0
			13	560792	634470	2,836	0	0	0	0
			14	561156	634401	3,051	0	0	0	0
			15	561442	634564	3,057	0	0	0	0

			16	560787	633896	3,375	0	0	0	0
			17	561214	633948	3,483	0	0	0	0
NSL061	559647	637376	1	559035	636918	764	0	1	1	1
			2	558629	636821	1,159	0	0	0	1
			3	558471	636454	1,494	0	0	0	1
			4	559699	636266	1,111	0	0	0	1
			5	560048	636262	1,184	0	0	0	1
			6	559575	634719	2,658	0	0	0	0
			7	559635	634317	3,059	0	0	0	0
			8	559967	633921	3,470	0	0	0	0
			9	559988	633538	3,853	0	0	0	0
			10	560213	634189	3,237	0	0	0	0
			11	560355	633784	3,661	0	0	0	0
			12	560540	633452	4,024	0	0	0	0
			13	560792	634470	3,123	0	0	0	0
			14	561156	634401	3,336	0	0	0	0
			15	561442	634564	3,336	0	0	0	0

			16	560787	633896	3,662	0	0	0	0
			17	561214	633948	3,769	0	0	0	0
NSL375	559714	637395	1	559035	636918	830	0	1	1	1
			2	558629	636821	1,227	0	0	0	1
			3	558471	636454	1,559	0	0	0	0
			4	559699	636266	1,129	0	0	0	1
			5	560048	636262	1,181	0	0	0	1
			6	559575	634719	2,680	0	0	0	0
			7	559635	634317	3,079	0	0	0	0
			8	559967	633921	3,483	0	0	0	0
			9	559988	633538	3,867	0	0	0	0
			10	560213	634189	3,245	0	0	0	0
			11	560355	633784	3,667	0	0	0	0
			12	560540	633452	4,029	0	0	0	0
			13	560792	634470	3,117	0	0	0	0
			14	561156	634401	3,323	0	0	0	0
			15	561442	634564	3,317	0	0	0	0

			16	560787	633896	3,660	0	0	0	0
			17	561214	633948	3,759	0	0	0	0
NSL393	559761	637323	1	559035	636918	831	0	1	1	1
			2	558629	636821	1,238	0	0	0	1
			3	558471	636454	1,555	0	0	0	0
			4	559699	636266	1,059	0	0	1	1
			5	560048	636262	1,099	0	0	1	1
			6	559575	634719	2,611	0	0	0	0
			7	559635	634317	3,009	0	0	0	0
			8	559967	633921	3,408	0	0	0	0
			9	559988	633538	3,792	0	0	0	0
			10	560213	634189	3,166	0	0	0	0
			11	560355	633784	3,589	0	0	0	0
			12	560540	633452	3,949	0	0	0	0
			13	560792	634470	3,034	0	0	0	0
			14	561156	634401	3,238	0	0	0	0
			15	561442	634564	3,231	0	0	0	0

			16	560787	633896	3,577	0	0	0	0
			17	561214	633948	3,674	0	0	0	0
C	559788	637303	1	559035	636918	831	0	1	1	1
			2	558629	636821	1,238	0	0	0	1
			3	558471	636454	1,555	0	0	0	0
			4	559699	636266	1,059	0	0	1	1
			5	560048	636262	1,099	0	0	1	1
			6	559575	634719	2,611	0	0	0	0
			7	559635	634317	3,009	0	0	0	0
			8	559967	633921	3,408	0	0	0	0
			9	559988	633538	3,792	0	0	0	0
			10	560213	634189	3,166	0	0	0	0
			11	560355	633784	3,589	0	0	0	0
			12	560540	633452	3,949	0	0	0	0
			13	560792	634470	3,034	0	0	0	0
			14	561156	634401	3,238	0	0	0	0
			15	561442	634564	3,231	0	0	0	0

			16	560787	633896	3,577	0	0	0	0
			17	561214	633948	3,674	0	0	0	0
NSL447	559813	637282	1	559035	636918	859	0	1	1	1
			2	558629	636821	1,271	0	0	0	1
			3	558471	636454	1,577	0	0	0	0
			4	559699	636266	1,022	0	0	1	1
			5	560048	636262	1,047	0	0	1	1
			6	559575	634719	2,574	0	0	0	0
			7	559635	634317	2,970	0	0	0	0
			8	559967	633921	3,365	0	0	0	0
			9	559988	633538	3,748	0	0	0	0
			10	560213	634189	3,119	0	0	0	0
			11	560355	633784	3,540	0	0	0	0
			12	560540	633452	3,898	0	0	0	0
			13	560792	634470	2,978	0	0	0	0
			14	561156	634401	3,179	0	0	0	0
			15	561442	634564	3,169	0	0	0	0

			16	560787	633896	3,523	0	0	0	0
			17	561214	633948	3,616	0	0	0	0
NSL084	559812	637448	1	559035	636918	941	0	0	1	1
			2	558629	636821	1,339	0	0	0	1
			3	558471	636454	1,669	0	0	0	0
			4	559699	636266	1,187	0	0	0	1
			5	560048	636262	1,209	0	0	0	1
			6	559575	634719	2,739	0	0	0	0
			7	559635	634317	3,136	0	0	0	0
			8	559967	633921	3,530	0	0	0	0
			9	559988	633538	3,914	0	0	0	0
			10	560213	634189	3,284	0	0	0	0
			11	560355	633784	3,704	0	0	0	0
			12	560540	633452	4,062	0	0	0	0
			13	560792	634470	3,135	0	0	0	0
			14	561156	634401	3,330	0	0	0	0
			15	561442	634564	3,313	0	0	0	0

			16	560787	633896	3,683	0	0	0	0
			17	561214	633948	3,770	0	0	0	0
NSL062	558623	637805	1	559035	636918	978	0	0	1	1
			2	558629	636821	984	0	0	1	1
			3	558471	636454	1,360	0	0	0	1
			4	559699	636266	1,878	0	0	0	0
			5	560048	636262	2,100	0	0	0	0
			6	559575	634719	3,230	0	0	0	0
			7	559635	634317	3,632	0	0	0	0
			8	559967	633921	4,110	0	0	0	0
			9	559988	633538	4,480	0	0	0	0
			10	560213	634189	3,950	0	0	0	0
			11	560355	633784	4,378	0	0	0	0
			12	560540	633452	4,756	0	0	0	0
			13	560792	634470	3,978	0	0	0	0
			14	561156	634401	4,243	0	0	0	0
			15	561442	634564	4,295	0	0	0	0

			16	560787	633896	4,468	0	0	0	0
			17	561214	633948	4,646	0	0	0	0
NSL085	558604	637926	1	559035	636918	1,096	0	0	1	1
			2	558629	636821	1,105	0	0	0	1
			3	558471	636454	1,478	0	0	0	1
			4	559699	636266	1,989	0	0	0	0
			5	560048	636262	2,203	0	0	0	0
			6	559575	634719	3,351	0	0	0	0
			7	559635	634317	3,753	0	0	0	0
			8	559967	633921	4,231	0	0	0	0
			9	559988	633538	4,601	0	0	0	0
			10	560213	634189	4,069	0	0	0	0
			11	560355	633784	4,497	0	0	0	0
			12	560540	633452	4,875	0	0	0	0
			13	560792	634470	4,090	0	0	0	0
			14	561156	634401	4,352	0	0	0	0
			15	561442	634564	4,400	0	0	0	0

			16	560787	633896	4,583	0	0	0	0
			17	561214	633948	4,758	0	0	0	0
NSL472	560222	637763	1	559035	636918	1,457	0	0	0	1
			2	558629	636821	1,851	0	0	0	0
			3	558471	636454	2,186	0	0	0	0
			4	559699	636266	1,586	0	0	0	0
			5	560048	636262	1,511	0	0	0	0
			6	559575	634719	3,112	0	0	0	0
			7	559635	634317	3,496	0	0	0	0
			8	559967	633921	3,850	0	0	0	0
			9	559988	633538	4,231	0	0	0	0
			10	560213	634189	3,574	0	0	0	0
			11	560355	633784	3,981	0	0	0	0
			12	560540	633452	4,323	0	0	0	0
			13	560792	634470	3,342	0	0	0	0
			14	561156	634401	3,489	0	0	0	0
			15	561442	634564	3,424	0	0	0	0

			16	560787	633896	3,908	0	0	0	0
			17	561214	633948	3,942	0	0	0	0
NSL471	559010	638441	1	559035	636918	1,523	0	0	0	0
			2	558629	636821	1,664	0	0	0	0
			3	558471	636454	2,059	0	0	0	0
			4	559699	636266	2,282	0	0	0	0
			5	560048	636262	2,414	0	0	0	0
			6	559575	634719	3,765	0	0	0	0
			7	559635	634317	4,171	0	0	0	0
			8	559967	633921	4,620	0	0	0	0
			9	559988	633538	5,000	0	0	0	0
			10	560213	634189	4,419	0	0	0	0
			11	560355	633784	4,847	0	0	0	0
			12	560540	633452	5,218	0	0	0	0
			13	560792	634470	4,353	0	0	0	0
			14	561156	634401	4,575	0	0	0	0
			15	561442	634564	4,577	0	0	0	0

			16	560787	633896	4,880	0	0	0	0
			17	561214	633948	5,004	0	0	0	0
NSL128	560157	638089	1	559035	636918	1,622	0	0	0	0
			2	558629	636821	1,986	0	0	0	0
			3	558471	636454	2,349	0	0	0	0
			4	559699	636266	1,880	0	0	0	0
			5	560048	636262	1,830	0	0	0	0
			6	559575	634719	3,420	0	0	0	0
			7	559635	634317	3,808	0	0	0	0
			8	559967	633921	4,172	0	0	0	0
			9	559988	633538	4,554	0	0	0	0
			10	560213	634189	3,900	0	0	0	0
			11	560355	633784	4,310	0	0	0	0
			12	560540	633452	4,653	0	0	0	0
			13	560792	634470	3,674	0	0	0	0
			14	561156	634401	3,821	0	0	0	0
			15	561442	634564	3,752	0	0	0	0

			16	560787	633896	4,240	0	0	0	0
			17	561214	633948	4,274	0	0	0	0
NSL157	560265	632851	1	559035	636918	4,249	0	0	0	0
			2	558629	636821	4,294	0	0	0	0
			3	558471	636454	4,025	0	0	0	0
			4	559699	636266	3,462	0	0	0	0
			5	560048	636262	3,418	0	0	0	0
			6	559575	634719	1,991	0	0	0	0
			7	559635	634317	1,596	0	0	0	0
			8	559967	633921	1,111	0	0	0	1
			9	559988	633538	741	0	1	1	1
			10	560213	634189	1,339	0	0	0	1
			11	560355	633784	937	0	0	1	1
			12	560540	633452	661	1	1	1	1
			13	560792	634470	1,703	0	0	0	0
			14	561156	634401	1,788	0	0	0	0
			15	561442	634564	2,078	0	0	0	0

			16	560787	633896	1,168	0	0	0	1
			17	561214	633948	1,451	0	0	0	1
NSL166	561081	633016	1	559035	636918	4,406	0	0	0	0
			2	558629	636821	4,527	0	0	0	0
			3	558471	636454	4,316	0	0	0	0
			4	559699	636266	3,532	0	0	0	0
			5	560048	636262	3,406	0	0	0	0
			6	559575	634719	2,273	0	0	0	0
			7	559635	634317	1,945	0	0	0	0
			8	559967	633921	1,435	0	0	0	1
			9	559988	633538	1,211	0	0	0	1
			10	560213	634189	1,459	0	0	0	1
			11	560355	633784	1,057	0	0	1	1
			12	560540	633452	695	0	1	1	1
			13	560792	634470	1,482	0	0	0	1
			14	561156	634401	1,387	0	0	0	1
			15	561442	634564	1,590	0	0	0	0

			16	560787	633896	928	0	0	1	1
			17	561214	633948	941	0	0	1	1
NSL430	561210	633072	1	559035	636918	4,418	0	0	0	0
			2	558629	636821	4,552	0	0	0	0
			3	558471	636454	4,352	0	0	0	0
			4	559699	636266	3,533	0	0	0	0
			5	560048	636262	3,395	0	0	0	0
			6	559575	634719	2,321	0	0	0	0
			7	559635	634317	2,008	0	0	0	0
			8	559967	633921	1,505	0	0	0	0
			9	559988	633538	1,308	0	0	0	1
			10	560213	634189	1,497	0	0	0	1
			11	560355	633784	1,113	0	0	0	1
			12	560540	633452	770	0	1	1	1
			13	560792	634470	1,459	0	0	0	1
			14	561156	634401	1,330	0	0	0	1
			15	561442	634564	1,510	0	0	0	0

			16	560787	633896	926	0	0	1	1
			17	561214	633948	876	0	0	1	1
NSL167	**561090**	**632808**	1	559035	636918	4,595	0	0	0	0
			2	558629	636821	4,708	0	0	0	0
			3	558471	636454	4,489	0	0	0	0
			4	559699	636266	3,727	0	0	0	0
			5	560048	636262	3,608	0	0	0	0
			6	559575	634719	2,439	0	0	0	0
			7	559635	634317	2,096	0	0	0	0
			8	559967	633921	1,581	0	0	0	0
			9	559988	633538	1,322	0	0	0	1
			10	560213	634189	1,636	0	0	0	0
			11	560355	633784	1,222	0	0	0	1
			12	560540	633452	847	0	1	1	1
			13	560792	634470	1,689	0	0	0	0
			14	561156	634401	1,594	0	0	0	0
			15	561442	634564	1,791	0	0	0	0

			16	560787	633896	1,129	0	0	0	1
			17	561214	633948	1,147	0	0	0	1
NSL315	561068	632788	1	559035	636918	4,603	0	0	0	0
			2	558629	636821	4,713	0	0	0	0
			3	558471	636454	4,493	0	0	0	0
			4	559699	636266	3,738	0	0	0	0
			5	560048	636262	3,621	0	0	0	0
			6	559575	634719	2,441	0	0	0	0
			7	559635	634317	2,096	0	0	0	0
			8	559967	633921	1,580	0	0	0	0
			9	559988	633538	1,315	0	0	0	1
			10	560213	634189	1,641	0	0	0	0
			11	560355	633784	1,225	0	0	0	1
			12	560540	633452	848	0	1	1	1
			13	560792	634470	1,704	0	0	0	0
			14	561156	634401	1,615	0	0	0	0
			15	561442	634564	1,815	0	0	0	0

			16	560787	633896	1,143	0	0	0	1
			17	561214	633948	1,169	0	0	0	1
NSL331	560696	632616	1	559035	636918	4,612	0	0	0	0
			2	558629	636821	4,686	0	0	0	0
			3	558471	636454	4,436	0	0	0	0
			4	559699	636266	3,784	0	0	0	0
			5	560048	636262	3,703	0	0	0	0
			6	559575	634719	2,383	0	0	0	0
			7	559635	634317	2,005	0	0	0	0
			8	559967	633921	1,495	0	0	0	1
			9	559988	633538	1,162	0	0	0	1
			10	560213	634189	1,645	0	0	0	0
			11	560355	633784	1,217	0	0	0	1
			12	560540	633452	850	0	1	1	1
			13	560792	634470	1,856	0	0	0	0
			14	561156	634401	1,843	0	0	0	0
			15	561442	634564	2,086	0	0	0	0

			16	560787	633896	1,283	0	0	0	1
			17	561214	633948	1,429	0	0	0	1
NSL377	561157	632838	1	559035	636918	4,599	0	0	0	0
			2	558629	636821	4,718	0	0	0	0
			3	558471	636454	4,504	0	0	0	0
			4	559699	636266	3,725	0	0	0	0
			5	560048	636262	3,599	0	0	0	0
			6	559575	634719	2,458	0	0	0	0
			7	559635	634317	2,122	0	0	0	0
			8	559967	633921	1,609	0	0	0	0
			9	559988	633538	1,363	0	0	0	1
			10	560213	634189	1,648	0	0	0	0
			11	560355	633784	1,240	0	0	0	1
			12	560540	633452	870	0	0	1	1
			13	560792	634470	1,672	0	0	0	0
			14	561156	634401	1,563	0	0	0	0
			15	561442	634564	1,749	0	0	0	0

			16	560787	633896	1,121	0	0	0	1
			17	561214	633948	1,111	0	0	0	1
NSL316	561061	632755	1	559035	636918	4,630	0	0	0	0
			2	558629	636821	4,738	0	0	0	0
			3	558471	636454	4,516	0	0	0	0
			4	559699	636266	3,766	0	0	0	0
			5	560048	636262	3,650	0	0	0	0
			6	559575	634719	2,463	0	0	0	0
			7	559635	634317	2,115	0	0	0	0
			8	559967	633921	1,599	0	0	0	0
			9	559988	633538	1,328	0	0	0	1
			10	560213	634189	1,666	0	0	0	0
			11	560355	633784	1,248	0	0	0	1
			12	560540	633452	870	0	0	1	1
			13	560792	634470	1,736	0	0	0	0
			14	561156	634401	1,649	0	0	0	0
			15	561442	634564	1,849	0	0	0	0

			16	560787	633896	1,173	0	0	0	1
			17	561214	633948	1,203	0	0	0	1
NSL419	560558	632570	1	559035	636918	4,607	0	0	0	0
			2	558629	636821	4,668	0	0	0	0
			3	558471	636454	4,409	0	0	0	0
			4	559699	636266	3,795	0	0	0	0
			5	560048	636262	3,727	0	0	0	0
			6	559575	634719	2,363	0	0	0	0
			7	559635	634317	1,976	0	0	0	0
			8	559967	633921	1,475	0	0	0	1
			9	559988	633538	1,123	0	0	0	1
			10	560213	634189	1,655	0	0	0	0
			11	560355	633784	1,231	0	0	0	1
			12	560540	633452	882	0	0	1	1
			13	560792	634470	1,914	0	0	0	0
			14	561156	634401	1,926	0	0	0	0
			15	561442	634564	2,181	0	0	0	0

			16	560787	633896	1,346	0	0	0	1
			17	561214	633948	1,526	0	0	0	0
NSL235	560502	632548	1	559035	636918	4,610	0	0	0	0
			2	558629	636821	4,665	0	0	0	0
			3	558471	636454	4,402	0	0	0	0
			4	559699	636266	3,804	0	0	0	0
			5	560048	636262	3,742	0	0	0	0
			6	559575	634719	2,361	0	0	0	0
			7	559635	634317	1,970	0	0	0	0
			8	559967	633921	1,474	0	0	0	1
			9	559988	633538	1,115	0	0	0	1
			10	560213	634189	1,666	0	0	0	0
			11	560355	633784	1,245	0	0	0	1
			12	560540	633452	905	0	0	1	1
			13	560792	634470	1,944	0	0	0	0
			14	561156	634401	1,965	0	0	0	0
			15	561442	634564	2,224	0	0	0	0

			16	560787	633896	1,378	0	0	0	1
			17	561214	633948	1,571	0	0	0	0
NSL330	560917	632612	1	559035	636918	4,699	0	0	0	0
			2	558629	636821	4,791	0	0	0	0
			3	558471	636454	4,555	0	0	0	0
			4	559699	636266	3,852	0	0	0	0
			5	560048	636262	3,752	0	0	0	0
			6	559575	634719	2,498	0	0	0	0
			7	559635	634317	2,133	0	0	0	0
			8	559967	633921	1,617	0	0	0	0
			9	559988	633538	1,312	0	0	0	1
			10	560213	634189	1,727	0	0	0	0
			11	560355	633784	1,300	0	0	0	1
			12	560540	633452	921	0	0	1	1
			13	560792	634470	1,862	0	0	0	0
			14	561156	634401	1,805	0	0	0	0
			15	561442	634564	2,021	0	0	0	0

			16	560787	633896	1,291	0	0	0	1
			17	561214	633948	1,369	0	0	0	1
NSL134	561002	632621	1	559035	636918	4,726	0	0	0	0
			2	558629	636821	4,824	0	0	0	0
			3	558471	636454	4,593	0	0	0	0
			4	559699	636266	3,871	0	0	0	0
			5	560048	636262	3,764	0	0	0	0
			6	559575	634719	2,537	0	0	0	0
			7	559635	634317	2,178	0	0	0	0
			8	559967	633921	1,662	0	0	0	0
			9	559988	633538	1,367	0	0	0	1
			10	560213	634189	1,755	0	0	0	0
			11	560355	633784	1,331	0	0	0	1
			12	560540	633452	951	0	0	1	1
			13	560792	634470	1,861	0	0	0	0
			14	561156	634401	1,787	0	0	0	0
			15	561442	634564	1,992	0	0	0	0

			16	560787	633896	1,293	0	0	0	1
			17	561214	633948	1,344	0	0	0	1
NSL180	560939	632583	1	559035	636918	4,735	0	0	0	0
			2	558629	636821	4,827	0	0	0	0
			3	558471	636454	4,591	0	0	0	0
			4	559699	636266	3,886	0	0	0	0
			5	560048	636262	3,785	0	0	0	0
			6	559575	634719	2,534	0	0	0	0
			7	559635	634317	2,170	0	0	0	0
			8	559967	633921	1,654	0	0	0	0
			9	559988	633538	1,348	0	0	0	1
			10	560213	634189	1,762	0	0	0	0
			11	560355	633784	1,335	0	0	0	1
			12	560540	633452	956	0	0	1	1
			13	560792	634470	1,893	0	0	0	0
			14	561156	634401	1,831	0	0	0	0
			15	561442	634564	2,044	0	0	0	0

			16	560787	633896	1,322	0	0	0	1
			17	561214	633948	1,392	0	0	0	1
NSL490	560870	632546	1	559035	636918	4,741	0	0	0	0
			2	558629	636821	4,827	0	0	0	0
			3	558471	636454	4,586	0	0	0	0
			4	559699	636266	3,900	0	0	0	0
			5	560048	636262	3,806	0	0	0	0
			6	559575	634719	2,530	0	0	0	0
			7	559635	634317	2,159	0	0	0	0
			8	559967	633921	1,645	0	0	0	0
			9	559988	633538	1,327	0	0	0	1
			10	560213	634189	1,769	0	0	0	0
			11	560355	633784	1,341	0	0	0	1
			12	560540	633452	964	0	0	1	1
			13	560792	634470	1,926	0	0	0	0
			14	561156	634401	1,877	0	0	0	0
			15	561442	634564	2,098	0	0	0	0

			16	560787	633896	1,353	0	0	0	1
			17	561214	633948	1,444	0	0	0	1
NSL135	560977	632590	1	559035	636918	4,744	0	0	0	0
			2	558629	636821	4,839	0	0	0	0
			3	558471	636454	4,605	0	0	0	0
			4	559699	636266	3,892	0	0	0	0
			5	560048	636262	3,788	0	0	0	0
			6	559575	634719	2,549	0	0	0	0
			7	559635	634317	2,187	0	0	0	0
			8	559967	633921	1,671	0	0	0	0
			9	559988	633538	1,370	0	0	0	1
			10	560213	634189	1,772	0	0	0	0
			11	560355	633784	1,346	0	0	0	1
			12	560540	633452	966	0	0	1	1
			13	560792	634470	1,889	0	0	0	0
			14	561156	634401	1,820	0	0	0	0
			15	561442	634564	2,028	0	0	0	0

			16	560787	633896	1,320	0	0	0	1
			17	561214	633948	1,379	0	0	0	1
NSL389	**560991**	**632587**	1	559035	636918	4,752	0	0	0	0
			2	558629	636821	4,848	0	0	0	0
			3	558471	636454	4,616	0	0	0	0
			4	559699	636266	3,899	0	0	0	0
			5	560048	636262	3,794	0	0	0	0
			6	559575	634719	2,559	0	0	0	0
			7	559635	634317	2,198	0	0	0	0
			8	559967	633921	1,682	0	0	0	0
			9	559988	633538	1,382	0	0	0	1
			10	560213	634189	1,781	0	0	0	0
			11	560355	633784	1,355	0	0	0	1
			12	560540	633452	976	0	0	1	1
			13	560792	634470	1,893	0	0	0	0
			14	561156	634401	1,821	0	0	0	0
			15	561442	634564	2,028	0	0	0	0

			16	560787	633896	1,325	0	0	0	1
			17	561214	633948	1,379	0	0	0	1
NSL332	560531	632468	1	559035	636918	4,695	0	0	0	0
			2	558629	636821	4,750	0	0	0	0
			3	558471	636454	4,487	0	0	0	0
			4	559699	636266	3,888	0	0	0	0
			5	560048	66262	566,206	0	0	0	0
			6	559575	634719	2,446	0	0	0	0
			7	559635	634317	2,055	0	0	0	0
			8	559967	633921	1,559	0	0	0	0
			9	559988	633538	1,200	0	0	0	1
			10	560213	634189	1,750	0	0	0	0
			11	560355	633784	1,328	0	0	0	1
			12	560540	633452	984	0	0	1	1
			13	560792	634470	2,019	0	0	0	0
			14	561156	634401	2,032	0	0	0	0
			15	561442	634564	2,285	0	0	0	0

			16	560787	633896	1,451	0	0	0	1
			17	561214	633948	1,630	0	0	0	0
NSL133	560512	632402	1	559035	636918	4,751	0	0	0	0
			2	558629	636821	4,803	0	0	0	0
			3	558471	636454	4,537	0	0	0	0
			4	559699	636266	3,949	0	0	0	0
			5	560048	636262	3,888	0	0	0	0
			6	559575	634719	2,499	0	0	0	0
			7	559635	634317	2,106	0	0	0	0
			8	559967	633921	1,614	0	0	0	0
			9	559988	633538	1,251	0	0	0	1
			10	560213	634189	1,812	0	0	0	0
			11	560355	633784	1,391	0	0	0	1
			12	560540	633452	1,050	0	0	1	1
			13	560792	634470	2,087	0	0	0	0
			14	561156	634401	2,100	0	0	0	0
			15	561442	634564	2,354	0	0	0	0

			16	560787	633896	1,519	0	0	0	0
			17	561214	633948	1,698	0	0	0	0
NSL314	561165	632578	1	559035	636918	4,835	0	0	0	0
			2	558629	636821	4,943	0	0	0	0
			3	558471	636454	4,720	0	0	0	0
			4	559699	636266	3,969	0	0	0	0
			5	560048	636262	3,850	0	0	0	0
			6	559575	634719	2,667	0	0	0	0
			7	559635	634317	2,316	0	0	0	0
			8	559967	633921	1,800	0	0	0	0
			9	559988	633538	1,519	0	0	0	0
			10	560213	634189	1,871	0	0	0	0
			11	560355	633784	1,453	0	0	0	1
			12	560540	633452	1,074	0	0	1	1
			13	560792	634470	1,928	0	0	0	0
			14	561156	634401	1,823	0	0	0	0
			15	561442	634564	2,005	0	0	0	0

			16	560787	633896	1,371	0	0	0	1
			17	561214	633948	1,371	0	0	0	1
NSL342	561082	632508	1	559035	636918	4,862	0	0	0	0
			2	558629	636821	4,962	0	0	0	0
			3	558471	636454	4,732	0	0	0	0
			4	559699	636266	4,004	0	0	0	0
			5	560048	636262	3,894	0	0	0	0
			6	559575	634719	2,676	0	0	0	0
			7	559635	634317	2,317	0	0	0	0
			8	559967	633921	1,800	0	0	0	0
			9	559988	633538	1,503	0	0	0	0
			10	560213	634189	1,892	0	0	0	0
			11	560355	633784	1,469	0	0	0	1
			12	560540	633452	1,089	0	0	1	1
			13	560792	634470	1,983	0	0	0	0
			14	561156	634401	1,894	0	0	0	0
			15	561442	634564	2,087	0	0	0	0

			16	560787	633896	1,419	0	0	0	1
			17	561214	633948	1,446	0	0	0	1
NSL179	560447	632344	1	559035	636918	4,787	0	0	0	0
			2	558629	636821	4,832	0	0	0	0
			3	558471	636454	4,560	0	0	0	0
			4	559699	636266	3,993	0	0	0	0
			5	560048	636262	3,938	0	0	0	0
			6	559575	634719	2,530	0	0	0	0
			7	559635	634317	2,134	0	0	0	0
			8	559967	633921	1,648	0	0	0	0
			9	559988	633538	1,279	0	0	0	1
			10	560213	634189	1,860	0	0	0	0
			11	560355	633784	1,443	0	0	0	1
			12	560540	633452	1,112	0	0	0	1
			13	560792	634470	2,154	0	0	0	0
			14	561156	634401	2,176	0	0	0	0
			15	561442	634564	2,433	0	0	0	0

			16	560787	633896	1,589	0	0	0	0
			17	561214	633948	1,778	0	0	0	0
NSL142	561463	632782	1	559035	636918	4,796	0	0	0	0
			2	558629	636821	4,934	0	0	0	0
			3	558471	636454	4,737	0	0	0	0
			4	559699	636266	3,905	0	0	0	0
			5	560048	636262	3,757	0	0	0	0
			6	559575	634719	2,705	0	0	0	0
			7	559635	634317	2,387	0	0	0	0
			8	559967	633921	1,880	0	0	0	0
			9	559988	633538	1,657	0	0	0	0
			10	560213	634189	1,882	0	0	0	0
			11	560355	633784	1,494	0	0	0	1
			12	560540	633452	1,141	0	0	0	1
			13	560792	634470	1,816	0	0	0	0
			14	561156	634401	1,648	0	0	0	0
			15	561442	634564	1,782	0	0	0	0

			16	560787	633896	1,303	0	0	0	1
			17	561214	633948	1,192	0	0	0	1
NSL438	560361	632250	1	559035	636918	4,853	0	0	0	0
			2	558629	636821	4,888	0	0	0	0
			3	558471	636454	4,609	0	0	0	0
			4	559699	636266	4,070	0	0	0	0
			5	560048	636262	4,024	0	0	0	0
			6	559575	634719	2,591	0	0	0	0
			7	559635	634317	2,191	0	0	0	0
			8	559967	633921	1,717	0	0	0	0
			9	559988	633538	1,341	0	0	0	1
			10	560213	634189	1,945	0	0	0	0
			11	560355	633784	1,534	0	0	0	0
			12	560540	633452	1,215	0	0	0	1
			13	560792	634470	2,261	0	0	0	0
			14	561156	634401	2,293	0	0	0	0
			15	561442	634564	2,554	0	0	0	0

			16	560787	633896	1,700	0	0	0	0
			17	561214	633948	1,900	0	0	0	0
NSL168	561162	632400	1	559035	636918	4,994	0	0	0	0
			2	558629	636821	5,095	0	0	0	0
			3	558471	636454	4,866	0	0	0	0
			4	559699	636266	4,134	0	0	0	0
			5	560048	636262	4,019	0	0	0	0
			6	559575	634719	2,810	0	0	0	0
			7	559635	634317	2,451	0	0	0	0
			8	559967	633921	1,934	0	0	0	0
			9	559988	633538	1,635	0	0	0	0
			10	560213	634189	2,025	0	0	0	0
			11	560355	633784	1,602	0	0	0	0
			12	560540	633452	1,222	0	0	0	1
			13	560792	634470	2,103	0	0	0	0
			14	561156	634401	2,001	0	0	0	0
			15	561442	634564	2,182	0	0	0	0

			16	560787	633896	1,542	0	0	0	0
			17	561214	633948	1,549	0	0	0	0
NSL390	561060	632316	1	559035	636918	5,028	0	0	0	0
			2	558629	636821	5,119	0	0	0	0
			3	558471	636454	4,881	0	0	0	0
			4	559699	636266	4,178	0	0	0	0
			5	560048	636262	4,074	0	0	0	0
			6	559575	634719	2,825	0	0	0	0
			7	559635	634317	2,457	0	0	0	0
			8	559967	633921	1,942	0	0	0	0
			9	559988	633538	1,626	0	0	0	0
			10	560213	634189	2,056	0	0	0	0
			11	560355	633784	1,629	0	0	0	0
			12	560540	633452	1,249	0	0	0	1
			13	560792	634470	2,171	0	0	0	0
			14	561156	634401	2,087	0	0	0	0
			15	561442	634564	2,280	0	0	0	0

			16	560787	633896	1,603	0	0	0	0
			17	561214	633948	1,639	0	0	0	0
NSL449	561054	632288	1	559035	636918	5,051	0	0	0	0
			2	558629	636821	5,141	0	0	0	0
			3	558471	636454	4,902	0	0	0	0
			4	559699	636266	4,202	0	0	0	0
			5	560048	636262	4,099	0	0	0	0
			6	559575	634719	2,846	0	0	0	0
			7	559635	634317	2,476	0	0	0	0
			8	559967	633921	1,962	0	0	0	0
			9	559988	633538	1,643	0	0	0	0
			10	560213	634189	2,079	0	0	0	0
			11	560355	633784	1,651	0	0	0	0
			12	560540	633452	1,272	0	0	0	1
			13	560792	634470	2,198	0	0	0	0
			14	561156	634401	2,115	0	0	0	0
			15	561442	634564	2,309	0	0	0	0

			16	560787	633896	1,630	0	0	0	0
			17	561214	633948	1,668	0	0	0	0
NSL236	560157	632230	1	559035	636918	4,820	0	0	0	0
			2	558629	636821	4,839	0	0	0	0
			3	558471	636454	4,548	0	0	0	0
			4	559699	636266	4,062	0	0	0	0
			5	560048	636262	4,033	0	0	0	0
			6	559575	634719	2,556	0	0	0	0
			7	559635	634317	2,151	0	0	0	0
			8	559967	633921	1,702	0	0	0	0
			9	559988	633538	1,319	0	0	0	1
			10	560213	634189	1,960	0	0	0	0
			11	560355	633784	1,567	0	0	0	0
			12	560540	633452	1,281	0	0	0	1
			13	560792	634470	2,328	0	0	0	0
			14	561156	634401	2,390	0	0	0	0
			15	561442	634564	2,664	0	0	0	0

			16	560787	633896	1,781	0	0	0	0
			17	561214	633948	2,017	0	0	0	0
NSL313	561050	632259	1	559035	636918	5,076	0	0	0	0
			2	558629	636821	5,165	0	0	0	0
			3	558471	636454	4,924	0	0	0	0
			4	559699	636266	4,229	0	0	0	0
			5	560048	636262	4,127	0	0	0	0
			6	559575	634719	2,868	0	0	0	0
			7	559635	634317	2,498	0	0	0	0
			8	559967	633921	1,984	0	0	0	0
			9	559988	633538	1,662	0	0	0	0
			10	560213	634189	2,104	0	0	0	0
			11	560355	633784	1,676	0	0	0	0
			12	560540	633452	1,297	0	0	0	1
			13	560792	634470	2,226	0	0	0	0
			14	561156	634401	2,145	0	0	0	0
			15	561442	634564	2,338	0	0	0	0

			16	560787	633896	1,658	0	0	0	0
			17	561214	633948	1,697	0	0	0	0
NSL151	560120	632213	1	559035	636918	4,828	0	0	0	0
			2	558629	636821	4,843	0	0	0	0
			3	558471	636454	4,550	0	0	0	0
			4	559699	636266	4,075	0	0	0	0
			5	560048	636262	4,050	0	0	0	0
			6	559575	634719	2,565	0	0	0	0
			7	559635	634317	2,159	0	0	0	0
			8	559967	633921	1,715	0	0	0	0
			9	559988	633538	1,332	0	0	0	1
			10	560213	634189	1,978	0	0	0	0
			11	560355	633784	1,588	0	0	0	0
			12	560540	633452	1,308	0	0	0	1
			13	560792	634470	2,355	0	0	0	0
			14	561156	634401	2,421	0	0	0	0
			15	561442	634564	2,697	0	0	0	0

			16	560787	633896	1,810	0	0	0	0
			17	561214	633948	2,051	0	0	0	0
NSL169	561100	632214	1	559035	636918	5,137	0	0	0	0
			2	558629	636821	5,228	0	0	0	0
			3	558471	636454	4,989	0	0	0	0
			4	559699	636266	4,287	0	0	0	0
			5	560048	636262	4,182	0	0	0	0
			6	559575	634719	2,933	0	0	0	0
			7	559635	634317	2,563	0	0	0	0
			8	559967	633921	2,049	0	0	0	0
			9	559988	633538	1,729	0	0	0	0
			10	560213	634189	2,165	0	0	0	0
			11	560355	633784	1,738	0	0	0	0
			12	560540	633452	1,359	0	0	0	1
			13	560792	634470	2,277	0	0	0	0
			14	561156	634401	2,188	0	0	0	0
			15	561442	634564	2,375	0	0	0	0

			16	560787	633896	1,711	0	0	0	0
			17	561214	633948	1,738	0	0	0	0
NSL312	561131	632198	1	559035	636918	5,164	0	0	0	0
			2	558629	636821	5,257	0	0	0	0
			3	558471	636454	5,019	0	0	0	0
			4	559699	636266	4,313	0	0	0	0
			5	560048	636262	4,206	0	0	0	0
			6	559575	634719	2,963	0	0	0	0
			7	559635	634317	2,594	0	0	0	0
			8	559967	633921	2,079	0	0	0	0
			9	559988	633538	1,761	0	0	0	0
			10	560213	634189	2,192	0	0	0	0
			11	560355	633784	1,766	0	0	0	0
			12	560540	633452	1,386	0	0	0	1
			13	560792	634470	2,297	0	0	0	0
			14	561156	634401	2,203	0	0	0	0
			15	561442	634564	2,386	0	0	0	0

			16	560787	633896	1,732	0	0	0	0
			17	561214	633948	1,752	0	0	0	0
NSL328	561166	632199	1	559035	636918	5,178	0	0	0	0
			2	558629	636821	5,272	0	0	0	0
			3	558471	636454	5,037	0	0	0	0
			4	559699	636266	4,323	0	0	0	0
			5	560048	636262	4,214	0	0	0	0
			6	559575	634719	2,980	0	0	0	0
			7	559635	634317	2,613	0	0	0	0
			8	559967	633921	2,098	0	0	0	0
			9	559988	633538	1,783	0	0	0	0
			10	560213	634189	2,206	0	0	0	0
			11	560355	633784	1,780	0	0	0	0
			12	560540	633452	1,401	0	0	0	1
			13	560792	634470	2,302	0	0	0	0
			14	561156	634401	2,202	0	0	0	0
			15	561442	634564	2,381	0	0	0	0

			16	560787	633896	1,739	0	0	0	0
			17	561214	633948	1,750	0	0	0	0
NSL327	561211	632187	1	559035	636918	5,207	0	0	0	0
			2	558629	636821	5,305	0	0	0	0
			3	558471	636454	5,071	0	0	0	0
			4	559699	636266	4,350	0	0	0	0
			5	560048	636262	4,238	0	0	0	0
			6	559575	634719	3,015	0	0	0	0
			7	559635	634317	2,650	0	0	0	0
			8	559967	633921	2,134	0	0	0	0
			9	559988	633538	1,822	0	0	0	0
			10	560213	634189	2,237	0	0	0	0
			11	560355	633784	1,812	0	0	0	0
			12	560540	633452	1,432	0	0	0	1
			13	560792	634470	2,321	0	0	0	0
			14	561156	634401	2,215	0	0	0	0
			15	561442	634564	2,388	0	0	0	0

			16	560787	633896	1,761	0	0	0	0
			17	561214	633948	1,761	0	0	0	0
NSL188	561294	632224	1	559035	636918	5,209	0	0	0	0
			2	558629	636821	5,314	0	0	0	0
			3	558471	636454	5,085	0	0	0	0
			4	559699	636266	4,345	0	0	0	0
			5	560048	636262	4,226	0	0	0	0
			6	559575	634719	3,030	0	0	0	0
			7	559635	634317	2,671	0	0	0	0
			8	559967	633921	2,154	0	0	0	0
			9	559988	633538	1,853	0	0	0	0
			10	560213	634189	2,243	0	0	0	0
			11	560355	633784	1,821	0	0	0	0
			12	560540	633452	1,441	0	0	0	1
			13	560792	634470	2,301	0	0	0	0
			14	561156	634401	2,181	0	0	0	0
			15	561442	634564	2,345	0	0	0	0

			16	560787	633896	1,747	0	0	0	0
			17	561214	633948	1,726	0	0	0	0
NSL426	561377	632238	1	559035	636918	5,233	0	0	0	0
			2	558629	636821	5,344	0	0	0	0
			3	558471	636454	5,120	0	0	0	0
			4	559699	636266	4,364	0	0	0	0
			5	560048	636262	4,238	0	0	0	0
			6	559575	634719	3,066	0	0	0	0
			7	559635	634317	2,712	0	0	0	0
			8	559967	633921	2,196	0	0	0	0
			9	559988	633538	1,902	0	0	0	0
			10	560213	634189	2,272	0	0	0	0
			11	560355	633784	1,853	0	0	0	0
			12	560540	633452	1,475	0	0	0	1
			13	560792	634470	2,307	0	0	0	0
			14	561156	634401	2,174	0	0	0	0
			15	561442	634564	2,327	0	0	0	0

			16	560787	633896	1,760	0	0	0	0
			17	561214	633948	1,718	0	0	0	0
NSL143	561425	632260	1	559035	636918	5,235	0	0	0	0
			2	558629	636821	5,350	0	0	0	0
			3	558471	636454	5,130	0	0	0	0
			4	559699	636266	4,362	0	0	0	0
			5	560048	636262	4,232	0	0	0	0
			6	559575	634719	3,077	0	0	0	0
			7	559635	634317	2,727	0	0	0	0
			8	559967	633921	2,210	0	0	0	0
			9	559988	633538	1,923	0	0	0	0
			10	560213	634189	2,278	0	0	0	0
			11	560355	633784	1,862	0	0	0	0
			12	560540	633452	1,485	0	0	0	1
			13	560792	634470	2,299	0	0	0	0
			14	561156	634401	2,158	0	0	0	0
			15	561442	634564	2,304	0	0	0	0

			16	560787	633896	1,756	0	0	0	0
			17	561214	633948	1,701	0	0	0	0
NSL446	561439	632213	1	559035	636918	5,284	0	0	0	0
			2	558629	636821	5,397	0	0	0	0
			3	558471	636454	5,176	0	0	0	0
			4	559699	636266	4,411	0	0	0	0
			5	560048	636262	4,281	0	0	0	0
			6	559575	634719	3,123	0	0	0	0
			7	559635	634317	2,772	0	0	0	0
			8	559967	633921	2,255	0	0	0	0
			9	559988	633538	1,965	0	0	0	0
			10	560213	634189	2,325	0	0	0	0
			11	560355	633784	1,909	0	0	0	0
			12	560540	633452	1,531	0	0	0	0
			13	560792	634470	2,348	0	0	0	0
			14	561156	634401	2,206	0	0	0	0
			15	561442	634564	2,351	0	0	0	0

			16	560787	633896	1,805	0	0	0	0
			17	561214	633948	1,750	0	0	0	0
NSL177	561570	632256	1	559035	636918	5,307	0	0	0	0
			2	558629	636821	5,430	0	0	0	0
			3	558471	636454	5,218	0	0	0	0
			4	559699	636266	4,425	0	0	0	0
			5	560048	636262	4,285	0	0	0	0
			6	559575	634719	3,170	0	0	0	0
			7	559635	634317	2,827	0	0	0	0
			8	559967	633921	2,311	0	0	0	0
			9	559988	633538	2,036	0	0	0	0
			10	560213	634189	2,362	0	0	0	0
			11	560355	633784	1,952	0	0	0	0
			12	560540	633452	1,578	0	0	0	0
			13	560792	634470	2,347	0	0	0	0
			14	561156	634401	2,185	0	0	0	0
			15	561442	634564	2,312	0	0	0	0

			16	560787	633896	1,817	0	0	0	0
			17	561214	633948	1,729	0	0	0	0
NSL187	561531	632168	1	559035	636918	5,366	0	0	0	0
			2	558629	636821	5,484	0	0	0	0
			3	558471	636454	5,266	0	0	0	0
			4	559699	636266	4,489	0	0	0	0
			5	560048	636262	4,354	0	0	0	0
			6	559575	634719	3,215	0	0	0	0
			7	559635	634317	2,866	0	0	0	0
			8	559967	633921	2,349	0	0	0	0
			9	559988	633538	2,063	0	0	0	0
			10	560213	634189	2,413	0	0	0	0
			11	560355	633784	1,999	0	0	0	0
			12	560540	633452	1,622	0	0	0	0
			13	560792	634470	2,418	0	0	0	0
			14	561156	634401	2,264	0	0	0	0
			15	561442	634564	2,398	0	0	0	0

			16	560787	633896	1,881	0	0	0	0
			17	561214	633948	1,808	0	0	0	0
NSL186	561564	632118	1	559035	636918	5,425	0	0	0	0
			2	558629	636821	5,544	0	0	0	0
			3	558471	636454	5,326	0	0	0	0
			4	559699	636266	4,548	0	0	0	0
			5	560048	636262	4,413	0	0	0	0
			6	559575	634719	3,274	0	0	0	0
			7	559635	634317	2,925	0	0	0	0
			8	559967	633921	2,409	0	0	0	0
			9	559988	633538	2,121	0	0	0	0
			10	560213	634189	2,473	0	0	0	0
			11	560355	633784	2,058	0	0	0	0
			12	560540	633452	1,682	0	0	0	0
			13	560792	634470	2,475	0	0	0	0
			14	561156	634401	2,319	0	0	0	0
			15	561442	634564	2,449	0	0	0	0

			16	560787	633896	1,940	0	0	0	0
			17	561214	633948	1,863	0	0	0	0
NSL171	560934	631816	1	559035	636918	5,444	0	0	0	0
			2	558629	636821	5,510	0	0	0	0
			3	558471	636454	5,251	0	0	0	0
			4	559699	636266	4,618	0	0	0	0
			5	560048	636262	4,533	0	0	0	0
			6	559575	634719	3,205	0	0	0	0
			7	559635	634317	2,818	0	0	0	0
			8	559967	633921	2,316	0	0	0	0
			9	559988	633538	1,965	0	0	0	0
			10	560213	634189	2,480	0	0	0	0
			11	560355	633784	2,051	0	0	0	0
			12	560540	633452	1,683	0	0	0	0
			13	560792	634470	2,658	0	0	0	0
			14	561156	634401	2,595	0	0	0	0
			15	561442	634564	2,795	0	0	0	0

			16	560787	633896	2,085	0	0	0	0
			17	561214	633948	2,150	0	0	0	0
NSL492	561487	632054	1	559035	636918	5,447	0	0	0	0
			2	558629	636821	5,558	0	0	0	0
			3	558471	636454	5,334	0	0	0	0
			4	559699	636266	4,576	0	0	0	0
			5	560048	636262	4,447	0	0	0	0
			6	559575	634719	3,280	0	0	0	0
			7	559635	634317	2,924	0	0	0	0
			8	559967	633921	2,408	0	0	0	0
			9	559988	633538	2,109	0	0	0	0
			10	560213	634189	2,486	0	0	0	0
			11	560355	633784	2,067	0	0	0	0
			12	560540	633452	1,689	0	0	0	0
			13	560792	634470	2,514	0	0	0	0
			14	561156	634401	2,370	0	0	0	0
			15	561442	634564	2,510	0	0	0	0

			16	560787	633896	1,971	0	0	0	0
			17	561214	633948	1,914	0	0	0	0
NSL461	561527	632076	1	559035	636918	5,446	0	0	0	0
			2	558629	636821	5,560	0	0	0	0
			3	558471	636454	5,339	0	0	0	0
			4	559699	636266	4,571	0	0	0	0
			5	560048	636262	4,440	0	0	0	0
			6	559575	634719	3,286	0	0	0	0
			7	559635	634317	2,933	0	0	0	0
			8	559967	633921	2,416	0	0	0	0
			9	559988	633538	2,123	0	0	0	0
			10	560213	634189	2,488	0	0	0	0
			11	560355	633784	2,071	0	0	0	0
			12	560540	633452	1,693	0	0	0	0
			13	560792	634470	2,504	0	0	0	0
			14	561156	634401	2,354	0	0	0	0
			15	561442	634564	2,489	0	0	0	0

			16	560787	633896	1,965	0	0	0	0
			17	561214	633948	1,898	0	0	0	0
NSL423	561589	632108	1	559035	636918	5,446	0	0	0	0
			2	558629	636821	5,565	0	0	0	0
			3	558471	636454	5,349	0	0	0	0
			4	559699	636266	4,567	0	0	0	0
			5	560048	636262	4,431	0	0	0	0
			6	559575	634719	3,298	0	0	0	0
			7	559635	634317	2,949	0	0	0	0
			8	559967	633921	2,433	0	0	0	0
			9	559988	633538	2,147	0	0	0	0
			10	560213	634189	2,495	0	0	0	0
			11	560355	633784	2,081	0	0	0	0
			12	560540	633452	1,705	0	0	0	0
			13	560792	634470	2,493	0	0	0	0
			14	561156	634401	2,334	0	0	0	0
			15	561442	634564	2,460	0	0	0	0

			16	560787	633896	1,960	0	0	0	0
			17	561214	633948	1,878	0	0	0	0
NSL185	561453	632008	1	559035	636918	5,473	0	0	0	0
			2	558629	636821	5,580	0	0	0	0
			3	558471	636454	5,353	0	0	0	0
			4	559699	636266	4,605	0	0	0	0
			5	560048	636262	4,480	0	0	0	0
			6	559575	634719	3,298	0	0	0	0
			7	559635	634317	2,939	0	0	0	0
			8	559967	633921	2,422	0	0	0	0
			9	559988	633538	2,118	0	0	0	0
			10	560213	634189	2,509	0	0	0	0
			11	560355	633784	2,088	0	0	0	0
			12	560540	633452	1,708	0	0	0	0
			13	560792	634470	2,549	0	0	0	0
			14	561156	634401	2,411	0	0	0	0
			15	561442	634564	2,556	0	0	0	0

			16	560787	633896	2,002	0	0	0	0
			17	561214	633948	1,955	0	0	0	0
NSL184	561306	631899	1	559035	636918	5,509	0	0	0	0
			2	558629	636821	5,603	0	0	0	0
			3	558471	636454	5,365	0	0	0	0
			4	559699	636266	4,653	0	0	0	0
			5	560048	636262	4,541	0	0	0	0
			6	559575	634719	3,309	0	0	0	0
			7	559635	634317	2,939	0	0	0	0
			8	559967	633921	2,425	0	0	0	0
			9	559988	633538	2,103	0	0	0	0
			10	560213	634189	2,537	0	0	0	0
			11	560355	633784	2,111	0	0	0	0
			12	560540	633452	1,732	0	0	0	0
			13	560792	634470	2,622	0	0	0	0
			14	561156	634401	2,506	0	0	0	0
			15	561442	634564	2,668	0	0	0	0

			16	560787	633896	2,063	0	0	0	0
			17	561214	633948	2,051	0	0	0	0
NSL326	561255	631845	1	559035	636918	5,537	0	0	0	0
			2	558629	636821	5,626	0	0	0	0
			3	558471	636454	5,385	0	0	0	0
			4	559699	636266	4,687	0	0	0	0
			5	560048	636262	4,579	0	0	0	0
			6	559575	634719	3,329	0	0	0	0
			7	559635	634317	2,956	0	0	0	0
			8	559967	633921	2,443	0	0	0	0
			9	559988	633538	2,115	0	0	0	0
			10	560213	634189	2,565	0	0	0	0
			11	560355	633784	2,138	0	0	0	0
			12	560540	633452	1,759	0	0	0	0
			13	560792	634470	2,666	0	0	0	0
			14	561156	634401	2,558	0	0	0	0
			15	561442	634564	2,725	0	0	0	0

			16	560787	633896	2,104	0	0	0	0
			17	561214	633948	2,103	0	0	0	0
NSL341	561222	631825	1	559035	636918	5,543	0	0	0	0
			2	558629	636821	5,629	0	0	0	0
			3	558471	636454	5,385	0	0	0	0
			4	559699	636266	4,695	0	0	0	0
			5	560048	636262	4,590	0	0	0	0
			6	559575	634719	3,330	0	0	0	0
			7	559635	634317	2,954	0	0	0	0
			8	559967	633921	2,443	0	0	0	0
			9	559988	633538	2,111	0	0	0	0
			10	560213	634189	2,570	0	0	0	0
			11	560355	633784	2,142	0	0	0	0
			12	560540	633452	1,764	0	0	0	0
			13	560792	634470	2,680	0	0	0	0
			14	561156	634401	2,577	0	0	0	0
			15	561442	634564	2,748	0	0	0	0

			16	560787	633896	2,116	0	0	0	0
			17	561214	633948	2,123	0	0	0	0
NSL263	561640	632067	1	559035	636918	5,506	0	0	0	0
			2	558629	636821	5,627	0	0	0	0
			3	558471	636454	5,412	0	0	0	0
			4	559699	636266	4,626	0	0	0	0
			5	560048	636262	4,487	0	0	0	0
			6	559575	634719	3,361	0	0	0	0
			7	559635	634317	3,014	0	0	0	0
			8	559967	633921	2,497	0	0	0	0
			9	559988	633538	2,212	0	0	0	0
			10	560213	634189	2,557	0	0	0	0
			11	560355	633784	2,145	0	0	0	0
			12	560540	633452	1,769	0	0	0	0
			13	560792	634470	2,548	0	0	0	0
			14	561156	634401	2,384	0	0	0	0
			15	561442	634564	2,505	0	0	0	0

			16	560787	633896	2,018	0	0	0	0
			17	561214	633948	1,929	0	0	0	0
NSL307	561452	631937	1	559035	636918	5,536	0	0	0	0
			2	558629	636821	5,641	0	0	0	0
			3	558471	636454	5,412	0	0	0	0
			4	559699	636266	4,670	0	0	0	0
			5	560048	636262	4,547	0	0	0	0
			6	559575	634719	3,356	0	0	0	0
			7	559635	634317	2,994	0	0	0	0
			8	559967	633921	2,478	0	0	0	0
			9	559988	633538	2,169	0	0	0	0
			10	560213	634189	2,570	0	0	0	0
			11	560355	633784	2,148	0	0	0	0
			12	560540	633452	1,768	0	0	0	0
			13	560792	634470	2,618	0	0	0	0
			14	561156	634401	2,482	0	0	0	0
			15	561442	634564	2,627	0	0	0	0

			16	560787	633896	2,069	0	0	0	0
			17	561214	633948	2,025	0	0	0	0
NSL250	561665	632052	1	559035	636918	5,531	0	0	0	0
			2	558629	636821	5,653	0	0	0	0
			3	558471	636454	5,439	0	0	0	0
			4	559699	636266	4,650	0	0	0	0
			5	560048	636262	4,510	0	0	0	0
			6	559575	634719	3,388	0	0	0	0
			7	559635	634317	3,042	0	0	0	0
			8	559967	633921	2,525	0	0	0	0
			9	559988	633538	2,241	0	0	0	0
			10	560213	634189	2,584	0	0	0	0
			11	560355	633784	2,172	0	0	0	0
			12	560540	633452	1,796	0	0	0	0
			13	560792	634470	2,571	0	0	0	0
			14	561156	634401	2,404	0	0	0	0
			15	561442	634564	2,522	0	0	0	0

			16	560787	633896	2,042	0	0	0	0
			17	561214	633948	1,949	0	0	0	0
NSL249	561691	632034	1	559035	636918	5,559	0	0	0	0
			2	558629	636821	5,683	0	0	0	0
			3	558471	636454	5,469	0	0	0	0
			4	559699	636266	4,677	0	0	0	0
			5	560048	636262	4,536	0	0	0	0
			6	559575	634719	3,419	0	0	0	0
			7	559635	634317	3,072	0	0	0	0
			8	559967	633921	2,556	0	0	0	0
			9	559988	633538	2,272	0	0	0	0
			10	560213	634189	2,613	0	0	0	0
			11	560355	633784	2,202	0	0	0	0
			12	560540	633452	1,826	0	0	0	0
			13	560792	634470	2,597	0	0	0	0
			14	561156	634401	2,427	0	0	0	0
			15	561442	634564	2,542	0	0	0	0

			16	560787	633896	2,070	0	0	0	0
			17	561214	633948	1,973	0	0	0	0
NSL486	561243	631755	1	559035	636918	5,615	0	0	0	0
			2	558629	636821	5,701	0	0	0	0
			3	558471	636454	5,456	0	0	0	0
			4	559699	636266	4,768	0	0	0	0
			5	560048	636262	4,663	0	0	0	0
			6	559575	634719	3,401	0	0	0	0
			7	559635	634317	3,025	0	0	0	0
			8	559967	633921	2,514	0	0	0	0
			9	559988	633538	2,180	0	0	0	0
			10	560213	634189	2,643	0	0	0	0
			11	560355	633784	2,215	0	0	0	0
			12	560540	633452	1,837	0	0	0	0
			13	560792	634470	2,752	0	0	0	0
			14	561156	634401	2,647	0	0	0	0
			15	561442	634564	2,816	0	0	0	0

			16	560787	633896	2,189	0	0	0	0
			17	561214	633948	2,193	0	0	0	0
NSL431	561236	631712	1	559035	636918	5,652	0	0	0	0
			2	558629	636821	5,736	0	0	0	0
			3	558471	636454	5,489	0	0	0	0
			4	559699	636266	4,806	0	0	0	0
			5	560048	636262	4,703	0	0	0	0
			6	559575	634719	3,435	0	0	0	0
			7	559635	634317	3,058	0	0	0	0
			8	559967	633921	2,548	0	0	0	0
			9	559988	633538	2,212	0	0	0	0
			10	560213	634189	2,680	0	0	0	0
			11	560355	633784	2,252	0	0	0	0
			12	560540	633452	1,874	0	0	0	0
			13	560792	634470	2,794	0	0	0	0
			14	561156	634401	2,690	0	0	0	0
			15	561442	634564	2,859	0	0	0	0

			16	560787	633896	2,230	0	0	0	0
			17	561214	633948	2,236	0	0	0	0
NSL200	561229	631684	1	559035	636918	5,675	0	0	0	0
			2	558629	636821	5,757	0	0	0	0
			3	558471	636454	5,510	0	0	0	0
			4	559699	636266	4,831	0	0	0	0
			5	560048	636262	4,728	0	0	0	0
			6	559575	634719	3,456	0	0	0	0
			7	559635	634317	3,078	0	0	0	0
			8	559967	633921	2,568	0	0	0	0
			9	559988	633538	2,231	0	0	0	0
			10	560213	634189	2,703	0	0	0	0
			11	560355	633784	2,275	0	0	0	0
			12	560540	633452	1,898	0	0	0	0
			13	560792	634470	2,820	0	0	0	0
			14	561156	634401	2,718	0	0	0	0
			15	561442	634564	2,888	0	0	0	0

			16	560787	633896	2,256	0	0	0	0
			17	561214	633948	2,264	0	0	0	0
NSL170	561219	631653	1	559035	636918	5,700	0	0	0	0
			2	558629	636821	5,781	0	0	0	0
			3	558471	636454	5,532	0	0	0	0
			4	559699	636266	4,857	0	0	0	0
			5	560048	636262	4,755	0	0	0	0
			6	559575	634719	3,479	0	0	0	0
			7	559635	634317	3,099	0	0	0	0
			8	559967	633921	2,591	0	0	0	0
			9	559988	633538	2,251	0	0	0	0
			10	560213	634189	2,728	0	0	0	0
			11	560355	633784	2,299	0	0	0	0
			12	560540	633452	1,923	0	0	0	0
			13	560792	634470	2,849	0	0	0	0
			14	561156	634401	2,749	0	0	0	0
			15	561442	634564	2,920	0	0	0	0

			16	560787	633896	2,284	0	0	0	0
			17	561214	633948	2,295	0	0	0	0
NSL482	561214	631619	1	559035	636918	5,730	0	0	0	0
			2	558629	636821	5,809	0	0	0	0
			3	558471	636454	5,559	0	0	0	0
			4	559699	636266	4,888	0	0	0	0
			5	560048	636262	4,787	0	0	0	0
			6	559575	634719	3,507	0	0	0	0
			7	559635	634317	3,126	0	0	0	0
			8	559967	633921	2,618	0	0	0	0
			9	559988	633538	2,277	0	0	0	0
			10	560213	634189	2,758	0	0	0	0
			11	560355	633784	2,329	0	0	0	0
			12	560540	633452	1,953	0	0	0	0
			13	560792	634470	2,882	0	0	0	0
			14	561156	634401	2,783	0	0	0	0
			15	561442	634564	2,954	0	0	0	0

			16	560787	633896	2,317	0	0	0	0
			17	561214	633948	2,329	0	0	0	0
NSL144	561206	631587	1	559035	636918	5,756	0	0	0	0
			2	558629	636821	5,834	0	0	0	0
			3	558471	636454	5,583	0	0	0	0
			4	559699	636266	4,916	0	0	0	0
			5	560048	636262	4,816	0	0	0	0
			6	559575	634719	3,531	0	0	0	0
			7	559635	634317	3,150	0	0	0	0
			8	559967	633921	2,642	0	0	0	0
			9	559988	633538	2,300	0	0	0	0
			10	560213	634189	2,785	0	0	0	0
			11	560355	633784	2,356	0	0	0	0
			12	560540	633452	1,980	0	0	0	0
			13	560792	634470	2,913	0	0	0	0
			14	561156	634401	2,814	0	0	0	0
			15	561442	634564	2,986	0	0	0	0

			16	560787	633896	2,347	0	0	0	0
			17	561214	633948	2,361	0	0	0	0
NSL172	561914	631946	1	559035	636918	5,745	0	0	0	0
			2	558629	636821	5,879	0	0	0	0
			3	558471	636454	5,672	0	0	0	0
			4	559699	636266	4,855	0	0	0	0
			5	560048	636262	4,702	0	0	0	0
			6	559575	634719	3,628	0	0	0	0
			7	559635	634317	3,289	0	0	0	0
			8	559967	633921	2,773	0	0	0	0
			9	559988	633538	2,499	0	0	0	0
			10	560213	634189	2,815	0	0	0	0
			11	560355	633784	2,410	0	0	0	0
			12	560540	633452	2,039	0	0	0	0
			13	560792	634470	2,762	0	0	0	0
			14	561156	634401	2,569	0	0	0	0
			15	561442	634564	2,660	0	0	0	0

			16	560787	633896	2,252	0	0	0	0
			17	561214	633948	2,121	0	0	0	0
NSL368	561091	631467	1	559035	636918	5,826	0	0	0	0
			2	558629	636821	5,893	0	0	0	0
			3	558471	636454	5,633	0	0	0	0
			4	559699	636266	4,997	0	0	0	0
			5	560048	636262	4,907	0	0	0	0
			6	559575	634719	3,588	0	0	0	0
			7	559635	634317	3,200	0	0	0	0
			8	559967	633921	2,699	0	0	0	0
			9	559988	633538	2,346	0	0	0	0
			10	560213	634189	2,860	0	0	0	0
			11	560355	633784	2,431	0	0	0	0
			12	560540	633452	2,060	0	0	0	0
			13	560792	634470	3,018	0	0	0	0
			14	561156	634401	2,935	0	0	0	0
			15	561442	634564	3,117	0	0	0	0

			16	560787	633896	2,448	0	0	0	0
			17	561214	633948	2,484	0	0	0	0
NSL520	559478	63338	1	559035	636918	573,580	0	0	0	0
			2	558629	636821	573,484	0	0	0	0
			3	558471	636454	573,117	0	0	0	0
			4	559699	636266	572,928	0	0	0	0
			5	560048	636262	572,924	0	0	0	0
			6	559575	634719	571,381	0	0	0	0
			7	559635	634317	570,979	0	0	0	0
			8	559967	633921	570,583	0	0	0	0
			9	559988	633538	570,200	0	0	0	0
			10	560213	634189	570,851	0	0	0	0
			11	560355	633784	570,447	0	0	0	0
			12	560540	633452	570,115	0	0	0	0
			13	560792	634470	571,134	0	0	0	0
			14	561156	634401	571,065	0	0	0	0
			15	561442	634564	571,229	0	0	0	0

			16	560787	633896	570,560	0	0	0	0
			17	561214	633948	570,613	0	0	0	0
NSL057	560850	635115	1	559035	636918	2,558	0	0	0	0
			2	558629	636821	2,801	0	0	0	0
			3	558471	636454	2,730	0	0	0	0
			4	559699	636266	1,628	0	0	0	0
			5	560048	636262	1,400	0	0	0	1
			6	559575	634719	1,335	0	0	0	1
			7	559635	634317	1,454	0	0	0	1
			8	559967	633921	1,485	0	0	0	1
			9	559988	633538	1,797	0	0	0	0
			10	560213	634189	1,124	0	0	0	1
			11	560355	633784	1,420	0	0	0	1
			12	560540	633452	1,692	0	0	0	0
			13	560792	634470	648	1	1	1	1
			14	561156	634401	777	0	1	1	1
			15	561442	634564	809	0	1	1	1

			16	560787	633896	1,221	0	0	0	1
			17	561214	633948	1,222	0	0	0	1
NSL370	560495	635055	1	559035	636918	2,367	0	0	0	0
			2	558629	636821	2,569	0	0	0	0
			3	558471	636454	2,460	0	0	0	0
			4	559699	636266	1,449	0	0	0	1
			5	560048	636262	1,287	0	0	0	1
			6	559575	634719	979	0	0	1	1
			7	559635	634317	1,133	0	0	0	1
			8	559967	633921	1,251	0	0	0	1
			9	559988	633538	1,599	0	0	0	0
			10	560213	634189	911	0	0	1	1
			11	560355	633784	1,279	0	0	0	1
			12	560540	633452	1,604	0	0	0	0
			13	560792	634470	656	1	1	1	1
			14	561156	634401	930	0	0	1	1
			15	561442	634564	1,067	0	0	1	1

			16	560787	633896	1,195	0	0	0	1
			17	561214	633948	1,320	0	0	0	1
NSL422	**560423**	**635053**	1	559035	636918	2,325	0	0	0	0
			2	558629	636821	2,519	0	0	0	0
			3	558471	636454	2,403	0	0	0	0
			4	559699	636266	1,413	0	0	0	1
			5	560048	636262	1,266	0	0	0	1
			6	559575	634719	911	0	0	1	1
			7	559635	634317	1,078	0	0	1	1
			8	559967	633921	1,220	0	0	0	1
			9	559988	633538	1,576	0	0	0	0
			10	560213	634189	889	0	0	1	1
			11	560355	633784	1,271	0	0	0	1
			12	560540	633452	1,605	0	0	0	0
			13	560792	634470	690	0	1	1	1
			14	561156	634401	981	0	0	1	1
			15	561442	634564	1,130	0	0	0	1

			16	560787	633896	1,213	0	0	0	1
			17	561214	633948	1,359	0	0	0	1
NSL306	560831	635197	1	559035	636918	2,487	0	0	0	0
			2	558629	636821	2,736	0	0	0	0
			3	558471	636454	2,674	0	0	0	0
			4	559699	636266	1,557	0	0	0	0
			5	560048	636262	1,322	0	0	0	1
			6	559575	634719	1,344	0	0	0	1
			7	559635	634317	1,485	0	0	0	1
			8	559967	633921	1,541	0	0	0	0
			9	559988	633538	1,861	0	0	0	0
			10	560213	634189	1,182	0	0	0	1
			11	560355	633784	1,491	0	0	0	1
			12	560540	633452	1,769	0	0	0	0
			13	560792	634470	728	0	1	1	1
			14	561156	634401	860	0	1	1	1
			15	561442	634564	880	0	0	1	1

			16	560787	633896	1,302	0	0	0	1
			17	561214	633948	1,306	0	0	0	1
NSL048	**560349**	**635117**	1	559035	636918	2,229	0	0	0	0
			2	558629	636821	2,421	0	0	0	0
			3	558471	636454	2,305	0	0	0	0
			4	559699	636266	1,320	0	0	0	1
			5	560048	636262	1,184	0	0	0	1
			6	559575	634719	870	0	0	1	1
			7	559635	634317	1,072	0	0	1	1
			8	559967	633921	1,256	0	0	0	1
			9	559988	633538	1,620	0	0	0	0
			10	560213	634189	938	0	0	1	1
			11	560355	633784	1,333	0	0	0	1
			12	560540	633452	1,676	0	0	0	0
			13	560792	634470	784	0	1	1	1
			14	561156	634401	1,079	0	0	1	1
			15	561442	634564	1,225	0	0	0	1

			16	560787	633896	1,297	0	0	0	1
			17	561214	633948	1,454	0	0	0	1
NSL065	**561059**	**635135**	1	559035	636918	2,697	0	0	0	0
			2	558629	636821	2,958	0	0	0	0
			3	558471	636454	2,905	0	0	0	0
			4	559699	636266	1,769	0	0	0	0
			5	560048	636262	1,514	0	0	0	0
			6	559575	634719	1,541	0	0	0	0
			7	559635	634317	1,642	0	0	0	0
			8	559967	633921	1,633	0	0	0	0
			9	559988	633538	1,923	0	0	0	0
			10	560213	634189	1,269	0	0	0	1
			11	560355	633784	1,523	0	0	0	0
			12	560540	633452	1,761	0	0	0	0
			13	560792	634470	717	0	1	1	1
			14	561156	634401	740	0	1	1	1
			15	561442	634564	688	0	1	1	1

			16	560787	633896	1,269	0	0	0	1
			17	561214	633948	1,197	0	0	0	1
NSL049	561335	635301	1	559035	636918	2,812	0	0	0	0
			2	558629	636821	3,104	0	0	0	0
			3	558471	636454	3,087	0	0	0	0
			4	559699	636266	1,899	0	0	0	0
			5	560048	636262	1,606	0	0	0	0
			6	559575	634719	1,854	0	0	0	0
			7	559635	634317	1,964	0	0	0	0
			8	559967	633921	1,943	0	0	0	0
			9	559988	633538	2,219	0	0	0	0
			10	560213	634189	1,580	0	0	0	0
			11	560355	633784	1,806	0	0	0	0
			12	560540	633452	2,013	0	0	0	0
			13	560792	634470	993	0	0	1	1
			14	561156	634401	918	0	0	1	1
			15	561442	634564	745	0	1	1	1

			16	560787	633896	1,508	0	0	0	0
			17	561214	633948	1,358	0	0	0	1
NSL067	**561617**	**635299**	1	559035	636918	3,048	0	0	0	0
			2	558629	636821	3,353	0	0	0	0
			3	558471	636454	3,351	0	0	0	0
			4	559699	636266	2,148	0	0	0	0
			5	560048	636262	1,841	0	0	0	0
			6	559575	634719	2,123	0	0	0	0
			7	559635	634317	2,212	0	0	0	0
			8	559967	633921	2,150	0	0	0	0
			9	559988	633538	2,399	0	0	0	0
			10	560213	634189	1,790	0	0	0	0
			11	560355	633784	1,972	0	0	0	0
			12	560540	633452	2,138	0	0	0	0
			13	560792	634470	1,170	0	0	0	1
			14	561156	634401	1,009	0	0	1	1
			15	561442	634564	756	0	1	1	1

			16	560787	633896	1,630	0	0	0	0
			17	561214	633948	1,410	0	0	0	1
NSL066	561575	635308	1	559035	636918	3,007	0	0	0	0
			2	558629	636821	3,312	0	0	0	0
			3	558471	636454	3,309	0	0	0	0
			4	559699	636266	2,106	0	0	0	0
			5	560048	636262	1,801	0	0	0	0
			6	559575	634719	2,085	0	0	0	0
			7	559635	634317	2,178	0	0	0	0
			8	559967	633921	2,124	0	0	0	0
			9	559988	633538	2,377	0	0	0	0
			10	560213	634189	1,763	0	0	0	0
			11	560355	633784	1,952	0	0	0	0
			12	560540	633452	2,125	0	0	0	0
			13	560792	634470	1,147	0	0	0	1
			14	561156	634401	999	0	0	1	1
			15	561442	634564	756	0	1	1	1

			16	560787	633896	1,617	0	0	0	0
			17	561214	633948	1,407	0	0	0	1
NSL450	562194	634328	1	559035	636918	4,085	0	0	0	0
			2	558629	636821	4,350	0	0	0	0
			3	558471	636454	4,287	0	0	0	0
			4	559699	636266	3,159	0	0	0	0
			5	560048	636262	2,889	0	0	0	0
			6	559575	634719	2,648	0	0	0	0
			7	559635	634317	2,559	0	0	0	0
			8	559967	633921	2,264	0	0	0	0
			9	559988	633538	2,343	0	0	0	0
			10	560213	634189	1,986	0	0	0	0
			11	560355	633784	1,918	0	0	0	0
			12	560540	633452	1,872	0	0	0	0
			13	560792	634470	1,409	0	0	0	1
			14	561156	634401	1,041	0	0	1	1
			15	561442	634564	788	0	1	1	1

			16	560787	633896	1,472	0	0	0	1
			17	561214	633948	1,051	0	0	1	1
NSL344	562097	634092	1	559035	636918	4,167	0	0	0	0
			2	558629	636821	4,413	0	0	0	0
			3	558471	636454	4,327	0	0	0	0
			4	559699	636266	3,237	0	0	0	0
			5	560048	636262	2,985	0	0	0	0
			6	559575	634719	2,599	0	0	0	0
			7	559635	634317	2,472	0	0	0	0
			8	559967	633921	2,137	0	0	0	0
			9	559988	633538	2,181	0	0	0	0
			10	560213	634189	1,886	0	0	0	0
			11	560355	633784	1,769	0	0	0	0
			12	560540	633452	1,683	0	0	0	0
			13	560792	634470	1,359	0	0	0	1
			14	561156	634401	990	0	0	1	1
			15	561442	634564	807	0	1	1	1

			16	560787	633896	1,325	0	0	0	1
			17	561214	633948	895	0	0	1	1
NSL092	**562267**	**634521**	1	559035	636918	4,024	0	0	0	0
			2	558629	636821	4,304	0	0	0	0
			3	558471	636454	4,260	0	0	0	0
			4	559699	636266	3,105	0	0	0	0
			5	560048	636262	2,820	0	0	0	0
			6	559575	634719	2,699	0	0	0	0
			7	559635	634317	2,640	0	0	0	0
			8	559967	633921	2,377	0	0	0	0
			9	559988	633538	2,482	0	0	0	0
			10	560213	634189	2,081	0	0	0	0
			11	560355	633784	2,049	0	0	0	0
			12	560540	633452	2,031	0	0	0	0
			13	560792	634470	1,476	0	0	0	1
			14	561156	634401	1,117	0	0	0	1
			15	561442	634564	826	0	1	1	1

			16	560787	633896	1,607	0	0	0	0
			17	561214	633948	1,199	0	0	0	1
NSL466	**562281**	**634595**	1	559035	636918	3,992	0	0	0	0
			2	558629	636821	4,277	0	0	0	0
			3	558471	636454	4,239	0	0	0	0
			4	559699	636266	3,076	0	0	0	0
			5	560048	636262	2,787	0	0	0	0
			6	559575	634719	2,709	0	0	0	0
			7	559635	634317	2,661	0	0	0	0
			8	559967	633921	2,410	0	0	0	0
			9	559988	633538	2,525	0	0	0	0
			10	560213	634189	2,107	0	0	0	0
			11	560355	633784	2,090	0	0	0	0
			12	560540	633452	2,083	0	0	0	0
			13	560792	634470	1,494	0	0	0	1
			14	561156	634401	1,142	0	0	0	1
			15	561442	634564	840	0	1	1	1

			16	560787	633896	1,649	0	0	0	0
			17	561214	633948	1,248	0	0	0	1
NSL381	**562069**	**634003**	1	559035	636918	4,207	0	0	0	0
			2	558629	636821	4,447	0	0	0	0
			3	558471	636454	4,354	0	0	0	0
			4	559699	636266	3,277	0	0	0	0
			5	560048	636262	3,031	0	0	0	0
			6	559575	634719	2,595	0	0	0	0
			7	559635	634317	2,454	0	0	0	0
			8	559967	633921	2,104	0	0	0	0
			9	559988	633538	2,132	0	0	0	0
			10	560213	634189	1,865	0	0	0	0
			11	560355	633784	1,728	0	0	0	0
			12	560540	633452	1,625	0	0	0	0
			13	560792	634470	1,360	0	0	0	1
			14	561156	634401	996	0	0	1	1
			15	561442	634564	841	0	1	1	1

			16	560787	633896	1,286	0	0	0	1
			17	561214	633948	857	0	1	1	1
NSL499	562293	634507	1	559035	636918	4,053	0	0	0	0
			2	558629	636821	4,334	0	0	0	0
			3	558471	636454	4,289	0	0	0	0
			4	559699	636266	3,134	0	0	0	0
			5	560048	636262	2,850	0	0	0	0
			6	559575	634719	2,726	0	0	0	0
			7	559635	634317	2,665	0	0	0	0
			8	559967	633921	2,399	0	0	0	0
			9	559988	633538	2,500	0	0	0	0
			10	560213	634189	2,104	0	0	0	0
			11	560355	633784	2,068	0	0	0	0
			12	560540	633452	2,046	0	0	0	0
			13	560792	634470	1,501	0	0	0	0
			14	561156	634401	1,142	0	0	0	1
			15	561442	634564	853	0	1	1	1

			16	560787	633896	1,625	0	0	0	0
			17	561214	633948	1,215	0	0	0	1
NSL181	562292	634455	1	559035	636918	4,083	0	0	0	0
			2	558629	636821	4,361	0	0	0	0
			3	558471	636454	4,312	0	0	0	0
			4	559699	636266	3,163	0	0	0	0
			5	560048	636262	2,881	0	0	0	0
			6	559575	634719	2,730	0	0	0	0
			7	559635	634317	2,661	0	0	0	0
			8	559967	633921	2,386	0	0	0	0
			9	559988	633538	2,480	0	0	0	0
			10	560213	634189	2,096	0	0	0	0
			11	560355	633784	2,050	0	0	0	0
			12	560540	633452	2,019	0	0	0	0
			13	560792	634470	1,500	0	0	0	1
			14	561156	634401	1,137	0	0	0	1
			15	561442	634564	857	0	1	1	1

			16	560787	633896	1,605	0	0	0	0
			17	561214	633948	1,191	0	0	0	1
NSL182	562201	634142	1	559035	636918	4,211	0	0	0	0
			2	558629	636821	4,465	0	0	0	0
			3	558471	636454	4,388	0	0	0	0
			4	559699	636266	3,282	0	0	0	0
			5	560048	636262	3,022	0	0	0	0
			6	559575	634719	2,689	0	0	0	0
			7	559635	634317	2,572	0	0	0	0
			8	559967	633921	2,245	0	0	0	0
			9	559988	633538	2,294	0	0	0	0
			10	560213	634189	1,989	0	0	0	0
			11	560355	633784	1,880	0	0	0	0
			12	560540	633452	1,799	0	0	0	0
			13	560792	634470	1,447	0	0	0	1
			14	561156	634401	1,077	0	0	1	1
			15	561442	634564	868	0	0	1	1

			16	560787	633896	1,435	0	0	0	1
			17	561214	633948	1,006	0	0	1	1
NSL035	562311	634532	1	559035	636918	4,053	0	0	0	0
			2	558629	636821	4,336	0	0	0	0
			3	558471	636454	4,294	0	0	0	0
			4	559699	636266	3,135	0	0	0	0
			5	560048	636262	2,849	0	0	0	0
			6	559575	634719	2,742	0	0	0	0
			7	559635	634317	2,685	0	0	0	0
			8	559967	633921	2,422	0	0	0	0
			9	559988	633538	2,527	0	0	0	0
			10	560213	634189	2,126	0	0	0	0
			11	560355	633784	2,094	0	0	0	0
			12	560540	633452	2,074	0	0	0	0
			13	560792	634470	1,520	0	0	0	0
			14	561156	634401	1,162	0	0	0	1
			15	561442	634564	870	0	0	1	1

			16	560787	633896	1,651	0	0	0	0
			17	561214	633948	1,243	0	0	0	1
NSL266	561811	635354	1	559035	636918	3,186	0	0	0	0
			2	558629	636821	3,504	0	0	0	0
			3	558471	636454	3,516	0	0	0	0
			4	559699	636266	2,300	0	0	0	0
			5	560048	636262	1,983	0	0	0	0
			6	559575	634719	2,324	0	0	0	0
			7	559635	634317	2,410	0	0	0	0
			8	559967	633921	2,335	0	0	0	0
			9	559988	633538	2,573	0	0	0	0
			10	560213	634189	1,978	0	0	0	0
			11	560355	633784	2,141	0	0	0	0
			12	560540	633452	2,288	0	0	0	0
			13	560792	634470	1,349	0	0	0	1
			14	561156	634401	1,156	0	0	0	1
			15	561442	634564	872	0	0	1	1

			16	560787	633896	1,782	0	0	0	0
			17	561214	633948	1,527	0	0	0	0
NSL034	**562323**	**634693**	1	559035	636918	3,970	0	0	0	0
			2	558629	636821	4,263	0	0	0	0
			3	558471	636454	4,235	0	0	0	0
			4	559699	636266	3,059	0	0	0	0
			5	560048	636262	2,764	0	0	0	0
			6	559575	634719	2,748	0	0	0	0
			7	559635	634317	2,714	0	0	0	0
			8	559967	633921	2,479	0	0	0	0
			9	559988	633538	2,605	0	0	0	0
			10	560213	634189	2,169	0	0	0	0
			11	560355	633784	2,168	0	0	0	0
			12	560540	633452	2,172	0	0	0	0
			13	560792	634470	1,547	0	0	0	0
			14	561156	634401	1,203	0	0	0	1
			15	561442	634564	890	0	0	1	1

			16	560787	633896	1,730	0	0	0	0
			17	561214	633948	1,336	0	0	0	1
NSL439	561875	635341	1	559035	636918	3,248	0	0	0	0
			2	558629	636821	3,567	0	0	0	0
			3	558471	636454	3,581	0	0	0	0
			4	559699	636266	2,364	0	0	0	0
			5	560048	636262	2,046	0	0	0	0
			6	559575	634719	2,383	0	0	0	0
			7	559635	634317	2,463	0	0	0	0
			8	559967	633921	2,378	0	0	0	0
			9	559988	633538	2,610	0	0	0	0
			10	560213	634189	2,022	0	0	0	0
			11	560355	633784	2,176	0	0	0	0
			12	560540	633452	2,313	0	0	0	0
			13	560792	634470	1,390	0	0	0	1
			14	561156	634401	1,183	0	0	0	1
			15	561442	634564	890	0	0	1	1

			16	560787	633896	1,809	0	0	0	0
			17	561214	633948	1,542	0	0	0	0
NSL069	561851	635355	1	559035	636918	3,221	0	0	0	0
			2	558629	636821	3,540	0	0	0	0
			3	558471	636454	3,554	0	0	0	0
			4	559699	636266	2,337	0	0	0	0
			5	560048	636262	2,018	0	0	0	0
			6	559575	634719	2,363	0	0	0	0
			7	559635	634317	2,447	0	0	0	0
			8	559967	633921	2,368	0	0	0	0
			9	559988	633538	2,602	0	0	0	0
			10	560213	634189	2,011	0	0	0	0
			11	560355	633784	2,169	0	0	0	0
			12	560540	633452	2,311	0	0	0	0
			13	560792	634470	1,380	0	0	0	1
			14	561156	634401	1,180	0	0	0	1
			15	561442	634564	890	0	0	1	1

			16	560787	633896	1,806	0	0	0	0
			17	561214	633948	1,544	0	0	0	0
NSL197	561794	635393	1	559035	636918	3,152	0	0	0	0
			2	558629	636821	3,472	0	0	0	0
			3	558471	636454	3,488	0	0	0	0
			4	559699	636266	2,270	0	0	0	0
			5	560048	636262	1,950	0	0	0	0
			6	559575	634719	2,319	0	0	0	0
			7	559635	634317	2,412	0	0	0	0
			8	559967	633921	2,346	0	0	0	0
			9	559988	633538	2,589	0	0	0	0
			10	560213	634189	1,987	0	0	0	0
			11	560355	633784	2,159	0	0	0	0
			12	560540	633452	2,311	0	0	0	0
			13	560792	634470	1,362	0	0	0	1
			14	561156	634401	1,179	0	0	0	1
			15	561442	634564	901	0	0	1	1

			16	560787	633896	1,804	0	0	0	0
			17	561214	633948	1,557	0	0	0	0
NSL196	561825	635397	1	559035	636918	3,178	0	0	0	0
			2	558629	636821	3,499	0	0	0	0
			3	558471	636454	3,517	0	0	0	0
			4	559699	636266	2,297	0	0	0	0
			5	560048	636262	1,976	0	0	0	0
			6	559575	634719	2,350	0	0	0	0
			7	559635	634317	2,442	0	0	0	0
			8	559967	633921	2,373	0	0	0	0
			9	559988	633538	2,614	0	0	0	0
			10	560213	634189	2,014	0	0	0	0
			11	560355	633784	2,182	0	0	0	0
			12	560540	633452	2,331	0	0	0	0
			13	560792	634470	1,388	0	0	0	1
			14	561156	634401	1,200	0	0	0	1
			15	561442	634564	917	0	0	1	1

			16	560787	633896	1,825	0	0	0	0
			17	561214	633948	1,573	0	0	0	0
NSL068	561889	635366	1	559035	636918	3,249	0	0	0	0
			2	558629	636821	3,570	0	0	0	0
			3	558471	636454	3,587	0	0	0	0
			4	559699	636266	2,368	0	0	0	0
			5	560048	636262	2,047	0	0	0	0
			6	559575	634719	2,403	0	0	0	0
			7	559635	634317	2,486	0	0	0	0
			8	559967	633921	2,405	0	0	0	0
			9	559988	633538	2,637	0	0	0	0
			10	560213	634189	2,048	0	0	0	0
			11	560355	633784	2,204	0	0	0	0
			12	560540	633452	2,342	0	0	0	0
			13	560792	634470	1,416	0	0	0	1
			14	561156	634401	1,212	0	0	0	1
			15	561442	634564	918	0	0	1	1

			16	560787	633896	1,837	0	0	0	0
			17	561214	633948	1,570	0	0	0	0
NSL403	561916	635356	1	559035	636918	3,277	0	0	0	0
			2	558629	636821	3,599	0	0	0	0
			3	558471	636454	3,616	0	0	0	0
			4	559699	636266	2,396	0	0	0	0
			5	560048	636262	2,076	0	0	0	0
			6	559575	634719	2,426	0	0	0	0
			7	559635	634317	2,506	0	0	0	0
			8	559967	633921	2,420	0	0	0	0
			9	559988	633538	2,650	0	0	0	0
			10	560213	634189	2,064	0	0	0	0
			11	560355	633784	2,215	0	0	0	0
			12	560540	633452	2,349	0	0	0	0
			13	560792	634470	1,431	0	0	0	1
			14	561156	634401	1,221	0	0	0	1
			15	561442	634564	923	0	0	1	1

			16	560787	633896	1,846	0	0	0	0
			17	561214	633948	1,573	0	0	0	0
NSL474	**561851**	**635402**	1	559035	636918	3,198	0	0	0	0
			2	558629	636821	3,521	0	0	0	0
			3	558471	636454	3,540	0	0	0	0
			4	559699	636266	2,319	0	0	0	0
			5	560048	636262	1,998	0	0	0	0
			6	559575	634719	2,376	0	0	0	0
			7	559635	634317	2,467	0	0	0	0
			8	559967	633921	2,396	0	0	0	0
			9	559988	633538	2,635	0	0	0	0
			10	560213	634189	2,038	0	0	0	0
			11	560355	633784	2,204	0	0	0	0
			12	560540	633452	2,350	0	0	0	0
			13	560792	634470	1,411	0	0	0	1
			14	561156	634401	1,219	0	0	0	1
			15	561442	634564	932	0	0	1	1

			16	560787	633896	1,844	0	0	0	0
			17	561214	633948	1,587	0	0	0	0
NSL456	561839	635410	1	559035	636918	3,184	0	0	0	0
			2	558629	636821	3,506	0	0	0	0
			3	558471	636454	3,526	0	0	0	0
			4	559699	636266	2,305	0	0	0	0
			5	560048	636262	1,983	0	0	0	0
			6	559575	634719	2,367	0	0	0	0
			7	559635	634317	2,460	0	0	0	0
			8	559967	633921	2,392	0	0	0	0
			9	559988	633538	2,633	0	0	0	0
			10	560213	634189	2,033	0	0	0	0
			11	560355	633784	2,201	0	0	0	0
			12	560540	633452	2,350	0	0	0	0
			13	560792	634470	1,407	0	0	0	1
			14	561156	634401	1,218	0	0	0	1
			15	561442	634564	935	0	0	1	1

			16	560787	633896	1,844	0	0	0	0
			17	561214	633948	1,590	0	0	0	0
NSL214	561874	635397	1	559035	636918	3,221	0	0	0	0
			2	558629	636821	3,544	0	0	0	0
			3	558471	636454	3,563	0	0	0	0
			4	559699	636266	2,342	0	0	0	0
			5	560048	636262	2,021	0	0	0	0
			6	559575	634719	2,397	0	0	0	0
			7	559635	634317	2,486	0	0	0	0
			8	559967	633921	2,411	0	0	0	0
			9	559988	633538	2,648	0	0	0	0
			10	560213	634189	2,054	0	0	0	0
			11	560355	633784	2,216	0	0	0	0
			12	560540	633452	2,359	0	0	0	0
			13	560792	634470	1,425	0	0	0	1
			14	561156	634401	1,228	0	0	0	1
			15	561442	634564	938	0	0	1	1

			16	560787	633896	1,853	0	0	0	0
			17	561214	633948	1,592	0	0	0	0
NSL305	**561912**	**635409**	1	559035	636918	3,249	0	0	0	0
			2	558629	636821	3,574	0	0	0	0
			3	558471	636454	3,596	0	0	0	0
			4	559699	636266	2,373	0	0	0	0
			5	560048	636262	2,050	0	0	0	0
			6	559575	634719	2,437	0	0	0	0
			7	559635	634317	2,525	0	0	0	0
			8	559967	633921	2,449	0	0	0	0
			9	559988	633538	2,684	0	0	0	0
			10	560213	634189	2,092	0	0	0	0
			11	560355	633784	2,251	0	0	0	0
			12	560540	633452	2,390	0	0	0	0
			13	560792	634470	1,462	0	0	0	1
			14	561156	634401	1,260	0	0	0	1
			15	561442	634564	967	0	0	1	1

			16	560787	633896	1,885	0	0	0	0
			17	561214	633948	1,619	0	0	0	0
NSL091	562412	634835	1	559035	636918	3,968	0	0	0	0
			2	558629	636821	4,273	0	0	0	0
			3	558471	636454	4,261	0	0	0	0
			4	559699	636266	3,067	0	0	0	0
			5	560048	636262	2,761	0	0	0	0
			6	559575	634719	2,839	0	0	0	0
			7	559635	634317	2,825	0	0	0	0
			8	559967	633921	2,610	0	0	0	0
			9	559988	633538	2,749	0	0	0	0
			10	560213	634189	2,292	0	0	0	0
			11	560355	633784	2,310	0	0	0	0
			12	560540	633452	2,327	0	0	0	0
			13	560792	634470	1,661	0	0	0	0
			14	561156	634401	1,329	0	0	0	1
			15	561442	634564	1,007	0	0	1	1

16	560787	633896	1,877	0	0	0	0
17	561214	633948	1,491	0	0	0	1
				3	36	106	318

Case Reference PAX91.323780

Receptor	N	E	Turbine	N	E	Distance	670	860	1100	1500
NSL090	562401	634912	1	559035	636918	3,918	0	0	0	0
			2	558629	636821	4,228	0	0	0	0
			3	558471	636454	4,222	0	0	0	0
			4	559699	636266	3,022	0	0	0	0
			5	560048	636262	2,713	0	0	0	0
			6	559575	634719	2,833	0	0	0	0
			7	559635	634317	2,829	0	0	0	0
			8	559967	633921	2,628	0	0	0	0
			9	559988	633538	2,777	0	0	0	0
			10	560213	634189	2,304	0	0	0	0
			11	560355	633784	2,336	0	0	0	0
			12	560540	633452	2,365	0	0	0	0
			13	560792	634470	1,669	0	0	0	0
			14	561156	634401	1,346	0	0	0	1
			15	561442	634564	1,020	0	0	1	1
			16	560787	633896	1,907	0	0	0	0
			17	561214	633948	1,529	0	0	0	0
NSL451	562405	634938	1	559035	636918	3,909	0	0	0	0
			2	558629	636821	4,219	0	0	0	0
			3	558471	636454	4,216	0	0	0	0
			4	559699	636266	3,014	0	0	0	0
			5	560048	636262	2,703	0	0	0	0
			6	559575	634719	2,838	0	0	0	0
			7	559635	634317	2,839	0	0	0	0
			8	559967	633921	2,642	0	0	0	0
			9	559988	633538	2,793	0	0	0	0
			10	560213	634189	2,316	0	0	0	0
			11	560355	633784	2,352	0	0	0	0
			12	560540	633452	2,385	0	0	0	0
			13	560792	634470	1,680	0	0	0	0
			14	561156	634401	1,360	0	0	0	1
			15	561442	634564	1,033	0	0	1	1
			16	560787	633896	1,924	0	0	0	0
			17	561214	633948	1,549	0	0	0	0
NSL473	562003	635432	1	559035	636918	3,319	0	0	0	0

			2	558629	636821	3,649	0	0	0	0
			3	558471	636454	3,677	0	0	0	0
			4	559699	636266	2,450	0	0	0	0
			5	560048	636262	2,124	0	0	0	0
			6	559575	634719	2,531	0	0	0	0
			7	559635	634317	2,617	0	0	0	0
			8	559967	633921	2,535	0	0	0	0
			9	559988	633538	2,765	0	0	0	0
			10	560213	634189	2,179	0	0	0	0
			11	560355	633784	2,331	0	0	0	0
			12	560540	633452	2,462	0	0	0	0
			13	560792	634470	1,547	0	0	0	0
			14	561156	634401	1,334	0	0	0	1
			15	561442	634564	1,034	0	0	1	1
			16	560787	633896	1,959	0	0	0	0
			17	561214	633948	1,681	0	0	0	0
NSL059	562422	634970	1	559035	636918	3,907	0	0	0	0
			2	558629	636821	4,221	0	0	0	0
			3	558471	636454	4,221	0	0	0	0
			4	559699	636266	3,016	0	0	0	0
			5	560048	636262	2,703	0	0	0	0
			6	559575	634719	2,858	0	0	0	0
			7	559635	634317	2,862	0	0	0	0
			8	559967	633921	2,670	0	0	0	0
			9	559988	633538	2,824	0	0	0	0
			10	560213	634189	2,343	0	0	0	0
			11	560355	633784	2,383	0	0	0	0
			12	560540	633452	2,418	0	0	0	0
			13	560792	634470	1,705	0	0	0	0
			14	561156	634401	1,388	0	0	0	1
			15	561442	634564	1,061	0	0	1	1
			16	560787	633896	1,956	0	0	0	0

			17	561214	633948	1,582	0	0	0	0
NSL221	562466	634887	1	559035	636918	3,907	0	0	0	0
			2	558629	636821	4,221	0	0	0	0
			3	558471	636454	4,221	0	0	0	0
			4	559699	636266	3,016	0	0	0	0
			5	560048	636262	2,703	0	0	0	0
			6	559575	634719	2,858	0	0	0	0
			7	559635	634317	2,862	0	0	0	0
			8	559967	633921	2,670	0	0	0	0
			9	559988	633538	2,824	0	0	0	0
			10	560213	634189	2,343	0	0	0	0
			11	560355	633784	2,383	0	0	0	0
			12	560540	633452	2,418	0	0	0	0
			13	560792	634470	1,705	0	0	0	0
			14	561156	634401	1,388	0	0	0	1
			15	561442	634564	1,061	0	0	1	1
			16	560787	633896	1,956	0	0	0	0
			17	561214	633948	1,582	0	0	0	0
NSL497	562461	634916	1	559035	636918	3,968	0	0	0	0
			2	558629	636821	4,279	0	0	0	0
			3	558471	636454	4,276	0	0	0	0
			4	559699	636266	3,074	0	0	0	0
			5	560048	636262	2,763	0	0	0	0
			6	559575	634719	2,893	0	0	0	0
			7	559635	634317	2,889	0	0	0	0
			8	559967	633921	2,685	0	0	0	0
			9	559988	633538	2,831	0	0	0	0
			10	560213	634189	2,363	0	0	0	0
			11	560355	633784	2,391	0	0	0	0
			12	560540	633452	2,415	0	0	0	0
			13	560792	634470	1,728	0	0	0	0
			14	561156	634401	1,403	0	0	0	1

			15	561442	634564	1,078	0	0	1	1
			16	560787	633896	1,960	0	0	0	0
			17	561214	633948	1,579	0	0	0	0
NSL089	562431	635003	1	559035	636918	3,899	0	0	0	0
			2	558629	636821	4,214	0	0	0	0
			3	558471	636454	4,217	0	0	0	0
			4	559699	636266	3,010	0	0	0	0
			5	560048	636262	2,695	0	0	0	0
			6	559575	634719	2,870	0	0	0	0
			7	559635	634317	2,879	0	0	0	0
			8	559967	633921	2,691	0	0	0	0
			9	559988	633538	2,849	0	0	0	0
			10	560213	634189	2,363	0	0	0	0
			11	560355	633784	2,407	0	0	0	0
			12	560540	633452	2,446	0	0	0	0
			13	560792	634470	1,723	0	0	0	0
			14	561156	634401	1,410	0	0	0	1
			15	561442	634564	1,082	0	0	1	1
			16	560787	633896	1,982	0	0	0	0
			17	561214	633948	1,611	0	0	0	0
NSL028	562466	634954	1	559035	636918	3,953	0	0	0	0
			2	558629	636821	4,267	0	0	0	0
			3	558471	636454	4,267	0	0	0	0
			4	559699	636266	3,062	0	0	0	0
			5	560048	636262	2,749	0	0	0	0
			6	559575	634719	2,901	0	0	0	0
			7	559635	634317	2,902	0	0	0	0
			8	559967	633921	2,704	0	0	0	0
			9	559988	633538	2,854	0	0	0	0
			10	560213	634189	2,379	0	0	0	0
			11	560355	633784	2,414	0	0	0	0
			12	560540	633452	2,442	0	0	0	0

			13	560792	634470	1,743	0	0	0	0
			14	561156	634401	1,422	0	0	0	1
			15	561442	634564	1,096	0	0	1	1
			16	560787	633896	1,985	0	0	0	0
			17	561214	633948	1,606	0	0	0	0
NSL033	562440	635028	1	559035	636918	3,894	0	0	0	0
			2	558629	636821	4,212	0	0	0	0
			3	558471	636454	4,217	0	0	0	0
			4	559699	636266	3,008	0	0	0	0
			5	560048	636262	2,692	0	0	0	0
			6	559575	634719	2,882	0	0	0	0
			7	559635	634317	2,894	0	0	0	0
			8	559967	633921	2,709	0	0	0	0
			9	559988	633538	2,869	0	0	0	0
			10	560213	634189	2,380	0	0	0	0
			11	560355	633784	2,428	0	0	0	0
			12	560540	633452	2,469	0	0	0	0
			13	560792	634470	1,740	0	0	0	0
			14	561156	634401	1,429	0	0	0	1
			15	561442	634564	1,101	0	0	1	1
			16	560787	633896	2,003	0	0	0	0
			17	561214	633948	1,634	0	0	0	0
NSL073	562448	635058	1	559035	636918	3,887	0	0	0	0
			2	558629	636821	4,206	0	0	0	0
			3	558471	636454	4,215	0	0	0	0
			4	559699	636266	3,003	0	0	0	0
			5	560048	636262	2,685	0	0	0	0
			6	559575	634719	2,893	0	0	0	0
			7	559635	634317	2,909	0	0	0	0
			8	559967	633921	2,729	0	0	0	0
			9	559988	633538	2,892	0	0	0	0
			10	560213	634189	2,398	0	0	0	0

			11	560355	633784	2,450	0	0	0	0
			12	560540	633452	2,494	0	0	0	0
			13	560792	634470	1,757	0	0	0	0
			14	561156	634401	1,449	0	0	0	1
			15	561442	634564	1,121	0	0	0	1
			16	560787	633896	2,027	0	0	0	0
			17	561214	633948	1,660	0	0	0	0
NSL207	562489	634996	1	559035	636918	3,953	0	0	0	0
			2	558629	636821	4,270	0	0	0	0
			3	558471	636454	4,274	0	0	0	0
			4	559699	636266	3,065	0	0	0	0
			5	560048	636262	2,750	0	0	0	0
			6	559575	634719	2,927	0	0	0	0
			7	559635	634317	2,934	0	0	0	0
			8	559967	633921	2,742	0	0	0	0
			9	559988	633538	2,895	0	0	0	0
			10	560213	634189	2,415	0	0	0	0
			11	560355	633784	2,454	0	0	0	0
			12	560540	633452	2,486	0	0	0	0
			13	560792	634470	1,777	0	0	0	0
			14	561156	634401	1,460	0	0	0	1
			15	561442	634564	1,133	0	0	0	1
			16	560787	633896	2,027	0	0	0	0
			17	561214	633948	1,650	0	0	0	0
NSL325	562224	635434	1	559035	636918	3,517	0	0	0	0
			2	558629	636821	3,853	0	0	0	0
			3	558471	636454	3,889	0	0	0	0
			4	559699	636266	2,659	0	0	0	0
			5	560048	636262	2,328	0	0	0	0
			6	559575	634719	2,744	0	0	0	0
			7	559635	634317	2,820	0	0	0	0
			8	559967	633921	2,717	0	0	0	0

			9	559988	633538	2,932	0	0	0	0
			10	560213	634189	2,365	0	0	0	0
			11	560355	633784	2,493	0	0	0	0
			12	560540	633452	2,601	0	0	0	0
			13	560792	634470	1,726	0	0	0	0
			14	561156	634401	1,486	0	0	0	1
			15	561442	634564	1,170	0	0	0	1
			16	560787	633896	2,105	0	0	0	0
			17	561214	633948	1,797	0	0	0	0
NSL476	562473	635133	1	559035	636918	3,874	0	0	0	0
			2	558629	636821	4,198	0	0	0	0
			3	558471	636454	4,214	0	0	0	0
			4	559699	636266	2,996	0	0	0	0
			5	560048	636262	2,675	0	0	0	0
			6	559575	634719	2,927	0	0	0	0
			7	559635	634317	2,953	0	0	0	0
			8	559967	633921	2,784	0	0	0	0
			9	559988	633538	2,953	0	0	0	0
			10	560213	634189	2,449	0	0	0	0
			11	560355	633784	2,511	0	0	0	0
			12	560540	633452	2,562	0	0	0	0
			13	560792	634470	1,807	0	0	0	0
			14	561156	634401	1,507	0	0	0	0
			15	561442	634564	1,178	0	0	0	1
			16	560787	633896	2,091	0	0	0	0
			17	561214	633948	1,729	0	0	0	0
NSL408	562480	635160	1	559035	636918	3,868	0	0	0	0
			2	558629	636821	4,194	0	0	0	0
			3	558471	636454	4,213	0	0	0	0
			4	559699	636266	2,993	0	0	0	0
			5	560048	636262	2,670	0	0	0	0
			6	559575	634719	2,938	0	0	0	0

			7	559635	634317	2,967	0	0	0	0
			8	559967	633921	2,802	0	0	0	0
			9	559988	633538	2,973	0	0	0	0
			10	560213	634189	2,466	0	0	0	0
			11	560355	633784	2,532	0	0	0	0
			12	560540	633452	2,585	0	0	0	0
			13	560792	634470	1,824	0	0	0	0
			14	561156	634401	1,526	0	0	0	0
			15	561442	634564	1,197	0	0	0	1
			16	560787	633896	2,113	0	0	0	0
			17	561214	633948	1,753	0	0	0	0
NSL394	562488	635191	1	559035	636918	3,861	0	0	0	0
			2	558629	636821	4,189	0	0	0	0
			3	558471	636454	4,211	0	0	0	0
			4	559699	636266	2,989	0	0	0	0
			5	560048	636262	2,665	0	0	0	0
			6	559575	634719	2,951	0	0	0	0
			7	559635	634317	2,984	0	0	0	0
			8	559967	633921	2,823	0	0	0	0
			9	559988	633538	2,997	0	0	0	0
			10	560213	634189	2,486	0	0	0	0
			11	560355	633784	2,555	0	0	0	0
			12	560540	633452	2,611	0	0	0	0
			13	560792	634470	1,843	0	0	0	0
			14	561156	634401	1,549	0	0	0	0
			15	561442	634564	1,220	0	0	0	1
			16	560787	633896	2,138	0	0	0	0
			17	561214	633948	1,780	0	0	0	0
NSL409	562493	635220	1	559035	636918	3,852	0	0	0	0
			2	558629	636821	4,183	0	0	0	0
			3	558471	636454	4,207	0	0	0	0
			4	559699	636266	2,983	0	0	0	0

			5	560048	636262	2,658	0	0	0	0
			6	559575	634719	2,961	0	0	0	0
			7	559635	634317	2,997	0	0	0	0
			8	559967	633921	2,840	0	0	0	0
			9	559988	633538	3,017	0	0	0	0
			10	560213	634189	2,502	0	0	0	0
			11	560355	633784	2,575	0	0	0	0
			12	560540	633452	2,634	0	0	0	0
			13	560792	634470	1,859	0	0	0	0
			14	561156	634401	1,568	0	0	0	0
			15	561442	634564	1,239	0	0	0	1
			16	560787	633896	2,159	0	0	0	0
			17	561214	633948	1,804	0	0	0	0
NSL204	561642	635786	1	559035	636918	2,842	0	0	0	0
			2	558629	636821	3,186	0	0	0	0
			3	558471	636454	3,241	0	0	0	0
			4	559699	636266	2,001	0	0	0	0
			5	560048	636262	1,664	0	0	0	0
			6	559575	634719	2,326	0	0	0	0
			7	559635	634317	2,487	0	0	0	0
			8	559967	633921	2,507	0	0	0	0
			9	559988	633538	2,791	0	0	0	0
			10	560213	634189	2,143	0	0	0	0
			11	560355	633784	2,380	0	0	0	0
			12	560540	633452	2,581	0	0	0	0
			13	560792	634470	1,567	0	0	0	0
			14	561156	634401	1,468	0	0	0	1
			15	561442	634564	1,238	0	0	0	1
			16	560787	633896	2,074	0	0	0	0
			17	561214	633948	1,887	0	0	0	0
NSL072	562501	635254	1	559035	636918	3,845	0	0	0	0
			2	558629	636821	4,177	0	0	0	0

			3	558471	636454	4,205	0	0	0	0
			4	559699	636266	2,979	0	0	0	0
			5	560048	636262	2,652	0	0	0	0
			6	559575	634719	2,975	0	0	0	0
			7	559635	634317	3,015	0	0	0	0
			8	559967	633921	2,863	0	0	0	0
			9	559988	633538	3,043	0	0	0	0
			10	560213	634189	2,524	0	0	0	0
			11	560355	633784	2,601	0	0	0	0
			12	560540	633452	2,663	0	0	0	0
			13	560792	634470	1,880	0	0	0	0
			14	561156	634401	1,593	0	0	0	0
			15	561442	634564	1,264	0	0	0	1
			16	560787	633896	2,187	0	0	0	0
			17	561214	633948	1,834	0	0	0	0
NSL193	561264	635814	1	559035	636918	2,487	0	0	0	0
			2	558629	636821	2,821	0	0	0	0
			3	558471	636454	2,865	0	0	0	0
			4	559699	636266	1,629	0	0	0	0
			5	560048	636262	1,296	0	0	0	1
			6	559575	634719	2,013	0	0	0	0
			7	559635	634317	2,212	0	0	0	0
			8	559967	633921	2,295	0	0	0	0
			9	559988	633538	2,609	0	0	0	0
			10	560213	634189	1,935	0	0	0	0
			11	560355	633784	2,224	0	0	0	0
			12	560540	633452	2,470	0	0	0	0
			13	560792	634470	1,424	0	0	0	1
			14	561156	634401	1,417	0	0	0	1
			15	561442	634564	1,263	0	0	0	1
			16	560787	633896	1,976	0	0	0	0
			17	561214	633948	1,867	0	0	0	0

NSL071	562391	635411	1	559035	636918	3,679	0	0	0	0
			2	558629	636821	4,018	0	0	0	0
			3	558471	636454	4,056	0	0	0	0
			4	559699	636266	2,825	0	0	0	0
			5	560048	636262	2,493	0	0	0	0
			6	559575	634719	2,900	0	0	0	0
			7	559635	634317	2,965	0	0	0	0
			8	559967	633921	2,845	0	0	0	0
			9	559988	633538	3,047	0	0	0	0
			10	560213	634189	2,497	0	0	0	0
			11	560355	633784	2,606	0	0	0	0
			12	560540	633452	2,695	0	0	0	0
			13	560792	634470	1,855	0	0	0	0
			14	561156	634401	1,595	0	0	0	0
			15	561442	634564	1,272	0	0	0	1
			16	560787	633896	2,206	0	0	0	0
			17	561214	633948	1,878	0	0	0	0
NSL037	561341	635833	1	559035	636918	2,549	0	0	0	0
			2	558629	636821	2,886	0	0	0	0
			3	558471	636454	2,936	0	0	0	0
			4	559699	636266	1,698	0	0	0	0
			5	560048	636262	1,362	0	0	0	1
			6	559575	634719	2,088	0	0	0	0
			7	559635	634317	2,282	0	0	0	0
			8	559967	633921	2,354	0	0	0	0
			9	559988	633538	2,664	0	0	0	0
			10	560213	634189	1,994	0	0	0	0
			11	560355	633784	2,274	0	0	0	0
			12	560540	633452	2,512	0	0	0	0
			13	560792	634470	1,469	0	0	0	1
			14	561156	634401	1,444	0	0	0	1
			15	561442	634564	1,273	0	0	0	1

			16	560787	633896	2,015	0	0	0	0
			17	561214	633948	1,889	0	0	0	0
NSL029	561292	635829	1	559035	636918	2,506	0	0	0	0
			2	558629	636821	2,842	0	0	0	0
			3	558471	636454	2,889	0	0	0	0
			4	559699	636266	1,652	0	0	0	0
			5	560048	636262	1,317	0	0	0	1
			6	559575	634719	2,045	0	0	0	0
			7	559635	634317	2,243	0	0	0	0
			8	559967	633921	2,323	0	0	0	0
			9	559988	633538	2,636	0	0	0	0
			10	560213	634189	1,963	0	0	0	0
			11	560355	633784	2,249	0	0	0	0
			12	560540	633452	2,493	0	0	0	0
			13	560792	634470	1,448	0	0	0	1
			14	561156	634401	1,434	0	0	0	1
			15	561442	634564	1,274	0	0	0	1
			16	560787	633896	1,998	0	0	0	0
			17	561214	633948	1,883	0	0	0	0
NSL279	561373	635837	1	559035	636918	2,576	0	0	0	0
			2	558629	636821	2,915	0	0	0	0
			3	558471	636454	2,967	0	0	0	0
			4	559699	636266	1,728	0	0	0	0
			5	560048	636262	1,391	0	0	0	1
			6	559575	634719	2,117	0	0	0	0
			7	559635	634317	2,309	0	0	0	0
			8	559967	633921	2,377	0	0	0	0
			9	559988	633538	2,684	0	0	0	0
			10	560213	634189	2,015	0	0	0	0
			11	560355	633784	2,292	0	0	0	0
			12	560540	633452	2,526	0	0	0	0
			13	560792	634470	1,485	0	0	0	1

			14	561156	634401	1,452	0	0	0	1
			15	561442	634564	1,275	0	0	0	1
			16	560787	633896	2,028	0	0	0	0
			17	561214	633948	1,896	0	0	0	0
NSL245	562422	635399	1	559035	636918	3,712	0	0	0	0
			2	558629	636821	4,051	0	0	0	0
			3	558471	636454	4,089	0	0	0	0
			4	559699	636266	2,858	0	0	0	0
			5	560048	636262	2,526	0	0	0	0
			6	559575	634719	2,927	0	0	0	0
			7	559635	634317	2,990	0	0	0	0
			8	559967	633921	2,866	0	0	0	0
			9	559988	633538	3,064	0	0	0	0
			10	560213	634189	2,519	0	0	0	0
			11	560355	633784	2,623	0	0	0	0
			12	560540	633452	2,708	0	0	0	0
			13	560792	634470	1,876	0	0	0	0
			14	561156	634401	1,612	0	0	0	0
			15	561442	634564	1,287	0	0	0	1
			16	560787	633896	2,221	0	0	0	0
			17	561214	633948	1,888	0	0	0	0
NSL038	561501	635849	1	559035	636918	2,688	0	0	0	0
			2	558629	636821	3,032	0	0	0	0
			3	558471	636454	3,090	0	0	0	0
			4	559699	636266	1,850	0	0	0	0
			5	560048	636262	1,511	0	0	0	0
			6	559575	634719	2,233	0	0	0	0
			7	559635	634317	2,414	0	0	0	0
			8	559967	633921	2,464	0	0	0	0
			9	559988	633538	2,762	0	0	0	0
			10	560213	634189	2,101	0	0	0	0
			11	560355	633784	2,362	0	0	0	0

			12	560540	633452	2,582	0	0	0	0
			13	560792	634470	1,551	0	0	0	0
			14	561156	634401	1,489	0	0	0	1
			15	561442	634564	1,286	0	0	0	1
			16	560787	633896	2,079	0	0	0	0
			17	561214	633948	1,923	0	0	0	0
NSL415	561428	635861	1	559035	636918	2,616	0	0	0	0
			2	558629	636821	2,959	0	0	0	0
			3	558471	636454	3,016	0	0	0	0
			4	559699	636266	1,776	0	0	0	0
			5	560048	636262	1,437	0	0	0	1
			6	559575	634719	2,177	0	0	0	0
			7	559635	634317	2,366	0	0	0	0
			8	559967	633921	2,429	0	0	0	0
			9	559988	633538	2,733	0	0	0	0
			10	560213	634189	2,067	0	0	0	0
			11	560355	633784	2,338	0	0	0	0
			12	560540	633452	2,567	0	0	0	0
			13	560792	634470	1,530	0	0	0	0
			14	561156	634401	1,485	0	0	0	1
			15	561442	634564	1,297	0	0	0	1
			16	560787	633896	2,067	0	0	0	0
			17	561214	633948	1,925	0	0	0	0
NSL014	561796	635814	1	559035	636918	2,974	0	0	0	0
			2	558629	636821	3,323	0	0	0	0
			3	558471	636454	3,386	0	0	0	0
			4	559699	636266	2,145	0	0	0	0
			5	560048	636262	1,804	0	0	0	0
			6	559575	634719	2,476	0	0	0	0
			7	559635	634317	2,629	0	0	0	0
			8	559967	633921	2,632	0	0	0	0
			9	559988	633538	2,907	0	0	0	0

			10	560213	634189	2,269	0	0	0	0
			11	560355	633784	2,489	0	0	0	0
			12	560540	633452	2,675	0	0	0	0
			13	560792	634470	1,678	0	0	0	0
			14	561156	634401	1,551	0	0	0	0
			15	561442	634564	1,299	0	0	0	1
			16	560787	633896	2,167	0	0	0	0
			17	561214	633948	1,955	0	0	0	0
NSL015	561873	635802	1	559035	636918	3,050	0	0	0	0
			2	558629	636821	3,400	0	0	0	0
			3	558471	636454	3,464	0	0	0	0
			4	559699	636266	2,223	0	0	0	0
			5	560048	636262	1,882	0	0	0	0
			6	559575	634719	2,540	0	0	0	0
			7	559635	634317	2,686	0	0	0	0
			8	559967	633921	2,678	0	0	0	0
			9	559988	633538	2,946	0	0	0	0
			10	560213	634189	2,315	0	0	0	0
			11	560355	633784	2,525	0	0	0	0
			12	560540	633452	2,702	0	0	0	0
			13	560792	634470	1,715	0	0	0	0
			14	561156	634401	1,574	0	0	0	0
			15	561442	634564	1,311	0	0	0	1
			16	560787	633896	2,194	0	0	0	0
			17	561214	633948	1,968	0	0	0	0
NSL030	561832	635817	1	559035	636918	4,695	0	0	0	0
			2	558629	636821	3,357	0	0	0	0
			3	558471	636454	3,421	0	0	0	0
			4	559699	636266	2,180	0	0	0	0
			5	560048	66262	#######	0	0	0	0
			6	559575	634719	2,510	0	0	0	0
			7	559635	634317	2,660	0	0	0	0

			8	559967	633921	2,660	0	0	0	0
			9	559988	633538	2,932	0	0	0	0
			10	560213	634189	2,296	0	0	0	0
			11	560355	633784	2,513	0	0	0	0
			12	560540	633452	2,695	0	0	0	0
			13	560792	634470	1,702	0	0	0	0
			14	561156	634401	1,569	0	0	0	0
			15	561442	634564	1,312	0	0	0	1
			16	560787	633896	2,187	0	0	0	0
			17	561214	633948	1,969	0	0	0	0
NSL013	561686	635864	1	559035	636918	2,853	0	0	0	0
			2	558629	636821	3,203	0	0	0	0
			3	558471	636454	3,269	0	0	0	0
			4	559699	636266	2,027	0	0	0	0
			5	560048	636262	1,686	0	0	0	0
			6	559575	634719	2,402	0	0	0	0
			7	559635	634317	2,569	0	0	0	0
			8	559967	633921	2,594	0	0	0	0
			9	559988	633538	2,880	0	0	0	0
			10	560213	634189	2,231	0	0	0	0
			11	560355	633784	2,469	0	0	0	0
			12	560540	633452	2,670	0	0	0	0
			13	560792	634470	1,656	0	0	0	0
			14	561156	634401	1,556	0	0	0	0
			15	561442	634564	1,323	0	0	0	1
			16	560787	633896	2,164	0	0	0	0
			17	561214	633948	1,973	0	0	0	0
NSL039	561932	635815	1	559035	636918	3,100	0	0	0	0
			2	558629	636821	3,453	0	0	0	0
			3	558471	636454	3,519	0	0	0	0
			4	559699	636266	2,278	0	0	0	0
			5	560048	636262	1,936	0	0	0	0

			6	559575	634719	2,599	0	0	0	0
			7	559635	634317	2,742	0	0	0	0
			8	559967	633921	2,729	0	0	0	0
			9	559988	633538	2,994	0	0	0	0
			10	560213	634189	2,366	0	0	0	0
			11	560355	633784	2,571	0	0	0	0
			12	560540	633452	2,743	0	0	0	0
			13	560792	634470	1,763	0	0	0	0
			14	561156	634401	1,613	0	0	0	0
			15	561442	634564	1,344	0	0	0	1
			16	560787	633896	2,235	0	0	0	0
			17	561214	633948	2,000	0	0	0	0
NSL411	561693	635898	1	559035	636918	2,847	0	0	0	0
			2	558629	636821	3,200	0	0	0	0
			3	558471	636454	3,270	0	0	0	0
			4	559699	636266	2,028	0	0	0	0
			5	560048	636262	1,685	0	0	0	0
			6	559575	634719	2,424	0	0	0	0
			7	559635	634317	2,595	0	0	0	0
			8	559967	633921	2,624	0	0	0	0
			9	559988	633538	2,911	0	0	0	0
			10	560213	634189	2,261	0	0	0	0
			11	560355	633784	2,502	0	0	0	0
			12	560540	633452	2,704	0	0	0	0
			13	560792	634470	1,688	0	0	0	0
			14	561156	634401	1,590	0	0	0	0
			15	561442	634564	1,357	0	0	0	1
			16	560787	633896	2,197	0	0	0	0
			17	561214	633948	2,008	0	0	0	0
NSL500	561959	635820	1	559035	636918	3,123	0	0	0	0
			2	558629	636821	3,477	0	0	0	0
			3	558471	636454	3,545	0	0	0	0

			4	559699	636266	2,304	0	0	0	0
			5	560048	636262	1,961	0	0	0	0
			6	559575	634719	2,626	0	0	0	0
			7	559635	634317	2,768	0	0	0	0
			8	559967	633921	2,752	0	0	0	0
			9	559988	633538	3,015	0	0	0	0
			10	560213	634189	2,389	0	0	0	0
			11	560355	633784	2,592	0	0	0	0
			12	560540	633452	2,761	0	0	0	0
			13	560792	634470	1,784	0	0	0	0
			14	561156	634401	1,630	0	0	0	0
			15	561442	634564	1,358	0	0	0	1
			16	560787	633896	2,253	0	0	0	0
			17	561214	633948	2,015	0	0	0	0
NSL070	562535	635417	1	559035	636918	3,808	0	0	0	0
			2	558629	636821	4,151	0	0	0	0
			3	558471	636454	4,194	0	0	0	0
			4	559699	636266	2,960	0	0	0	0
			5	560048	636262	2,627	0	0	0	0
			6	559575	634719	3,041	0	0	0	0
			7	559635	634317	3,102	0	0	0	0
			8	559967	633921	2,972	0	0	0	0
			9	559988	633538	3,165	0	0	0	0
			10	560213	634189	2,627	0	0	0	0
			11	560355	633784	2,724	0	0	0	0
			12	560540	633452	2,800	0	0	0	0
			13	560792	634470	1,984	0	0	0	0
			14	561156	634401	1,713	0	0	0	0
			15	561442	634564	1,386	0	0	0	1
			16	560787	633896	2,317	0	0	0	0
			17	561214	633948	1,976	0	0	0	0
NSL457	561881	635885	1	559035	636918	3,028	0	0	0	0

			2	558629	636821	3,384	0	0	0	0
			3	558471	636454	3,457	0	0	0	0
			4	559699	636266	2,215	0	0	0	0
			5	560048	636262	1,871	0	0	0	0
			6	559575	634719	2,584	0	0	0	0
			7	559635	634317	2,739	0	0	0	0
			8	559967	633921	2,742	0	0	0	0
			9	559988	633538	3,015	0	0	0	0
			10	560213	634189	2,379	0	0	0	0
			11	560355	633784	2,597	0	0	0	0
			12	560540	633452	2,778	0	0	0	0
			13	560792	634470	1,786	0	0	0	0
			14	561156	634401	1,652	0	0	0	0
			15	561442	634564	1,392	0	0	0	1
			16	560787	633896	2,270	0	0	0	0
			17	561214	633948	2,049	0	0	0	0
NSL467	562625	635309	1	559035	636918	3,934	0	0	0	0
			2	558629	636821	4,272	0	0	0	0
			3	558471	636454	4,309	0	0	0	0
			4	559699	636266	3,079	0	0	0	0
			5	560048	636262	2,748	0	0	0	0
			6	559575	634719	3,107	0	0	0	0
			7	559635	634317	3,150	0	0	0	0
			8	559967	633921	2,999	0	0	0	0
			9	559988	633538	3,177	0	0	0	0
			10	560213	634189	2,659	0	0	0	0
			11	560355	633784	2,735	0	0	0	0
			12	560540	633452	2,792	0	0	0	0
			13	560792	634470	2,016	0	0	0	0
			14	561156	634401	1,727	0	0	0	0
			15	561442	634564	1,398	0	0	0	1
			16	560787	633896	2,318	0	0	0	0

			17	561214	633948	1,960	0	0	0	0
NSL001	562006	635847	1	559035	636918	3,158	0	0	0	0
			2	558629	636821	3,515	0	0	0	0
			3	558471	636454	3,587	0	0	0	0
			4	559699	636266	2,345	0	0	0	0
			5	560048	636262	2,001	0	0	0	0
			6	559575	634719	2,680	0	0	0	0
			7	559635	634317	2,822	0	0	0	0
			8	559967	633921	2,805	0	0	0	0
			9	559988	633538	3,067	0	0	0	0
			10	560213	634189	2,442	0	0	0	0
			11	560355	633784	2,642	0	0	0	0
			12	560540	633452	2,808	0	0	0	0
			13	560792	634470	1,836	0	0	0	0
			14	561156	634401	1,677	0	0	0	0
			15	561442	634564	1,401	0	0	0	1
			16	560787	633896	2,301	0	0	0	0
			17	561214	633948	2,058	0	0	0	0
NSL041	562032	635838	1	559035	636918	3,186	0	0	0	0
			2	558629	636821	3,542	0	0	0	0
			3	558471	636454	3,614	0	0	0	0
			4	559699	636266	2,372	0	0	0	0
			5	560048	636262	2,029	0	0	0	0
			6	559575	634719	2,700	0	0	0	0
			7	559635	634317	2,839	0	0	0	0
			8	559967	633921	2,818	0	0	0	0
			9	559988	633538	3,077	0	0	0	0
			10	560213	634189	2,455	0	0	0	0
			11	560355	633784	2,652	0	0	0	0
			12	560540	633452	2,814	0	0	0	0
			13	560792	634470	1,846	0	0	0	0
			14	561156	634401	1,683	0	0	0	0

			15	561442	634564	1,404	0	0	0	1
			16	560787	633896	2,307	0	0	0	0
			17	561214	633948	2,059	0	0	0	0
NSL289	562434	635586	1	559035	636918	3,651	0	0	0	0
			2	558629	636821	4,000	0	0	0	0
			3	558471	636454	4,057	0	0	0	0
			4	559699	636266	2,818	0	0	0	0
			5	560048	636262	2,480	0	0	0	0
			6	559575	634719	2,988	0	0	0	0
			7	559635	634317	3,073	0	0	0	0
			8	559967	633921	2,976	0	0	0	0
			9	559988	633538	3,190	0	0	0	0
			10	560213	634189	2,624	0	0	0	0
			11	560355	633784	2,751	0	0	0	0
			12	560540	633452	2,853	0	0	0	0
			13	560792	634470	1,985	0	0	0	0
			14	561156	634401	1,743	0	0	0	0
			15	561442	634564	1,424	0	0	0	1
			16	560787	633896	2,360	0	0	0	0
			17	561214	633948	2,042	0	0	0	0
NSL288	562446	635577	1	559035	636918	3,665	0	0	0	0
			2	558629	636821	4,015	0	0	0	0
			3	558471	636454	4,071	0	0	0	0
			4	559699	636266	2,832	0	0	0	0
			5	560048	636262	2,494	0	0	0	0
			6	559575	634719	2,996	0	0	0	0
			7	559635	634317	3,080	0	0	0	0
			8	559967	633921	2,981	0	0	0	0
			9	559988	633538	3,194	0	0	0	0
			10	560213	634189	2,629	0	0	0	0
			11	560355	633784	2,754	0	0	0	0
			12	560540	633452	2,855	0	0	0	0

			13	560792	634470	1,990	0	0	0	0
			14	561156	634401	1,746	0	0	0	0
			15	561442	634564	1,426	0	0	0	1
			16	560787	633896	2,362	0	0	0	0
			17	561214	633948	2,042	0	0	0	0
NSL290	562429	635599	1	559035	636918	3,641	0	0	0	0
			2	558629	636821	3,992	0	0	0	0
			3	558471	636454	4,049	0	0	0	0
			4	559699	636266	2,810	0	0	0	0
			5	560048	636262	2,472	0	0	0	0
			6	559575	634719	2,987	0	0	0	0
			7	559635	634317	3,074	0	0	0	0
			8	559967	633921	2,979	0	0	0	0
			9	559988	633538	3,195	0	0	0	0
			10	560213	634189	2,627	0	0	0	0
			11	560355	633784	2,756	0	0	0	0
			12	560540	633452	2,860	0	0	0	0
			13	560792	634470	1,989	0	0	0	0
			14	561156	634401	1,748	0	0	0	0
			15	561442	634564	1,430	0	0	0	1
			16	560787	633896	2,366	0	0	0	0
			17	561214	633948	2,050	0	0	0	0
NSL512	562460	635575	1	559035	636918	3,679	0	0	0	0
			2	558629	636821	4,029	0	0	0	0
			3	558471	636454	4,085	0	0	0	0
			4	559699	636266	2,846	0	0	0	0
			5	560048	636262	2,508	0	0	0	0
			6	559575	634719	3,009	0	0	0	0
			7	559635	634317	3,092	0	0	0	0
			8	559967	633921	2,992	0	0	0	0
			9	559988	633538	3,203	0	0	0	0
			10	560213	634189	2,640	0	0	0	0

			11	560355	633784	2,764	0	0	0	0
			12	560540	633452	2,862	0	0	0	0
			13	560792	634470	2,001	0	0	0	0
			14	561156	634401	1,755	0	0	0	0
			15	561442	634564	1,435	0	0	0	1
			16	560787	633896	2,370	0	0	0	0
			17	561214	633948	2,049	0	0	0	0
NSL040	562068	635854	1	559035	636918	3,214	0	0	0	0
			2	558629	636821	3,572	0	0	0	0
			3	558471	636454	3,647	0	0	0	0
			4	559699	636266	2,405	0	0	0	0
			5	560048	636262	2,061	0	0	0	0
			6	559575	634719	2,739	0	0	0	0
			7	559635	634317	2,878	0	0	0	0
			8	559967	633921	2,855	0	0	0	0
			9	559988	633538	3,113	0	0	0	0
			10	560213	634189	2,493	0	0	0	0
			11	560355	633784	2,687	0	0	0	0
			12	560540	633452	2,847	0	0	0	0
			13	560792	634470	1,882	0	0	0	0
			14	561156	634401	1,716	0	0	0	0
			15	561442	634564	1,434	0	0	0	1
			16	560787	633896	2,340	0	0	0	0
			17	561214	633948	2,089	0	0	0	0
NSL291	562429	635608	1	559035	636918	3,638	0	0	0	0
			2	558629	636821	3,989	0	0	0	0
			3	558471	636454	4,047	0	0	0	0
			4	559699	636266	2,808	0	0	0	0
			5	560048	636262	2,469	0	0	0	0
			6	559575	634719	2,989	0	0	0	0
			7	559635	634317	3,078	0	0	0	0
			8	559967	633921	2,985	0	0	0	0

			9	559988	633538	3,201	0	0	0	0
			10	560213	634189	2,631	0	0	0	0
			11	560355	633784	2,762	0	0	0	0
			12	560540	633452	2,866	0	0	0	0
			13	560792	634470	1,994	0	0	0	0
			14	561156	634401	1,754	0	0	0	0
			15	561442	634564	1,437	0	0	0	1
			16	560787	633896	2,372	0	0	0	0
			17	561214	633948	2,057	0	0	0	0
NSL366	562467	635575	1	559035	636918	3,685	0	0	0	0
			2	558629	636821	4,035	0	0	0	0
			3	558471	636454	4,092	0	0	0	0
			4	559699	636266	2,853	0	0	0	0
			5	560048	636262	2,515	0	0	0	0
			6	559575	634719	3,016	0	0	0	0
			7	559635	634317	3,099	0	0	0	0
			8	559967	633921	2,998	0	0	0	0
			9	559988	633538	3,209	0	0	0	0
			10	560213	634189	2,646	0	0	0	0
			11	560355	633784	2,769	0	0	0	0
			12	560540	633452	2,867	0	0	0	0
			13	560792	634470	2,007	0	0	0	0
			14	561156	634401	1,760	0	0	0	0
			15	561442	634564	1,440	0	0	0	1
			16	560787	633896	2,375	0	0	0	0
			17	561214	633948	2,054	0	0	0	0
NSL292	562428	635614	1	559035	636918	3,635	0	0	0	0
			2	558629	636821	3,986	0	0	0	0
			3	558471	636454	4,045	0	0	0	0
			4	559699	636266	2,806	0	0	0	0
			5	560048	636262	2,467	0	0	0	0
			6	559575	634719	2,990	0	0	0	0

			7	559635	634317	3,079	0	0	0	0
			8	559967	633921	2,987	0	0	0	0
			9	559988	633538	3,204	0	0	0	0
			10	560213	634189	2,634	0	0	0	0
			11	560355	633784	2,765	0	0	0	0
			12	560540	633452	2,870	0	0	0	0
			13	560792	634470	1,996	0	0	0	0
			14	561156	634401	1,758	0	0	0	0
			15	561442	634564	1,440	0	0	0	1
			16	560787	633896	2,376	0	0	0	0
			17	561214	633948	2,061	0	0	0	0
NSL293	562427	635622	1	559035	636918	3,631	0	0	0	0
			2	558629	636821	3,983	0	0	0	0
			3	558471	636454	4,043	0	0	0	0
			4	559699	636266	2,803	0	0	0	0
			5	560048	636262	2,464	0	0	0	0
			6	559575	634719	2,992	0	0	0	0
			7	559635	634317	3,082	0	0	0	0
			8	559967	633921	2,991	0	0	0	0
			9	559988	633538	3,208	0	0	0	0
			10	560213	634189	2,637	0	0	0	0
			11	560355	633784	2,770	0	0	0	0
			12	560540	633452	2,876	0	0	0	0
			13	560792	634470	2,000	0	0	0	0
			14	561156	634401	1,762	0	0	0	0
			15	561442	634564	1,446	0	0	0	1
			16	560787	633896	2,381	0	0	0	0
			17	561214	633948	2,067	0	0	0	0
NSL511	562476	635578	1	559035	636918	3,693	0	0	0	0
			2	558629	636821	4,043	0	0	0	0
			3	558471	636454	4,100	0	0	0	0
			4	559699	636266	2,861	0	0	0	0

			5	560048	636262	2,523	0	0	0	0
			6	559575	634719	3,026	0	0	0	0
			7	559635	634317	3,108	0	0	0	0
			8	559967	633921	3,007	0	0	0	0
			9	559988	633538	3,217	0	0	0	0
			10	560213	634189	2,655	0	0	0	0
			11	560355	633784	2,778	0	0	0	0
			12	560540	633452	2,875	0	0	0	0
			13	560792	634470	2,016	0	0	0	0
			14	561156	634401	1,769	0	0	0	0
			15	561442	634564	1,448	0	0	0	1
			16	560787	633896	2,384	0	0	0	0
			17	561214	633948	2,061	0	0	0	0
NSL294	562427	635628	1	559035	636918	3,629	0	0	0	0
			2	558629	636821	3,981	0	0	0	0
			3	558471	636454	4,041	0	0	0	0
			4	559699	636266	2,802	0	0	0	0
			5	560048	636262	2,462	0	0	0	0
			6	559575	634719	2,993	0	0	0	0
			7	559635	634317	3,084	0	0	0	0
			8	559967	633921	2,994	0	0	0	0
			9	559988	633538	3,212	0	0	0	0
			10	560213	634189	2,641	0	0	0	0
			11	560355	633784	2,774	0	0	0	0
			12	560540	633452	2,880	0	0	0	0
			13	560792	634470	2,004	0	0	0	0
			14	561156	634401	1,767	0	0	0	0
			15	561442	634564	1,450	0	0	0	1
			16	560787	633896	2,385	0	0	0	0
			17	561214	633948	2,072	0	0	0	0
NSL510	562483	635579	1	559035	636918	3,699	0	0	0	0
			2	558629	636821	4,049	0	0	0	0

			3	558471	636454	4,106	0	0	0	0
			4	559699	636266	2,868	0	0	0	0
			5	560048	636262	2,529	0	0	0	0
			6	559575	634719	3,033	0	0	0	0
			7	559635	634317	3,115	0	0	0	0
			8	559967	633921	3,013	0	0	0	0
			9	559988	633538	3,223	0	0	0	0
			10	560213	634189	2,662	0	0	0	0
			11	560355	633784	2,784	0	0	0	0
			12	560540	633452	2,881	0	0	0	0
			13	560792	634470	2,022	0	0	0	0
			14	561156	634401	1,774	0	0	0	0
			15	561442	634564	1,454	0	0	0	1
			16	560787	633896	2,389	0	0	0	0
			17	561214	633948	2,067	0	0	0	0
NSL295	562426	635636	1	559035	636918	3,625	0	0	0	0
			2	558629	636821	3,978	0	0	0	0
			3	558471	636454	4,039	0	0	0	0
			4	559699	636266	2,799	0	0	0	0
			5	560048	636262	2,459	0	0	0	0
			6	559575	634719	2,995	0	0	0	0
			7	559635	634317	3,087	0	0	0	0
			8	559967	633921	2,998	0	0	0	0
			9	559988	633538	3,216	0	0	0	0
			10	560213	634189	2,644	0	0	0	0
			11	560355	633784	2,778	0	0	0	0
			12	560540	633452	2,886	0	0	0	0
			13	560792	634470	2,007	0	0	0	0
			14	561156	634401	1,771	0	0	0	0
			15	561442	634564	1,455	0	0	0	1
			16	560787	633896	2,390	0	0	0	0
			17	561214	633948	2,078	0	0	0	0

NSL296	562425	635643	1	559035	636918	3,622	0	0	0	0
			2	558629	636821	3,975	0	0	0	0
			3	558471	636454	4,036	0	0	0	0
			4	559699	636266	2,796	0	0	0	0
			5	560048	636262	2,456	0	0	0	0
			6	559575	634719	2,996	0	0	0	0
			7	559635	634317	3,089	0	0	0	0
			8	559967	633921	3,001	0	0	0	0
			9	559988	633538	3,220	0	0	0	0
			10	560213	634189	2,647	0	0	0	0
			11	560355	633784	2,782	0	0	0	0
			12	560540	633452	2,890	0	0	0	0
			13	560792	634470	2,011	0	0	0	0
			14	561156	634401	1,776	0	0	0	0
			15	561442	634564	1,460	0	0	0	1
			16	560787	633896	2,395	0	0	0	0
			17	561214	633948	2,083	0	0	0	0
NSL509	562492	635580	1	559035	636918	5,444	0	0	0	0
			2	558629	636821	5,510	0	0	0	0
			3	558471	636454	5,251	0	0	0	0
			4	559699	636266	4,618	0	0	0	0
			5	560048	636262	4,533	0	0	0	0
			6	559575	634719	3,205	0	0	0	0
			7	559635	634317	2,818	0	0	0	0
			8	559967	633921	2,316	0	0	0	0
			9	559988	633538	1,965	0	0	0	0
			10	560213	634189	2,480	0	0	0	0
			11	560355	633784	2,051	0	0	0	0
			12	560540	633452	1,683	0	0	0	0
			13	560792	634470	2,658	0	0	0	0
			14	561156	634401	2,595	0	0	0	0
			15	561442	634564	2,795	0	0	0	0

			16	560787	633896	2,085	0	0	0	0
			17	561214	633948	2,150	0	0	0	0
NSL297	562425	635652	1	559035	636918	3,619	0	0	0	0
			2	558629	636821	3,972	0	0	0	0
			3	558471	636454	4,035	0	0	0	0
			4	559699	636266	2,794	0	0	0	0
			5	560048	636262	2,454	0	0	0	0
			6	559575	634719	2,999	0	0	0	0
			7	559635	634317	3,093	0	0	0	0
			8	559967	633921	3,006	0	0	0	0
			9	559988	633538	3,226	0	0	0	0
			10	560213	634189	2,652	0	0	0	0
			11	560355	633784	2,788	0	0	0	0
			12	560540	633452	2,897	0	0	0	0
			13	560792	634470	2,016	0	0	0	0
			14	561156	634401	1,782	0	0	0	0
			15	561442	634564	1,466	0	0	0	1
			16	560787	633896	2,401	0	0	0	0
			17	561214	633948	2,090	0	0	0	0
NSL508	562499	635581	1	559035	636918	3,713	0	0	0	0
			2	558629	636821	4,064	0	0	0	0
			3	558471	636454	4,122	0	0	0	0
			4	559699	636266	2,883	0	0	0	0
			5	560048	636262	2,544	0	0	0	0
			6	559575	634719	3,048	0	0	0	0
			7	559635	634317	3,131	0	0	0	0
			8	559967	633921	3,028	0	0	0	0
			9	559988	633538	3,237	0	0	0	0
			10	560213	634189	2,676	0	0	0	0
			11	560355	633784	2,797	0	0	0	0
			12	560540	633452	2,893	0	0	0	0
			13	560792	634470	2,037	0	0	0	0

			14	561156	634401	1,788	0	0	0	0
			15	561442	634564	1,467	0	0	0	1
			16	560787	633896	2,402	0	0	0	0
			17	561214	633948	2,078	0	0	0	0
NSL298	562424	635658	1	559035	636918	3,616	0	0	0	0
			2	558629	636821	3,969	0	0	0	0
			3	558471	636454	4,032	0	0	0	0
			4	559699	636266	2,792	0	0	0	0
			5	560048	636262	2,452	0	0	0	0
			6	559575	634719	3,000	0	0	0	0
			7	559635	634317	3,095	0	0	0	0
			8	559967	633921	3,009	0	0	0	0
			9	559988	633538	3,229	0	0	0	0
			10	560213	634189	2,655	0	0	0	0
			11	560355	633784	2,792	0	0	0	0
			12	560540	633452	2,901	0	0	0	0
			13	560792	634470	2,019	0	0	0	0
			14	561156	634401	1,785	0	0	0	0
			15	561442	634564	1,470	0	0	0	1
			16	560787	633896	2,405	0	0	0	0
			17	561214	633948	2,095	0	0	0	0
NSL365	562509	635583	1	559035	636918	3,722	0	0	0	0
			2	558629	636821	4,073	0	0	0	0
			3	558471	636454	4,131	0	0	0	0
			4	559699	636266	2,892	0	0	0	0
			5	560048	636262	2,553	0	0	0	0
			6	559575	634719	3,059	0	0	0	0
			7	559635	634317	3,140	0	0	0	0
			8	559967	633921	3,037	0	0	0	0
			9	559988	633538	3,246	0	0	0	0
			10	560213	634189	2,686	0	0	0	0
			11	560355	633784	2,806	0	0	0	0

			12	560540	633452	2,901	0	0	0	0
			13	560792	634470	2,046	0	0	0	0
			14	561156	634401	1,797	0	0	0	0
			15	561442	634564	1,475	0	0	0	1
			16	560787	633896	2,411	0	0	0	0
			17	561214	633948	2,086	0	0	0	0
NSL429	562424	635665	1	559035	636918	3,613	0	0	0	0
			2	558629	636821	3,967	0	0	0	0
			3	558471	636454	4,031	0	0	0	0
			4	559699	636266	2,790	0	0	0	0
			5	560048	636262	2,450	0	0	0	0
			6	559575	634719	3,002	0	0	0	0
			7	559635	634317	3,098	0	0	0	0
			8	559967	633921	3,013	0	0	0	0
			9	559988	633538	3,234	0	0	0	0
			10	560213	634189	2,658	0	0	0	0
			11	560355	633784	2,796	0	0	0	0
			12	560540	633452	2,906	0	0	0	0
			13	560792	634470	2,023	0	0	0	0
			14	561156	634401	1,790	0	0	0	0
			15	561442	634564	1,475	0	0	0	1
			16	560787	633896	2,410	0	0	0	0
			17	561214	633948	2,101	0	0	0	0
NSL237	562592	635492	1	559035	636918	3,832	0	0	0	0
			2	558629	636821	4,180	0	0	0	0
			3	558471	636454	4,232	0	0	0	0
			4	559699	636266	2,995	0	0	0	0
			5	560048	636262	2,658	0	0	0	0
			6	559575	634719	3,114	0	0	0	0
			7	559635	634317	3,182	0	0	0	0
			8	559967	633921	3,059	0	0	0	0
			9	559988	633538	3,256	0	0	0	0

			10	560213	634189	2,712	0	0	0	0
			11	560355	633784	2,815	0	0	0	0
			12	560540	633452	2,893	0	0	0	0
			13	560792	634470	2,070	0	0	0	0
			14	561156	634401	1,803	0	0	0	0
			15	561442	634564	1,478	0	0	0	1
			16	560787	633896	2,409	0	0	0	0
			17	561214	633948	2,069	0	0	0	0
NSL299	562423	635672	1	559035	636918	3,610	0	0	0	0
			2	558629	636821	3,964	0	0	0	0
			3	558471	636454	4,029	0	0	0	0
			4	559699	636266	2,788	0	0	0	0
			5	560048	636262	2,447	0	0	0	0
			6	559575	634719	3,003	0	0	0	0
			7	559635	634317	3,100	0	0	0	0
			8	559967	633921	3,016	0	0	0	0
			9	559988	633538	3,238	0	0	0	0
			10	560213	634189	2,661	0	0	0	0
			11	560355	633784	2,800	0	0	0	0
			12	560540	633452	2,911	0	0	0	0
			13	560792	634470	2,026	0	0	0	0
			14	561156	634401	1,795	0	0	0	0
			15	561442	634564	1,480	0	0	0	1
			16	560787	633896	2,415	0	0	0	0
			17	561214	633948	2,106	0	0	0	0
NSL507	562515	635584	1	559035	636918	3,727	0	0	0	0
			2	558629	636821	4,078	0	0	0	0
			3	558471	636454	4,137	0	0	0	0
			4	559699	636266	2,897	0	0	0	0
			5	560048	636262	2,558	0	0	0	0
			6	559575	634719	3,065	0	0	0	0
			7	559635	634317	3,146	0	0	0	0

			8	559967	633921	3,043	0	0	0	0
			9	559988	633538	3,251	0	0	0	0
			10	560213	634189	2,692	0	0	0	0
			11	560355	633784	2,812	0	0	0	0
			12	560540	633452	2,906	0	0	0	0
			13	560792	634470	2,052	0	0	0	0
			14	561156	634401	1,802	0	0	0	0
			15	561442	634564	1,480	0	0	0	1
			16	560787	633896	2,416	0	0	0	0
			17	561214	633948	2,090	0	0	0	0
NSL277	562486	635620	1	559035	636918	3,687	0	0	0	0
			2	558629	636821	4,040	0	0	0	0
			3	558471	636454	4,101	0	0	0	0
			4	559699	636266	2,861	0	0	0	0
			5	560048	636262	2,521	0	0	0	0
			6	559575	634719	3,047	0	0	0	0
			7	559635	634317	3,135	0	0	0	0
			8	559967	633921	3,038	0	0	0	0
			9	559988	633538	3,252	0	0	0	0
			10	560213	634189	2,686	0	0	0	0
			11	560355	633784	2,813	0	0	0	0
			12	560540	633452	2,913	0	0	0	0
			13	560792	634470	2,047	0	0	0	0
			14	561156	634401	1,804	0	0	0	0
			15	561442	634564	1,485	0	0	0	1
			16	560787	633896	2,420	0	0	0	0
			17	561214	633948	2,101	0	0	0	0
NSL300	562422	635680	1	559035	636918	3,606	0	0	0	0
			2	558629	636821	3,961	0	0	0	0
			3	558471	636454	4,026	0	0	0	0
			4	559699	636266	2,785	0	0	0	0
			5	560048	636262	2,444	0	0	0	0

			6	559575	634719	3,005	0	0	0	0
			7	559635	634317	3,102	0	0	0	0
			8	559967	633921	3,020	0	0	0	0
			9	559988	633538	3,242	0	0	0	0
			10	560213	634189	2,665	0	0	0	0
			11	560355	633784	2,805	0	0	0	0
			12	560540	633452	2,916	0	0	0	0
			13	560792	634470	2,030	0	0	0	0
			14	561156	634401	1,800	0	0	0	0
			15	561442	634564	1,485	0	0	0	1
			16	560787	633896	2,420	0	0	0	0
			17	561214	633948	2,112	0	0	0	0
NSL506	562526	635586	1	559035	636918	3,736	0	0	0	0
			2	558629	636821	4,088	0	0	0	0
			3	558471	636454	4,147	0	0	0	0
			4	559699	636266	2,908	0	0	0	0
			5	560048	636262	2,569	0	0	0	0
			6	559575	634719	3,076	0	0	0	0
			7	559635	634317	3,157	0	0	0	0
			8	559967	633921	3,053	0	0	0	0
			9	559988	633538	3,261	0	0	0	0
			10	560213	634189	2,702	0	0	0	0
			11	560355	633784	2,821	0	0	0	0
			12	560540	633452	2,915	0	0	0	0
			13	560792	634470	2,062	0	0	0	0
			14	561156	634401	1,811	0	0	0	0
			15	561442	634564	1,490	0	0	0	1
			16	560787	633896	2,425	0	0	0	0
			17	561214	633948	2,099	0	0	0	0
NSL301	562422	635686	1	559035	636918	3,604	0	0	0	0
			2	558629	636821	3,959	0	0	0	0
			3	558471	636454	4,025	0	0	0	0

			4	559699	636266	2,784	0	0	0	0
			5	560048	636262	2,443	0	0	0	0
			6	559575	634719	3,007	0	0	0	0
			7	559635	634317	3,105	0	0	0	0
			8	559967	633921	3,024	0	0	0	0
			9	559988	633538	3,246	0	0	0	0
			10	560213	634189	2,668	0	0	0	0
			11	560355	633784	2,809	0	0	0	0
			12	560540	633452	2,921	0	0	0	0
			13	560792	634470	2,034	0	0	0	0
			14	561156	634401	1,804	0	0	0	0
			15	561442	634564	1,490	0	0	0	1
			16	560787	633896	2,424	0	0	0	0
			17	561214	633948	2,117	0	0	0	0
NSL505	562532	635587	1	559035	636918	3,742	0	0	0	0
			2	558629	636821	4,093	0	0	0	0
			3	558471	636454	4,153	0	0	0	0
			4	559699	636266	2,913	0	0	0	0
			5	560048	636262	2,574	0	0	0	0
			6	559575	634719	3,082	0	0	0	0
			7	559635	634317	3,163	0	0	0	0
			8	559967	633921	3,059	0	0	0	0
			9	559988	633538	3,267	0	0	0	0
			10	560213	634189	2,708	0	0	0	0
			11	560355	633784	2,827	0	0	0	0
			12	560540	633452	2,920	0	0	0	0
			13	560792	634470	2,068	0	0	0	0
			14	561156	634401	1,817	0	0	0	0
			15	561442	634564	1,495	0	0	0	1
			16	560787	633896	2,430	0	0	0	0
			17	561214	633948	2,103	0	0	0	0
NSL276	562492	635629	1	559035	636918	3,689	0	0	0	0

			2	558629	636821	4,043	0	0	0	0
			3	558471	636454	4,105	0	0	0	0
			4	559699	636266	2,865	0	0	0	0
			5	560048	636262	2,525	0	0	0	0
			6	559575	634719	3,056	0	0	0	0
			7	559635	634317	3,144	0	0	0	0
			8	559967	633921	3,048	0	0	0	0
			9	559988	633538	3,262	0	0	0	0
			10	560213	634189	2,696	0	0	0	0
			11	560355	633784	2,823	0	0	0	0
			12	560540	633452	2,924	0	0	0	0
			13	560792	634470	2,057	0	0	0	0
			14	561156	634401	1,815	0	0	0	0
			15	561442	634564	1,496	0	0	0	1
			16	560787	633896	2,431	0	0	0	0
			17	561214	633948	2,112	0	0	0	0
NSL264	562421	635698	1	559035	636918	3,599	0	0	0	0
			2	558629	636821	3,955	0	0	0	0
			3	558471	636454	4,022	0	0	0	0
			4	559699	636266	2,781	0	0	0	0
			5	560048	636262	2,439	0	0	0	0
			6	559575	634719	3,010	0	0	0	0
			7	559635	634317	3,109	0	0	0	0
			8	559967	633921	3,030	0	0	0	0
			9	559988	633538	3,253	0	0	0	0
			10	560213	634189	2,674	0	0	0	0
			11	560355	633784	2,816	0	0	0	0
			12	560540	633452	2,930	0	0	0	0
			13	560792	634470	2,040	0	0	0	0
			14	561156	634401	1,812	0	0	0	0
			15	561442	634564	1,498	0	0	0	1
			16	560787	633896	2,433	0	0	0	0

			17	561214	633948	2,126	0	0	0	0
NSL373	562541	635588	1	559035	636918	3,750	0	0	0	0
			2	558629	636821	4,102	0	0	0	0
			3	558471	636454	4,161	0	0	0	0
			4	559699	636266	2,922	0	0	0	0
			5	560048	636262	2,583	0	0	0	0
			6	559575	634719	3,091	0	0	0	0
			7	559635	634317	3,172	0	0	0	0
			8	559967	633921	3,067	0	0	0	0
			9	559988	633538	3,274	0	0	0	0
			10	560213	634189	2,716	0	0	0	0
			11	560355	633784	2,834	0	0	0	0
			12	560540	633452	2,927	0	0	0	0
			13	560792	634470	2,076	0	0	0	0
			14	561156	634401	1,824	0	0	0	0
			15	561442	634564	1,502	0	0	0	0
			16	560787	633896	2,437	0	0	0	0
			17	561214	633948	2,110	0	0	0	0
NSL364	562495	635636	1	559035	636918	3,690	0	0	0	0
			2	558629	636821	4,044	0	0	0	0
			3	558471	636454	4,106	0	0	0	0
			4	559699	636266	2,866	0	0	0	0
			5	560048	636262	2,526	0	0	0	0
			6	559575	634719	3,061	0	0	0	0
			7	559635	634317	3,150	0	0	0	0
			8	559967	633921	3,055	0	0	0	0
			9	559988	633538	3,269	0	0	0	0
			10	560213	634189	2,702	0	0	0	0
			11	560355	633784	2,830	0	0	0	0
			12	560540	633452	2,931	0	0	0	0
			13	560792	634470	2,064	0	0	0	0
			14	561156	634401	1,822	0	0	0	0

			15	561442	634564	1,503	0	0	0	0
			16	560787	633896	2,438	0	0	0	0
			17	561214	633948	2,119	0	0	0	0
NSL278	562523	635615	1	559035	636918	3,723	0	0	0	0
			2	558629	636821	4,076	0	0	0	0
			3	558471	636454	4,138	0	0	0	0
			4	559699	636266	2,898	0	0	0	0
			5	560048	636262	2,558	0	0	0	0
			6	559575	634719	3,081	0	0	0	0
			7	559635	634317	3,166	0	0	0	0
			8	559967	633921	3,066	0	0	0	0
			9	559988	633538	3,277	0	0	0	0
			10	560213	634189	2,715	0	0	0	0
			11	560355	633784	2,838	0	0	0	0
			12	560540	633452	2,934	0	0	0	0
			13	560792	634470	2,075	0	0	0	0
			14	561156	634401	1,828	0	0	0	0
			15	561442	634564	1,508	0	0	0	0
			16	560787	633896	2,443	0	0	0	0
			17	561214	633948	2,120	0	0	0	0
NSL515	562548	635589	1	559035	636918	3,756	0	0	0	0
			2	558629	636821	4,108	0	0	0	0
			3	558471	636454	4,168	0	0	0	0
			4	559699	636266	2,928	0	0	0	0
			5	560048	636262	2,589	0	0	0	0
			6	559575	634719	3,098	0	0	0	0
			7	559635	634317	3,179	0	0	0	0
			8	559967	633921	3,073	0	0	0	0
			9	559988	633538	3,280	0	0	0	0
			10	560213	634189	2,723	0	0	0	0
			11	560355	633784	2,840	0	0	0	0
			12	560540	633452	2,932	0	0	0	0

			13	560792	634470	2,082	0	0	0	0
			14	561156	634401	1,830	0	0	0	0
			15	561442	634564	1,508	0	0	0	0
			16	560787	633896	2,443	0	0	0	0
			17	561214	633948	2,115	0	0	0	0
NSL275	562499	635646	1	559035	636918	3,690	0	0	0	0
			2	558629	636821	4,044	0	0	0	0
			3	558471	636454	4,108	0	0	0	0
			4	559699	636266	2,868	0	0	0	0
			5	560048	636262	2,527	0	0	0	0
			6	559575	634719	3,067	0	0	0	0
			7	559635	634317	3,157	0	0	0	0
			8	559967	633921	3,064	0	0	0	0
			9	559988	633538	3,279	0	0	0	0
			10	560213	634189	2,711	0	0	0	0
			11	560355	633784	2,840	0	0	0	0
			12	560540	633452	2,941	0	0	0	0
			13	560792	634470	2,073	0	0	0	0
			14	561156	634401	1,831	0	0	0	0
			15	561442	634564	1,513	0	0	0	0
			16	560787	633896	2,448	0	0	0	0
			17	561214	633948	2,129	0	0	0	0
NSL347	562528	635624	1	559035	636918	3,725	0	0	0	0
			2	558629	636821	4,079	0	0	0	0
			3	558471	636454	4,141	0	0	0	0
			4	559699	636266	2,901	0	0	0	0
			5	560048	636262	2,561	0	0	0	0
			6	559575	634719	3,089	0	0	0	0
			7	559635	634317	3,175	0	0	0	0
			8	559967	633921	3,076	0	0	0	0
			9	559988	633538	3,287	0	0	0	0
			10	560213	634189	2,724	0	0	0	0

			11	560355	633784	2,847	0	0	0	0
			12	560540	633452	2,944	0	0	0	0
			13	560792	634470	2,085	0	0	0	0
			14	561156	634401	1,838	0	0	0	0
			15	561442	634564	1,518	0	0	0	0
			16	560787	633896	2,453	0	0	0	0
			17	561214	633948	2,130	0	0	0	0
NSL274	562502	635653	1	559035	636918	3,691	0	0	0	0
			2	558629	636821	4,045	0	0	0	0
			3	558471	636454	4,110	0	0	0	0
			4	559699	636266	2,869	0	0	0	0
			5	560048	636262	2,528	0	0	0	0
			6	559575	634719	3,072	0	0	0	0
			7	559635	634317	3,163	0	0	0	0
			8	559967	633921	3,070	0	0	0	0
			9	559988	633538	3,285	0	0	0	0
			10	560213	634189	2,717	0	0	0	0
			11	560355	633784	2,847	0	0	0	0
			12	560540	633452	2,949	0	0	0	0
			13	560792	634470	2,079	0	0	0	0
			14	561156	634401	1,838	0	0	0	0
			15	561442	634564	1,520	0	0	0	0
			16	560787	633896	2,455	0	0	0	0
			17	561214	633948	2,137	0	0	0	0
NSL265	562440	635714	1	559035	636918	3,612	0	0	0	0
			2	558629	636821	3,969	0	0	0	0
			3	558471	636454	4,037	0	0	0	0
			4	559699	636266	2,796	0	0	0	0
			5	560048	636262	2,454	0	0	0	0
			6	559575	634719	3,033	0	0	0	0
			7	559635	634317	3,134	0	0	0	0
			8	559967	633921	3,055	0	0	0	0

			9	559988	633538	3,278	0	0	0	0
			10	560213	634189	2,699	0	0	0	0
			11	560355	633784	2,841	0	0	0	0
			12	560540	633452	2,954	0	0	0	0
			13	560792	634470	2,065	0	0	0	0
			14	561156	634401	1,836	0	0	0	0
			15	561442	634564	1,523	0	0	0	0
			16	560787	633896	2,457	0	0	0	0
			17	561214	633948	2,150	0	0	0	0
NSL348	562531	635630	1	559035	636918	3,726	0	0	0	0
			2	558629	636821	4,080	0	0	0	0
			3	558471	636454	4,143	0	0	0	0
			4	559699	636266	2,903	0	0	0	0
			5	560048	636262	2,562	0	0	0	0
			6	559575	634719	3,093	0	0	0	0
			7	559635	634317	3,180	0	0	0	0
			8	559967	633921	3,081	0	0	0	0
			9	559988	633538	3,293	0	0	0	0
			10	560213	634189	2,729	0	0	0	0
			11	560355	633784	2,854	0	0	0	0
			12	560540	633452	2,951	0	0	0	0
			13	560792	634470	2,090	0	0	0	0
			14	561156	634401	1,844	0	0	0	0
			15	561442	634564	1,524	0	0	0	0
			16	560787	633896	2,459	0	0	0	0
			17	561214	633948	2,136	0	0	0	0
NSL383	562503	635663	1	559035	636918	3,688	0	0	0	0
			2	558629	636821	4,043	0	0	0	0
			3	558471	636454	4,109	0	0	0	0
			4	559699	636266	2,868	0	0	0	0
			5	560048	636262	2,527	0	0	0	0
			6	559575	634719	3,076	0	0	0	0

			7	559635	634317	3,168	0	0	0	0
			8	559967	633921	3,077	0	0	0	0
			9	559988	633538	3,293	0	0	0	0
			10	560213	634189	2,723	0	0	0	0
			11	560355	633784	2,854	0	0	0	0
			12	560540	633452	2,957	0	0	0	0
			13	560792	634470	2,086	0	0	0	0
			14	561156	634401	1,846	0	0	0	0
			15	561442	634564	1,528	0	0	0	0
			16	560787	633896	2,463	0	0	0	0
			17	561214	633948	2,145	0	0	0	0
NSL302	562447	635715	1	559035	636918	3,618	0	0	0	0
			2	558629	636821	3,975	0	0	0	0
			3	558471	636454	4,044	0	0	0	0
			4	559699	636266	2,803	0	0	0	0
			5	560048	636262	2,461	0	0	0	0
			6	559575	634719	3,040	0	0	0	0
			7	559635	634317	3,140	0	0	0	0
			8	559967	633921	3,061	0	0	0	0
			9	559988	633538	3,284	0	0	0	0
			10	560213	634189	2,705	0	0	0	0
			11	560355	633784	2,847	0	0	0	0
			12	560540	633452	2,959	0	0	0	0
			13	560792	634470	2,071	0	0	0	0
			14	561156	634401	1,842	0	0	0	0
			15	561442	634564	1,528	0	0	0	0
			16	560787	633896	2,463	0	0	0	0
			17	561214	633948	2,155	0	0	0	0
NSL287	562532	635640	1	559035	636918	3,723	0	0	0	0
			2	558629	636821	4,078	0	0	0	0
			3	558471	636454	4,142	0	0	0	0
			4	559699	636266	2,901	0	0	0	0

			5	560048	636262	2,561	0	0	0	0
			6	559575	634719	3,097	0	0	0	0
			7	559635	634317	3,185	0	0	0	0
			8	559967	633921	3,088	0	0	0	0
			9	559988	633538	3,300	0	0	0	0
			10	560213	634189	2,736	0	0	0	0
			11	560355	633784	2,861	0	0	0	0
			12	560540	633452	2,959	0	0	0	0
			13	560792	634470	2,097	0	0	0	0
			14	561156	634401	1,852	0	0	0	0
			15	561442	634564	1,532	0	0	0	0
			16	560787	633896	2,467	0	0	0	0
			17	561214	633948	2,145	0	0	0	0
NSL303	562453	635715	1	559035	636918	3,624	0	0	0	0
			2	558629	636821	3,981	0	0	0	0
			3	558471	636454	4,050	0	0	0	0
			4	559699	636266	2,809	0	0	0	0
			5	560048	636262	2,466	0	0	0	0
			6	559575	634719	3,045	0	0	0	0
			7	559635	634317	3,146	0	0	0	0
			8	559967	633921	3,066	0	0	0	0
			9	559988	633538	3,289	0	0	0	0
			10	560213	634189	2,710	0	0	0	0
			11	560355	633784	2,851	0	0	0	0
			12	560540	633452	2,963	0	0	0	0
			13	560792	634470	2,076	0	0	0	0
			14	561156	634401	1,846	0	0	0	0
			15	561442	634564	1,532	0	0	0	0
			16	560787	633896	2,467	0	0	0	0
			17	561214	633948	2,158	0	0	0	0
NSL410	562503	635670	1	559035	636918	3,686	0	0	0	0
			2	558629	636821	4,041	0	0	0	0

			3	558471	636454	4,108	0	0	0	0
			4	559699	636266	2,867	0	0	0	0
			5	560048	636262	2,525	0	0	0	0
			6	559575	634719	3,079	0	0	0	0
			7	559635	634317	3,171	0	0	0	0
			8	559967	633921	3,081	0	0	0	0
			9	559988	633538	3,297	0	0	0	0
			10	560213	634189	2,727	0	0	0	0
			11	560355	633784	2,858	0	0	0	0
			12	560540	633452	2,962	0	0	0	0
			13	560792	634470	2,090	0	0	0	0
			14	561156	634401	1,851	0	0	0	0
			15	561442	634564	1,533	0	0	0	0
			16	560787	633896	2,468	0	0	0	0
			17	561214	633948	2,151	0	0	0	0
NSL304	562459	635716	1	559035	636918	3,629	0	0	0	0
			2	558629	636821	3,986	0	0	0	0
			3	558471	636454	4,056	0	0	0	0
			4	559699	636266	2,814	0	0	0	0
			5	560048	636262	2,472	0	0	0	0
			6	559575	634719	3,051	0	0	0	0
			7	559635	634317	3,152	0	0	0	0
			8	559967	633921	3,071	0	0	0	0
			9	559988	633538	3,294	0	0	0	0
			10	560213	634189	2,716	0	0	0	0
			11	560355	633784	2,856	0	0	0	0
			12	560540	633452	2,968	0	0	0	0
			13	560792	634470	2,081	0	0	0	0
			14	561156	634401	1,851	0	0	0	0
			15	561442	634564	1,537	0	0	0	0
			16	560787	633896	2,471	0	0	0	0
			17	561214	633948	2,162	0	0	0	0

NSL261	562535	635648	1	559035	636918	3,723	0	0	0	0
			2	558629	636821	4,078	0	0	0	0
			3	558471	636454	4,143	0	0	0	0
			4	559699	636266	2,903	0	0	0	0
			5	560048	636262	2,562	0	0	0	0
			6	559575	634719	3,102	0	0	0	0
			7	559635	634317	3,191	0	0	0	0
			8	559967	633921	3,095	0	0	0	0
			9	559988	633538	3,307	0	0	0	0
			10	560213	634189	2,742	0	0	0	0
			11	560355	633784	2,868	0	0	0	0
			12	560540	633452	2,967	0	0	0	0
			13	560792	634470	2,104	0	0	0	0
			14	561156	634401	1,859	0	0	0	0
			15	561442	634564	1,539	0	0	0	0
			16	560787	633896	2,475	0	0	0	0
			17	561214	633948	2,153	0	0	0	0
NSL273	562505	635678	1	559035	636918	3,685	0	0	0	0
			2	558629	636821	4,041	0	0	0	0
			3	558471	636454	4,108	0	0	0	0
			4	559699	636266	2,867	0	0	0	0
			5	560048	636262	2,525	0	0	0	0
			6	559575	634719	3,083	0	0	0	0
			7	559635	634317	3,176	0	0	0	0
			8	559967	633921	3,087	0	0	0	0
			9	559988	633538	3,304	0	0	0	0
			10	560213	634189	2,733	0	0	0	0
			11	560355	633784	2,865	0	0	0	0
			12	560540	633452	2,969	0	0	0	0
			13	560792	634470	2,096	0	0	0	0
			14	561156	634401	1,858	0	0	0	0
			15	561442	634564	1,540	0	0	0	0

			16	560787	633896	2,475	0	0	0	0
			17	561214	633948	2,159	0	0	0	0
NSL267	562466	635717	1	559035	636918	3,635	0	0	0	0
			2	558629	636821	3,993	0	0	0	0
			3	558471	636454	4,062	0	0	0	0
			4	559699	636266	2,821	0	0	0	0
			5	560048	636262	2,479	0	0	0	0
			6	559575	634719	3,058	0	0	0	0
			7	559635	634317	3,158	0	0	0	0
			8	559967	633921	3,077	0	0	0	0
			9	559988	633538	3,300	0	0	0	0
			10	560213	634189	2,722	0	0	0	0
			11	560355	633784	2,862	0	0	0	0
			12	560540	633452	2,973	0	0	0	0
			13	560792	634470	2,087	0	0	0	0
			14	561156	634401	1,857	0	0	0	0
			15	561442	634564	1,542	0	0	0	0
			16	560787	633896	2,477	0	0	0	0
			17	561214	633948	2,167	0	0	0	0
NSL058	562581	635607	1	559035	636918	3,781	0	0	0	0
			2	558629	636821	4,134	0	0	0	0
			3	558471	636454	4,196	0	0	0	0
			4	559699	636266	2,956	0	0	0	0
			5	560048	636262	2,616	0	0	0	0
			6	559575	634719	3,134	0	0	0	0
			7	559635	634317	3,216	0	0	0	0
			8	559967	633921	3,111	0	0	0	0
			9	559988	633538	3,317	0	0	0	0
			10	560213	634189	2,760	0	0	0	0
			11	560355	633784	2,877	0	0	0	0
			12	560540	633452	2,968	0	0	0	0
			13	560792	634470	2,120	0	0	0	0

			14	561156	634401	1,867	0	0	0	0
			15	561442	634564	1,544	0	0	0	0
			16	560787	633896	2,479	0	0	0	0
			17	561214	633948	2,150	0	0	0	0
NSL363	562504	635685	1	559035	636918	3,682	0	0	0	0
			2	558629	636821	4,038	0	0	0	0
			3	558471	636454	4,106	0	0	0	0
			4	559699	636266	2,865	0	0	0	0
			5	560048	636262	2,523	0	0	0	0
			6	559575	634719	3,084	0	0	0	0
			7	559635	634317	3,178	0	0	0	0
			8	559967	633921	3,090	0	0	0	0
			9	559988	633538	3,308	0	0	0	0
			10	560213	634189	2,736	0	0	0	0
			11	560355	633784	2,869	0	0	0	0
			12	560540	633452	2,974	0	0	0	0
			13	560792	634470	2,099	0	0	0	0
			14	561156	634401	1,862	0	0	0	0
			15	561442	634564	1,544	0	0	0	0
			16	560787	633896	2,480	0	0	0	0
			17	561214	633948	2,164	0	0	0	0
NSL272	562502	635692	1	559035	636918	3,677	0	0	0	0
			2	558629	636821	4,034	0	0	0	0
			3	558471	636454	4,102	0	0	0	0
			4	559699	636266	2,861	0	0	0	0
			5	560048	636262	2,519	0	0	0	0
			6	559575	634719	3,084	0	0	0	0
			7	559635	634317	3,180	0	0	0	0
			8	559967	633921	3,092	0	0	0	0
			9	559988	633538	3,311	0	0	0	0
			10	560213	634189	2,738	0	0	0	0
			11	560355	633784	2,872	0	0	0	0

			12	560540	633452	2,978	0	0	0	0
			13	560792	634470	2,102	0	0	0	0
			14	561156	634401	1,865	0	0	0	0
			15	561442	634564	1,548	0	0	0	0
			16	560787	633896	2,483	0	0	0	0
			17	561214	633948	2,168	0	0	0	0
NSL268	562474	635718	1	559035	636918	3,642	0	0	0	0
			2	558629	636821	4,000	0	0	0	0
			3	558471	636454	4,070	0	0	0	0
			4	559699	636266	2,829	0	0	0	0
			5	560048	636262	2,486	0	0	0	0
			6	559575	634719	3,066	0	0	0	0
			7	559635	634317	3,166	0	0	0	0
			8	559967	633921	3,085	0	0	0	0
			9	559988	633538	3,306	0	0	0	0
			10	560213	634189	2,729	0	0	0	0
			11	560355	633784	2,869	0	0	0	0
			12	560540	633452	2,979	0	0	0	0
			13	560792	634470	2,094	0	0	0	0
			14	561156	634401	1,863	0	0	0	0
			15	561442	634564	1,548	0	0	0	0
			16	560787	633896	2,483	0	0	0	0
			17	561214	633948	2,173	0	0	0	0
NSL271	562502	635699	1	559035	636918	3,675	0	0	0	0
			2	558629	636821	4,032	0	0	0	0
			3	558471	636454	4,101	0	0	0	0
			4	559699	636266	2,860	0	0	0	0
			5	560048	636262	2,518	0	0	0	0
			6	559575	634719	3,087	0	0	0	0
			7	559635	634317	3,183	0	0	0	0
			8	559967	633921	3,096	0	0	0	0
			9	559988	633538	3,315	0	0	0	0

			10	560213	634189	2,742	0	0	0	0
			11	560355	633784	2,877	0	0	0	0
			12	560540	633452	2,983	0	0	0	0
			13	560792	634470	2,106	0	0	0	0
			14	561156	634401	1,870	0	0	0	0
			15	561442	634564	1,553	0	0	0	0
			16	560787	633896	2,488	0	0	0	0
			17	561214	633948	2,174	0	0	0	0
NSL269	562485	635716	1	559035	636918	3,653	0	0	0	0
			2	558629	636821	4,011	0	0	0	0
			3	558471	636454	4,081	0	0	0	0
			4	559699	636266	2,840	0	0	0	0
			5	560048	636262	2,497	0	0	0	0
			6	559575	634719	3,076	0	0	0	0
			7	559635	634317	3,175	0	0	0	0
			8	559967	633921	3,092	0	0	0	0
			9	559988	633538	3,313	0	0	0	0
			10	560213	634189	2,737	0	0	0	0
			11	560355	633784	2,876	0	0	0	0
			12	560540	633452	2,985	0	0	0	0
			13	560792	634470	2,102	0	0	0	0
			14	561156	634401	1,870	0	0	0	0
			15	561442	634564	1,554	0	0	0	0
			16	560787	633896	2,489	0	0	0	0
			17	561214	633948	2,177	0	0	0	0
NSL270	562494	635711	1	559035	636918	3,664	0	0	0	0
			2	558629	636821	4,021	0	0	0	0
			3	558471	636454	4,091	0	0	0	0
			4	559699	636266	2,850	0	0	0	0
			5	560048	636262	2,507	0	0	0	0
			6	559575	634719	3,083	0	0	0	0
			7	559635	634317	3,181	0	0	0	0

			8	559967	633921	3,097	0	0	0	0
			9	559988	633538	3,317	0	0	0	0
			10	560213	634189	2,742	0	0	0	0
			11	560355	633784	2,879	0	0	0	0
			12	560540	633452	2,987	0	0	0	0
			13	560792	634470	2,106	0	0	0	0
			14	561156	634401	1,873	0	0	0	0
			15	561442	634564	1,556	0	0	0	0
			16	560787	633896	2,492	0	0	0	0
			17	561214	633948	2,179	0	0	0	0
NSL397	562417	635784	1	559035	636918	3,567	0	0	0	0
			2	558629	636821	3,927	0	0	0	0
			3	558471	636454	4,002	0	0	0	0
			4	559699	636266	2,760	0	0	0	0
			5	560048	636262	2,417	0	0	0	0
			6	559575	634719	3,035	0	0	0	0
			7	559635	634317	3,145	0	0	0	0
			8	559967	633921	3,078	0	0	0	0
			9	559988	633538	3,308	0	0	0	0
			10	560213	634189	2,721	0	0	0	0
			11	560355	633784	2,873	0	0	0	0
			12	560540	633452	2,994	0	0	0	0
			13	560792	634470	2,090	0	0	0	0
			14	561156	634401	1,872	0	0	0	0
			15	561442	634564	1,562	0	0	0	0
			16	560787	633896	2,494	0	0	0	0
			17	561214	633948	2,195	0	0	0	0
NSL478	562564	635668	1	559035	636918	3,744	0	0	0	0
			2	558629	636821	4,100	0	0	0	0
			3	558471	636454	4,168	0	0	0	0
			4	559699	636266	2,927	0	0	0	0
			5	560048	636262	2,585	0	0	0	0

			6	559575	634719	3,136	0	0	0	0
			7	559635	634317	3,226	0	0	0	0
			8	559967	633921	3,130	0	0	0	0
			9	559988	633538	3,343	0	0	0	0
			10	560213	634189	2,778	0	0	0	0
			11	560355	633784	2,903	0	0	0	0
			12	560540	633452	3,001	0	0	0	0
			13	560792	634470	2,139	0	0	0	0
			14	561156	634401	1,894	0	0	0	0
			15	561442	634564	1,574	0	0	0	0
			16	560787	633896	2,510	0	0	0	0
			17	561214	633948	2,187	0	0	0	0
NSL042	562149	635976	1	559035	636918	3,253	0	0	0	0
			2	558629	636821	3,620	0	0	0	0
			3	558471	636454	3,709	0	0	0	0
			4	559699	636266	2,467	0	0	0	0
			5	560048	636262	2,120	0	0	0	0
			6	559575	634719	2,865	0	0	0	0
			7	559635	634317	3,012	0	0	0	0
			8	559967	633921	2,997	0	0	0	0
			9	559988	633538	3,258	0	0	0	0
			10	560213	634189	2,635	0	0	0	0
			11	560355	633784	2,833	0	0	0	0
			12	560540	633452	2,993	0	0	0	0
			13	560792	634470	2,027	0	0	0	0
			14	561156	634401	1,862	0	0	0	0
			15	561442	634564	1,579	0	0	0	0
			16	560787	633896	2,486	0	0	0	0
			17	561214	633948	2,233	0	0	0	0
NSL380	562563	635689	1	559035	636918	3,736	0	0	0	0
			2	558629	636821	4,094	0	0	0	0
			3	558471	636454	4,163	0	0	0	0

			4	559699	636266	2,922	0	0	0	0
			5	560048	636262	2,579	0	0	0	0
			6	559575	634719	3,142	0	0	0	0
			7	559635	634317	3,234	0	0	0	0
			8	559967	633921	3,141	0	0	0	0
			9	559988	633538	3,355	0	0	0	0
			10	560213	634189	2,788	0	0	0	0
			11	560355	633784	2,916	0	0	0	0
			12	560540	633452	3,016	0	0	0	0
			13	560792	634470	2,150	0	0	0	0
			14	561156	634401	1,908	0	0	0	0
			15	561442	634564	1,588	0	0	0	0
			16	560787	633896	2,524	0	0	0	0
			17	561214	633948	2,202	0	0	0	0
NSL379	562563	635702	1	559035	636918	3,732	0	0	0	0
			2	558629	636821	4,090	0	0	0	0
			3	558471	636454	4,161	0	0	0	0
			4	559699	636266	2,919	0	0	0	0
			5	560048	636262	2,577	0	0	0	0
			6	559575	634719	3,146	0	0	0	0
			7	559635	634317	3,239	0	0	0	0
			8	559967	633921	3,148	0	0	0	0
			9	559988	633538	3,364	0	0	0	0
			10	560213	634189	2,795	0	0	0	0
			11	560355	633784	2,925	0	0	0	0
			12	560540	633452	3,026	0	0	0	0
			13	560792	634470	2,157	0	0	0	0
			14	561156	634401	1,916	0	0	0	0
			15	561442	634564	1,597	0	0	0	0
			16	560787	633896	2,533	0	0	0	0
			17	561214	633948	2,213	0	0	0	0
NSL360	562236	635949	1	559035	636918	3,344	0	0	0	0

			2	558629	636821	3,711	0	0	0	0
			3	558471	636454	3,799	0	0	0	0
			4	559699	636266	2,557	0	0	0	0
			5	560048	636262	2,210	0	0	0	0
			6	559575	634719	2,932	0	0	0	0
			7	559635	634317	3,071	0	0	0	0
			8	559967	633921	3,043	0	0	0	0
			9	559988	633538	3,296	0	0	0	0
			10	560213	634189	2,681	0	0	0	0
			11	560355	633784	2,868	0	0	0	0
			12	560540	633452	3,019	0	0	0	0
			13	560792	634470	2,067	0	0	0	0
			14	561156	634401	1,888	0	0	0	0
			15	561442	634564	1,596	0	0	0	0
			16	560787	633896	2,513	0	0	0	0
			17	561214	633948	2,247	0	0	0	0
NSL479	562564	635722	1	559035	636918	3,726	0	0	0	0
			2	558629	636821	4,086	0	0	0	0
			3	558471	636454	4,158	0	0	0	0
			4	559699	636266	2,916	0	0	0	0
			5	560048	636262	2,573	0	0	0	0
			6	559575	634719	3,153	0	0	0	0
			7	559635	634317	3,249	0	0	0	0
			8	559967	633921	3,160	0	0	0	0
			9	559988	633538	3,377	0	0	0	0
			10	560213	634189	2,807	0	0	0	0
			11	560355	633784	2,939	0	0	0	0
			12	560540	633452	3,041	0	0	0	0
			13	560792	634470	2,170	0	0	0	0
			14	561156	634401	1,931	0	0	0	0
			15	561442	634564	1,612	0	0	0	0
			16	560787	633896	2,548	0	0	0	0

			17	561214	633948	2,229	0	0	0	0
NSL108	562277	635965	1	559035	636918	3,379	0	0	0	0
			2	558629	636821	3,747	0	0	0	0
			3	558471	636454	3,837	0	0	0	0
			4	559699	636266	2,596	0	0	0	0
			5	560048	636262	2,249	0	0	0	0
			6	559575	634719	2,975	0	0	0	0
			7	559635	634317	3,114	0	0	0	0
			8	559967	633921	3,084	0	0	0	0
			9	559988	633538	3,336	0	0	0	0
			10	560213	634189	2,723	0	0	0	0
			11	560355	633784	2,907	0	0	0	0
			12	560540	633452	3,055	0	0	0	0
			13	560792	634470	2,107	0	0	0	0
			14	561156	634401	1,924	0	0	0	0
			15	561442	634564	1,631	0	0	0	0
			16	560787	633896	2,550	0	0	0	0
			17	561214	633948	2,280	0	0	0	0
NSL208	562316	635972	1	559035	636918	3,415	0	0	0	0
			2	558629	636821	3,783	0	0	0	0
			3	558471	636454	3,875	0	0	0	0
			4	559699	636266	2,633	0	0	0	0
			5	560048	636262	2,286	0	0	0	0
			6	559575	634719	3,014	0	0	0	0
			7	559635	634317	3,151	0	0	0	0
			8	559967	633921	3,118	0	0	0	0
			9	559988	633538	3,368	0	0	0	0
			10	560213	634189	2,757	0	0	0	0
			11	560355	633784	2,938	0	0	0	0
			12	560540	633452	3,083	0	0	0	0
			13	560792	634470	2,140	0	0	0	0
			14	561156	634401	1,953	0	0	0	0

			15	561442	634564	1,657	0	0	0	0
			16	560787	633896	2,578	0	0	0	0
			17	561214	633948	2,305	0	0	0	0
NSL021	562345	635955	1	559035	636918	3,447	0	0	0	0
			2	558629	636821	3,816	0	0	0	0
			3	558471	636454	3,906	0	0	0	0
			4	559699	636266	2,664	0	0	0	0
			5	560048	636262	2,317	0	0	0	0
			6	559575	634719	3,033	0	0	0	0
			7	559635	634317	3,167	0	0	0	0
			8	559967	633921	3,129	0	0	0	0
			9	559988	633538	3,376	0	0	0	0
			10	560213	634189	2,768	0	0	0	0
			11	560355	633784	2,945	0	0	0	0
			12	560540	633452	3,086	0	0	0	0
			13	560792	634470	2,149	0	0	0	0
			14	561156	634401	1,957	0	0	0	0
			15	561442	634564	1,658	0	0	0	0
			16	560787	633896	2,582	0	0	0	0
			17	561214	633948	2,304	0	0	0	0
NSL319	562480	635859	1	559035	636918	3,604	0	0	0	0
			2	558629	636821	3,969	0	0	0	0
			3	558471	636454	4,053	0	0	0	0
			4	559699	636266	2,811	0	0	0	0
			5	560048	636262	2,465	0	0	0	0
			6	559575	634719	3,121	0	0	0	0
			7	559635	634317	3,236	0	0	0	0
			8	559967	633921	3,173	0	0	0	0
			9	559988	633538	3,405	0	0	0	0
			10	560213	634189	2,816	0	0	0	0
			11	560355	633784	2,970	0	0	0	0
			12	560540	633452	3,091	0	0	0	0

13	560792	634470	2,186	0	0	0	0
14	561156	634401	1,969	0	0	0	0
15	561442	634564	1,660	0	0	0	0
16	560787	633896	2,592	0	0	0	0
17	561214	633948	2,292	0	0	0	0
				0	0	9	95