

**ANEXO II****Universidad de Extremadura.****CENTRO UNIVERSITARIO DE MÉRIDA.****Departamento de Expresión Gráfica.****IBERSEIS****Informe sobre la toma de datos topográficos  
del perfil sísmico, mediante técnicas GPS  
diferencial y con observable de código****Badajoz / Huelva, Julio – Agosto de 2000****Autores:****José Manuel Nogales Galán.****José Ramón Figueira González.***fichero UTM (29) y perfil topográfico*

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## 1 Antecedentes

El proyecto IBERSEIS-2000 tiene como objeto determinar la estructura interna de la corteza terrestre en el sudoeste de la Península Ibérica. El proyecto consta de un perfil sísmico profundo adquirido con camiones vibroseis. Una de las fases de este proyecto es la determinación de las coordenadas de cada estación receptora y de cada punto de tiro para la adquisición del perfil.

## 2 Situación geográfica

El perfil se desarrolla entre Puebla de Guzmán (Huelva) y Quintana de la Serena (Badajoz) y tiene una longitud de aproximadamente 300 Km. El perfil se puede descomponer en dos tramos claramente diferenciados en función de la dirección predominante.

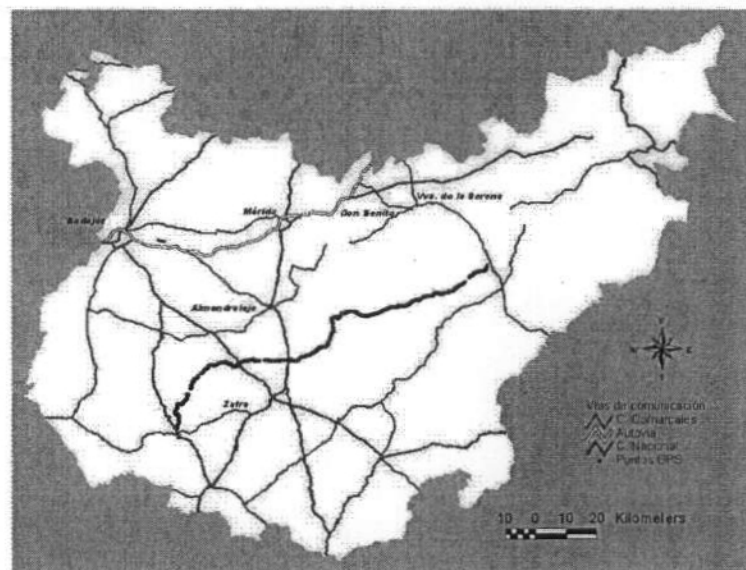


Fig. 1- Plano con el recorrido en la provincia de Badajoz.

El primer tramo desde Puebla de Guzmán a Jerez de los Caballeros (Badajoz) con dirección norte y recorriendo la provincia de Huelva y el segundo tramo desde Jerez de los Caballeros hasta diez kilómetros al este de Quintana de la Serena en dirección noreste, recorriendo la provincia de Badajoz. Ambos tramos tienen una longitud parecida.

## 3 Objetivo.

El objetivo de este trabajo es dar coordenadas a las estaciones receptoras y a los puntos de tiro, como ya se ha señalado. No era necesario determinar las coordenadas directamente en campo de todos puntos, separados 35 m,

ya que en los tramos en línea recta y con pendiente del terreno uniforme sólo se les daría coordenadas a los puntos que estuviera en los extremos de la alineación. Posteriormente, se obtendrían las coordenadas de los puntos intermedios por interpolación de las coordenadas de los puntos extremos, a los que no se les ha dado coordenadas directamente en la observación. En el anexo correspondiente sólo figuran las coordenadas de los puntos observados directamente en campo. Es por esto, que en el recorrido por Huelva se han tomado más puntos en campo que en el recorrido por Badajoz, a pesar de tener ambos la misma longitud. Ya que en recorrido por Huelva el terreno era más movido y el perfil transcurre a lo largo de vías de trazado más sinuoso.

## **4 Fases del trabajo.**

Las fases de este trabajo son las usuales de cualquier trabajo de observación con receptores GPS. No se ha incluido la fase de selección y señalización de los puntos de observación ya que este trabajo estaba perfectamente realizado cuando comenzó la observación.

### **4.1 Planificación del trabajo.**

En esta fase del trabajo, y quizás la más importante, se realizaron los estudios previos necesarios para cumplir el objetivo de esta observación: dar coordenadas a los puntos mencionados con la precisión requerida. Se estudiaron una serie de factores que determinarían la fase de observación.

#### **4.1.1 Longitud y número de puntos.**

El problema principal es la distancia que sería necesario recorrer (300 Km) y el elevado número de puntos que había que observar (unos 3400 puntos). Por esto lo primero era buscar un sistema de trabajo que agilizará la toma de datos, de manera que se observaran el mayor número de puntos por día y dentro de la precisión requerida.

Fig. 2- Detalle de toma de datos realizada a pie.

En principio el recorrido a pie planteaba una serie de inconvenientes:

Recorrido muy largo.

Peso del equipo.

Baja productividad.

Como la mayor parte del recorrido seguía vías de comunicación (carreteras y caminos) sería preferible un sistema que permitiera observar los puntos del perfil sin tener que bajar el receptor del vehículo con lo que se evitaría tener que cargar con el equipo y posibilitaría un desplazamiento rápido entre los puntos de observación.



Fig. 3- Antena GPS, instalada en el techo el vehículo

Para esto se diseñó y construyó un soporte para la antena del receptor que mediante unos imanes quedaba sujeto al techo del vehículo. Situando la antena en el techo de vehículo se consigue que se reciba señal del mayor número de satélites posible. Con la antena así montada para realizar la observación en un punto, el vehículo se situaría sobre el mismo y se conseguiría que la mayor parte de los puntos se observaran sin tener que bajar del coche. Y sólo sería necesario el recorrido a pie de aquellos tramos por los que no pudiera transitar el automóvil o en aquellos tramos en los que estacionar el automóvil en la carretera supusiera un peligro para la seguridad del tráfico de la vía.



Fig. 4- Detalle del punto del perfil bajo el coche

#### 4.1.2 Método de observación y observable.

Otro factor a tener en cuenta es el tipo de receptor a utilizar y la observable. Dada la precisión requerida para este trabajo, que cada punto tuviera coordenadas con la precisión de 1 m la técnica que habría que utilizar sería la llamada DGPS (G.P.S. Diferencial) ya que con un posicionamiento autónomo (también denominado absoluto) sólo se conseguirían precisiones de 5 metros en el mejor de los casos. La técnica G.P.S. Diferencial se basa en la siguiente idea. Se instala un receptor GPS en un punto de coordenadas conocidas, llamado Estación de Referencia, en un lugar no muy distante de la zona donde se hará el levantamiento, en la que se ubicará el otro receptor móvil. Las señales de los satélites son recibidas simultáneamente en ambos receptores. El receptor base es capaz de calcular el error que está siendo transmitido, ya que se conoce exactamente su propia posición, y así puede ser transmitida una corrección al móvil. Hay que resaltar que esta técnica presenta mejores resultados cuanto más próximos estén los dos receptores, ya que para puntos distantes, los errores obtenidos en cada receptor son diferentes, en función, por ejemplo, de la gran variación de la distancia entre los satélites y los receptores, diferencia de refracción atmosférica, etc. Por tanto se admite como distancia máxima entre los receptores base y móvil, una distancia de 500 kilómetros, en nuestro caso la máxima distancia sería como máximo de unos 200 kilómetros con lo que la distancia no sería un problema.

En cuanto a la observable, con código se consigue la precisión requerida. Con observable de fase se conseguirían precisiones centimétricas pero esto haría disminuir la productividad y además no tendría sentido ya que no se sabe con esta exactitud el punto donde se ubicarán los geófonos en la fase de sondeo. Durante la fase de sondeo sí sería lógico utilizar un método de observación diferencial con observable de fase y así se podría determinar la posición entre geófonos con una precisión centimétrica.

### **4.1.3 Procesamiento de las observaciones.**

En cuanto al procesamiento cabe la posibilidad de hacerlo durante la observación con lo que se podrían obtener coordenadas al mismo tiempo, en tiempo real. En la actualidad existen unos receptores GPS que a través de la señal de Radio Nacional permiten obtener corrección diferencial en tiempo real. Este sistema no se podría aplicar en todos los puntos. El problema es que el perfil discurre por algunas zonas montañosas en las que no se recibe esta señal. Por esto el procesamiento se haría con posterioridad a la observación.

Fig. 5- Diagrama con el número de satélites a lo largo de un día

### **4.1.4 Número de satélites.**

Para poder determinar las coordenadas de los puntos es necesario que el receptor de la estación de referencia y el receptor móvil reciban simultáneamente los mismos cuatro satélites como mínimo. De acuerdo con esto último es necesario determinar cual sería el periodo óptimo de observación a lo largo del día de manera que el número de satélites sea el mayor posible. Se puede resolver a través de las efemérides que transmiten el propio mensaje de los satélites y de un software apropiado, qué número de satélites habrá en la zona de observación y en las fechas de observación como muestran el gráfico. Del gráfico se desprende que para una fecha central de la observación y para una posición más o menos centrada en el perfil y entre las 8 y las 20 horas (periodo de observación diario) el número de satélites por encima del horizonte no baja de cinco. En torno a las 14 horas es cuando el número de satélites es menor. En torno a las 10:30 también había cinco satélites, por lo que habría que evitar estos periodos de observación ya que podría acarrear disminución de la precisión o bien aumentar el número de medidas en esos periodos.

### **4.1.5 Estaciones de referencia.**

En cuanto a las estaciones de referencia, como ya se ha dicho es necesario tomar datos a la vez en un punto de coordenadas conocidas. La estación de referencia de la que se tomarían datos sería la de la Consejería de Agricultura de la Junta de Extremadura situada en Mérida. Se seleccionó una segunda estación de referencia en Badajoz de la empresa ATICSA como comprobación y como reserva por si había algún fallo en la estación de Mérida.

### **4.1.6 Intervalo de toma de datos y número de medidas.**

Otro factor a tener en cuenta era el intervalo de toma y el número de medidas en cada punto. Según las longitudes de las líneas base a observar, la observable seleccionada y la precisión requerida se tomarían 12 medidas con un intervalo de 5 segundos en cada punto observado.

### **4.1.7 Capacidad de memoria.**

La capacidad de almacenamiento de datos de la tarjeta del equipo no sería suficiente para almacenar todas las observaciones de todos los puntos, por lo que habría que incluir en el equipo un ordenador portátil para la descarga diaria de los datos observados en campo.

### **4.1.8 Autonomía de las baterías.**

El equipo constaba de dos baterías de ocho horas de duración cada una, por lo que no debería haber problemas por esta circunstancia, ya que la jornada de trabajo sería de 8 a 10 horas. La recarga de las baterías se realizaría por la noche con los dos cargadores que se incluirían en el equipo.

## **4.2 Observación con los receptores G.P.S.**

Por su sencillez puede decirse que no necesita de especiales consideraciones. En resumen, podemos decir que se trata de cumplir el programa determinado, estacionar la antena en el punto a observar y realizar la observación, nombrar los ficheros según el convenio establecido, manejar con soltura la libreta de datos, asignar el identificador de cada punto e introducir la altura de la antena de cada punto.

La observación se realizó en trece días, entre los días 10 y 15 de julio y entre los días 20 y 26 de julio del año 2000. La observación fue llevada a cabo por D. Fernando Simancas y el alumno de Ingeniería Técnica Topográfica del Centro Universitario de Mérida D. Tomás Benítez Gómez.

Fig. 6- Esquema de observación Stop and Go (Cinemático con paradas)

Como se tomaban dos sesiones de datos, mañana y tarde los ficheros se nombraron con el número de orden de día de observación, es decir de “dia1” a “dia13”, seguido de una “m” o una “t” según la sesión fuera de mañana o de tarde respectivamente.

El punto a observar y su identificador estaba perfectamente determinado en los trabajos previos realizados con anterioridad. No obstante en alguna ocasión se observó erróneamente algún punto por lo que se realizó una nueva observación de ese punto.

En cuanto a la altura de la antena, que había que introducir en la libreta durante la observación, sólo había dos posibilidades. Cuando la antena va montada en el techo del vehículo la altura de esta sobre el suelo era de 2 metros y cuando estaba montada sobre jalón para desplazamientos a pie la altura de la antena era de 1.80 metros.



### **4.3 Procesamiento de líneas base.**

A partir de las observaciones de campo recopiladas en el receptor móvil y de las observaciones de la estación de referencia se determinan las líneas bases entre cada punto observado y la estación de referencia. Previamente fue necesario depurar ciertos datos de campo, pues había puntos como se ha comentado en el apartado anterior que subsanar una serie de datos no introducidos correctamente en la fase anterior como eran las alturas de antena o los identificadores de los puntos del perfil, algunos de los cuales estaban repetidos.

Ciertos problemas informáticos en la Consejería de Agricultura en Mérida produjeron que la estación de referencia no tomara datos durante tres días de la observación. Por lo que se decidió adquirir todos los datos necesarios del receptor de la empresa ATICSA en la ciudad de Badajoz. Los datos facilitados por la estación de referencia estaban en formato RINEX. A partir de esta estación se determinaron las líneas base desde Badajoz hasta cada uno de los puntos. Las desviaciones estándar obtenidas se encontraban alrededor de 0.5 m por debajo de la precisión requerida del metro, tanto en coordenadas planimétricas como altimétricas. Conociendo las coordenadas geográficas de la estación de ATICSA se obtiene directamente las coordenadas de los puntos del perfil. Estas coordenadas que se obtiene son coordenadas geográficas referidas a elipsoide GWS84 y la cota es elipsoidal es decir medidas a partir y perpendicularmente al elipsoide.

### **4.4 Transformación de coordenadas.**

En esta fase las coordenadas obtenidas en la fase anterior deben referirse al sistema de coordenadas oficial y las cotas deben referirse al nivel del mar y no al elipsoide. Las coordenadas referidas al elipsoide GWS84 (el elipsoide del G.P.S.) se transforman en coordenadas U.T.M. referidas al elipsoide de Hayford y cotas referidas al nivel del mar.

Tal vez este es el tema que mayor confusión e interrogantes plantea entre los usuarios del sistema GPS. Aunque este tipo de trabajo no requiere mucha precisión, el no tener en cuenta este concepto puede significar un riesgo. Con un conocimiento claro de la realidad y de la precisión requerida hará que no se utilice el método ni por encima ni por debajo de sus posibilidades.

Los sistemas de coordenadas que se utilizan son:

Fig. 7- Esquema con el sistema de coordenadas

WGS84. Sistema utilizado en técnicas GPS. Es un sistema cartesiano tridimensional con un elipsoide asociado, situado geocéntricamente y orientado convenientemente, por lo que las coordenadas x, y, z se transforman en latitud, longitud y altitud elipsoidal y con un modelo de ondulación del Geoide se obtiene la altitud referida al nivel medio del mar.

ED50. Sistema local europeo utilizado para la cartografía oficial de la Península y Baleares, asociado al Datum Munich y elipsoide Internacional que responde a un ajuste bidimensional de las redes europeas y para la reducción de observaciones se utilizaron altitudes ortométricas H. Posteriormente se obtienen aproximaciones al modelo de ondulación del Geoide.

En la actualidad funcionan los dos sistemas: el sistema GPS y el sistema local.¿Qué sistema utilizaremos?. ¿Cuándo se procederá a la transformación de un sistema a otro?.

En general los programas informáticos de las distintas casas comerciales, incluyen la opción de trabajar con sistemas locales y entre ellos el RE50. Sin embargo es preferible trabajar en el sistema propio del GPS y así operaremos mediante la captura de datos y procesamiento de los mismos y sólo al final será el momento de pasar al sistema de la cartografía oficial RE50.

Da lo mismo utilizar coordenadas geodésicas o coordenadas UTM, sin embargo es necesario conocer las coordenadas WGS84 de las estaciones de referencia y si no se conocen es necesario transformarlas previamente del sistema RE50 al sistema GWS84.

A continuación se realiza el paso al sistema de coordenadas en RE50, tras hacer la oportuna transformación de coordenadas y paso a coordenadas UTM.

Fig. 8- Esquema parámetros de transformación]

Los 7 parámetros de esta transformación (3 traslaciones, 3 giros y el factor de escala) son los siguientes:

dx: 125.2252

dy: -219.8684

dz: 44.4145

Rx: 6.008610

Ry: 2.689280

Rz: -8.845540

FE: 2.3252

## 5 Resultados.

En el anejo correspondiente aparecen los listados de coordenadas U.T.M. en el Huso 29, que es donde se ubican la mayor parte de los puntos del perfil.

El elipsoide tomado de referencia a la hora de realizar los cálculos ha sido el INTERNACIONAL o de HAYFORD, estando las altitudes referidas al nivel del mar, en Alicante.

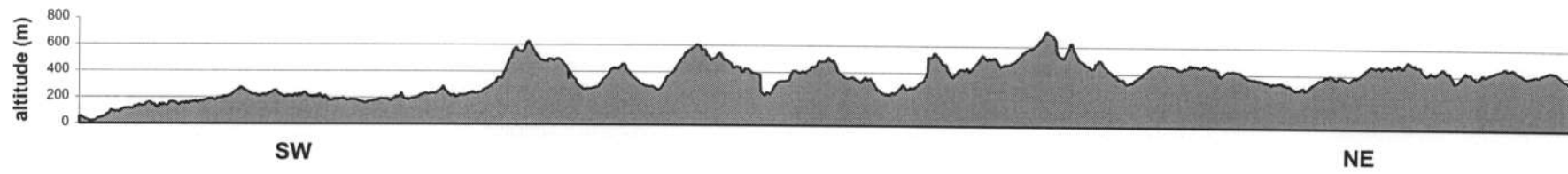
Se realizó una comprobación de los datos comparando las coordenadas obtenidas de ciertos puntos que coincidían con detalles perfectamente definidos en la cartografía Oficial no encontrándose errores groseros.

El método de trabajo en campo fue aceptable por su productividad ya que se recorrieron una media de unos 28 kilómetros por jornada completa y se tomaron una media de unos 300 puntos diarios.

## **Anexos**

A continuación aparece el listado de coordenadas en formato Excell, donde la primera columna corresponde al número de punto, la segunda a la coordenada, X, la tercera a la coordenada Y y la cuarta a la coordenada Z.

# IBERSEIS: topographic profile



Nº estación	X	Y	Z
1	647346,809	4123017,284	51,669
6	647402,927	4123180,908	54,495
8	647410,963	4123250,178	55,282
10	647408,709	4123320,025	55,069
17	647397,878	4123563,569	55,187
20	647419,195	4123664,711	54,425
22	647456,428	4123723,986	52,901
26	647545,749	4123828,925	47,649
28	647573,747	4123892,834	45,164
29	647580,858	4123926,335	44,478
30	647584,843	4123961,918	43,161
34	647594,200	4124100,628	41,479
38	647572,481	4124237,894	38,813
40	647544,065	4124306,055	37,598
42	647509,485	4124362,978	37,813
50	647333,763	4124576,486	35,239
52	647290,569	4124631,466	32,793
54	647251,390	4124689,134	31,274
57	647198,705	4124779,908	29,180
59	647175,094	4124844,694	28,588
60	647169,044	4124879,220	28,055
63	647158,032	4124982,352	27,485
64	647152,078	4125017,850	27,087
65	647142,823	4125050,353	26,221
67	647110,686	4125111,940	24,449
70	647051,524	4125200,838	21,145
72	647029,127	4125265,991	19,949
75	647030,888	4125369,729	21,025
76	647042,074	4125405,148	21,092
78	647075,379	4125465,713	20,710
80	647115,046	4125523,916	20,785
81	647132,443	4125554,306	21,022
82	647145,317	4125586,817	21,815
85	647165,960	4125688,379	21,797
86	647168,396	4125723,212	21,486
88	647155,707	4125790,566	22,408
89	647142,745	4125824,345	22,343
90	647127,097	4125855,463	21,457
92	647095,285	4125917,712	22,138
94	647073,535	4125983,326	22,894
100	647050,924	4126190,825	27,542
107	647029,788	4126434,521	30,268
109	647032,728	4126503,495	32,173
110	647035,747	4126539,081	33,640
120	647065,444	4126886,233	42,231
122	647072,634	4126955,726	42,102
124	647090,032	4127021,607	42,703
127	647127,371	4127120,303	44,244
129	647137,017	4127189,183	42,846
130	647136,367	4127223,396	41,821
135	647126,821	4127397,976	38,833
140	647117,918	4127571,681	42,460
142	647118,276	4127641,606	44,280
143	647121,735	4127676,339	45,253
150	647155,145	4127918,044	51,232
152	647163,774	4127987,502	52,305
154	647164,795	4128056,222	52,539
155	647161,495	4128090,963	51,839
160	647139,994	4128264,479	51,927
163	647126,691	4128367,931	52,693

Datos GPS diferencial  
**IBERSEIS**  
 coordenadas UTM en el Huso 29  
 elipsoide de Hayford

*Fichero UTM(29) y .xls*

165	647114,062	4128435,853	54,850
166	647101,289	4128469,368	55,958
168	647066,105	4128528,508	57,869
170	647026,860	4128585,840	59,949
180	646829,685	4128873,260	71,313
182	646791,834	4128930,404	73,384
183	646775,315	4128962,426	72,103
185	646766,011	4129029,656	73,370
189	646799,291	4129163,100	73,819
192	646822,358	4129267,825	75,417
194	646827,520	4129339,120	79,650
195	646829,384	4129374,495	81,982
198	646855,792	4129477,501	83,717
234	646893,406	4130727,213	98,697
237	646888,126	4130832,512	99,610
240	646882,998	4130937,411	104,869
243	646878,164	4131041,274	105,013
248	646869,578	4131214,092	100,491
250	646866,245	4131284,392	99,497
256	646856,350	4131492,950	99,423
257	646854,358	4131526,925	100,092
260	646849,478	4131630,823	97,862
263	646844,646	4131735,048	93,256
265	646841,239	4131803,992	93,367
268	646835,993	4131909,246	91,276
270	646832,882	4131978,225	89,068
272	646829,501	4132047,278	87,738
275	646824,743	4132150,750	91,848
277	646821,686	4132219,859	92,011
280	646817,073	4132324,416	97,100
281	646818,387	4132359,895	97,433
288	646836,079	4132602,967	87,148
290	646842,458	4132671,726	88,077
292	646842,607	4132741,300	88,914
294	646837,415	4132810,970	90,100
296	646825,315	4132879,334	90,569
300	646801,664	4133016,332	97,052
304	646778,647	4133152,819	104,479
307	646773,080	4133257,309	104,842
309	646769,873	4133327,033	102,567
310	646768,041	4133362,182	102,585
315	646760,405	4133534,101	109,750
320	646752,351	4133709,123	109,679
323	646747,712	4133813,983	114,190
325	646744,483	4133883,827	113,846
326	646742,911	4133918,470	112,913
329	646737,571	4134021,952	112,693
330	646736,217	4134056,225	113,984
332	646732,937	4134126,376	116,817
335	646728,419	4134230,411	117,386
338	646723,291	4134334,870	120,488
339	646721,478	4134370,159	120,101
340	646720,192	4134404,096	118,473
341	646715,653	4134475,785	115,382
344	646712,139	4134544,504	115,350
348	646705,141	4134684,288	121,996
350	646702,004	4134753,698	119,401
352	646698,701	4134823,015	115,944
353	646696,769	4134867,106	115,631
357	646690,512	4134996,814	121,054
358	646688,787	4135031,127	121,019

360	646685,270	4135100,965	116,695
363	646680,295	4135205,077	116,176
365	646676,971	4135273,907	114,039
370	646668,785	4135448,240	114,110
373	646663,692	4135552,643	115,507
380	646651,774	4135795,974	111,840
384	646644,902	4135935,587	117,107
386	646641,578	4136004,344	117,708 *
390	646634,894	4136142,816	124,770
394	646628,101	4136281,258	135,093
396	646624,786	4136351,387	136,406
400	646618,171	4136491,162	131,449
402	646614,968	4136560,261	132,037
405	646609,821	4136664,639	132,386
407	646606,261	4136734,240	129,679
409	646602,520	4136804,786	130,271
410	646601,033	4136838,304	131,502
411	646599,294	4136873,270	132,908
417	646589,177	4137082,029	140,015
420	646583,976	4137185,623	142,392
422	646580,504	4137257,683	144,647
424	646577,086	4137325,406	142,650
426	646573,569	4137395,899	144,970
428	646570,135	4137464,416	143,891
430	646566,926	4137529,980	136,627
435	646558,388	4137706,666	135,573
438	646553,322	4137810,634	131,459
443	646544,583	4137984,055	135,666
447	646537,638	4138121,576	139,228
450	646532,595	4138226,453	135,289
455	646523,675	4138400,095	138,816
460	646515,670	4138574,699	142,740
461	646513,289	4138608,857	143,313
462	646508,945	4138643,275	142,949
465	646490,117	4138746,234	140,000
470	646456,796	4138916,646	143,184
480	646517,935	4139179,734	153,846
482	646524,199	4139248,553	152,709
484	646516,539	4139323,131	158,776
485	646526,025	4139354,530	154,546
488	646511,407	4139458,552	156,052
491	646494,582	4139559,956	164,308
492	646483,204	4139596,265	163,341
493	646456,025	4139618,394	162,639
494	646429,832	4139640,217	163,115
495	646404,931	4139664,156	163,973
496	646385,207	4139695,507	160,948
498	646352,413	4139756,978	159,409
500	646328,439	4139819,040	160,190
501	646327,294	4139854,956	160,294
502	646340,725	4139886,367	159,282
510	646472,087	4140133,139	145,544
513	646520,769	4140225,502	143,295
515	646553,624	4140287,834	147,358
518	646602,571	4140380,117	147,918
520	646635,521	4140441,443	149,970
521	646651,835	4140471,980	151,041
526	646733,051	4140626,402	144,091
530	646797,178	4140750,677	134,494
534	646862,366	4140873,151	125,210
535	646878,024	4140903,663	124,914

538	646927,397	4140994,731	132,727
539	646944,056	4141025,916	133,762
540	646960,656	4141056,293	132,019
546	647059,362	4141239,921	120,608
550	647124,613	4141362,033	121,834
560	647288,221	4141669,538	128,340
565	647370,310	4141822,642	131,956
570	647452,617	4141975,359	146,101
572	647486,852	4142035,384	151,350
574	647521,492	4142095,991	151,882
576	647556,081	4142156,505	149,462
580	647625,856	4142276,667	139,050
584	647697,450	4142395,987	139,229
585	647707,773	4142429,263	141,197
586	647694,290	4142461,430	141,790
590	647638,594	4142588,011	150,144
592	647612,305	4142653,103	154,246
593	647613,136	4142686,111	152,878
594	647630,789	4142716,569	151,114
599	647710,375	4142870,107	145,999
600	647731,575	4142898,696	145,083
601	647758,773	4142919,533	143,735
605	647871,261	4143000,430	139,826
606	647897,440	4143022,221	138,456
610	647998,672	4143118,352	137,031
611	648023,323	4143142,354	137,278
612	648048,571	4143166,395	139,523
613	648073,526	4143190,270	141,298
617	648173,961	4143285,626	144,682
620	648249,444	4143356,931	152,724
621	648275,219	4143381,208	154,186
625	648375,565	4143474,916	165,203
626	648402,022	4143497,915	166,324
627	648431,964	4143514,535	165,867
630	648521,872	4143563,238	164,074
634	648644,077	4143629,010	161,600
636	648705,677	4143662,596	165,168
639	648796,668	4143711,438	167,640
640	648827,806	4143727,564	168,351
643	648920,177	4143776,775	168,475
644	648943,246	4143801,435	168,509
645	648956,870	4143833,987	167,915
648	648995,394	4143932,240	164,565
650	649020,263	4143996,260	163,470
654	649070,785	4144124,581	164,082
655	649082,053	4144158,624	163,557
656	649087,197	4144193,364	163,679
659	649095,899	4144296,756	157,284
660	649104,244	4144329,804	155,475
661	649133,603	4144341,943	155,589
663	649202,911	4144349,146	151,190
664	649224,809	4144375,657	148,470
665	649248,450	4144399,485	146,516
666	649282,700	4144406,793	145,719
667	649315,299	4144419,482	144,430
670	649407,606	4144466,498	142,154
673	649500,886	4144511,453	142,698
679	649686,004	4144604,138	153,914
680	649717,077	4144619,776	157,024
683	649810,577	4144665,636	158,964
684	649841,357	4144681,501	159,610



685	649865,656	4144706,866	159,650
689	649932,960	4144828,637	160,900
690	649948,835	4144859,215	160,783
693	649987,455	4144956,047	154,603
696	650025,696	4145052,706	160,653
697	650038,628	4145084,508	160,725
700	650076,162	4145179,927	154,121
701	650088,406	4145212,394	153,301
704	650126,722	4145309,647	159,875
705	650139,319	4145342,102	160,860
708	650177,227	4145439,232	167,639
710	650203,465	4145504,656	164,616
713	650241,835	4145600,107	157,801
714	650254,726	4145633,378	156,056
718	650305,102	4145762,194	150,089
719	650318,339	4145795,294	150,489
720	650330,541	4145827,169	152,932
722	650355,856	4145891,710	158,293
728	650433,148	4146085,714	168,601
729	650445,395	4146117,281	167,423
730	650457,905	4146150,035	165,227
732	650484,084	4146214,900	166,863
735	650522,029	4146311,548	168,252
737	650547,033	4146376,490	164,107
738	650560,047	4146409,165	164,603
740	650585,390	4146473,000	168,608
742	650611,486	4146538,649	172,680
744	650637,525	4146602,097	173,234
746	650662,346	4146666,950	170,615
747	650675,318	4146699,005	170,502
749	650700,160	4146764,319	168,804
750	650712,784	4146796,180	170,462
752	650738,599	4146860,301	175,328
753	650751,203	4146892,595	175,644
758	650815,240	4147054,916	163,739
760	650840,483	4147119,741	162,356
764	650891,224	4147248,862	161,981
765	650904,295	4147281,437	162,830
767	650929,599	4147345,652	166,855
768	650942,277	4147378,338	168,108
770	650967,960	4147441,882	168,216
771	650981,255	4147474,655	169,448
775	651033,037	4147603,686	172,690
777	651058,630	4147668,383	173,572
780	651097,081	4147766,033	171,520
783	651135,823	4147862,978	177,161
784	651148,482	4147894,610	176,280
786	651173,742	4147959,063	171,615
789	651212,737	4148056,162	173,037
790	651225,158	4148088,615	173,596
792	651250,470	4148153,896	173,721
793	651262,973	4148185,459	173,796
795	651288,388	4148250,671	176,909
796	651300,736	4148282,442	177,922
800	651352,234	4148411,748	179,473
802	651378,053	4148476,540	180,497
804	651403,504	4148540,779	181,486
806	651429,199	4148605,860	183,803
810	651479,943	4148735,025	183,825
815	651543,824	4148897,195	185,833
819	651594,957	4149027,287	189,784

820	651607,637	4149059,270	189,500
822	651632,922	4149123,809	187,765
824	651659,014	4149188,955	188,792
827	651697,241	4149285,016	189,938
828	651709,547	4149317,181	189,890
830	651734,762	4149382,978	189,256
832	651760,353	4149447,194	191,659
834	651785,220	4149511,821	193,753
835	651798,344	4149544,711	194,078
838	651836,828	4149641,658	190,543
840	651863,015	4149704,183	190,826
841	651875,155	4149736,522	190,849
844	651913,365	4149834,281	188,831
845	651926,932	4149867,761	186,283
848	651964,863	4149963,288	180,004
850	651990,643	4150029,253	180,039
854	652041,919	4150159,050	180,300
858	652093,218	4150288,360	180,922
860	652117,966	4150352,519	181,402
863	652156,806	4150450,002	182,627
866	652194,781	4150546,288	185,316
868	652220,168	4150611,656	186,778
870	652244,852	4150676,880	191,102
873	652282,672	4150773,718	194,879
875	652308,110	4150839,088	196,631
877	652334,151	4150903,639	198,864
878	652346,502	4150935,737	198,792
880	652373,194	4151000,911	196,817
881	652382,926	4151033,886	197,272
882	652390,992	4151066,796	198,080
883	652399,331	4151100,367	197,669
884	652407,582	4151134,396	196,316
885	652416,210	4151169,142	195,521
890	652457,322	4151334,065	196,259
892	652473,954	4151401,539	197,270
893	652498,181	4151426,727	198,013
894	652524,136	4151448,134	200,765
897	652628,018	4151467,043	202,900
898	652662,740	4151470,343	203,789
899	652697,772	4151469,356	204,496
900	652731,302	4151464,733	205,522
903	652834,887	4151445,256	205,059
905	652903,402	4151433,499	203,687
906	652938,397	4151431,226	203,950
909	653031,737	4151445,801	204,965
910	653076,715	4151451,086	205,884
911	653111,236	4151450,941	207,206
912	653145,866	4151446,398	208,065
914	653214,632	4151431,057	208,193
915	653227,986	4151475,304	209,899
916	653218,249	4151509,160	210,751
917	653215,199	4151543,592	210,987
918	653215,684	4151578,783	212,163
919	653219,050	4151613,505	212,654
920	653227,627	4151647,495	212,653
925	653267,657	4151817,103	215,810
930	653309,494	4151986,424	219,255
933	653334,864	4152087,969	221,403
935	653351,704	4152154,752	222,479
940	653394,741	4152324,316	223,196
942	653410,393	4152391,871	224,719

947	653451,447	4152560,193	233,921
948	653456,805	4152594,750	236,279
949	653458,275	4152630,476	238,575
950	653454,605	4152666,107	241,870
951	653444,768	4152700,557	243,901
952	653429,248	4152732,207	245,411
953	653410,571	4152760,812	247,730
956	653350,401	4152846,047	252,128
958	653311,462	4152904,588	252,993
959	653293,743	4152933,697	253,129
960	653278,527	4152964,132	254,339
961	653264,772	4152997,165	256,250
962	653252,062	4153029,648	255,463
967	653196,725	4153194,155	258,712
970	653164,659	4153293,321	265,729
973	653131,373	4153392,167	271,872
974	653129,098	4153426,439	273,904
975	653139,732	4153459,419	275,386
976	653155,696	4153490,421	274,596
977	653174,868	4153518,983	271,848
978	653189,341	4153549,895	270,294
980	653215,683	4153614,044	265,862
982	653243,214	4153678,004	263,609
983	653262,368	4153706,500	261,992
984	653288,238	4153731,059	260,013
985	653316,834	4153750,708	258,517
988	653404,333	4153806,570	255,082
990	653463,046	4153844,123	252,014
991	653491,792	4153863,972	250,474
992	653517,012	4153888,425	248,472
994	653556,419	4153944,681	245,053
995	653579,599	4153971,232	243,708
996	653606,133	4153993,200	241,993
998	653663,980	4154032,330	239,565
999	653691,227	4154053,751	239,192
1000	653714,490	4154081,665	238,665
1001	653733,750	4154109,027	238,113
1003	653775,669	4154166,550	237,227
1010	653916,737	4154364,488	230,077
1011	653936,455	4154393,101	229,067
1012	653956,173	4154421,952	227,392
1013	653972,220	4154452,373	225,784
1014	653982,187	4154485,635	223,959
1015	653986,502	4154519,937	222,564
1017	653994,188	4154589,662	222,004
1018	654006,176	4154621,567	222,028
1019	654029,073	4154647,889	221,889
1020	654053,503	4154672,009	221,307
1021	654078,002	4154696,767	220,738
1022	654105,285	4154717,290	221,226
1023	654136,287	4154733,273	221,945
1024	654166,699	4154751,337	222,403
1025	654191,486	4154775,764	221,436
1029	654283,334	4154880,302	218,849
1030	654299,022	4154910,642	218,037
1035	654368,091	4155069,814	215,276
1036	654384,736	4155101,337	213,678
1037	654405,324	4155129,546	214,296
1038	654427,007	4155155,100	213,582
1039	654450,153	4155181,598	213,391
1040	654473,975	4155206,612	212,691

1043	654550,157	4155278,119	212,324
1044	654577,494	4155298,796	211,664
1046	654634,730	4155338,927	211,450
1047	654652,560	4155368,861	211,628
1049	654669,884	4155435,296	212,580
1050	654678,685	4155469,254	212,055
1054	654713,128	4155603,831	215,651
1055	654725,163	4155636,593	217,624
1056	654744,172	4155665,264	218,704
1057	654769,216	4155688,972	220,269
1058	654796,419	4155709,980	221,868
1059	654822,062	4155736,719	222,615
1060	654834,725	4155766,635	221,514
1062	654856,867	4155833,565	218,934
1064	654879,114	4155900,119	214,143
1067	654910,889	4155998,188	213,925
1070	654944,621	4156096,059	217,299
1073	654990,045	4156191,427	218,054
1074	655007,517	4156220,764	219,846
1075	655034,704	4156242,984	220,641
1078	655119,550	4156299,183	221,615
1080	655179,727	4156337,915	226,593
1082	655238,362	4156375,079	230,271
1083	655261,806	4156401,433	231,221
1084	655275,714	4156432,855	231,664
1088	655321,243	4156564,286	233,755
1089	655326,291	4156598,679	233,664
1090	655327,793	4156632,581	233,661
1091	655329,246	4156667,827	234,122
1092	655335,161	4156702,517	234,409
1093	655346,624	4156733,943	235,314
1096	655401,364	4156823,819	240,757
1097	655409,471	4156858,092	244,391
1098	655408,019	4156893,153	246,237
1099	655398,110	4156926,830	248,624
1100	655375,986	4156952,845	249,774
1101	655346,755	4156973,444	250,762
1103	655320,956	4157032,839	253,257
1105	655322,712	4157103,220	253,573
1106	655315,785	4157137,541	253,334
1107	655307,320	4157170,928	251,329
1110	655307,159	4157274,942	243,511
1113	655309,240	4157379,297	237,470
1119	655371,621	4157578,405	235,558
1120	655370,432	4157613,367	234,053
1124	655327,174	4157745,071	229,076
1125	655313,910	4157777,823	228,007
1127	655279,460	4157836,662	224,930
1128	655259,660	4157864,587	223,566
1129	655236,113	4157889,715	222,861
1130	655211,466	4157912,211	221,558
1133	655139,621	4157986,479	219,146
1135	655111,016	4158049,475	219,192
1137	655104,086	4158116,363	216,475
1140	655136,383	4158214,725	214,364
1141	655148,891	4158246,723	213,621
1142	655167,456	4158276,634	214,109
1145	655225,869	4158362,880	212,775
1146	655238,130	4158394,868	213,047
1147	655232,288	4158429,278	213,562
1150	655195,958	4158525,544	207,007

1153	655160,971	4158623,207	203,371
1154	655156,778	4158658,803	203,729
1155	655163,629	4158693,375	205,780
1156	655179,050	4158724,387	206,930
1160	655251,581	4158842,792	211,204
1161	655270,478	4158871,638	212,745
1163	655316,313	4158924,744	215,819
1165	655356,229	4158980,902	216,266
1168	655405,297	4159072,822	213,879
1170	655437,007	4159135,674	212,639
1171	655448,113	4159169,357	211,839
1172	655448,649	4159203,252	209,916
1173	655447,072	4159236,151	212,656
1174	655442,176	4159271,298	212,544
1175	655427,633	4159302,478	212,700
1178	655373,989	4159392,627	210,876
1179	655353,632	4159421,028	210,519
1180	655327,333	4159443,373	209,507
1183	655243,549	4159503,583	209,287
1184	655219,218	4159529,477	209,858
1185	655205,122	4159561,448	209,905
1186	655200,348	4159595,885	209,169
1190	655207,434	4159735,100	208,433
1198	655219,910	4160013,973	220,906
1199	655219,382	4160049,402	223,773
1200	655207,996	4160082,500	222,718
1202	655180,919	4160146,681	217,614
1203	655171,580	4160180,667	214,951
1204	655170,601	4160214,680	213,020
1205	655177,776	4160248,317	212,301
1206	655190,527	4160282,018	213,015
1210	655255,586	4160405,103	217,954
1213	655284,547	4160505,512	222,949
1214	655291,441	4160541,117	224,884
1215	655294,334	4160574,901	224,611
1216	655291,771	4160609,307	222,372
1218	655297,987	4160679,486	217,772
1220	655294,182	4160749,195	213,453
1222	655285,878	4160817,909	211,217
1230	655213,263	4161086,992	221,032
1231	655203,430	4161121,408	222,845
1232	655188,608	4161151,605	225,094
1234	655150,359	4161209,831	229,514
1235	655136,342	4161242,187	231,529
1236	655133,483	4161277,481	233,567
1238	655134,972	4161345,853	237,205
1239	655128,817	4161380,772	238,959
1240	655121,549	4161414,334	238,092
1244	655138,602	4161552,401	231,100
1245	655135,703	4161587,443	229,576
1246	655125,665	4161621,123	227,223
1250	655082,515	4161753,207	220,530
1254	655039,442	4161886,002	218,996
1259	654984,700	4162052,330	216,144
1260	654974,926	4162086,718	215,753
1261	654970,122	4162120,360	214,887
1263	654963,362	4162189,302	213,523
1265	654956,900	4162259,412	211,970
1267	654950,405	4162328,197	209,303
1268	654947,607	4162363,396	207,645
1270	654942,434	4162431,907	207,131

1272	654936,778	4162501,614	208,332
1273	654933,536	4162537,096	208,180
1274	654930,483	4162570,830	210,142
1275	654917,600	4162603,901	212,171
1278	654852,772	4162685,093	208,129
1280	654808,977	4162738,735	207,074
1281	654785,543	4162766,489	206,033
1282	654772,887	4162796,379	205,603
1284	654774,561	4162870,248	207,592
1286	654812,623	4162932,895	207,892
1288	654814,436	4163001,224	211,975
1290	654820,443	4163072,169	214,545
1292	654833,256	4163137,536	209,871
1294	654794,608	4163193,859	204,701
1296	654760,073	4163251,691	204,271
1298	654768,929	4163321,750	207,293
1300	654773,896	4163396,361	210,664
1302	654778,002	4163480,693	212,504
1304	654772,752	4163542,935	215,461
1306	654777,993	4163597,675	218,551
1308	654781,777	4163672,047	224,795
1309	654779,820	4163704,258	224,256
1310	654778,633	4163739,005	219,911
1312	654816,011	4163816,396	210,662
1314	654842,592	4163873,312	209,246
1316	654858,915	4163942,959	205,975
1318	654862,318	4164018,002	203,742
1320	654868,968	4164076,086	201,596
1322	654884,621	4164136,515	197,550
1324	654906,062	4164197,378	198,084
1326	654937,604	4164252,148	200,960
1328	654981,056	4164290,977	205,406
1330	655069,050	4164281,599	211,687
1332	655135,351	4164301,691	213,288
1334	655188,954	4164359,223	210,981
1336	655244,275	4164384,613	207,360
1338	655300,534	4164438,347	199,732
1340	655318,325	4164506,456	202,998
1342	655349,779	4164557,827	205,185
1344	655346,962	4164628,024	196,330
1346	655386,157	4164684,539	192,499
1348	655441,431	4164701,284	187,723
1350	655506,384	4164732,329	183,750
1352	655530,705	4164796,100	182,069
1354	655538,361	4164873,190	186,298
1356	655587,712	4164903,358	183,158
1358	655609,275	4164964,284	176,323
1360	655645,436	4165019,888	173,132
1362	655701,426	4165063,641	179,403
1364	655666,217	4165123,680	182,038
1365	655647,449	4165153,285	183,610
1366	655626,809	4165181,089	183,661
1368	655577,903	4165231,177	182,430
1370	655522,636	4165274,686	184,348
1371	655510,227	4165303,388	185,257
1374	655561,581	4165394,128	188,141
1377	655611,885	4165485,456	190,218
1379	655645,226	4165546,962	192,977
1380	655659,248	4165578,002	193,963
1382	655687,261	4165641,295	195,629
1384	655714,105	4165706,831	194,849

1390	655785,228	4165903,693	188,260
1391	655799,954	4165935,809	187,054
1392	655822,924	4165960,780	186,162
1394	655874,462	4166009,306	187,163
1395	655901,306	4166029,913	187,056
1396	655935,543	4166035,863	186,007
1400	656075,194	4166045,310	190,585
1404	656214,055	4166053,434	195,790
1405	656246,026	4166064,291	195,563
1407	656288,401	4166120,433	193,916
1409	656328,449	4166176,866	191,612
1410	656351,084	4166203,119	192,578
1411	656385,222	4166209,885	195,292
1412	656419,549	4166214,492	196,711
1413	656452,454	4166225,673	198,107
1414	656480,749	4166246,551	198,879
1416	656536,862	4166287,817	195,053
1418	656593,618	4166328,851	192,928
1420	656649,909	4166369,559	189,656
1424	656762,887	4166451,374	189,925
1425	656791,725	4166472,126	188,954
1426	656819,190	4166492,930	186,511
1427	656843,347	4166517,757	185,104
1428	656859,297	4166548,992	183,870
1429	656870,987	4166580,903	181,794
1430	656898,555	4166601,723	180,514
1431	656928,448	4166618,401	180,730
1432	656947,914	4166647,539	182,552
1433	656966,147	4166677,746	182,165
1434	656988,475	4166703,186	182,692
1435	657015,223	4166726,096	183,162
1437	657073,475	4166763,875	184,695
1438	657108,039	4166774,286	186,202
1440	657175,447	4166787,429	189,093
1441	657209,022	4166795,633	188,527
1442	657242,309	4166808,902	186,993
1444	657306,306	4166834,719	187,540
1445	657337,309	4166847,539	185,241
1448	657434,529	4166887,396	186,865
1450	657494,401	4166923,889	187,059
1454	657613,225	4166998,368	187,717
1456	657672,133	4167034,892	189,593
1459	657760,991	4167090,313	184,583
1460	657792,738	4167103,707	183,683
1465	657963,415	4167140,584	185,506
1467	658031,772	4167155,469	185,224
1468	658066,097	4167158,998	183,967
1469	658100,915	4167159,646	182,467
1470	658136,214	4167160,097	181,732
1471	658171,630	4167160,367	181,978
1472	658205,581	4167161,871	179,119
1473	658229,372	4167168,975	177,524
1474	658266,687	4167193,198	174,667
1476	658324,015	4167232,177	175,497
1478	658381,242	4167271,942	175,760
1479	658409,417	4167291,629	174,888
1480	658438,357	4167310,585	172,948
1484	658563,931	4167370,321	170,674
1485	658592,880	4167390,130	171,027
1487	658631,282	4167447,773	169,807
1488	658657,713	4167469,637	170,630

1490	658720,034	4167502,696	170,243
1492	658780,078	4167537,798	169,745
1493	658797,993	4167567,368	168,296
1497	658860,777	4167691,980	162,728
1499	658890,931	4167754,665	160,652
1500	658905,967	4167786,334	160,473
1501	658920,658	4167816,760	160,643
1502	658939,434	4167845,293	160,169
1503	658967,380	4167866,284	161,008
1510	659178,359	4167988,830	165,241
1511	659204,741	4168012,002	166,114
1512	659227,470	4168038,501	167,890
1514	659270,939	4168092,109	171,136
1515	659292,637	4168118,970	173,464
1516	659316,789	4168144,043	173,157
1520	659425,455	4168231,675	173,134
1521	659450,418	4168256,692	173,456
1523	659494,753	4168309,906	174,084
1524	659518,833	4168333,340	174,123
1525	659549,775	4168350,538	174,072
1529	659678,219	4168406,218	174,301
1530	659708,518	4168424,555	174,435
1532	659766,700	4168462,460	175,588
1533	659797,942	4168477,714	175,899
1535	659861,189	4168504,044	176,515
1536	659893,046	4168520,124	177,569
1537	659922,042	4168538,606	178,235
1540	660008,745	4168597,006	179,848
1541	660041,768	4168607,624	180,644
1542	660076,720	4168608,569	182,777
1543	660110,829	4168608,498	182,895
1545	660180,899	4168610,065	181,248
1546	660215,670	4168615,499	181,948
1547	660248,617	4168627,036	181,394
1548	660280,642	4168640,437	181,135
1549	660310,848	4168656,455	180,776
1550	660337,191	4168679,681	181,460
1552	660386,018	4168729,418	184,100
1555	660459,382	4168803,323	188,802
1556	660484,630	4168826,519	189,957
1560	660599,404	4168907,785	192,862
1561	660628,355	4168927,009	193,638
1562	660659,557	4168942,085	194,070
1564	660726,485	4168964,560	195,064
1565	660754,380	4168984,905	194,817
1567	660806,029	4169032,131	195,507
1568	660829,313	4169058,017	195,293
1570	660873,159	4169112,500	194,582
1571	660894,719	4169139,958	194,964
1574	660952,723	4169226,819	191,330
1575	660972,547	4169255,060	190,623
1576	660996,999	4169280,574	190,837
1579	661080,529	4169342,967	190,945
1580	661109,354	4169363,674	192,012
1582	661164,937	4169404,650	195,145
1583	661190,232	4169428,663	196,524
1584	661211,159	4169456,438	196,748
1585	661230,737	4169484,328	195,687
1590	661329,921	4169627,695	190,055
1593	661389,502	4169713,290	186,503
1594	661411,591	4169739,626	185,253



1595	661436,905	4169764,069	184,173
1600	661566,101	4169881,973	182,850
1602	661616,393	4169928,224	184,477
1603	661640,960	4169953,264	184,452
1610	661804,618	4170134,356	176,587
1615	661921,016	4170262,826	176,838
1616	661946,088	4170286,822	176,924
1620	662057,254	4170370,789	180,129
1628	662277,916	4170539,715	193,307
1629	662300,268	4170565,514	194,098
1630	662321,393	4170593,016	193,666
1634	662407,449	4170703,220	192,576
1639	662515,054	4170839,124	197,924
1640	662537,763	4170866,396	199,210
1641	662564,654	4170888,250	198,893
1646	662709,281	4170985,457	198,199
1650	662826,333	4171063,338	205,977
1651	662856,066	4171081,867	208,015
1652	662888,841	4171095,128	208,028
1654	662955,835	4171111,437	204,559
1655	662983,902	4171130,960	202,769
1657	663035,457	4171179,043	203,185
1660	663111,470	4171250,426	207,770
1661	663136,222	4171274,862	209,027
1662	663158,836	4171301,121	209,431
1665	663223,920	4171383,698	209,458
1668	663289,017	4171466,286	212,859
1670	663331,685	4171521,197	214,101
1674	663417,463	4171629,735	222,857
1678	663503,279	4171739,232	231,347
1679	663526,018	4171763,990	231,694
1680	663553,896	4171786,569	230,341
1690	663841,446	4171982,705	208,782
1691	663869,071	4172001,550	207,126
1692	663895,704	4172024,247	206,036
1693	663903,383	4172056,085	204,884
1697	663848,085	4172183,324	196,249
1700	663805,636	4172277,660	194,418
1702	663777,227	4172340,557	192,951
1703	663769,799	4172374,136	192,088
1704	663788,735	4172402,835	192,184
1705	663813,526	4172427,742	193,161
1707	663865,696	4172473,763	194,845
1708	663894,829	4172492,907	192,843
1710	663956,232	4172524,598	188,825
1713	664050,724	4172569,287	185,096
1714	664079,476	4172588,462	185,111
1715	664093,233	4172620,071	184,437
1719	664117,336	4172757,595	184,959
1720	664123,134	4172792,248	186,757
1723	664140,105	4172895,404	193,646
1724	664148,102	4172928,258	194,572
1725	664162,613	4172960,765	194,959
1730	664244,106	4173115,291	196,698
1731	664260,378	4173146,147	196,714
1732	664276,018	4173176,664	197,943
1733	664292,646	4173208,315	198,942
1735	664325,331	4173269,916	197,253
1737	664358,408	4173331,234	199,687
1738	664376,091	4173362,183	201,297
1739	664398,496	4173387,583	199,644

1740	664423,528	4173412,011	198,033
1741	664448,586	4173436,805	198,233
1745	664548,755	4173534,339	199,045
1748	664623,860	4173606,842	203,829
1749	664649,172	4173631,359	203,579
1750	664673,871	4173655,161	202,403
1752	664723,643	4173703,941	202,604
1754	664773,635	4173752,333	202,610
1755	664798,904	4173776,818	201,294
1760	664924,854	4173898,603	205,397
1763	664999,890	4173971,510	208,788
1765	665053,316	4174012,682	208,403
1767	665109,972	4174053,166	211,920
1769	665160,683	4174099,608	217,969
1770	665185,287	4174123,149	218,099
1773	665261,116	4174195,713	215,667
1780	665437,083	4174365,632	218,232
1781	665463,864	4174388,489	220,369
1782	665497,995	4174397,281	222,422
1783	665532,427	4174394,364	223,706
1786	665638,254	4174384,850	221,940
1787	665673,338	4174386,727	221,795
1790	665777,413	4174402,056	222,336
1794	665917,245	4174422,635	231,288
1795	665949,703	4174432,891	231,938
1800	666108,929	4174505,094	234,187
1801	666142,145	4174518,552	234,524
1802	666174,915	4174527,015	233,470
1805	666279,331	4174534,790	229,092
1807	666348,530	4174539,212	229,432
1809	666419,383	4174543,749	230,224
1810	666453,313	4174546,135	229,169
1812	666524,438	4174550,944	227,419
1813	666556,872	4174559,168	225,433
1814	666582,839	4174582,421	226,194
1817	666654,984	4174657,094	224,008
1820	666728,229	4174732,876	226,265
1828	666922,571	4174932,658	234,197
1829	666951,863	4174952,328	233,688
1830	666982,940	4174968,012	232,012
1831	667012,056	4174986,101	229,930
1832	667031,233	4175014,509	228,958
1836	667090,176	4175140,744	230,351
1837	667108,907	4175170,945	230,873
1838	667133,409	4175194,611	230,922
1839	667162,059	4175215,341	231,743
1840	667191,904	4175235,328	231,537
1841	667205,964	4175270,474	232,113
1842	667204,688	4175305,274	232,577
1843	667204,446	4175339,167	232,516
1844	667209,325	4175373,752	232,813
1845	667222,891	4175407,130	233,619
1846	667241,496	4175435,377	234,552
1850	667326,193	4175546,725	238,870
1854	667408,901	4175659,248	239,982
1860	667529,772	4175830,192	246,541
1861	667553,023	4175855,001	246,872
1862	667580,860	4175875,725	248,362
1866	667699,224	4175949,407	255,064
1867	667727,670	4175968,355	256,074
1870	667799,848	4176043,977	255,348

1871	667823,456	4176069,250	256,269
1872	667839,521	4176099,837	257,544
1876	667887,763	4176230,927	258,643
1880	667936,251	4176361,580	263,642
1883	667982,248	4176455,428	267,963
1890	668094,030	4176672,348	281,284
1892	668121,516	4176736,423	283,919
1893	668133,931	4176769,248	283,660
1895	668161,475	4176833,156	279,864
1898	668203,570	4176929,150	271,304
1900	668231,612	4176992,219	264,828
1902	668260,044	4177055,264	257,182
1903	668279,506	4177083,908	253,661
1904	668306,531	4177106,315	250,371
1905	668337,637	4177120,279	248,126
1906	668371,805	4177128,356	246,296
1909	668472,985	4177153,932	241,482
1910	668499,926	4177178,377	238,183
1911	668518,143	4177208,838	235,411
1912	668524,468	4177246,231	231,897
1914	668523,108	4177316,099	226,208
1915	668518,803	4177351,523	223,606
1916	668516,517	4177384,833	221,101
1917	668523,589	4177419,020	219,180
1918	668531,526	4177452,281	216,849
1919	668537,416	4177489,846	216,227
1920	668517,180	4177522,713	216,721
1921	668495,388	4177549,802	217,020
1923	668450,418	4177602,177	219,539
1924	668427,568	4177628,660	220,130
1925	668419,725	4177662,210	220,247
1926	668430,362	4177695,797	220,586
1927	668452,752	4177722,322	220,080
1928	668469,740	4177751,344	218,414
1930	668534,793	4177770,273	216,159
1931	668564,491	4177791,365	212,463
1932	668583,609	4177819,602	211,414
1933	668595,735	4177853,125	210,199
1935	668614,963	4177920,766	209,022
1936	668629,274	4177951,634	209,651
1937	668654,180	4177977,769	210,823
1938	668683,760	4177997,409	210,562
1940	668745,384	4178028,704	211,080
1942	668807,488	4178059,162	212,869
1943	668839,284	4178073,663	214,616
1946	668940,676	4178098,164	220,788
1947	668973,421	4178109,800	223,245
1949	669022,917	4178157,715	224,115
1950	669043,195	4178184,226	223,796
1954	669102,618	4178310,989	217,840
1955	669111,431	4178343,679	216,944
1958	669115,554	4178448,502	218,689
1959	669123,718	4178483,808	220,485
1960	669138,081	4178514,789	221,072
1961	669155,352	4178546,198	221,368
1962	669176,221	4178574,226	221,281
1963	669201,904	4178596,004	220,727
1964	669228,884	4178616,563	220,684
1965	669248,635	4178641,944	219,126
1966	669260,734	4178678,297	217,246
1967	669265,020	4178713,055	217,013

1968	669283,449	4178743,392	218,228
1969	669297,674	4178775,728	220,846
1970	669304,548	4178810,736	222,352
1975	669340,602	4178984,438	231,191
1976	669343,782	4179014,662	232,176
1980	669334,883	4179159,134	230,345
1990	669311,710	4179511,327	231,375
1997	669296,853	4179757,476	228,829
2000	669291,381	4179863,321	230,814
2004	669282,496	4180004,462	228,617
2008	669275,607	4180146,770	234,994
2010	669271,073	4180218,251	237,018
2020	669246,394	4180581,598	236,407
2022	669241,986	4180651,526	237,420
2024	669226,299	4180720,352	239,573
2026	669191,902	4180781,591	241,601
2027	669179,882	4180813,941	242,856
2030	669187,989	4180918,968	244,262
2034	669202,241	4181059,146	242,843
2040	669227,004	4181268,208	232,785
2042	669234,088	4181338,628	230,558
2047	669251,343	4181513,115	233,466
2050	669270,321	4181617,692	233,937
2052	669284,910	4181686,020	233,067
2054	669313,723	4181749,753	232,605
2058	669376,139	4181874,815	234,070
2060	669396,161	4181941,536	233,911
2066	669447,213	4182144,337	234,264
2069	669450,631	4182250,099	235,134
2070	669459,964	4182282,929	235,887
2074	669508,705	4182414,122	237,955
2075	669524,094	4182445,263	237,951
2080	669622,662	4182589,845	237,958
2081	669642,139	4182618,352	237,602
2082	669651,532	4182651,814	237,880
2087	669600,862	4182820,195	241,150
2090	669613,652	4182923,416	242,332
2092	669621,666	4182993,128	244,295
2096	669599,421	4183130,484	247,514
2097	669591,041	4183164,138	247,580
2100	669568,295	4183267,372	249,740
2104	669566,799	4183406,605	254,433
2110	669614,097	4183611,787	259,172
2113	669634,564	4183714,328	262,024
2115	669661,466	4183778,321	265,471
2117	669696,395	4183838,738	265,461
2120	669772,619	4183910,698	263,936
2123	669849,461	4183983,079	266,803
2126	669899,394	4184079,688	268,107
2130	669966,833	4184197,063	272,165
2133	670028,670	4184283,822	270,907
2136	670051,069	4184383,049	268,305
2140	670021,107	4184520,015	271,244
2144	670007,361	4184658,439	273,819
2148	670023,228	4184795,368	277,739
2150	670037,827	4184865,299	279,828
2156	669947,422	4185052,670	283,469
2158	669931,260	4185120,480	282,173
2160	669940,188	4185189,927	285,245
2168	669961,372	4185468,781	290,369
2170	669974,826	4185537,455	292,971

2173	669987,150	4185641,799	296,227
2176	669964,436	4185742,549	299,028
2180	669919,321	4185874,383	305,374
2181	669913,100	4185909,306	305,659
2184	669949,199	4186006,516	308,783
2188	669920,157	4186142,155	308,540
2189	669920,795	4186176,731	310,183
2190	669931,074	4186210,655	309,228
2192	669943,230	4186277,765	309,724
2194	669919,836	4186343,278	309,979
2196	669943,880	4186407,812	313,888
2200	670008,076	4186534,827	325,891
2203	670052,104	4186628,862	339,195
2205	670026,642	4186687,719	343,501
2207	669981,981	4186739,670	349,118
2208	669964,282	4186771,531	350,917
2210	669960,484	4186840,039	352,718
2212	669923,386	4186898,216	354,197
2214	669868,207	4186940,583	356,424
2217	669841,607	4187041,774	354,084
2219	669834,929	4187109,560	350,537
2220	669851,424	4187140,569	349,372
2224	669901,348	4187272,587	345,331
2228	669915,965	4187412,745	344,688
2230	669935,076	4187481,947	347,944
2232	669933,181	4187552,070	354,631
2234	669924,415	4187620,367	359,468
2236	669876,320	4187677,574	366,769
2240	669802,235	4187788,112	382,285
2242	669779,910	4187853,670	389,868
2244	669831,544	4187898,720	396,389
2246	669801,590	4187964,433	399,077
2248	669783,409	4188029,053	404,058
2250	669813,733	4188089,700	409,921
2254	669876,807	4188218,325	422,649
2257	669881,452	4188324,177	433,729
2259	669876,958	4188392,840	443,682
2260	669893,808	4188423,697	448,338
2262	669905,349	4188492,435	458,066
2264	669955,673	4188528,963	466,359
2266	670001,704	4188583,643	473,508
2270	670100,696	4188682,320	485,711
2272	670108,026	4188751,073	491,905
2274	670123,302	4188820,420	497,314
2275	670138,748	4188843,857	499,730
2276	670181,421	4188845,744	502,493
2277	670182,629	4188873,399	506,065
2280	670084,422	4188905,223	515,589
2283	670007,865	4188975,797	529,587
2285	669997,753	4189043,443	536,450
2288	670052,464	4189135,492	548,550
2290	670059,209	4189205,123	555,113
2292	670064,704	4189276,140	561,237
2294	670045,271	4189339,652	564,317
2296	670031,192	4189406,075	569,024
2298	670086,312	4189451,062	573,579
2300	670154,526	4189475,505	576,043
2302	670218,769	4189496,064	577,863
2304	670215,143	4189547,145	582,356
2307	670124,266	4189598,939	572,879
2308	670121,353	4189636,277	569,492

2310	670148,253	4189697,375	562,536
2312	670166,249	4189762,740	555,472
2314	670230,901	4189793,058	551,138
2318	670356,052	4189856,461	546,887
2320	670403,467	4189908,224	551,938
2322	670455,268	4189952,321	553,364
2324	670521,617	4189932,036	552,153
2326	670584,929	4189963,868	549,900
2328	670614,213	4190028,078	551,498
2330	670656,886	4190087,893	555,493
2333	670624,712	4190186,994	551,461
2336	670716,512	4190240,555	547,635
2340	670802,823	4190349,496	538,226
2345	670844,739	4190524,843	553,527
2348	670871,419	4190623,754	558,310
2350	670833,899	4190675,739	562,506
2352	670794,902	4190732,992	568,189
2357	670825,570	4190908,474	578,463
2360	670812,773	4191013,761	582,870
2362	670776,697	4191075,983	591,381
2367	670827,296	4191245,435	609,996
2370	670873,647	4191336,868	615,221
2372	670818,198	4191380,720	617,388
2373	670781,835	4191366,703	618,593
2374	670754,708	4191381,042	623,132
2376	670699,165	4191424,300	625,996
2378	670735,154	4191484,482	625,159
2380	670787,247	4191528,480	622,730
2383	670874,645	4191586,539	616,258
2385	670903,982	4191646,548	609,097
2389	671048,335	4191662,844	600,187
2390	671078,332	4191677,301	598,413
2392	671077,060	4191741,217	593,246
2394	671082,135	4191808,102	587,928
2396	671113,612	4191868,592	581,364
2398	671172,655	4191904,758	575,799
2400	671181,962	4191958,155	570,771
2403	671103,544	4191985,604	564,892
2405	671095,721	4192074,136	556,436
2407	671135,188	4192130,978	552,652
2409	671195,261	4192170,025	546,839
2410	671209,256	4192200,666	542,471
2412	671218,273	4192268,777	537,127
2414	671195,716	4192333,029	533,847
2416	671227,475	4192398,545	529,992
2418	671278,534	4192438,686	522,860
2420	671289,458	4192510,163	521,500
2422	671347,262	4192550,180	518,425
2424	671371,974	4192614,773	515,216
2425	671360,479	4192647,328	513,896
2427	671410,034	4192686,779	507,548
2428	671439,208	4192704,847	503,543
2430	671468,245	4192769,748	498,155
2433	671569,851	4192799,358	495,430
2434	671584,201	4192831,325	493,182
2436	671537,261	4192878,703	488,748
2437	671506,600	4192894,802	486,530
2439	671500,569	4192963,226	484,908
2440	671515,589	4192994,793	483,829
2441	671528,203	4193026,650	486,630
2443	671492,741	4193088,607	486,819

2445	671483,425	4193159,101	484,293
2447	671539,994	4193202,784	482,815
2449	671547,477	4193272,803	483,440
2450	671583,674	4193280,301	483,510
2452	671655,054	4193274,972	479,648
2454	671717,872	4193303,535	482,712
2457	671803,603	4193366,334	483,901
2460	671831,015	4193468,450	484,472
2463	671867,132	4193565,990	482,023
2464	671894,814	4193594,068	480,247
2467	671871,437	4193691,831	473,844
2470	671870,456	4193797,379	482,813
2474	671847,221	4193938,780	494,427
2476	671872,543	4194003,364	498,429
2478	671920,532	4194056,981	497,867
2479	671952,073	4194070,998	498,506
2480	671972,926	4194099,368	497,599
2483	672087,843	4194085,058	496,864
2484	672106,609	4194106,471	497,848
2485	672094,180	4194139,717	497,648
2486	672113,665	4194160,500	492,194
2490	672255,142	4194171,842	494,411
2491	672288,318	4194183,464	490,544
2494	672370,268	4194251,848	488,426
2496	672438,674	4194243,303	484,035
2499	672545,488	4194258,316	482,452
2500	672569,545	4194284,213	481,231
2502	672569,243	4194355,549	486,973
2505	672598,929	4194456,696	489,299
2506	672578,122	4194484,946	491,340
2508	672511,175	4194472,077	493,984
2510	672498,129	4194537,440	499,283
2512	672456,121	4194594,411	497,732
2513	672420,463	4194582,374	496,070
2514	672399,595	4194604,454	497,070
2515	672408,011	4194639,032	499,830
2517	672441,302	4194701,824	501,161
2519	672392,240	4194752,580	498,681
2520	672397,663	4194781,079	497,334
2522	672467,970	4194769,455	494,342
2524	672513,737	4194810,943	490,338
2525	672541,355	4194836,500	485,345
2529	672681,090	4194857,642	486,382
2530	672697,767	4194888,422	482,604
2531	672725,617	4194907,408	479,213
2532	672758,005	4194922,329	477,825
2536	672864,513	4195015,078	467,139
2537	672890,140	4195039,219	465,475
2539	672901,670	4195106,880	460,621
2540	672926,278	4195134,404	458,412
2541	672947,644	4195164,210	454,858
2544	672990,750	4195259,217	451,825
2545	673022,247	4195277,201	448,032
2546	673040,893	4195307,632	447,149
2548	673065,176	4195373,474	440,992
2550	673072,225	4195444,064	436,306
2554	673144,546	4195563,937	432,827
2557	673181,471	4195667,340	418,619
2558	673185,405	4195700,612	415,902
2560	673168,926	4195770,131	410,328
2562	673146,496	4195852,469	343,400

2564	673135,499	4195908,187	402,125
2565	673142,978	4195944,004	396,059
2567	673173,436	4196005,014	397,390
2569	673194,898	4196072,702	388,932
2570	673192,445	4196105,163	390,340
2571	673192,826	4196142,208	383,696
2574	673230,310	4196238,390	376,704
2575	673262,095	4196256,821	373,026
2577	673330,493	4196275,538	361,846
2578	673356,781	4196300,848	356,523
2579	673390,630	4196304,457	356,277
2580	673424,296	4196297,846	353,909
2581	673429,828	4196331,576	348,061
2582	673450,617	4196355,973	345,936
2583	673482,700	4196370,914	346,466
2584	673514,517	4196373,915	343,396
2585	673536,496	4196407,660	343,672
2588	673614,746	4196472,700	332,506
2590	673659,782	4196529,131	325,755
2594	673716,618	4196659,379	312,245
2596	673764,183	4196707,948	307,235
2597	673797,919	4196716,588	305,930
2598	673809,009	4196747,810	302,886
2600	673816,061	4196817,842	298,069
2602	673843,835	4196881,575	294,040
2604	673891,099	4196933,100	291,748
2605	673907,516	4196963,308	288,969
2606	673933,556	4196989,226	286,620
2607	673929,916	4197027,393	284,532
2608	673956,408	4197047,068	284,410
2610	674026,465	4197031,570	280,311
2613	674125,039	4197000,620	273,538
2615	674184,455	4196964,297	272,117
2616	674201,426	4196933,252	271,609
2618	674223,616	4196867,866	267,860
2619	674242,305	4196837,274	267,283
2620	674279,002	4196833,943	268,609
2621	674310,236	4196818,634	270,166
2623	674340,380	4196755,316	268,427
2628	674486,995	4196656,744	268,779
2629	674522,584	4196648,803	268,477
2630	674559,238	4196661,086	267,362
2632	674617,656	4196699,034	266,171
2634	674671,997	4196740,900	265,846
2636	674736,816	4196771,198	265,579
2639	674809,699	4196850,031	271,022
2640	674838,483	4196871,882	272,173
2643	674927,414	4196922,731	271,936
2644	674952,009	4196953,172	271,731
2648	675001,271	4197085,636	269,857
2650	675038,825	4197143,545	269,076
2652	675102,794	4197175,472	269,633
2656	675197,500	4197279,758	271,691
2657	675212,650	4197312,288	272,646
2660	675239,162	4197415,482	272,968
2663	675295,230	4197501,049	276,483
2666	675365,893	4197581,865	274,618
2670	675489,346	4197649,601	274,807
2674	675627,661	4197664,527	273,663
2676	675688,953	4197698,976	274,590
2678	675725,134	4197747,261	284,539



2680	675738,605	4197813,503	273,325
2683	675725,721	4197914,891	279,265
2684	675751,902	4197936,704	282,415
2687	675852,444	4197973,283	282,543
2688	675868,705	4197996,098	282,152
2689	675857,691	4198036,880	282,650
2690	675842,043	4198066,064	283,895
2695	675929,698	4198214,896	287,735
2699	676064,411	4198244,062	285,980
2700	676087,740	4198272,314	286,933
2704	676132,746	4198406,719	295,495
2707	676157,784	4198502,834	300,979
2710	676205,198	4198599,118	305,065
2714	676244,968	4198733,027	312,083
2716	676300,044	4198770,131	317,514
2717	676331,126	4198788,551	316,718
2718	676332,171	4198825,394	319,104
2720	676307,754	4198888,328	325,055
2724	676380,231	4199007,115	338,753
2728	676317,650	4199134,494	340,483
2730	676302,347	4199202,020	340,151
2733	676292,829	4199306,347	341,509
2735	676282,959	4199374,239	345,715
2738	676340,381	4199463,199	349,524
2740	676389,572	4199510,391	351,993
2742	676447,200	4199549,298	353,326
2745	676465,938	4199653,464	358,973
2747	676442,276	4199720,471	363,409
2748	676448,955	4199752,877	365,754
2750	676502,221	4199791,118	369,905
2752	676567,590	4199819,854	372,603
2757	676704,076	4199930,167	379,227
2760	676795,662	4199978,663	382,526
2761	676824,752	4200005,420	383,470
2767	676806,889	4200215,840	395,909
2769	676769,542	4200276,930	399,414
2770	676761,197	4200308,087	400,676
2774	676735,729	4200448,240	412,532
2776	676702,185	4200507,927	416,110
2779	676639,953	4200593,197	418,153
2780	676645,599	4200626,660	418,189
2781	676664,281	4200654,835	419,000
2782	676700,103	4200668,194	420,163
2787	676874,728	4200683,185	424,519
2790	676977,721	4200709,562	431,079
2792	677045,628	4200726,656	431,069
2795	677148,927	4200735,959	426,668
2799	677283,697	4200779,833	426,024
2800	677313,603	4200794,804	426,432
2803	677397,477	4200860,378	428,092
2805	677438,362	4200918,778	427,077
2807	677471,808	4200981,509	426,029
2808	677497,583	4201005,251	426,370
2810	677561,967	4201033,437	424,730
2813	677660,149	4201072,772	422,023
2818	677817,945	4201163,185	424,386
2820	677884,879	4201178,979	426,898
2822	677955,834	4201189,939	426,766
2824	678011,011	4201226,300	430,628
2826	678081,789	4201242,455	436,167
2827	678116,311	4201235,956	437,210

2830	678220,308	4201215,684	440,068
2832	678291,449	4201218,884	442,577
2834	678360,379	4201228,775	447,039
2837	678463,135	4201257,615	457,125
2838	678494,572	4201271,001	458,817
2840	678565,115	4201279,618	457,871
2842	678636,307	4201279,027	457,880
2845	678736,377	4201241,220	460,651
2847	678807,021	4201227,603	457,361
2848	678838,197	4201227,739	454,625
2849	678871,954	4201239,745	451,047
2850	678893,771	4201268,280	447,431
2852	678933,886	4201323,563	440,791
2858	679138,144	4201365,417	419,601
2860	679207,733	4201365,451	414,336
2862	679276,271	4201356,430	413,163
2865	679375,884	4201323,494	410,661
2867	679446,412	4201323,934	406,192
2868	679470,364	4201350,740	403,829
2870	679504,691	4201411,877	397,514
2872	679531,159	4201476,588	393,193
2874	679502,759	4201541,167	390,732
2875	679513,390	4201559,965	389,740
2877	679576,219	4201616,324	388,770
2879	679635,844	4201655,505	377,713
2880	679662,185	4201680,667	373,480
2881	679660,645	4201716,183	371,110
2882	679650,792	4201750,131	370,589
2883	679645,048	4201783,356	369,531
2884	679635,773	4201817,887	366,744
2888	679563,369	4201936,391	356,792
2889	679546,085	4201966,355	356,305
2890	679548,188	4201996,932	355,155
2891	679561,739	4202029,716	354,270
2892	679557,396	4202065,578	352,143
2894	679528,680	4202129,058	347,623
2897	679473,364	4202218,293	343,131
2900	679409,690	4202300,702	339,852
2902	679372,613	4202358,402	337,103
2903	679364,159	4202390,638	335,325
2905	679352,426	4202459,849	331,301
2906	679332,338	4202488,594	332,330
2909	679268,982	4202571,507	324,991
2910	679269,374	4202600,234	325,271
2914	679317,546	4202730,507	317,771
2919	679339,844	4202903,764	312,521
2920	679329,843	4202939,003	311,251
2926	679239,258	4203126,876	309,360
2929	679185,796	4203211,464	310,352
2930	679157,290	4203229,972	309,718
2931	679134,775	4203256,276	308,911
2932	679114,766	4203285,572	307,650
2933	679098,944	4203315,411	307,022
2940	679006,934	4203542,571	302,908
2941	678991,906	4203573,690	302,092
2947	678887,746	4203755,932	296,821
2949	678856,802	4203817,119	296,448
2950	678841,061	4203848,213	295,528
2956	678743,274	4204033,366	290,716
2957	678727,206	4204063,342	290,973
2960	678680,917	4204157,346	294,997

2961	678675,379	4204190,967	295,751
2962	678671,045	4204226,479	293,961
2966	678642,127	4204362,687	288,533
2968	678624,852	4204430,073	288,668
2970	678602,713	4204495,684	290,100
2971	678584,305	4204525,346	289,905
2973	678540,785	4204580,326	289,042
2977	678452,858	4204688,551	289,697
2979	678417,421	4204747,535	289,020
2980	678406,282	4204781,042	289,024
2983	678374,004	4204880,249	287,416
2984	678365,923	4204914,570	287,331
2990	678348,721	4205122,808	289,788
2991	678357,361	4205156,546	289,587
2994	678408,381	4205248,392	287,093
2995	678421,202	4205280,203	286,071
2998	678449,102	4205380,977	286,180
3000	678468,380	4205448,521	284,801
3005	678513,231	4205616,910	280,421
3006	678514,860	4205652,214	279,076
3007	678508,242	4205685,516	277,872
3010	678474,028	4205783,740	275,258
3014	678427,694	4205915,354	273,907
3017	678395,085	4206014,381	269,136
3020	678369,922	4206115,640	263,042
3022	678358,752	4206184,059	259,117
3023	678369,993	4206211,528	271,643
3026	678383,480	4206321,717	258,973
3028	678374,114	4206388,749	262,416
3030	678342,964	4206450,811	266,383
3031	678319,500	4206476,722	268,064
3032	678292,232	4206497,292	269,309
3034	678231,946	4206532,244	272,230
3036	678179,320	4206578,851	275,571
3038	678142,203	4206636,513	279,468
3040	678122,262	4206703,044	283,865
3042	678144,411	4206769,686	288,321
3044	678180,718	4206829,038	293,924
3045	678202,012	4206855,639	296,938
3050	678323,375	4206978,179	312,155
3051	678340,939	4207006,727	315,152
3053	678352,857	4207075,207	321,185
3054	678357,149	4207110,227	324,823
3055	678374,166	4207140,413	327,592
3060	678479,988	4207277,663	342,220
3062	678519,798	4207334,839	348,202
3064	678536,036	4207401,984	353,814
3065	678552,213	4207432,332	356,372
3068	678621,267	4207510,200	363,579
3069	678631,023	4207543,120	365,998
3070	678629,100	4207578,182	368,227
3071	678615,811	4207610,073	369,990
3072	678592,737	4207635,417	372,614
3074	678532,090	4207669,414	375,952
3075	678510,569	4207695,420	377,427
3076	678497,253	4207728,369	379,411
3078	678484,409	4207797,837	383,212
3080	678491,561	4207865,537	386,609
3082	678533,937	4207921,114	390,640
3083	678541,697	4207955,357	391,898
3084	678534,125	4207988,085	393,393

3085	678519,518	4208021,151	396,037
3086	678514,329	4208054,512	396,551
3088	678537,431	4208119,158	401,377
3090	678588,555	4208165,758	404,758
3092	678652,518	4208194,113	410,527
3094	678720,869	4208193,444	415,447
3097	678807,587	4208136,276	422,247
3100	678907,537	4208108,198	431,586
3102	678977,539	4208099,356	433,779
3104	679044,489	4208112,468	441,099
3107	679131,140	4208168,054	443,653
3109	679195,869	4208193,783	450,407
3110	679229,752	4208200,334	454,497
3112	679296,204	4208218,688	460,284
3113	679328,015	4208234,718	463,270
3115	679387,660	4208270,242	467,811
3118	679487,456	4208301,043	474,725
3120	679549,750	4208331,852	479,323
3123	679641,652	4208381,428	485,277
3125	679710,695	4208390,979	490,025
3128	679815,157	4208382,773	496,518
3130	679884,626	4208386,490	501,483
3131	679918,219	4208393,391	503,632
3132	679947,626	4208410,701	504,465
3134	679991,135	4208465,515	508,906
3135	680017,545	4208487,392	511,311
3137	680081,949	4208512,609	517,235
3140	680179,863	4208549,128	524,363
3142	680249,437	4208548,229	528,246
3149	680489,020	4208498,037	543,637
3150	680524,411	4208493,394	544,852
3151	680558,636	4208493,845	544,281
3153	680618,722	4208525,803	541,412
3155	680669,023	4208573,465	541,853
3158	680744,149	4208645,275	546,920
3160	680785,064	4208699,831	552,339
3163	680833,697	4208786,240	560,457
3165	680879,137	4208843,052	563,455
3166	680912,446	4208854,958	563,656
3169	681014,507	4208872,116	563,080
3170	681049,115	4208875,108	562,864
3176	681257,667	4208884,756	567,357
3177	681292,579	4208880,205	568,531
3180	681393,526	4208853,769	572,778
3182	681462,791	4208848,969	575,676
3185	681567,069	4208864,329	579,448
3186	681598,163	4208876,028	578,862
3187	681625,523	4208899,340	581,002
3188	681644,645	4208927,784	582,667
3190	681676,921	4208990,370	585,665
3192	681711,256	4209050,779	588,609
3194	681762,081	4209097,399	590,372
3200	681948,902	4209191,617	597,525
3202	682010,905	4209222,563	600,635
3205	682104,944	4209268,986	602,166
3206	682138,339	4209279,933	603,534
3208	682208,264	4209277,506	605,908
3210	682276,756	4209268,566	606,608
3211	682311,107	4209263,135	605,969
3220	682617,978	4209196,972	605,244
3221	682653,308	4209195,352	604,560

3222	682687,929	4209201,632	602,543
3224	682748,692	4209233,333	598,880
3225	682773,371	4209257,833	596,832
3228	682838,072	4209339,069	590,556
3230	682881,768	4209393,519	586,387
3237	683034,314	4209584,412	568,639
3240	683097,835	4209666,486	565,186
3243	683161,468	4209750,186	565,389
3246	683224,347	4209833,006	569,925
3248	683260,283	4209892,368	571,909
3249	683267,935	4209926,392	571,687
3250	683265,414	4209959,979	571,595
3251	683255,557	4209994,091	568,760
3252	683234,968	4210021,671	568,059
3254	683180,561	4210063,225	563,143
3255	683150,329	4210079,878	559,086
3260	682990,944	4210150,351	549,424
3267	682767,954	4210249,631	534,699
3269	682716,940	4210297,245	528,353
3270	682699,573	4210326,525	525,683
3273	682650,926	4210418,120	523,032
3277	682585,610	4210541,853	524,962
3279	682566,786	4210608,556	523,693
3280	682566,043	4210643,195	522,471
3282	682574,776	4210712,534	517,204
3288	682618,291	4210916,939	505,736
3290	682640,233	4210983,710	500,898
3296	682752,640	4211160,034	492,798
3298	682778,974	4211223,783	491,212
3300	682778,231	4211291,959	490,096
3303	682764,540	4211395,213	493,378
3305	682774,401	4211464,474	496,474
3307	682803,717	4211527,447	503,027
3308	682825,963	4211553,923	504,935
3309	682848,178	4211580,795	506,341
3310	682855,537	4211614,106	507,128
3311	682844,972	4211646,079	507,731
3312	682823,632	4211685,021	508,130
3314	682775,957	4211718,437	509,029
3315	682741,803	4211720,761	510,790
3318	682638,758	4211703,572	519,312
3320	682567,937	4211702,350	523,055
3323	682464,194	4211710,358	527,256
3325	682396,430	4211725,824	528,966
3327	682334,128	4211757,359	532,200
3328	682308,028	4211779,732	534,056
3330	682268,435	4211836,950	537,503
3334	682198,959	4211956,673	543,873
3336	682157,655	4212011,940	544,685
3340	682067,160	4212116,658	539,849
3342	682033,604	4212176,628	534,225
3344	682031,325	4212245,794	529,463
3345	682038,774	4212280,182	526,787
3348	682069,563	4212380,085	519,132
3350	682083,009	4212448,125	514,025
3352	682087,720	4212516,114	509,899
3354	682083,129	4212586,768	506,910
3357	682070,560	4212690,609	501,185
3360	682059,358	4212792,139	493,650
3364	682043,318	4212930,200	486,538
3366	682034,961	4212998,716	486,482

3370	682018,451	4213136,323	490,789
3374	682002,345	4213275,040	495,304
3376	681993,662	4213346,065	496,847
3380	681976,666	4213484,040	493,483
3386	681950,004	4213692,867	488,166
3388	681948,397	4213762,680	487,260
3390	681956,422	4213831,591	485,981
3393	681977,528	4213934,141	481,998
3395	681982,562	4214004,500	478,125
3397	681970,954	4214072,031	475,398
3400	681934,777	4214169,474	474,184
3405	681872,993	4214333,115	473,859
3407	681844,887	4214407,532	471,971
3410	681811,142	4214495,383	468,603
3420	681710,903	4214752,147	459,977
3430	681581,236	4215072,043	453,726
3437	681491,020	4215296,120	449,878
3440	681453,292	4215392,554	444,883
3446	681375,961	4215585,799	434,372
3450	681325,556	4215713,609	432,738
3460	681196,454	4216035,031	434,799
3462	681165,971	4216098,371	435,049
3464	681125,058	4216156,073	434,853
3470	680984,617	4216309,878	435,765
3480	680753,021	4216565,170	441,050
3485	680636,750	4216692,952	446,065
3486	680612,922	4216718,933	445,685
3490	680519,089	4216822,164	443,871
3500	680287,246	4217076,833	443,808
3502	680239,877	4217129,146	442,527
3509	680078,843	4217308,443	435,937
3510	680057,696	4217336,188	434,894
3512	680023,737	4217398,497	435,200
3520	679940,930	4217663,391	439,938
3524	679899,165	4217793,623	440,320
3528	679856,846	4217926,623	437,282
3530	679835,040	4217993,816	434,134
3540	679731,372	4218322,610	413,701
3544	679689,135	4218454,619	406,408
3547	679656,286	4218552,232	403,093
3550	679622,414	4218649,926	402,744
3560	679508,819	4218975,442	399,781
3569	679400,859	4219269,545	404,172
3570	679390,395	4219301,282	404,937
3571	679380,844	4219335,884	406,444
3580	679315,773	4219640,166	424,842
3582	679312,381	4219710,281	428,726
3584	679326,788	4219780,381	429,447
3585	679338,463	4219812,260	428,855
3589	679399,912	4219936,413	426,030
3590	679418,646	4219967,679	425,459
3591	679442,053	4219992,968	425,558
3592	679472,404	4220010,346	425,897
3596	679606,905	4220042,633	426,286
3598	679671,891	4220067,606	425,926
3600	679730,138	4220106,595	424,157
3603	679806,707	4220175,966	419,739
3605	679867,084	4220210,084	415,820
3607	679932,244	4220230,253	413,428
3609	680001,092	4220240,936	409,598
3610	680034,001	4220250,004	407,446

3612	680095,854	4220284,870	403,757
3614	680135,001	4220338,601	400,651
3619	680209,877	4220495,276	393,802
3620	680225,100	4220527,014	393,161
3627	680326,824	4220746,396	394,958
3629	680348,280	4220812,838	395,448
3630	680351,583	4220847,752	396,077
3632	680349,791	4220917,182	396,409
3634	680320,033	4220979,172	395,238
3636	680262,522	4221020,057	392,345
3637	680238,873	4221046,788	391,245
3638	680225,872	4221079,393	390,352
3639	680225,269	4221114,397	389,543
3640	680238,092	4221146,439	388,219
3643	680314,380	4221217,298	385,344
3644	680331,485	4221247,870	385,133
3645	680336,029	4221282,945	384,662
3646	680328,292	4221316,195	384,785
3650	680253,832	4221432,336	386,644
3654	680177,806	4221547,370	384,613
3655	680160,655	4221578,981	384,254
3656	680149,398	4221612,245	381,804
3692	680841,402	4222671,492	261,472
3694	680909,631	4222679,873	257,572
3700	681114,847	4222721,472	247,163
3702	681183,431	4222736,022	244,017
3704	681247,920	4222760,297	241,076
3705	681276,157	4222779,540	239,470
3707	681331,413	4222823,702	235,881
3709	681390,791	4222860,023	232,559
3710	681423,099	4222871,057	230,839
3712	681494,164	4222876,940	229,119
3714	681560,710	4222861,586	226,367
3717	681660,631	4222829,157	226,693
3720	681759,438	4222797,269	233,279
3724	681893,334	4222756,803	241,673
3726	681963,143	4222752,163	245,978
3728	682030,418	4222766,100	248,979
3730	682094,102	4222795,865	249,307
3732	682155,622	4222828,837	247,469
3735	682248,293	4222877,078	242,556
3737	682314,938	4222898,065	239,460
3739	682384,894	4222899,930	235,860
3740	682418,461	4222893,497	232,570
3745	682587,556	4222849,027	232,333
3746	682616,721	4222830,126	233,545
3747	682640,025	4222804,899	236,704
3749	682682,219	4222750,395	241,957
3750	682706,328	4222725,213	244,205
3755	682839,832	4222614,217	255,530
3757	682902,000	4222585,355	261,327
3760	683005,011	4222574,077	270,161
3762	683073,064	4222581,019	276,326
3764	683129,025	4222619,362	281,469
3766	683182,976	4222663,267	287,411
3767	683216,840	4222673,805	291,067
3769	683285,242	4222668,998	297,809
3770	683320,497	4222668,254	300,702
3771	683353,561	4222674,549	303,121
3773	683419,437	4222697,102	308,950
3775	683488,697	4222699,909	315,826

3776	683520,966	4222685,666	319,046
3778	683575,674	4222642,999	324,938
3779	683604,618	4222624,840	327,033
3780	683637,719	4222615,264	328,558
3782	683707,005	4222616,461	330,311
3788	683914,913	4222637,678	331,608
3790	683980,930	4222658,382	331,991
3794	684101,271	4222730,952	332,515
3796	684155,270	4222773,350	332,671
3797	684176,201	4222799,891	332,776
3798	684192,849	4222830,869	333,077
3800	684216,576	4222896,871	333,239
3802	684247,107	4222958,761	333,685
3804	684303,208	4222999,886	333,919
3805	684336,273	4223008,933	333,427
3807	684405,137	4223019,738	334,408
3809	684469,347	4223044,900	334,520
3810	684497,785	4223065,583	334,187
3811	684522,936	4223088,400	334,395
3814	684588,801	4223170,423	335,098
3816	684637,742	4223220,689	334,927
3818	684692,332	4223262,529	335,219
3820	684754,073	4223297,141	335,702
3822	684819,062	4223321,176	336,023
3824	684887,403	4223335,514	337,320
3826	684956,697	4223339,356	336,985
3828	685026,192	4223333,706	337,562
3830	685095,087	4223321,193	337,927
3832	685164,030	4223311,037	341,268
3833	685199,123	4223312,927	343,898
3840	685437,051	4223358,212	363,399
3844	685572,759	4223387,232	374,216
3847	685671,544	4223420,963	384,312
3849	685733,446	4223450,523	389,839
3850	685763,968	4223467,258	391,998
3854	685884,145	4223537,472	403,291
3856	685944,298	4223572,796	407,320
3858	686005,025	4223608,469	411,581
3860	686065,193	4223642,823	413,256
3862	686132,113	4223664,587	414,410
3864	686199,589	4223680,538	413,938
3867	686301,792	4223705,700	411,221
3870	686402,848	4223731,259	414,715
3872	686470,386	4223747,532	415,631
3878	686673,926	4223799,110	409,626
3880	686741,675	4223810,323	407,201
3881	686777,168	4223811,454	406,598
3882	686812,013	4223830,481	404,830
3883	686836,427	4223853,924	403,501
3885	686875,163	4223911,834	400,877
3887	686909,263	4223972,808	399,868
3890	686943,322	4224071,183	398,482
3893	686986,739	4224166,969	396,503
3895	686977,930	4224234,978	395,058
3896	686977,848	4224270,696	395,637
3898	686987,053	4224338,774	400,185
3900	687000,999	4224406,534	403,408
3902	687021,229	4224473,293	404,635
3904	687041,529	4224540,378	404,663
3907	687071,215	4224640,031	409,424
3908	687083,412	4224671,944	410,348



3910	687090,235	4224741,571	407,226
3912	687089,786	4224811,688	405,732
3914	687127,996	4224868,993	402,496
3916	687154,846	4224934,669	400,417
3917	687173,843	4224963,578	398,557
3919	687216,325	4225018,939	395,904
3920	687242,120	4225042,262	396,649
3923	687319,582	4225111,644	401,685
3924	687340,354	4225139,714	402,751
3929	687415,754	4225295,579	411,819
3930	687427,116	4225327,583	412,534
3931	687445,212	4225357,730	413,534
3935	687525,325	4225472,767	416,668
3937	687567,812	4225529,249	417,130
3939	687616,222	4225577,626	418,497
3940	687646,436	4225595,157	419,508
3942	687710,446	4225621,217	422,263
3944	687772,095	4225652,872	429,453
3946	687824,350	4225698,726	437,134
3948	687870,594	4225748,751	439,477
3949	687895,363	4225772,923	439,626
3950	687916,317	4225800,706	440,948
3953	687966,592	4225893,022	445,574
3954	687978,416	4225925,292	446,308
3956	688006,415	4225988,628	444,387
3960	688071,624	4226111,756	441,298
3961	688092,379	4226138,624	440,780
3965	688187,457	4226240,329	441,708
3966	688213,175	4226264,015	443,448
3967	688235,309	4226290,881	444,397
3970	688260,983	4226392,991	448,046
3972	688275,148	4226460,642	453,205
3973	688288,033	4226492,309	457,953
3974	688305,827	4226522,228	461,432
3977	688375,072	4226599,348	469,796
3979	688419,840	4226651,883	477,469
3980	688433,934	4226685,040	482,728
3981	688440,323	4226719,752	486,399
3982	688440,012	4226753,836	488,858
3983	688446,885	4226786,887	488,425
3985	688471,460	4226852,293	486,375
3987	688508,557	4226911,516	483,133
3989	688551,184	4226966,638	482,211
3990	688575,276	4226991,965	482,238
3994	688684,444	4227077,920	483,284
3996	688743,208	4227115,855	485,166
3998	688804,930	4227146,716	484,528
3999	688837,510	4227156,657	484,306
4000	688871,531	4227165,135	483,831
4003	688973,176	4227191,725	483,788
4004	689003,267	4227211,414	483,999
4005	689028,103	4227232,603	486,264
4006	689054,364	4227255,419	486,681
4008	689092,804	4227308,594	488,910
4010	689137,925	4227359,082	491,589
4012	689189,126	4227406,690	493,530
4020	689366,559	4227616,517	507,617
4021	689383,449	4227646,203	509,223
4025	689438,121	4227771,510	512,555
4027	689471,162	4227833,217	514,191
4029	689510,389	4227890,115	513,653

4030	689530,811	4227917,441	510,428
4035	689629,837	4228061,709	499,449
4036	689644,973	4228092,828	496,850
4038	689662,129	4228161,130	491,844
4040	689699,423	4228220,339	489,802
4041	689714,186	4228250,455	488,078
4042	689720,082	4228282,640	485,738
4045	689712,895	4228387,736	484,395
4046	689718,174	4228422,786	485,509
4050	689768,301	4228551,769	496,331
4051	689786,124	4228579,921	494,699
4054	689833,493	4228673,747	486,105
4057	689846,399	4228774,064	479,120
4058	689865,312	4228802,170	474,976
4059	689885,311	4228829,901	470,129
4060	689903,749	4228862,031	465,932
4062	689941,725	4228918,969	458,433
4064	689989,987	4228965,138	448,126
4066	690048,139	4229003,581	437,813
4070	690144,318	4229102,691	419,404
4071	690175,866	4229113,579	416,116
4072	690214,638	4229106,754	410,093
4074	690278,739	4229096,036	404,745
4075	690312,980	4229094,000	402,054
4076	690337,585	4229113,600	397,060
4077	690331,217	4229150,575	394,095
4078	690310,715	4229178,719	392,951
4079	690276,373	4229184,301	390,368
4080	690246,072	4229184,001	386,502
4081	690216,261	4229200,735	384,257
4083	690163,854	4229248,378	384,044
4084	690143,804	4229276,322	383,805
4085	690135,640	4229313,098	381,788
4087	690138,848	4229377,585	377,324
4088	690151,739	4229410,158	375,029
4090	690183,497	4229469,697	373,184
4098	690318,696	4229714,258	365,590
4100	690341,067	4229780,851	364,222
4103	690355,045	4229883,566	363,309
4106	690363,575	4229986,570	362,639
4110	690347,388	4230123,436	359,965
4111	690345,768	4230159,218	360,267
4112	690351,905	4230192,788	359,536
4113	690367,369	4230223,178	358,578
4119	690473,570	4230402,292	356,118
4120	690486,647	4230433,114	355,543
4121	690495,947	4230468,237	355,194
4123	690510,975	4230536,938	359,770
4124	690520,791	4230568,754	358,652
4126	690545,692	4230634,219	354,722
4128	690572,172	4230696,340	357,481
4129	690594,060	4230722,696	359,153
4130	690623,681	4230742,675	358,868
4131	690648,175	4230765,680	359,862
4134	690694,072	4230858,750	367,264
4135	690708,130	4230889,206	366,381
4136	690730,827	4230914,693	363,983
4140	690844,861	4231006,902	357,404
4144	690949,947	4231088,395	361,060
4145	690974,622	4231110,489	360,539
4147	691007,626	4231171,831	356,622

4148	691010,696	4231205,729	353,372
4150	691005,062	4231280,999	350,185
4151	691008,060	4231309,727	348,860
4155	691041,657	4231444,775	345,737
4156	691040,968	4231478,697	343,896
4158	691033,255	4231546,093	342,963
4160	691057,513	4231611,539	341,431
4162	691083,759	4231674,526	339,822
4163	691101,070	4231708,401	338,275
4164	691119,392	4231735,614	336,203
4166	691164,384	4231786,961	331,809
4168	691213,015	4231835,748	328,260
4170	691269,759	4231877,441	325,741
4171	691296,980	4231900,330	325,903
4174	691350,591	4231988,226	327,217
4176	691392,110	4232045,495	327,716
4177	691401,742	4232076,342	328,930
4180	691418,141	4232179,998	331,207
4184	691449,153	4232313,715	339,751
4189	691500,317	4232476,737	346,233
4190	691513,928	4232510,930	346,722
4193	691555,696	4232605,444	349,821
4198	691597,484	4232772,525	352,716
4200	691606,938	4232839,284	353,531
4209	691625,801	4233151,319	365,678
4210	691628,727	4233184,698	366,556
4211	691629,830	4233218,680	365,106
4214	691632,445	4233325,479	356,442
4215	691640,402	4233356,043	353,799
4218	691677,328	4233451,995	344,475
4220	691687,006	4233527,701	340,174
4224	691698,332	4233659,679	337,393
4227	691702,555	4233768,707	347,456
4230	691693,123	4233874,824	350,719
4232	691687,458	4233935,108	351,428
4233	691692,911	4233969,851	353,341
4235	691712,772	4234033,855	356,261
4236	691711,576	4234068,914	355,535
4237	691703,731	4234103,755	353,458
4238	691690,663	4234135,076	349,527
4240	691645,529	4234187,976	338,934
4241	691621,032	4234214,923	334,583
4242	691616,004	4234244,735	331,335
4244	691653,278	4234306,178	325,716
4248	691717,086	4234434,621	319,349
4250	691754,662	4234483,019	317,372
4252	691796,228	4234538,961	312,503
4255	691848,264	4234628,132	304,954
4256	691859,271	4234660,138	302,364
4260	691871,171	4234798,785	292,121
4261	691875,371	4234833,729	290,278
4262	691887,365	4234866,187	288,570
4265	691944,969	4234949,980	280,839
4267	691973,684	4235013,939	272,234
4268	691972,576	4235048,523	268,921
4269	691970,914	4235082,846	267,588
4270	691984,947	4235113,929	268,610
4272	692018,621	4235174,260	271,203
4274	692035,946	4235241,368	271,141
4278	692049,270	4235384,250	263,051
4279	692043,004	4235411,923	262,788

4280	692029,768	4235442,757	259,581
4281	692016,175	4235474,133	256,175
4282	692015,000	4235507,745	253,023
4285	692043,121	4235608,450	246,089
4286	692034,097	4235643,256	246,274
4288	692013,902	4235706,118	246,460
4290	692016,773	4235776,245	245,816
4291	692035,380	4235797,019	244,540
4294	692115,180	4235870,992	239,921
4295	692133,292	4235900,521	241,686
4297	692158,489	4235965,888	238,422
4299	692166,662	4236031,886	238,782
4300	692165,685	4236066,912	238,864
4301	692155,802	4236100,175	238,093
4304	692088,914	4236180,122	237,032
4307	692040,050	4236268,137	237,625
4308	692037,823	4236301,361	238,267
4310	692045,631	4236371,248	237,790
4312	692056,030	4236436,609	237,364
4316	692088,728	4236571,294	235,228
4317	692083,185	4236606,451	235,065
4319	692081,523	4236674,157	235,070
4320	692084,891	4236707,069	235,372
4322	692094,382	4236775,777	234,977
4323	692093,360	4236810,921	235,165
4328	692026,196	4236968,480	238,964
4330	692037,497	4237032,027	242,509
4334	692077,766	4237163,038	246,955
4335	692091,336	4237196,019	248,090
4337	692141,118	4237234,202	248,507
4340	692213,707	4237305,194	246,953
4342	692265,478	4237349,659	244,871
4344	692326,070	4237376,013	243,576
4345	692351,849	4237401,718	242,400
4348	692402,606	4237485,758	241,392
4350	692413,881	4237554,911	239,818
4354	692437,545	4237680,256	245,366
4356	692459,585	4237751,687	250,114
4357	692462,146	4237784,462	253,054
4360	692454,160	4237887,512	258,242
4363	692456,131	4237992,261	261,538
4366	692466,148	4238094,016	265,441
4368	692450,293	4238156,483	268,113
4370	692414,240	4238214,190	271,327
4372	692401,534	4238282,722	274,584
4374	692395,415	4238349,179	277,781
4376	692385,162	4238417,868	280,924
4378	692394,842	4238484,621	283,883
4380	692406,836	4238554,138	285,908
4384	692424,196	4238689,344	290,311
4390	692415,044	4238893,028	297,427
4393	692410,949	4238995,676	300,588
4398	692363,696	4239158,125	309,687
4399	692358,970	4239190,777	310,043
4400	692360,564	4239224,749	307,434
4402	692376,816	4239290,786	301,942
4403	692399,151	4239319,210	296,866
4404	692428,427	4239332,727	291,943
4405	692462,973	4239336,437	287,782
4406	692498,681	4239334,489	283,851
4408	692568,036	4239333,132	280,174

4409	692600,495	4239337,356	272,482
4410	692633,269	4239347,969	271,379
4413	692732,519	4239382,474	270,194
4414	692759,603	4239404,231	270,316
4418	692821,666	4239525,326	274,103
4420	692844,127	4239587,897	276,674
4421	692864,791	4239616,493	278,111
4422	692895,857	4239623,176	280,434
4426	693030,429	4239603,623	290,398
4430	693164,524	4239573,230	286,706
4435	693335,644	4239581,108	283,874
4437	693409,608	4239578,078	281,447
4438	693441,545	4239581,973	280,462
4440	693495,546	4239623,655	279,685
4441	693516,868	4239650,137	279,188
4446	693598,407	4239798,928	283,159
4449	693648,757	4239889,715	286,039
4450	693654,734	4239925,002	286,670
4453	693672,535	4240024,074	288,227
4455	693694,378	4240088,709	288,201
4460	693757,535	4240249,198	288,096
4463	693798,815	4240347,432	291,734
4470	693912,596	4240565,091	297,012
4471	693929,790	4240585,702	296,764
4475	694022,273	4240685,644	297,389
4480	694120,072	4240828,803	297,754
4485	694207,025	4240978,109	303,285
4486	694217,016	4241010,081	305,064
4490	694245,222	4241147,275	311,727
4492	694263,046	4241211,491	314,903
4496	694331,647	4241331,112	322,597
4497	694346,171	4241363,390	323,936
4500	694375,555	4241462,392	326,465
4503	694405,683	4241562,355	329,411
4506	694430,491	4241668,694	330,062
4508	694427,845	4241731,162	330,823
4510	694415,944	4241799,975	332,014
4512	694416,925	4241870,648	331,688
4514	694448,261	4241935,856	331,699
4515	694467,794	4241955,341	332,731
4517	694525,299	4241994,311	336,751
4520	694560,102	4242091,903	342,618
4524	694560,719	4242228,737	348,554
4530	694592,703	4242437,267	357,981
4532	694600,826	4242503,965	360,506
4535	694619,070	4242606,133	368,048
4537	694620,743	4242673,048	371,760
4540	694655,769	4242769,363	379,612
4545	694693,242	4242937,833	398,029
4548	694697,645	4243040,488	404,839
4550	694688,559	4243111,262	406,728
4616	694881,019	4245385,540	522,464
4617	694875,984	4245420,182	520,048
4619	694878,909	4245489,980	518,184
4620	694878,084	4245524,896	517,954
4622	694871,892	4245593,873	517,631
4624	694866,839	4245663,905	516,755
4630	694898,823	4245869,752	516,933
4632	694915,755	4245937,895	517,997
4636	694970,946	4246064,841	521,675
4639	695007,536	4246163,583	525,559

4640	695012,430	4246198,130	526,231
4641	695016,300	4246232,855	527,269
4643	695033,517	4246299,921	530,019
4649	695086,302	4246501,137	546,803
4650	695095,846	4246535,324	547,357
4655	695138,013	4246710,131	544,766
4658	695142,441	4246808,697	546,663
4660	695158,888	4246876,354	546,210
4662	695176,163	4246944,281	543,662
4663	695186,217	4246977,554	541,826
4667	695237,076	4247106,764	532,188
4670	695246,693	4247210,562	528,072
4672	695260,013	4247279,197	527,795
4674	695284,268	4247344,610	527,746
4675	695299,939	4247377,250	527,074
4680	695353,562	4247543,094	515,745
4682	695392,491	4247600,319	511,196
4685	695461,175	4247678,793	508,446
4687	695509,654	4247728,417	503,050
4689	695537,344	4247792,684	499,028
4690	695543,952	4247826,634	493,571
4694	695556,895	4247964,652	485,003
4696	695539,238	4248034,527	482,818
4700	695503,536	4248167,094	471,241
4702	695480,310	4248231,333	464,849
4704	695451,124	4248290,490	467,852
4706	695406,244	4248343,880	467,061
4708	695376,188	4248407,364	466,411
4710	695374,984	4248477,983	464,790
4711	695385,501	4248511,019	464,247
4712	695403,006	4248539,910	465,847
4715	695439,925	4248638,589	464,885
4717	695490,115	4248687,103	462,798
4720	695560,181	4248763,181	453,837
4722	695578,769	4248829,293	445,107
4727	695556,872	4249001,367	427,588
4730	695571,405	4249108,266	419,220
4732	695549,965	4249171,307	415,115
4735	695536,667	4249274,407	411,956
4738	695545,994	4249378,749	406,469
4740	695543,265	4249448,529	402,388
4743	695534,501	4249553,260	397,566
4748	695471,685	4249716,367	387,277
4750	695452,774	4249783,362	383,249
4753	695435,479	4249886,518	376,080
4755	695407,638	4249948,774	373,863
4759	695317,472	4250055,599	368,418
4760	695320,169	4250090,265	367,259
4761	695315,612	4250124,641	366,668
4762	695293,775	4250150,824	366,414
4765	695209,206	4250212,243	377,202
4767	695148,568	4250248,732	384,353
4770	695049,311	4250280,824	385,997
4772	694987,318	4250311,436	388,790
4775	694882,691	4250322,665	394,808
4780	694708,945	4250304,401	396,172
4784	694568,330	4250311,946	398,581
4788	694435,284	4250353,267	400,435
4790	694372,558	4250374,548	403,717
4793	694274,248	4250418,328	409,103
4795	694225,627	4250454,466	414,733

4797	694288,160	4250485,915	418,969
4798	694311,850	4250511,736	421,068
4800	694306,914	4250576,540	426,108
4802	694283,808	4250643,613	429,133
4806	694275,901	4250781,842	426,765
4807	694279,134	4250814,799	428,125
4809	694292,727	4250881,756	427,427
4810	694292,527	4250911,478	426,646
4811	694289,673	4250951,480	426,804
4812	694287,527	4250984,965	428,741
4813	694277,674	4251017,428	429,558
4814	694254,077	4251042,034	426,781
4815	694219,500	4251052,314	424,516
4817	694150,471	4251048,555	420,566
4818	694118,212	4251060,199	419,168
4819	694108,562	4251091,589	420,283
4820	694126,136	4251120,080	422,367
4822	694185,591	4251160,514	427,067
4823	694209,348	4251185,088	429,048
4826	694265,246	4251271,176	434,939
4830	694331,204	4251393,579	441,352
4834	694395,605	4251515,760	435,826
4837	694427,222	4251613,353	429,430
4840	694477,796	4251704,702	422,527
4843	694519,958	4251799,957	416,685
4845	694552,368	4251856,432	411,673
4846	694582,020	4251877,135	411,094
4847	694609,422	4251894,964	412,146
4850	694682,281	4251970,726	417,315
4852	694720,649	4252029,017	423,839
4853	694749,520	4252049,333	426,586
4854	694760,334	4252079,043	428,771
4856	694773,358	4252147,116	432,484
4857	694791,019	4252176,082	435,793
4860	694876,414	4252233,387	443,169
4861	694910,399	4252239,260	445,459
4863	694976,918	4252244,064	450,150
4864	694986,881	4252277,471	452,398
4865	694967,708	4252304,569	453,922
4867	694943,385	4252368,199	457,564
4869	694947,479	4252434,895	462,097
4870	694962,132	4252467,153	464,484
4874	695026,854	4252589,284	471,565
4875	695048,079	4252617,517	473,716
4876	695072,287	4252642,332	476,498
4877	695082,011	4252674,103	479,504
4878	695065,535	4252702,819	481,660
4880	695014,319	4252748,460	485,972
4882	694988,974	4252811,323	490,182
4886	694974,616	4252947,652	500,863
4888	694956,581	4253012,822	505,487
4890	694920,158	4253072,656	509,827
4892	694899,612	4253136,352	514,314
4895	694831,712	4253213,368	520,759
4898	694777,247	4253299,155	527,757
4899	694773,259	4253333,024	531,858
4900	694776,731	4253367,811	534,015
4901	694780,917	4253402,522	536,510
4902	694795,894	4253432,986	536,280
4906	694927,597	4253472,068	532,632
4908	694996,769	4253461,219	526,580

4910	695055,625	4253489,508	522,014
4914	695117,017	4253613,376	515,584
4915	695135,874	4253640,949	514,159
4920	695275,552	4253744,369	509,906
4923	695358,364	4253803,876	512,307
4925	695415,101	4253844,346	512,829
4929	695527,385	4253925,764	503,546
4930	695560,983	4253934,343	502,151
4933	695664,863	4253931,803	501,419
4935	695732,615	4253920,550	504,799
4939	695853,235	4253853,490	512,940
4940	695882,763	4253836,626	515,282
4944	696002,509	4253766,809	517,609
4950	696181,069	4253662,416	512,778
4952	696243,204	4253631,862	507,990
4954	696311,315	4253626,682	507,301
4955	696341,897	4253637,910	507,507
4957	696395,758	4253681,968	511,464
4958	696429,984	4253691,056	511,133
4960	696497,713	4253696,901	511,549
4961	696532,096	4253700,330	512,934
4963	696601,444	4253706,480	517,652
4965	696669,425	4253720,373	518,848
4966	696698,638	4253739,452	516,470
4970	696800,467	4253832,057	515,382
4973	696876,727	4253900,742	512,009
4974	696898,157	4253927,113	510,893
4975	696911,370	4253959,294	509,281
4980	696946,468	4254127,217	498,145
4982	696958,159	4254195,346	493,472
4985	696953,820	4254298,331	485,652
4986	696958,315	4254332,677	482,298
4987	696971,163	4254364,495	479,007
4990	697025,360	4254453,745	472,714
4996	697153,395	4254608,500	464,900
4999	697213,198	4254694,171	459,906
5000	697234,296	4254720,111	457,637
5003	697312,532	4254789,301	449,870
5005	697377,041	4254815,778	448,384
5006	697410,191	4254821,176	450,416
5007	697445,095	4254820,374	452,312
5008	697478,372	4254832,151	453,832
5009	697505,340	4254854,158	455,503
5010	697522,670	4254883,902	457,108
5012	697548,734	4254947,097	459,006
5013	697575,479	4254969,211	461,884
5016	697668,656	4255014,892	469,562
5018	697728,806	4255049,781	468,982
5020	697784,586	4255090,038	465,870
5022	697823,355	4255145,915	462,162
5024	697854,857	4255207,948	458,781
5025	697877,220	4255235,243	458,108
5028	697968,705	4255281,787	462,362
5030	698025,763	4255318,402	467,075
5034	698092,453	4255438,781	469,918
5035	698110,963	4255467,842	468,684
5038	698182,147	4255543,789	463,967
5040	698231,399	4255591,173	465,683
5041	698252,791	4255617,244	466,918
5042	698264,076	4255649,507	466,955
5048	698265,714	4255857,792	468,421



5050	698266,461	4255926,018	470,524
5053	698266,472	4256030,864	473,843
5057	698267,917	4256168,806	481,056
5059	698264,469	4256238,432	481,224
5060	698257,765	4256270,392	480,480
5063	698234,612	4256371,080	478,937
5064	698232,295	4256407,088	480,400
5067	698255,841	4256507,963	483,823
5069	698248,220	4256575,003	485,908
5070	698228,541	4256603,188	486,880
5073	698147,730	4256668,021	489,695
5074	698128,913	4256696,081	491,335
5075	698130,382	4256729,267	494,592
5076	698155,321	4256751,257	498,625
5078	698216,188	4256784,487	502,642
5080	698264,851	4256832,939	507,189
5083	698337,878	4256906,603	514,553
5084	698369,634	4256910,651	514,568
5085	698399,739	4256894,492	516,519
5087	698448,021	4256847,127	520,638
5089	698488,965	4256790,787	524,707
5090	698511,980	4256764,738	527,252
5091	698542,816	4256750,759	529,950
5092	698578,060	4256748,755	531,571
5093	698610,196	4256760,369	533,140
5094	698629,315	4256787,917	533,247
5167	699240,767	4258681,612	549,344
5170	699343,039	4258668,580	550,687
5171	699375,620	4258680,632	550,902
5177	699513,493	4258834,451	554,196
5178	699532,297	4258862,543	555,185
5179	699562,028	4258878,524	556,124
5180	699596,939	4258881,019	557,975
5181	699630,455	4258890,520	559,776
5182	699646,840	4258920,204	561,954
5183	699638,761	4258953,805	562,252
5189	699561,744	4259145,413	571,612
5190	699560,497	4259179,731	570,548
5193	699540,357	4259281,572	572,650
5194	699534,177	4259315,867	573,315
5195	699533,986	4259350,311	576,304
5198	699538,313	4259453,059	581,450
5200	699534,808	4259523,256	579,575
5202	699526,789	4259590,806	584,522
5203	699512,260	4259622,605	585,092
5205	699465,867	4259674,673	587,351
5206	699480,121	4259703,118	584,725
5207	699489,660	4259736,015	580,071
5208	699494,895	4259769,869	578,699
5209	699521,084	4259793,286	578,706
5210	699540,185	4259823,505	583,678
5211	699553,366	4259856,862	589,564
5212	699573,519	4259883,882	593,597
5213	699597,394	4259908,568	593,297
5214	699626,527	4259927,722	598,910
5215	699648,524	4259954,158	602,956
5216	699673,093	4259980,810	601,751
5217	699696,905	4260012,559	603,177
5218	699715,381	4260042,678	607,585
5220	699748,607	4260103,776	611,831
5222	699772,907	4260167,293	613,112

5226	699818,045	4260297,989	615,777
5227	699839,691	4260326,313	617,540
5230	699909,875	4260402,292	621,855
5231	699931,229	4260430,708	623,741
5233	699952,383	4260494,394	628,748
5238	699960,045	4260666,888	640,505
5240	699959,231	4260736,510	641,588
5243	699956,207	4260838,160	646,005
5244	699949,969	4260871,753	648,268
5246	699927,677	4260938,813	653,359
5247	699939,397	4260970,792	655,977
5248	699958,179	4260999,364	657,874
5250	700004,040	4261052,951	659,350
5251	700027,829	4261078,297	660,292
5257	700216,101	4261165,137	671,621
5260	700318,528	4261184,563	678,822
5263	700418,012	4261207,277	685,004
5264	700436,619	4261237,752	685,843
5270	700505,475	4261432,306	697,871
5276	700559,635	4261633,215	706,121
5278	700568,618	4261701,863	710,721
5279	700580,971	4261731,814	712,797
5280	700608,489	4261750,592	715,470
5284	700725,089	4261824,609	724,026
5287	700809,033	4261883,859	719,447
5290	700879,476	4261960,473	716,390
5294	700992,333	4262040,396	708,261
5298	701125,182	4262076,939	702,583
5299	701194,660	4262083,529	702,397
5300	701194,909	4262083,545	701,932
5306	701391,636	4262143,758	700,216
5310	701507,092	4262218,130	696,049
5311	701537,776	4262236,946	695,080
5312	701571,420	4262245,206	694,326
5315	701674,135	4262263,410	694,143
5316	701705,157	4262274,821	694,687
5318	701761,906	4262316,991	690,755
5319	701783,248	4262344,424	688,510
5320	701793,322	4262376,469	685,703
5321	701798,011	4262412,603	682,731
5324	701780,841	4262513,302	675,101
5328	701784,959	4262650,777	666,705
5330	701800,041	4262698,753	663,863
5332	701807,075	4262764,792	658,460
5336	701747,236	4262912,066	648,999
5337	701736,707	4262945,407	650,014
5375	702888,530	4263559,918	577,062
5380	703020,397	4263672,029	572,460
5390	703283,915	4263896,104	559,324
5400	703546,901	4264120,132	556,339
5402	703595,022	4264170,747	553,316
5407	703676,137	4264324,786	540,482
5410	703719,587	4264415,527	538,058
5417	703827,927	4264629,952	537,169
5418	703851,466	4264658,013	535,787
5420	703902,567	4264704,679	531,875
5428	704114,006	4264880,864	523,232
5430	704166,558	4264924,815	522,343
5432	704218,784	4264968,427	523,064
5437	704350,854	4265078,408	528,742
5440	704430,731	4265144,865	527,594

5443	704512,881	4265209,043	523,128
5446	704601,959	4265257,788	519,913
5450	704727,921	4265314,446	515,660
5453	704821,892	4265356,018	516,858
5458	704964,708	4265453,262	526,927
5460	705009,749	4265504,790	530,932
5464	705088,607	4265617,207	538,689
5467	705140,541	4265704,803	544,010
5470	705188,421	4265796,349	549,065
5472	705223,500	4265855,382	552,884
5477	705327,264	4265993,204	563,966
5479	705375,639	4266044,198	568,560
5480	705402,478	4266066,329	571,000
5482	705460,949	4266103,776	575,654
5484	705521,533	4266129,032	584,229
5486	705590,011	4266147,412	590,681
5490	705723,462	4266172,280	602,583
5496	705928,991	4266206,998	619,749
5498	705998,578	4266209,040	624,720
5500	706068,146	4266206,720	628,576
5503	706170,610	4266204,318	632,764
5508	706343,769	4266200,012	629,760
5510	706411,362	4266198,138	624,570
5517	706652,566	4266189,617	607,709
5519	706729,005	4266183,572	601,321
5520	706768,535	4266177,080	597,623
5527	707034,678	4266126,793	575,126
5528	707072,982	4266132,214	570,888
5529	707104,377	4266154,448	566,871
5530	707123,099	4266189,266	562,788
5532	707133,181	4266265,786	554,386
5533	707154,312	4266298,635	551,474
5536	707234,154	4266382,600	543,410
5538	707309,308	4266405,009	537,499
5540	707384,521	4266389,246	533,395
5542	707460,676	4266368,356	529,219
5545	707573,616	4266346,816	522,907
5549	707715,198	4266405,658	512,007
5550	707748,102	4266427,262	508,862
5551	707770,889	4266459,951	505,316
5553	707800,975	4266530,930	499,258
5554	707831,808	4266555,315	499,773
5558	707966,074	4266630,613	494,199
5559	708006,245	4266641,097	494,353
5560	708043,060	4266644,219	491,903
5570	708428,472	4266685,791	488,628
5572	708505,993	4266700,073	488,988
5574	708580,430	4266722,919	490,031
5576	708653,210	4266755,275	490,285
5578	708720,436	4266793,555	487,806
5580	708787,571	4266833,553	482,919
5583	708888,464	4266891,247	477,090
5588	709058,592	4266981,823	473,444
5590	709129,376	4267017,292	471,131
5592	709201,964	4267047,231	467,178
5595	709314,165	4267077,622	464,596
5598	709432,401	4267092,212	463,682
5600	709508,198	4267092,795	463,007
5607	709780,801	4267090,566	464,038
5609	709859,300	4267096,504	462,451
5610	709898,290	4267102,961	461,404

5613	710013,942	4267118,328	457,483
5615	710091,241	4267120,881	456,096
5619	710244,735	4267119,106	453,285
5620	710285,655	4267123,132	453,855
5622	710357,718	4267152,380	450,834
5624	710411,051	4267210,744	445,371
5626	710455,628	4267276,532	440,051
5627	710469,782	4267312,328	438,689
5628	710507,792	4267329,489	439,050
5630	710577,089	4267295,537	442,676
5631	710612,033	4267277,038	443,461
5636	710784,346	4267185,564	444,475
5638	710846,407	4267137,528	442,027
5640	710907,355	4267088,895	439,587
5643	711007,380	4267026,976	443,601
5650	711254,209	4266918,674	464,042
5655	711432,696	4266836,387	478,120
5657	711500,655	4266796,953	480,467
5660	711592,948	4266726,027	478,270
5662	711655,907	4266680,737	477,371
5664	711728,685	4266651,369	477,232
5668	711882,337	4266632,133	485,253
5670	711955,234	4266605,096	489,441
5673	712057,083	4266548,574	494,072
5678	712218,079	4266438,598	505,172
5680	712290,118	4266430,365	505,947
5682	712368,387	4266432,663	502,889
5684	712430,958	4266384,915	503,410
5688	712536,553	4266272,512	499,465
5690	712579,938	4266207,838	497,162
5692	712633,714	4266152,391	494,128
5695	712729,228	4266083,833	489,261
5697	712793,443	4266041,015	483,966
5699	712858,414	4266000,868	477,173
5700	712893,507	4265987,213	473,980
5703	713006,027	4265957,451	463,468
5706	713121,592	4265941,016	458,471
5707	713158,817	4265932,933	457,525
5710	713268,864	4265888,747	457,052
5713	713372,930	4265843,298	454,231
5714	713410,755	4265834,586	451,857
5715	713450,719	4265840,591	448,824
5717	713514,709	4265885,694	443,996
5719	713587,183	4265912,762	439,132
5720	713625,387	4265903,444	436,485
5723	713724,006	4265842,599	430,576
5725	713795,185	4265814,639	427,798
5727	713871,815	4265825,005	424,126
5730	713984,478	4265853,800	420,961
5732	714056,598	4265880,486	421,531
5734	714127,181	4265913,391	420,807
5738	714261,676	4265992,379	417,866
5740	714323,584	4266039,390	415,334
5743	714416,609	4266106,456	411,823
5747	714547,381	4266187,538	405,639
5750	714646,830	4266247,103	403,025
5755	714817,293	4266341,491	398,702
5757	714882,141	4266384,524	395,756
5758	714913,372	4266409,733	393,173
5760	714976,212	4266454,571	386,801
5764	715116,666	4266514,805	382,628

5766	715193,122	4266528,491	386,812
5767	715227,999	4266545,182	390,195
5768	715248,006	4266578,693	390,903
5770	715280,622	4266649,884	388,651
5772	715313,190	4266720,337	386,064
5776	715379,056	4266861,203	379,492
5777	715401,411	4266892,709	377,283
5780	715481,398	4266977,981	375,438
5784	715588,219	4267091,471	373,844
5790	715750,159	4267259,616	358,310
5793	715850,278	4267318,207	357,636
5796	715952,418	4267377,581	363,330
5797	715986,598	4267397,270	363,117
5799	716056,771	4267432,392	356,898
5800	716094,256	4267441,135	354,093
5801	716133,010	4267442,632	352,701
5806	716327,749	4267432,816	351,994
5809	716443,894	4267425,413	355,393
5810	716481,921	4267435,618	356,744
5814	716619,030	4267506,806	359,028
5815	716659,024	4267511,053	359,135
5820	716852,237	4267500,258	357,049
5821	716891,764	4267497,891	354,853
5825	717047,915	4267489,906	343,540
5829	717201,847	4267481,297	339,652
5830	717241,419	4267484,526	339,268
5835	717429,351	4267527,056	332,615
5840	717618,984	4267498,384	328,423
5841	717645,716	4267528,790	327,014
5842	717666,978	4267561,294	325,493
5843	717690,776	4267593,154	325,745
5844	717726,307	4267599,367	325,160
5846	717804,194	4267597,144	324,802
5847	717834,048	4267617,166	325,591
5849	717871,037	4267684,120	328,436
5850	717899,355	4267711,757	330,726
5851	717927,714	4267739,752	333,027
5852	717962,264	4267755,917	334,656
5854	718039,632	4267765,984	334,840
5856	718115,151	4267776,252	334,491
5860	718270,307	4267796,412	339,846
5861	718307,833	4267801,364	338,870
5862	718348,005	4267807,595	336,330
5863	718380,440	4267823,235	333,220
5864	718412,404	4267845,038	333,119
5868	718542,994	4267931,434	339,843
5869	718581,748	4267934,247	343,145
5870	718620,047	4267926,948	345,880
5874	718772,342	4267896,133	356,803
5875	718811,860	4267889,632	359,214
5876	718849,993	4267894,575	357,888
5877	718887,563	4267907,709	356,786
5879	718958,935	4267936,064	358,645
5880	718995,456	4267950,353	362,053
5881	719031,708	4267964,637	364,158
5884	719140,055	4268008,643	366,748
5888	719283,487	4268065,939	372,990
5890	719356,363	4268095,366	374,444
5891	719393,325	4268099,183	376,447
5892	719431,062	4268083,641	377,592
5896	719570,714	4268016,106	379,532

5897	719605,107	4267998,894	380,235
5899	719674,420	4267964,889	385,323
5900	719710,390	4267947,609	384,896
5902	719780,159	4267913,530	386,827
5904	719850,890	4267881,491	389,722
5908	719997,697	4267828,772	391,044
5910	720069,625	4267802,077	394,378
5917	720325,547	4267708,691	399,659
5920	720434,527	4267668,865	405,417
5924	720581,176	4267614,673	412,889
5927	720693,990	4267581,394	416,012
5930	720805,098	4267545,518	415,283
5934	720953,344	4267497,081	414,314
5938	721106,899	4267466,162	412,685
5940	721183,229	4267474,442	413,887
5944	721323,782	4267492,870	415,502
5948	721460,247	4267510,867	421,004
5950	721529,932	4267512,164	423,653
5952	721599,337	4267513,763	423,404
5955	721703,964	4267515,800	427,705
6006	723436,127	4267924,469	444,923
6010	723571,908	4267959,645	444,247
6011	723606,058	4267961,979	444,378
6017	723811,669	4267936,120	446,418
6020	723916,514	4267936,282	449,427
6024	724054,104	4267935,679	452,752
6027	724156,557	4267922,052	454,739
6030	724257,390	4267896,218	456,184
6033	724357,817	4267869,047	458,146
6038	724522,100	4267816,647	461,948
6040	724588,410	4267798,972	463,015
6046	724789,370	4267744,743	462,979
6050	724918,452	4267695,523	463,315
6057	725144,942	4267608,952	466,715
6058	725178,667	4267597,770	467,401
6060	725246,380	4267583,224	468,900
6064	725382,426	4267560,309	470,103
6065	725416,579	4267560,038	470,686
6070	725589,472	4267576,507	469,280
6077	725830,994	4267600,384	467,536
6079	725898,660	4267600,985	467,537
6080	725934,828	4267596,532	467,574
6085	726105,035	4267572,881	468,121
6088	726208,574	4267569,334	468,332
6090	726277,013	4267571,589	468,516
6096	726485,187	4267580,929	471,648
6100	726621,621	4267600,867	472,957
6102	726689,955	4267609,664	473,723
6109	726930,182	4267583,530	475,412
6110	726966,851	4267577,692	474,788
6115	727133,943	4267541,137	474,633
6117	727202,649	4267544,998	474,484
6120	727303,563	4267562,086	473,164
6125	727474,613	4267593,002	472,356
6130	727640,085	4267643,136	471,209
6133	727737,943	4267674,278	470,843
6134	727771,685	4267675,755	470,470
6135	727806,912	4267676,280	471,622
6140	727979,862	4267685,800	470,274
6143	728082,712	4267689,829	467,899
6145	728153,879	4267695,870	467,309

6147	728220,617	4267705,181	466,048
6150	728324,169	4267710,802	467,050
6153	728426,517	4267717,990	465,130
6155	728493,099	4267735,976	463,816
6157	728562,625	4267746,158	462,744
6160	728667,560	4267754,684	460,224
6162	728733,926	4267758,403	461,731
6166	728873,217	4267761,849	460,101
6168	728940,910	4267771,457	460,402
6170	729010,576	4267770,436	462,358
6172	729080,579	4267775,100	463,035
6176	729219,108	4267787,948	461,693
6179	729315,053	4267800,093	462,535
6180	729349,814	4267803,597	463,035
6186	729556,635	4267816,189	460,708
6190	729692,187	4267838,032	461,835
6194	729829,876	4267846,020	464,064
6196	729897,138	4267852,237	463,831
6200	730038,058	4267864,953	458,769
6202	730101,666	4267859,464	456,580
6204	730169,577	4267847,850	455,536
6210	730375,372	4267865,350	450,956
6213	730476,986	4267885,448	448,158
6215	730540,624	4267912,832	451,556
6217	730605,863	4267926,787	450,703
6219	730675,994	4267931,666	450,689
6220	730707,952	4267934,765	450,711
6227	730948,204	4267959,304	446,095
6234	731188,215	4268005,895	439,095
6238	731305,355	4268077,838	437,204
6240	731369,420	4268104,445	436,973
6242	731437,607	4268109,003	437,840
6244	731500,385	4268089,514	436,911
6246	731565,128	4268074,334	435,096
6250	731702,463	4268065,739	432,585
6252	731770,351	4268058,268	432,518
6256	731892,945	4268029,330	431,998
6257	731922,693	4268034,014	432,176
6258	731956,941	4268034,936	433,933
6260	732018,483	4268002,204	435,167
6264	732147,652	4267945,754	436,774
6266	732214,030	4267924,876	437,830
6270	732335,756	4267859,696	440,668
6273	732423,728	4267804,832	443,506
6278	732568,600	4267704,803	449,963
6280	732627,463	4267665,474	451,216
6284	732761,133	4267618,543	447,477
6290	732966,110	4267577,179	443,727
6294	733099,357	4267574,832	443,830
6297	733201,412	4267574,347	444,034
6300	733304,191	4267566,295	446,294
6302	733373,307	4267559,565	447,603
6304	733442,013	4267551,368	449,321
6308	733580,218	4267559,762	453,738
6310	733646,206	4267575,557	456,945
6313	733739,922	4267607,056	460,936
6318	733907,971	4267650,064	469,830
6320	733975,263	4267659,696	472,129
6322	734043,166	4267672,420	473,636
6324	734105,020	4267705,684	470,946
6330	734274,108	4267829,238	464,943

6337	734478,520	4267966,593	460,705
6340	734568,588	4268013,198	457,844
6342	734633,502	4268037,598	453,777
6344	734692,140	4268063,454	457,062
6346	734750,788	4268096,085	458,473
6350	734856,481	4268187,177	467,272
6352	734905,009	4268238,480	467,562
6356	734989,748	4268348,867	464,480
6360	735064,490	4268468,742	458,720
6362	735106,780	4268524,631	463,243
6364	735160,694	4268561,455	464,269
6367	735253,783	4268610,775	463,965
6370	735349,301	4268651,141	459,252
6372	735408,887	4268687,019	457,366
6374	735467,678	4268722,318	459,190
6377	735559,501	4268773,307	464,221
6380	735646,674	4268832,696	461,684
6382	735704,166	4268865,844	458,050
6385	735805,309	4268890,090	454,863
6387	735874,749	4268887,551	453,607
6390	735974,181	4268862,037	451,599
6393	736078,994	4268847,143	451,893
6396	736183,669	4268839,954	451,806
6397	736215,916	4268842,526	451,921
6399	736283,820	4268856,814	453,928
6403	736425,039	4268867,364	459,671
6407	736541,169	4268934,938	459,997
6410	736629,764	4268990,884	462,015
6417	736836,353	4269118,525	468,477
6420	736933,997	4269154,872	468,050
6425	737100,467	4269209,171	467,362
6428	737198,311	4269240,428	466,292
6430	737261,134	4269267,817	465,667
6432	737329,199	4269284,539	465,754
6437	737498,302	4269318,196	463,375
6440	737601,208	4269333,640	462,101
6442	737670,432	4269341,888	461,434
6445	737770,442	4269370,389	457,219
6449	737903,662	4269406,045	458,798
6450	737938,026	4269415,759	457,572
6452	738001,873	4269442,360	454,275
6454	738061,902	4269478,238	450,535
6457	738149,134	4269533,535	446,719
6460	738241,125	4269582,657	447,267
6462	738304,358	4269611,992	448,054
6464	738368,777	4269640,313	446,224
6468	738483,615	4269715,892	444,691
6470	738543,138	4269753,770	447,070
6471	738571,637	4269772,105	447,743
6474	738659,052	4269827,479	445,611
6479	738784,353	4269949,193	441,418
6480	738812,428	4269970,256	440,765
6487	739012,846	4270104,636	445,395
6490	739109,289	4270147,023	446,573
6491	739136,953	4270166,068	445,677
6493	739189,083	4270212,148	444,625
6494	739220,712	4270226,445	443,277
6498	739356,641	4270260,741	440,126
6500	739423,134	4270281,080	438,796
6502	739485,109	4270306,621	438,459
6506	739608,604	4270373,368	434,918



6510	739721,721	4270445,130	433,680
6515	739867,140	4270545,890	425,600
6520	740000,782	4270653,776	409,690
6523	740079,808	4270715,259	403,327
6524	740111,796	4270737,259	399,239
6526	740164,778	4270781,809	394,261
6527	740188,706	4270805,427	392,065
6529	740214,087	4270870,499	385,492
6530	740244,094	4270887,731	385,402
6532	740291,962	4270937,219	386,948
6533	740311,579	4270965,803	387,370
6537	740320,541	4271098,697	394,434
6538	740348,981	4271118,900	396,910
6539	740384,042	4271124,729	398,344
6540	740419,563	4271129,870	402,303
6542	740478,396	4271170,465	406,022
6545	740568,402	4271225,408	408,705
6550	740665,364	4271339,330	413,983
6553	740757,988	4271319,409	411,832
6554	740780,857	4271343,609	412,723
6560	740894,296	4271478,555	418,830
6562	740965,988	4271551,135	422,914
6563	740992,038	4271572,171	424,081
6566	741077,812	4271633,636	427,839
6568	741138,725	4271666,022	428,165
6570	741206,470	4271692,455	426,619
6572	741271,455	4271721,476	424,437
6573	741295,871	4271736,930	422,852
6574	741326,002	4271762,922	420,337
6575	741349,558	4271782,686	420,040
6576	741378,413	4271810,069	420,704
6578	741436,501	4271850,666	424,052
6579	741469,942	4271864,400	425,041
6580	741503,929	4271874,575	425,872
6582	741569,279	4271888,485	426,965
6584	741643,359	4271896,304	427,118
6585	741682,629	4271901,250	427,279
6586	741712,673	4271907,940	427,149
6589	741806,591	4271955,420	426,900
6590	741838,886	4271970,622	426,804
6591	741872,027	4271982,301	425,964
6593	741940,651	4272000,199	423,866
6596	742044,647	4272019,956	422,450
6597	742079,840	4272023,017	421,511
6598	742115,451	4272023,415	421,132
6599	742150,338	4272015,329	421,304
6600	742185,492	4272010,738	421,263
6601	742220,463	4272008,042	421,110
6604	742325,387	4272022,714	421,095
6606	742396,445	4272020,512	421,866
6609	742501,541	4272021,829	420,466
6610	742531,263	4272040,961	420,792
6611	742561,277	4272056,887	421,338
6612	742595,593	4272061,800	420,993
6613	742629,375	4272057,495	420,225
6617	742765,717	4272031,942	411,377
6619	742832,897	4272025,899	407,464
6620	742866,254	4272035,726	405,757
6621	742898,946	4272047,777	404,103
6622	742931,071	4272062,686	402,113
6623	742961,370	4272080,579	400,184

6625	743016,309	4272121,899	397,641
6627	743065,123	4272171,820	394,851
6630	743132,567	4272253,073	390,380
6631	743152,773	4272275,719	389,501
6632	743177,345	4272300,251	388,346
6635	743260,823	4272361,587	384,735
6636	743292,336	4272378,124	383,897
6637	743323,425	4272391,563	382,779
6640	743421,428	4272426,603	380,667
6645	743584,223	4272483,785	378,472
6650	743747,623	4272541,448	377,546
6654	743854,837	4272607,331	376,542
6657	743912,805	4272694,495	374,322
6660	743976,841	4272776,395	372,217
6661	744004,145	4272797,552	371,968
6662	744020,884	4272828,537	371,842
6664	744061,527	4272884,107	370,563
6665	744079,648	4272914,401	369,238
6666	744086,918	4272948,257	368,052
6667	744083,559	4272983,347	367,753
6668	744098,169	4273013,709	367,882
6669	744100,783	4273044,255	367,026
6671	744088,604	4273113,473	366,150
6672	744093,525	4273146,289	365,314
6673	744073,225	4273173,629	365,404
6674	744057,000	4273205,079	368,008
6677	744046,409	4273322,384	368,392
6679	744032,687	4273390,626	365,355
6680	744030,209	4273421,013	364,107
6681	744045,666	4273451,290	363,885
6683	744108,253	4273483,059	363,443
6684	744143,254	4273482,341	361,908
6686	744205,872	4273463,119	361,841
6687	744241,242	4273460,457	361,307
6688	744273,494	4273452,010	359,609
6692	744374,968	4273506,140	360,694
6694	744395,236	4273571,682	361,597
6698	744459,635	4273693,634	358,771
6700	744466,458	4273762,818	354,821
6702	744468,639	4273831,717	352,350
6704	744486,039	4273898,764	354,634
6706	744510,470	4273964,733	357,968
6707	744528,058	4274032,855	358,873
6708	744528,151	4274032,803	359,060
6710	744539,196	4274101,309	359,264
6712	744541,060	4274170,426	359,207
6716	744595,622	4274296,887	353,982
6720	744615,346	4274433,133	353,259
6726	744607,520	4274640,604	346,043
6729	744603,083	4274744,301	347,496
6730	744609,931	4274778,940	348,160
6732	744641,253	4274840,337	346,711
6735	744717,942	4274910,767	340,047
6736	744746,685	4274937,028	339,735
6738	744778,465	4274991,975	343,808
6740	744788,706	4275061,989	346,596
6741	744800,905	4275093,028	346,262
6743	744840,033	4275150,816	341,429
6745	744875,470	4275210,201	339,405
6747	744913,041	4275268,017	340,490
6749	744954,805	4275322,824	341,270

6750	744982,003	4275344,563	339,821
6752	745037,993	4275385,289	336,957
6753	745063,608	4275407,661	335,760
6754	745063,565	4275407,614	335,877
6758	745145,856	4275559,936	326,769
6759	745149,266	4275592,939	324,385
6760	745161,821	4275626,455	326,799
6761	745165,690	4275662,882	331,739
6763	745132,561	4275723,571	337,538
6765	745110,040	4275788,588	337,540
6767	745090,911	4275855,664	335,231
6768	745087,985	4275889,677	335,036
6770	745099,421	4275956,198	334,787
6778	745167,048	4276224,141	333,765
6779	745193,697	4276287,217	334,447
6780	745193,683	4276287,290	334,222
6782	745232,130	4276344,088	334,942
6784	745291,710	4276379,616	336,991
6788	745406,090	4276457,676	338,276
6789	745432,848	4276477,894	339,172
6790	745458,222	4276501,909	338,784
6792	745502,584	4276554,962	335,259
6794	745546,352	4276607,783	335,025
6800	745677,630	4276770,271	341,533
6802	745723,295	4276823,204	343,269
6806	745808,010	4276932,595	341,376
6808	745853,354	4276983,597	341,860
6810	745901,464	4277034,270	340,781
6811	745924,120	4277059,574	340,127
6812	745945,046	4277087,543	339,842
6816	745967,274	4277223,249	342,143
6818	745972,598	4277292,704	339,401
6820	745965,287	4277360,494	334,942
6823	745954,320	4277463,469	328,600
6824	745952,268	4277497,151	328,010
6828	745967,062	4277635,145	332,182
6829	745967,967	4277669,332	332,553
6830	745962,293	4277704,019	332,865
6833	745928,799	4277802,186	331,156
6839	745859,298	4277997,604	323,243
6840	745846,173	4278029,274	322,847
6843	745828,719	4278131,139	324,230
6845	745808,792	4278197,263	323,135
6849	745749,682	4278322,102	317,295
6850	745733,902	4278352,965	317,103
6852	745702,533	4278415,463	318,320
6855	745659,402	4278510,718	322,573
6856	745651,500	4278545,023	322,883
6857	745653,881	4278638,093	319,641
6860	745652,431	4278682,825	318,272
6863	745646,028	4278786,067	312,826
6865	745642,480	4278855,307	311,836
6869	745678,271	4278989,407	311,383
6870	745685,380	4279021,980	309,889
6873	745694,442	4279125,840	304,219
6879	745705,547	4279332,659	298,470
6880	745704,978	4279367,369	297,581
6884	745688,547	4279504,155	296,935
6886	745673,064	4279570,871	297,842
6890	745609,685	4279693,005	294,908
6891	745590,947	4279722,059	292,319

6893	745578,912	4279790,259	288,455
6895	745562,234	4279857,208	284,549
6896	745555,411	4279891,297	282,788
6897	745559,652	4279924,661	279,529
6898	745536,203	4279950,307	282,055
6900	745514,856	4280015,973	285,096
6904	745472,015	4280149,073	291,687
6906	745450,102	4280215,808	292,571
6909	745426,615	4280316,056	291,983
6910	745410,518	4280345,902	290,523
6914	745340,701	4280466,083	285,946
6916	745306,058	4280526,414	286,159
6918	745275,713	4280589,231	288,702
6920	745251,494	4280653,088	290,310
6924	745201,489	4280782,907	298,093
6926	745169,223	4280847,042	302,447
6927	745153,017	4280877,853	303,317
6928	745137,814	4280908,814	303,899
6929	745155,987	4280932,883	304,522
6930	745185,597	4280952,018	304,006
6934	745296,708	4281033,773	301,465
6936	745357,682	4281066,262	299,651
6940	745481,824	4281125,781	294,276
6950	745792,976	4281274,669	284,965
6960	746104,305	4281424,038	278,827
6965	746260,178	4281498,774	281,450
6968	746355,161	4281539,682	285,742
6969	746390,506	4281549,312	287,733
6970	746423,728	4281555,315	289,580
6972	746493,608	4281560,559	293,306
6974	746562,270	4281553,891	296,319
6976	746629,493	4281535,792	298,772
6978	746692,153	4281507,172	300,727
6980	746752,235	4281473,418	302,097
6990	747051,843	4281301,978	308,301
6996	747231,236	4281198,762	314,847
6998	747296,246	4281170,770	317,839
6999	747328,881	4281163,153	319,219
7000	747364,217	4281158,625	320,447
7002	747434,154	4281162,509	323,237
7004	747501,960	4281182,460	326,396
7006	747561,360	4281215,840	328,824
7010	747665,620	4281308,629	333,624
7014	747766,508	4281402,859	333,540
7020	747917,593	4281542,718	333,203
7023	747992,269	4281615,603	334,258
7025	748038,721	4281670,043	337,398
7027	748075,678	4281725,825	339,277
7030	748126,454	4281816,280	341,597
7034	748191,724	4281937,076	344,621
7040	748290,601	4282119,479	346,977
7044	748359,668	4282239,981	348,453
7047	748414,195	4282328,158	350,771
7050	748468,855	4282415,236	354,053
7052	748505,750	4282474,235	356,348
7060	748652,678	4282708,156	361,412
7063	748707,515	4282795,651	363,358
7066	748763,869	4282881,530	367,757
7067	748795,571	4282873,991	367,703
7070	748873,893	4282805,565	366,405
7072	748931,509	4282765,242	362,656

7073	748960,598	4282746,160	361,719
7075	749022,631	4282714,838	364,896
7078	749120,272	4282676,820	370,905
7079	749155,360	4282673,574	370,337
7080	749188,184	4282683,202	369,614
7084	749318,032	4282732,802	369,014
7090	749512,838	4282807,546	371,527
7099	749804,774	4282917,932	381,011
7100	749835,400	4282933,793	382,296
7104	749955,329	4283003,916	387,989
7105	749987,558	4283017,715	389,250
7106	750021,191	4283023,907	391,452
7108	750090,096	4283035,832	394,083
7110	750157,569	4283052,781	392,311
7116	750353,248	4283102,251	385,144
7119	750452,801	4283131,119	385,108
7120	750477,049	4283155,726	384,244
7125	750590,611	4283287,348	382,101
7126	750617,410	4283305,381	383,905
7130	750746,033	4283355,598	391,279
7131	750779,146	4283364,426	394,529
7134	750881,383	4283383,642	399,692
7138	751019,462	4283420,892	400,602
7140	751087,342	4283438,036	400,963
7145	751248,358	4283482,922	399,287
7148	751350,074	4283503,708	396,713
7150	751418,418	4283515,431	394,715
7152	751487,186	4283517,751	392,849
7156	751623,896	4283495,944	388,568
7158	751692,381	4283493,606	386,103
7160	751760,852	4283504,837	383,176
7163	751862,915	4283522,232	378,953
7165	751931,267	4283525,329	377,432
7170	752103,583	4283534,235	375,125
7180	752351,127	4283508,752	364,295
7182	752414,733	4283519,882	366,642
7185	752517,059	4283511,020	368,228
7188	752617,718	4283493,199	370,235
7189	752652,508	4283484,286	370,994
7190	752685,469	4283473,520	373,206
7200	752961,057	4283265,867	385,681
7204	753071,576	4283181,709	387,573
7207	753149,138	4283113,329	388,351
7210	753222,786	4283040,644	388,760
7215	753345,877	4282919,319	389,638
7218	753421,112	4282848,418	389,375
7220	753473,048	4282802,224	388,429
7227	753656,616	4282644,638	387,632
7230	753742,965	4282589,369	386,244
7236	753934,861	4282512,319	381,255
7240	754063,542	4282462,500	381,796
7245	754224,907	4282399,818	381,673
7248	754321,387	4282362,172	379,397
7250	754386,505	4282336,750	377,459
7256	754579,564	4282262,841	374,386
7258	754646,252	4282245,268	373,811
7260	754716,638	4282237,654	371,942
7261	754749,707	4282237,816	370,630
7265	754886,920	4282251,285	366,474
7266	754922,192	4282252,611	365,010
7268	754989,531	4282241,128	363,442

7270	755053,113	4282213,692	362,650
7272	755116,263	4282184,783	361,500
7273	755149,141	4282176,614	361,415
7274	755184,028	4282176,042	360,792
7277	755286,125	4282194,420	359,955
7278	755321,274	4282192,956	359,577
7279	755354,265	4282183,990	359,463
7280	755385,137	4282167,055	360,051
7283	755456,619	4282092,536	362,127
7285	755507,940	4282045,372	364,903
7287	755566,066	4282007,693	368,453
7289	755629,525	4281979,706	372,844
7290	755663,006	4281970,388	374,196
7292	755732,222	4281960,279	377,893
7294	755801,812	4281962,370	381,283
7296	755869,164	4281975,782	384,594
7299	755968,758	4282003,279	388,542
7300	756003,545	4282009,247	389,318
7303	756107,111	4282010,966	390,449
7305	756174,509	4281999,816	390,352
7308	756275,718	4281975,592	388,360
7310	756344,003	4281959,373	385,235
7313	756445,094	4281937,560	381,522
7316	756547,035	4281927,634	380,216
7320	756685,433	4281915,949	382,646
7325	756857,994	4281902,016	387,201
7327	756927,363	4281901,642	390,065
7329	756995,056	4281912,229	391,526
7330	757029,548	4281922,125	392,198
7331	757061,542	4281933,879	393,137
7340	757346,386	4282059,628	395,712
7349	757632,458	4282184,534	402,840
7350	757665,363	4282197,214	403,685
7352	757731,134	4282219,751	404,657
7355	757830,531	4282246,368	406,089
7360	758000,363	4282282,112	408,856
7365	758172,233	4282313,318	414,813
7368	758274,697	4282320,554	417,980
7370	758343,879	4282322,736	420,039
7375	758517,023	4282328,180	422,610
7377	758586,029	4282338,667	422,846
7379	758651,770	4282359,099	424,065
7380	758682,876	4282372,345	424,416
7390	758996,647	4282518,986	435,908
7393	759080,910	4282577,621	440,325
7395	759141,129	4282613,040	444,321
7396	759174,170	4282625,483	445,891
7397	759208,835	4282634,224	447,476
7398	759242,688	4282638,700	449,180
7399	759278,289	4282640,945	451,856
7400	759313,061	4282642,947	454,345
7402	759381,911	4282642,678	458,015
7403	759416,876	4282638,666	459,557
7405	759484,793	4282620,508	463,157
7406	759514,063	4282637,925	465,662
7407	759535,448	4282664,059	467,378
7408	759569,200	4282672,182	469,796
7410	759639,053	4282682,182	472,057
7414	759775,912	4282699,869	474,027
7416	759844,002	4282710,014	474,320
7420	759972,191	4282764,288	471,226

7422	760035,071	4282791,205	469,597
7430	760289,444	4282902,174	468,639
7432	760353,927	4282930,461	469,328
7438	760541,187	4283011,885	464,166
7440	760607,667	4283041,078	465,328
7443	760699,918	4283081,419	465,995
7450	760921,594	4283178,335	460,356
7455	761079,999	4283247,336	455,018
7456	761111,787	4283260,774	455,490
7460	761238,707	4283315,920	462,950
7464	761365,203	4283371,182	468,949
7465	761397,781	4283385,641	468,629
7468	761492,500	4283426,915	465,211
7469	761526,167	4283441,089	465,799
7470	761556,732	4283454,122	468,107
7472	761620,179	4283482,059	472,496
7480	761872,839	4283592,376	472,920
7490	762190,015	4283730,637	471,081
7500	762507,286	4283868,636	466,122
7502	762570,382	4283896,123	463,576
7509	762792,503	4283992,662	451,704
7510	762824,618	4284006,600	450,713
7517	763045,969	4284102,448	449,272
7520	763141,837	4284144,212	456,035
7524	763271,461	4284200,741	463,516
7529	763429,757	4284269,624	468,119
7530	763462,835	4284283,327	468,339
7534	763589,069	4284339,375	465,342
7535	763621,082	4284353,201	465,424
7538	763715,902	4284394,427	470,178
7540	763779,465	4284422,095	470,926
7543	763874,322	4284463,556	473,018
7548	764032,654	4284533,349	481,254
7550	764095,540	4284560,824	480,785
7552	764161,738	4284583,301	479,466
7559	764394,324	4284648,536	473,472
7560	764428,890	4284658,148	472,704
7565	764594,517	4284704,353	465,586
7567	764661,112	4284722,843	464,773
7570	764760,277	4284750,232	466,219
7572	764826,751	4284769,140	466,791
7575	764928,294	4284793,010	464,716
7576	764962,427	4284793,653	462,692
7580	765100,679	4284791,331	454,863
7582	765169,140	4284790,040	452,720
7584	765239,928	4284789,111	454,374
7590	765446,877	4284785,183	463,149
7592	765515,545	4284784,092	465,059
7597	765688,332	4284779,705	466,605
7600	765790,718	4284763,442	469,848
7604	765926,353	4284738,326	473,977
7610	766130,417	4284701,925	476,895
7612	766198,550	4284689,894	475,065
7617	766368,577	4284658,876	467,512
7618	766404,471	4284659,083	466,954
7619	766436,533	4284670,744	465,467
7620	766463,603	4284693,285	464,063
7625	766577,155	4284823,256	466,519
7630	766691,741	4284953,562	474,089
7638	766874,277	4285161,003	486,142
7640	766920,536	4285212,324	486,925

7641	766949,416	4285233,359	486,554
7645	767074,256	4285290,965	481,968
7647	767139,967	4285302,456	479,031
7648	767167,605	4285279,717	477,342
7650	767213,038	4285229,467	473,692
7651	767240,777	4285208,491	471,641
7652	767275,470	4285204,149	469,210
7654	767343,615	4285218,102	463,540
7655	767378,783	4285218,432	460,494
7656	767412,392	4285209,186	458,805
7659	767507,778	4285167,079	457,472
7660	767539,610	4285153,679	459,540
7663	767639,107	4285118,763	467,276
7667	767768,876	4285073,100	475,826
7668	767800,462	4285056,938	478,453
7670	767857,477	4285019,064	481,964
7673	767946,841	4284961,268	488,153
7674	767979,896	4284949,978	490,656
7675	768014,439	4284948,400	492,205
7680	768185,955	4284969,308	499,699
7684	768324,197	4284986,226	508,528
7685	768357,967	4284992,752	510,433
7686	768390,827	4285004,129	510,866
7688	768456,224	4285028,878	509,364
7690	768520,063	4285052,602	507,494
7697	768746,931	4285137,162	503,843
7700	768843,853	4285173,338	499,634
7706	769039,757	4285244,812	497,413
7708	769104,182	4285268,379	494,617
7710	769168,956	4285292,314	490,548
7713	769266,158	4285328,395	485,183
7718	769427,577	4285389,049	486,190
7720	769492,493	4285413,332	483,353
7722	769556,580	4285436,843	482,004
7727	769719,478	4285496,997	487,979
7730	769817,153	4285532,868	484,806
7732	769882,814	4285556,652	483,661
7734	769947,453	4285580,876	486,589
7736	770009,724	4285606,548	485,364
7740	770115,155	4285697,477	477,597
7745	770244,138	4285811,023	472,462
7748	770323,941	4285877,029	467,935
7750	770378,841	4285920,233	467,864
7752	770432,435	4285962,681	468,592
7756	770540,817	4286048,304	471,121
7758	770595,989	4286092,247	469,230
7760	770644,644	4286139,329	467,084
7764	770736,683	4286242,003	469,190
7768	770819,682	4286353,465	470,261
7769	770844,147	4286378,056	469,979
7770	770873,105	4286398,982	470,426
7772	770932,850	4286435,857	467,245
7776	771057,798	4286493,004	457,606
7780	771183,138	4286546,650	448,968
7781	771219,566	4286546,198	446,489
7784	771319,395	4286526,632	440,265
7785	771352,294	4286539,754	438,988
7789	771447,560	4286639,283	432,589
7790	771476,216	4286661,639	430,609
7791	771507,928	4286672,488	428,557
7797	771711,939	4286707,537	418,607



7800	771814,509	4286726,075	416,968
7801	771847,550	4286737,927	416,947
7807	772034,165	4286830,072	415,993
7808	772060,079	4286853,672	415,067
7810	772098,667	4286910,948	413,169
7817	772228,211	4287115,178	408,188
7818	772256,240	4287134,978	407,082
7819	772290,522	4287131,521	406,885
7820	772321,988	4287117,659	407,237
7824	772447,779	4287061,301	412,223
7826	772512,580	4287032,823	416,288
7827	772546,724	4287028,592	418,585
7828	772580,798	4287039,103	420,499
7830	772646,185	4287062,510	423,921
7833	772746,040	4287098,796	431,227
7834	772779,443	4287105,389	431,378
7835	772813,913	4287104,843	430,352
7839	772949,717	4287082,188	421,124
7840	772985,389	4287076,076	420,770
7842	773053,100	4287070,468	421,818
7845	773157,067	4287071,059	420,299
7846	773191,715	4287066,954	419,232
7847	773218,006	4287045,932	418,909
7848	773229,578	4287013,055	418,062
7850	773242,539	4286945,059	415,243
7851	773251,936	4286911,511	413,997
7852	773276,297	4286886,299	413,993
7853	773306,047	4286866,733	414,850
7856	773392,912	4286810,443	422,059
7857	773423,295	4286791,374	422,898
7858	773456,027	4286780,330	423,047
7859	773486,886	4286792,955	423,353
7860	773485,833	4286825,169	425,712
7862	773445,098	4286881,403	430,509
7863	773426,621	4286910,966	432,215
7864	773416,267	4286945,137	435,000
7865	773416,136	4286980,308	436,653
7866	773424,386	4287014,152	438,647
7868	773452,340	4287077,793	443,478
7870	773464,626	4287145,447	447,522
7873	773486,707	4287248,397	453,337
7876	773523,382	4287345,932	455,900
7877	773540,528	4287375,958	457,027
7878	773567,927	4287398,275	458,651
7880	773629,022	4287430,418	456,470
7881	773659,835	4287445,930	453,996
7882	773693,383	4287454,275	450,852
7883	773728,653	4287451,682	447,462
7884	773760,723	4287438,944	444,685
7888	773884,440	4287377,201	434,748
7889	773919,611	4287375,289	431,969
7890	773953,165	4287381,174	428,769
7892	774021,658	4287394,962	423,207
7894	774088,787	4287408,536	420,950
7895	774121,303	4287421,368	421,635
7900	774252,309	4287534,522	429,285
7902	774305,218	4287581,388	430,908
7906	774409,158	4287672,930	429,791
7910	774512,508	4287764,517	428,823
7914	774616,780	4287855,929	427,599
7915	774647,784	4287872,076	425,681

7920	774816,128	4287913,561	414,459
7925	774983,102	4287953,990	402,656
7927	775050,077	4287970,295	400,546
7930	775151,420	4287994,072	398,756
7935	775320,497	4288033,561	391,081
7937	775388,962	4288043,449	387,896
7938	775423,248	4288049,278	385,243
7940	775489,167	4288070,936	378,707
7945	775649,986	4288132,577	367,511
7950	775811,633	4288194,319	357,183
7960	776134,954	4288318,007	351,516
7961	776169,433	4288322,986	350,859
7962	776204,951	4288322,003	350,480
7968	776411,698	4288298,520	349,758
7970	776481,886	4288303,876	352,079
7973	776587,668	4288314,663	357,549
7974	776622,160	4288319,332	357,788
7978	776758,529	4288337,668	356,501
7980	776827,323	4288347,282	357,402
7983	776931,915	4288361,465	361,337
7989	777137,181	4288389,745	367,645
7990	777172,459	4288394,528	369,638
7992	777241,471	4288402,844	373,520
7993	777275,798	4288401,176	375,764
7995	777345,163	4288385,138	381,865
7997	777413,840	4288382,082	387,253
7998	777448,543	4288388,992	389,590
8000	777512,839	4288412,879	393,159
8004	777644,918	4288462,061	402,411
8005	777679,962	4288465,269	404,533
8006	777713,898	4288476,215	405,948
8008	777783,145	4288482,445	411,362
8009	777817,879	4288485,451	414,404
8010	777850,914	4288498,253	417,045
8011	777881,489	4288516,355	419,837
8013	777942,172	4288551,542	426,242
8014	777975,168	4288572,393	432,249
8016	778016,309	4288600,718	434,823
8018	778068,634	4288654,750	429,804
8020	778123,772	4288720,157	418,418
8022	778170,209	4288774,698	413,991
8024	778223,208	4288826,449	416,042
8025	778250,105	4288851,375	417,829
8026	778277,627	4288879,397	418,145
8027	778299,679	4288908,361	417,620
8029	778336,671	4288968,926	419,251
8031	778365,490	4289035,920	420,324
8032	778388,400	4289065,009	420,468
8033	778412,167	4289093,677	419,656
8034	778443,522	4289112,075	417,760
8035	778465,538	4289138,540	409,838
8036	778498,043	4289153,163	402,758
8038	778569,683	4289169,276	400,529
8040	778640,707	4289176,595	395,389
8044	778780,055	4289160,384	392,215
8046	778852,400	4289151,947	394,138
8048	778924,492	4289124,795	397,282
8049	778958,995	4289120,243	393,492
8050	778979,176	4289152,580	388,689
8051	778997,256	4289183,102	384,435
8053	779024,283	4289248,529	379,111

8054	779031,948	4289284,445	377,261
8055	779034,197	4289319,123	375,157
8057	779067,631	4289378,617	375,348
8058	779094,165	4289390,979	378,035
8059	779129,488	4289380,345	378,772
8060	779157,467	4289353,794	376,713
8061	779179,137	4289335,866	378,351
8065	779311,818	4289304,495	389,440
8066	779347,761	4289297,941	393,454
8067	779375,669	4289301,974	396,298
8068	779403,258	4289321,901	396,186
8069	779437,903	4289322,670	397,726
8070	779473,025	4289323,274	398,661
8071	779508,480	4289321,935	402,785
8080	779814,631	4289271,263	413,091
8084	779951,016	4289248,688	415,826
8087	780020,249	4289237,764	417,326
8089	780123,944	4289234,325	416,696
8090	780158,160	4289227,084	415,152
8091	780185,160	4289206,197	412,685
8093	780235,971	4289158,769	407,972
8096	780320,104	4289097,766	401,447
8097	780351,098	4289083,614	400,875
8100	780449,970	4289054,966	401,514
8104	780583,386	4289016,725	402,839
8110	780770,697	4288928,106	406,008
8111	780803,529	4288914,709	407,115
8114	780906,064	4288903,076	409,879
8115	780940,699	4288903,432	410,692
8119	781073,691	4288943,389	412,579
8120	781102,661	4288962,663	413,038
8126	781260,771	4289095,667	418,015
8130	781371,663	4289178,453	422,808
8132	781427,306	4289217,998	420,435
8136	781541,894	4289296,841	419,886
8137	781575,011	4289302,943	420,458
8140	781679,834	4289300,274	422,373
8142	781748,811	4289295,082	423,668
8143	781782,798	4289290,453	424,571
8144	781814,311	4289304,559	425,109
8148	781932,746	4289375,493	428,366
8149	781963,029	4289391,807	429,095
8150	781997,614	4289395,990	429,583
8156	782205,413	4289394,451	432,086
8157	782240,332	4289400,535	432,753
8160	782334,915	4289441,817	433,836
8165	782492,851	4289511,605	436,701
8166	782527,783	4289519,829	437,974
8167	782562,133	4289522,140	439,300
8168	782596,659	4289519,938	440,282
8170	782665,856	4289511,170	442,354
8171	782700,700	4289505,907	443,123
8172	782734,158	4289495,476	443,171
8173	782768,004	4289481,783	442,765
8174	782801,273	4289481,060	442,887
8178	782934,853	4289515,883	446,200
8180	783000,569	4289533,575	448,489
8181	783033,669	4289546,112	449,810
8182	783050,017	4289575,879	449,759
8186	783082,904	4289710,916	448,378
8188	783100,204	4289776,913	449,058

8189	783121,696	4289804,728	449,702
8190	783150,218	4289825,444	450,614
8194	783263,148	4289903,263	455,214
8195	783295,883	4289914,551	456,512
8200	783461,278	4289964,424	461,728
8204	783593,541	4290004,967	465,853
8205	783628,341	4290012,236	466,204
8206	783662,059	4290009,308	466,681
8214	783935,581	4289963,261	465,541
8215	783969,347	4289957,891	465,044
8216	784003,724	4289955,170	463,222
8220	784141,484	4289948,929	455,650
8222	784211,964	4289945,971	452,920
8223	784245,837	4289955,552	451,674
8225	784308,190	4289985,493	449,690
8227	784371,190	4290015,191	450,395
8228	784401,215	4290031,327	450,962
8229	784424,656	4290056,667	451,786
8230	784445,806	4290085,868	452,936
8233	784505,767	4290169,802	456,116
8236	784560,850	4290257,318	454,784
8237	784584,189	4290284,420	454,231
8238	784608,483	4290308,696	454,184
8240	784658,322	4290357,760	456,978
8244	784756,482	4290455,831	462,010
8246	784806,837	4290503,527	460,176
8247	784833,151	4290524,489	457,799
8248	784859,684	4290546,991	456,433
8250	784914,637	4290590,795	453,530
8252	784966,533	4290637,343	451,329
8254	785015,027	4290688,177	448,481
8256	785057,189	4290742,778	444,651
8258	785103,807	4290794,250	440,926
8260	785165,985	4290827,115	437,837
8262	785228,906	4290857,873	435,190
8264	785291,410	4290887,765	432,706
8265	785318,302	4290910,004	433,172
8266	785349,815	4290930,280	430,113
8267	785379,143	4290950,304	427,119
8268	785407,107	4290973,080	425,010
8270	785468,628	4291005,656	424,224
8272	785527,314	4291041,179	422,696
8274	785572,470	4291091,942	422,024
8275	785602,164	4291108,537	421,789
8276	785632,449	4291125,800	420,743
8278	785686,826	4291168,351	418,749
8280	785740,542	4291210,988	415,820
8283	785819,882	4291277,350	414,570
8288	785932,142	4291406,173	409,419
8289	785976,044	4291458,685	408,117
8290	785976,043	4291458,872	408,377
8292	786024,534	4291508,043	405,041
8296	786136,946	4291586,532	400,919
8300	786250,645	4291666,280	399,224
8307	786447,850	4291803,387	396,808
8308	786478,237	4291821,083	397,701
8310	786540,788	4291850,088	397,316
8319	786822,917	4291978,707	394,302
8320	786855,629	4291991,680	393,576
8321	786889,582	4292000,410	392,808
8327	787091,141	4292046,450	392,377

8329	787160,012	4292060,482	393,625
8330	787191,809	4292050,405	394,271
8331	787217,253	4292025,993	394,920
8332	787247,328	4292009,524	395,681
8333	787280,872	4292017,306	395,848
8340	787500,654	4292117,031	399,624
8342	787565,783	4292145,705	400,321
8343	787595,754	4292164,817	400,906
8344	787620,457	4292188,987	401,026
8350	787762,218	4292341,367	400,914
8352	787808,771	4292391,108	401,922
8353	787834,417	4292416,499	402,236
8357	787939,154	4292506,059	402,617
8358	787966,969	4292528,478	402,677
8360	788023,815	4292569,159	403,258
8362	788081,786	4292606,952	403,951
8370	788329,313	4292728,566	406,686
8371	788361,000	4292743,961	407,159
8435	789843,636	4294463,056	410,546
8440	789993,450	4294547,488	408,288
8441	790025,023	4294564,875	409,034
8442	790053,965	4294585,672	409,454
8444	790111,801	4294622,577	406,914
8450	790284,835	4294736,928	406,949
8455	790420,351	4294843,996	405,647
8460	790555,458	4294950,953	404,939
8463	790636,542	4295014,817	405,060
8470	790820,671	4295171,348	407,336
8471	790846,860	4295194,409	407,494
8476	790974,869	4295308,799	413,425
8477	791003,557	4295329,510	414,436
8478	791032,843	4295349,221	415,800
8479	791059,236	4295370,985	417,425
8480	791082,486	4295396,627	418,385
8485	791196,287	4295525,420	422,642
8486	791225,097	4295545,280	422,622
8490	791355,707	4295586,252	423,740
8494	791488,331	4295626,952	424,686
8495	791521,391	4295640,646	425,068
8498	791613,276	4295691,100	425,495
8499	791642,773	4295707,215	425,540
8500	791674,484	4295724,966	426,867
8501	791704,615	4295741,857	428,112
8502	791734,338	4295760,484	429,344
8505	791812,843	4295827,445	431,575
8507	791865,765	4295872,064	432,717
8508	791894,542	4295891,136	433,165
8510	791957,575	4295921,364	433,967
8518	792207,638	4296038,869	435,513
8520	792269,191	4296067,876	437,067
8525	792425,886	4296141,261	441,287
8526	792458,566	4296153,608	442,088
8530	792590,964	4296193,080	443,243
8531	792625,853	4296202,426	443,683
8537	792827,194	4296251,802	441,014
8540	792925,378	4296284,577	439,334
8545	793089,529	4296340,800	438,486
8550	793252,079	4296396,674	437,418
8554	793385,114	4296435,335	436,395
8555	793419,704	4296439,216	436,569
8560	793592,940	4296436,986	435,959

8564	793731,280	4296436,379	435,917
8570	793938,473	4296437,384	435,135
8574	794077,615	4296438,453	434,649
8575	794113,462	4296438,680	434,051
8576	794147,603	4296441,194	433,752
8580	794284,919	4296458,637	432,299
8581	794319,956	4296463,091	432,406
8582	794354,841	4296465,204	430,686
8586	794490,249	4296438,938	423,407
8587	794525,445	4296434,056	421,646
8588	794552,383	4296453,995	419,617
8590	794571,932	4296519,887	416,291
8591	794581,415	4296552,155	414,784
8592	794597,288	4296583,396	413,297
8593	794621,708	4296609,303	410,685
8597	794717,090	4296708,659	404,065
8598	794742,527	4296732,446	401,796
8599	794772,744	4296750,141	399,510
8600	794806,902	4296760,514	396,444
8601	794842,505	4296758,187	394,097
8606	795013,963	4296742,929	385,554
8607	795048,990	4296744,920	384,216
8608	795070,836	4296770,328	381,827
8609	795081,291	4296803,851	379,912
8610	795091,637	4296837,012	379,436
8612	795114,309	4296903,584	379,350
8613	795134,247	4296933,483	377,884
8620	795055,567	4297147,428	373,202
8622	794989,344	4297169,426	373,932
8623	794968,082	4297192,640	373,618
8625	795009,835	4297241,485	372,355
8629	795134,702	4297302,666	368,332
8632	795235,972	4297330,681	365,577
8634	795298,711	4297360,705	364,601
8636	795361,526	4297390,136	365,364
8638	795414,910	4297434,773	364,625
8640	795471,664	4297475,928	362,288
8642	795507,590	4297536,111	357,899
8644	795500,891	4297602,688	355,868
8646	795515,865	4297671,053	358,787
8648	795534,356	4297738,892	363,500
8650	795553,046	4297804,958	367,604
8653	795540,737	4297909,062	369,564
8658	795600,791	4298069,324	370,544
8660	795624,837	4298134,568	370,629