

Schedule 238-47484-sSa-IF-1-1

Schedule information

Route:	238	No. of vehicles used on schedule:	16
Service change:	47484 - SCHEDULE	Implementation date:	28 October 2017
Day type:	sSa - Special Saturday		
Operator:	IF - EAST LONDON		
Option:	1	Version:	1
Schedule comment:		Option comment:	Option 1

Timing points

Timing point

BARKSN S BARKING STATION STAND

BARKSN Barking Station

BARKSN Barking Station

BK BARKING (EAST LONDON BUSES)

EHAMSN East Ham Station

EHAMSN East Ham Station

EHAMTH East Ham, Newham Town Hall

EHAMTH East Ham, Newham Town Hall

PLSRGS Plashet Road, Green Street

PLSRGS Plashet Road, Green Street

PORTPR Portway, Plashet Road

PORTPR Portway, Plashet Road

STFDDBS S Stratford Bus Station Stand

STFDDBS Stratford Bus Station

STFDDBS Stratford Bus Station

WH GR S West Ham Bus Garage Stand

WH WEST HAM

Transit node

J4102 BARKING L U/B R STATION

W401 BARKING STATION

W402 BARKING STATION

J4310 BARKING BUS GARAGE - EAST LONDON BUSES

AE12 EAST HAM STATION

AE12 EAST HAM STATION

AE04 EAST HAM TOWN HALL

AE13 BARKING RD OPP TOWN HALL

AG06 PLASHET ROAD GREEN ST

AG06 PLASHET ROAD GREEN ST

A311 PORTWAY/PLASHET ROAD

A311 PORTWAY/PLASHET ROAD

J3128 STRATFORD L U/B R/D L R/BUS STATIONS

A901 STRATFORD BUS STATION

A901 STRATFORD BUS STATION

J3324 WEST HAM BUS GARAGE

J3324 WEST HAM BUS GARAGE

Stop

BARKSN BARKING STATION S

BP5755 Barking Station

LE171 Barking Station

BK BARKING (EAST LONDON BUSES)

27642 East Ham Station

2899 East Ham Station

696 Newham Town Hall

BP781 Newham Town Hall

9078 Penge Road

9079 Plashet Road

9084 Upton Lane

9085 Upton Lane

STFDDBS Stratford Bus Station S

BP5307 Stratford Bus Station

BP975 Stratford Bus Station

WH GR West Ham Bus Garage Stand S

WH WEST HAM

Crosslinks

This schedule has 5 trips with crosslinks.

Previous		Next		Timing Point	Time
Route	Trip	Route	Trip		
238	179	N238	301	West Ham Bus Garage Stand (WH GR S)	2337
238	185	N238	302	BARKING STATION STAND (BARKSN S)	2406
238	187	N238	305	West Ham Bus Garage Stand (WH GR S)	2436
238	189	N238	304	BARKING STATION STAND (BARKSN S)	2435
238	195	N238	306	BARKING STATION STAND (BARKSN S)	2505

Trip No.	Duty Start	Duty End	Bus Run No.	BK	WH	WH GR S	STFDB S S	STFDB S	PORTP R	PLSRG S	EHAMS N	EHAMT H	BARKS N	BARKS N S	WH GR S	WH	Form Time	Next Trip
				J4310	J3324	J3324	J3128	A901	A311	AG06	AE12	AE13	W402	J4102	J3324	J3324		
				BK	WH	WH GR S	STFDB S S	BP975	9085	9079	2899	BP781	LE171	BARKS N S	WH GR S	WH		
				Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.		
1	1502	1502	513		0524		0542	0543	0550	0553	0558	0602	0609	0610			0615	6
3	1504	1504	504		0544		0602	0603	0610	0613	0618	0622	0629	0630			0635	8
5	1501	1501	508				0622	0623	0630	0633	0638	0642	0649	0650			0655	10
7	1503	1503	512				0642	0643	0650	0653	0658	0702	0709	0710			0715	12
9	1502	1502	513				0701	0702	0709	0712	0718	0722	0729	0730			0735	14
11	1504	1504	504				0721	0722	0729	0732	0738	0742	0749	0750			0805	18
13	1505	1505	508				0741	0742	0749	0752	0758	0802	0810	0811			0820	20
15	1503	1503	512				0801	0802	0809	0812	0818	0823	0831	0832			0849	24
17	1502	1502	513				0816	0817	0825	0828	0834	0839	0847	0848			0859	26
19	1506	1506	502				0831	0832	0840	0843	0849	0855	0903	0905			0918	30
21	1504	1504	504				0846	0847	0855	0858	0905	0911	0919	0921			0938	34
23	1508	1508	506		0835		0856	0857	0905	0908	0915	0921	0929	0931			0947	36
25	1505	1505	508				0906	0907	0915	0918	0925	0931	0939	0941			0956	38
27	1509	1509	510		0855		0916	0917	0925	0928	0935	0941	0949	0951			1005	40
29	1507	1507	511				0926	0927	0935	0938	0945	0951	0959	1001			1015	42
31	1503	1503	512				0936	0937	0945	0948	0955	1001	1010	1012			1025	44
33	1511	1511	513				0946	0947	0955	0958	1005	1012	1021	1023			1035	46
35	1501	1501	501				0955	0956	1004	1007	1015	1023	1032	1034			1045	48
37	1506	1506	502				1003	1005	1014	1017	1025	1033	1042	1044			1054	50
39	1510	1510	503				1013	1015	1024	1027	1035	1043	1052	1054			1104	52
41	1502	1502	504				1023	1025	1034	1037	1045	1053	1102	1104			1114	54
43	1508	1508	506				1033	1035	1044	1047	1055	1103	1113	1115			1124	56
45	1505	1505	508				1043	1045	1054	1057	1105	1114	1124	1126			1143	60
47	1512	1512	509		1031		1052	1054	1103	1107	1116	1125	1135	1137			1152	62
49	1509	1509	510				1102	1104	1114	1118	1127	1136	1146	1148			1202	64
51	1507	1507	511				1112	1114	1124	1128	1137	1146	1156	1158			1212	66
53	1513	1513	512				1122	1124	1134	1138	1147	1156	1206	1208			1222	68
55	1511	1511	513				1132	1134	1144	1148	1157	1206	1217	1219			1232	70
57	1501	1501	501				1141	1143	1153	1157	1206	1217	1228	1230			1242	72
59	1504	1504	502				1151	1153	1203	1207	1217	1228	1239	1241			1252	74
61	1503	1503	503				1201	1203	1213	1217	1227	1238	1249	1251			1302	76
63	1502	1502	504				1211	1213	1223	1227	1237	1248	1259	1301			1312	78
65	1515	1515	505		1158		1221	1223	1233	1237	1247	1258	1309	1311			1322	80
67	1506	1506	506				1230	1232	1242	1246	1256	1307	1319	1321			1332	82

Trip No.	BK	WH	WH GR S	BARKS N S	BARKS N	EHAMT H	EHAMS N	PLSRG S	PORTP R	STFDB S	STFDB S S	WH	Bus Run No.	Duty Start	Duty End	Form Time	Next Trip
	J4310	J3324	J3324	J4102	W401	AE04	AE12	AG06	A311	A901	J3128	J3324					
	BK	WH	WH GR S	BARKS N S	BP5755	696	27642	9078	9084	BP5307	STFDB S S	WH					
	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.					
2		0519		0535	0535	0542	0546	0551	0555	0602	0602		508	1501	1501	0622	5
4		0539		0555	0555	0602	0606	0611	0616	0623	0623		512	1503	1503	0642	7
6				0615	0615	0622	0626	0631	0636	0643	0643		513	1502	1502	0701	9
8				0635	0635	0642	0646	0651	0656	0703	0703		504	1504	1504	0721	11
10				0655	0655	0702	0706	0711	0716	0723	0723 R		508	1501	1501	0741	13
12				0715	0715	0723	0727	0732	0737	0744	0744		512	1503	1503	0801	15
14				0735	0735	0743	0747	0752	0757	0804	0804		513	1502	1502	0816	17
16		0734		0750	0750	0758	0802	0806	0811	0819	0819		502	1506	1506	0831	19
18				0805	0805	0813	0818	0822	0827	0835	0835		504	1504	1504	0846	21
20				0820	0820	0828	0833	0837	0842	0850	0850		508	1505	1505	0906	25
22		0819		0835	0835	0843	0848	0852	0857	0905	0906		511	1507	1507	0926	29
24				0849	0849	0857	0903	0908	0913	0921	0922		512	1503	1503	0936	31
26				0859	0859	0907	0913	0918	0923	0931	0932 R		513	1502	1502	0946	33
28		0850		0908	0908	0917	0923	0928	0933	0941	0942		501	1501	1501	0955	35
30				0918	0918	0927	0933	0938	0943	0951	0952		502	1506	1506	1003	37
32		0910		0928	0928	0937	0943	0948	0953	1001	1003		503	1510	1510	1013	39
34				0938	0938	0947	0953	0958	1003	1012	1014 R		504	1504	1504	1023	41
36				0947	0947	0956	1002	1008	1014	1023	1025		506	1508	1508	1033	43
38				0956	0956	1005	1012	1018	1024	1033	1035		508	1505	1505	1043	45
40				1005	1005	1015	1022	1028	1034	1043	1045		510	1509	1509	1102	49
42				1015	1015	1025	1032	1038	1044	1053	1055		511	1507	1507	1112	51
44				1025	1025	1035	1042	1048	1054	1103	1105 R		512	1503	1503	1122	53
46				1035	1035	1045	1052	1058	1104	1114	1116		513	1511	1511	1132	55
48				1045	1045	1055	1102	1108	1114	1124	1126		501	1501	1501	1141	57
50				1054	1054	1104	1112	1118	1124	1134	1136 R		502	1506	1506	1151	59
52				1104	1104	1115	1123	1129	1135	1145	1147 R		503	1510	1510	1201	61
54				1114	1114	1126	1134	1140	1146	1156	1158		504	1502	1502	1211	63
56				1124	1124	1136	1144	1150	1156	1206	1208 R		506	1508	1508	1230	67
58		1112		1134	1134	1146	1154	1200	1207	1217	1219		507	1514	1514	1240	69
60				1143	1143	1155	1204	1210	1217	1227	1229 R		508	1505	1505	1250	71
62				1152	1152	1205	1214	1221	1228	1238	1240 R		509	1512	1512	1300	73
64				1202	1202	1215	1224	1231	1238	1248	1250 R		510	1509	1509	1309	75
66				1212	1212	1225	1234	1241	1248	1258	1300 R		511	1507	1507	1319	77
68				1222	1222	1235	1244	1251	1258	1308	1310		512	1513	1513	1328	79
70				1232	1232	1245	1254	1301	1308	1318	1320 R		513	1511	1511	1337	81

Trip No.	Duty Start	Duty End	Bus Run No.	BK	WH	WH GR S	STFDB S S	STFDB S	PORTP R	PLSRG S	EHAMS N	EHAMT H	BARKS N	BARKS N S	WH GR S	WH	Form Time	Next Trip
				J4310	J3324	J3324	J3128	A901	A311	AG06	AE12	AE13	W402	J4102	J3324	J3324		
				BK	WH	WH GR S	STFDB S S	BP975	9085	9079	2899	BP781	LE171	BARKS N S	WH GR S	WH		
				Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.		
69	1514	1514	507				1240	1242	1252	1256	1306	1317	1329	1331			1342	84
71	1510	1510	508				1250	1252	1302	1306	1316	1327	1339	1341			1352	86
73	1516	1516	509				1300	1302	1312	1316	1326	1337	1349	1351			1402	88
75	1517	1517	510				1309	1311	1322	1326	1336	1347	1359	1401			1412	90
77	1505	1505	511				1319	1321	1332	1336	1346	1357	1409	1411			1422	92
79	1513	1513	512				1328	1330	1341	1345	1355	1406	1419	1421			1432	94
81	1508	1508	513				1337	1339	1350	1354	1404	1416	1429	1431			1442	96
83	1518	1518	501				1346	1348	1359	1404	1414	1426	1439	1441			1452	98
85	1509	1509	502				1356	1358	1409	1414	1424	1436	1449	1451			1502	100
87	1507	1507	503				1406	1408	1419	1424	1434	1446	1459	1501			1512	102
89	1511	1511	504				1416	1418	1429	1434	1444	1456	1509	1511			1522	104
91	1519	1519	505				1426	1428	1439	1444	1454	1506	1519	1521			1532	106
93	1506	1506	506				1436	1438	1449	1454	1504	1516	1529	1531			1542	108
95	1512	1512	507				1446	1448	1459	1504	1514	1526	1539	1541			1552	110
97	1510	1510	508				1456	1458	1509	1514	1524	1536	1549	1551			1602	112
99	1516	1516	509				1506	1508	1519	1524	1534	1546	1559	1601			1612	114
101	1515	1515	510				1516	1518	1529	1534	1544	1556	1609	1611			1622	116
103	1514	1514	511				1526	1528	1539	1544	1554	1606	1619	1621			1632	118
105	1520	1520	512				1536	1538	1549	1554	1604	1616	1629	1631			1642	120
107	1508	1508	513				1547	1549	1600	1604	1614	1626	1639	1641			1652	122
109	1517	1517	501				1557	1559	1610	1614	1624	1636	1649	1651			1702	124
111	1509	1509	502				1607	1609	1620	1624	1634	1646	1659	1701			1712	126
113	1513	1513	503				1617	1619	1630	1634	1644	1656	1709	1711			1722	128
115	1511	1511	504				1627	1629	1640	1644	1654	1706	1719	1721			1732	130
117	1521	1521	505				1637	1639	1650	1654	1704	1716	1729	1731			1742	132
119	1518	1518	506				1647	1649	1700	1704	1714	1726	1739	1741			1752	134
121	1512	1512	507				1657	1659	1710	1714	1724	1736	1749	1751			1803	136
123	1522	1522	508				1707	1709	1720	1724	1734	1746	1759	1801			1813	138
125	1519	1519	509				1717	1719	1730	1734	1744	1756	1809	1811			1823	140
127	1515	1515	510				1727	1729	1740	1744	1754	1806	1818	1820			1833	142
129	1514	1514	511				1737	1739	1750	1754	1804	1815	1827	1829		1853 F		
131	1523	1523	512				1747	1749	1800	1804	1813	1824	1836	1838			1844	144
133	1516	1516	513				1758	1800	1811	1815	1824	1834	1846	1848			1854	146
135	1517	1517	501				1808	1809	1820	1824	1833	1843	1855	1857			1905	148

Trip No.	BK	WH	WH GR S	BARKS N S	BARKS N	EHAMT H	EHAMS N	PLSRG S	PORTP R	STFDB S	STFDB S S	WH	Bus Run No.	Duty Start	Duty End	Form Time	Next Trip
	J4310	J3324	J3324	J4102	W401	AE04	AE12	AG06	A311	A901	J3128	J3324					
	BK	WH	WH GR S	BARKS N S	BP5755	696	27642	9078	9084	BP5307	STFDB S S	WH					
	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.					
72				1242	1242	1255	1304	1312	1319	1329	1331 F		501	1501	1501	1346	83
74				1252	1252	1305	1314	1322	1329	1339	1341 F		502	1504	1504	1356	85
76				1302	1302	1316	1325	1333	1340	1350	1352 F		503	1503	1503	1406	87
78				1312	1312	1326	1335	1343	1350	1401	1402 F		504	1502	1502	1416	89
80				1322	1322	1336	1345	1353	1400	1411	1412 R		505	1515	1515	1426	91
82				1332	1332	1346	1355	1403	1410	1421	1422		506	1506	1506	1436	93
84				1342	1342	1356	1405	1413	1420	1431	1432 R		507	1514	1514	1446	95
86				1352	1352	1406	1415	1423	1430	1441	1442		508	1510	1510	1456	97
88				1402	1402	1416	1425	1433	1440	1451	1452		509	1516	1516	1506	99
90				1412	1412	1427	1436	1444	1451	1501	1502 R		510	1517	1517	1516	101
92				1422	1422	1437	1446	1454	1501	1511	1512 F		511	1505	1505	1526	103
94				1432	1432	1447	1456	1504	1511	1521	1522 R		512	1513	1513	1536	105
96				1442	1442	1457	1506	1514	1521	1531	1532		513	1508	1508	1547	107
98				1452	1452	1507	1516	1524	1531	1541	1542 R		501	1518	1518	1557	109
100				1502	1502	1516	1525	1533	1540	1550	1551		502	1509	1509	1607	111
102				1512	1512	1526	1535	1543	1550	1600	1601 F		503	1507	1507	1617	113
104				1522	1522	1536	1545	1553	1600	1610	1611		504	1511	1511	1627	115
106				1532	1532	1546	1555	1603	1610	1620	1621 R		505	1519	1519	1637	117
108				1542	1542	1556	1605	1613	1620	1630	1631 F		506	1506	1506	1647	119
110				1552	1552	1606	1615	1623	1630	1640	1641		507	1512	1512	1657	121
112				1602	1602	1615	1624	1632	1639	1649	1650 F		508	1510	1510	1707	123
114				1612	1612	1625	1634	1642	1649	1659	1700 R		509	1516	1516	1717	125
116				1622	1622	1635	1644	1652	1659	1709	1710		510	1515	1515	1727	127
118				1632	1632	1645	1654	1702	1709	1719	1720		511	1514	1514	1737	129
120				1642	1642	1655	1704	1712	1719	1729	1730 R		512	1520	1520	1747	131
122				1652	1652	1705	1714	1722	1729	1739	1740 F		513	1508	1508	1758	133
124				1702	1702	1715	1724	1732	1739	1749	1750		501	1517	1517	1808	135
126				1712	1712	1725	1734	1742	1749	1759	1800	1823 F	502	1509	1509		
128				1722	1722	1735	1744	1752	1759	1809	1810		503	1513	1513	1819	137
130				1732	1732	1745	1754	1802	1809	1819	1820 F		504	1511	1511	1829	139
132				1742	1742	1755	1804	1812	1819	1829	1830		505	1521	1521	1839	141
134				1752	1752	1805	1814	1822	1829	1839	1840		506	1518	1518	1849	143
136				1803	1803	1815	1824	1832	1839	1849	1850		507	1512	1512	1859	145
138				1813	1813	1825	1834	1842	1849	1859	1900		508	1522	1522	1909	147
140				1823	1823	1835	1844	1852	1859	1909	1909		509	1519	1519	1919	149

Trip No.	Duty Start	Duty End	Bus Run No.	BK	WH	WH GR S	STFDB S S	STFDB S	PORTP R	PLSRG S	EHAMS N	EHAMT H	BARKS N	BARKS N S	WH GR S	WH	Form Time	Next Trip
				J4310	J3324	J3324	J3128	A901	A311	AG06	AE12	AE13	W402	J4102	J3324	J3324		
				BK	WH	WH GR S	STFDB S S	BP975	9085	9079	2899	BP781	LE171	BARKS N S	WH GR S	WH		
				Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.		
137	1513	1513	503				1819	1820	1831	1835	1844	1854	1905	1906			1915	150
139	1520	1520	504				1829	1830	1841	1845	1854	1904	1914	1915			1930	152
141	1521	1521	505				1839	1840	1851	1855	1904	1913	1923	1924	1948 R		2038	164
143	1518	1518	506				1849	1850	1901	1905	1914	1923	1933	1934			1945	154
145	1512	1512	507				1859	1900	1910	1914	1923	1932	1942	1943		2007 F		
147	1522	1522	508				1909	1910	1920	1924	1933	1942	1952	1953			2000	156
149	1519	1519	509				1919	1920	1930	1934	1943	1952	2002	2003			2015	158
151	1515	1515	510				1929	1930	1940	1944	1953	2002	2011	2012		2034 F		
153	1523	1523	512				1939	1940	1950	1954	2003	2011	2020	2021			2030	160
155	1516	1516	513				1949	1950	2000	2004	2013	2020	2029	2030			2045	162
157	1517	1517	501				2004	2005	2015	2019	2028	2035	2044	2045		2107 F		
159	1520	1520	504				2019	2020	2030	2034	2043	2050	2059	2100			2115	166
161	1518	1518	506				2034	2035	2045	2049	2057	2104	2113	2114		2130 F		
163	1522	1522	508				2049	2050	2100	2104	2112	2118	2127	2128	2144 R		2304	183
165	1519	1519	509				2104	2105	2114	2118	2126	2132	2141	2142			2200	172
167	1523	1523	512				2119	2120	2129	2133	2141	2146	2155	2156	2212 R		2313	184
169	971	971	971	2112			2134	2135	2144	2148	2156	2201	2209	2210			2215	174
171	1521	1521	505				2149	2150	2159	2203	2210	2215	2223	2224			2230	176
173	1520	1520	504				2204	2205	2214	2217	2224	2229	2237	2238			2245	178
175	972	972	972				2219	2220	2228	2231	2238	2243	2251	2252			2300	180
177	973	973	973				2234	2235	2243	2246	2252	2257	2305	2306			2315	182
179	971	971	971				2249	2250	2258	2301	2307	2312	2320	2321	2337 R			N238 / 301
181	1521	1521	505				2304	2305	2313	2316	2322	2327	2335	2336			2345	186
183	1522	1522	508		2304		2319	2320	2328	2331	2337	2342	2350	2351			2400	188
185	972	972	972				2334	2335	2343	2346	2352	2357	2405	2406				N238 / 302
187	973	973	973				2349	2350	2358	2401	2407	2412	2419	2420	2436 R			N238 / 305
189	1523	1523	512				2404	2405	2413	2416	2422	2427	2434	2435				N238 / 304
193	1521	1521	505				2419	2420	2428	2431	2437	2442	2449	2450		2506 F		
195	1522	1522	508				2434	2435	2443	2446	2452	2457	2504	2505				N238 / 306

Trip No.	BK	WH	WH GR S	BARKS N S	BARKS N	EHAMT H	EHAMS N	PLSRG S	PORTP R	STFDB S	STFDB S S	WH	Bus Run No.	Duty Start	Duty End	Form Time	Next Trip
	J4310	J3324	J3324	J4102	W401	AE04	AE12	AG06	A311	A901	J3128	J3324					
	BK	WH	WH GR S	BARKS N S	BP5755	696	27642	9078	9084	BP5307	STFDB S S	WH					
	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.	Dep.					
142				1833	1833	1845	1854	1902	1909	1919	1919		510	1515	1515	1929	151
144				1844	1844	1856	1905	1911	1918	1928	1928		512	1523	1523	1939	153
146				1854	1854	1906	1915	1921	1928	1938	1938		513	1516	1516	1949	155
148				1905	1905	1916	1925	1931	1938	1948	1948		501	1517	1517	2004	157
150				1915	1915	1926	1935	1941	1948	1958	1958	2019 F	503	1513	1513		
152				1930	1930	1941	1950	1956	2003	2012	2012		504	1520	1520	2019	159
154				1945	1945	1956	2005	2011	2018	2026	2026		506	1518	1518	2034	161
156				2000	2000	2010	2018	2024	2031	2039	2039		508	1522	1522	2049	163
158				2015	2015	2025	2032	2038	2045	2053	2053		509	1519	1519	2104	165
160				2030	2030	2039	2046	2052	2059	2107	2107		512	1523	1523	2119	167
162				2045	2045	2054	2101	2107	2113	2120	2120	2135 F	513	1516	1516		
164			2038	2100	2100	2109	2115	2120	2126	2133	2133		505	1521	1521	2149	171
166				2115	2115	2123	2129	2134	2140	2147	2147		504	1520	1520	2204	173
168	2125			2130	2130	2138	2144	2149	2155	2202	2202		972	972	972	2219	175
170	2140			2145	2145	2153	2159	2204	2209	2216	2216		973	973	973	2234	177
172				2200	2200	2208	2213	2218	2223	2230	2230	2245 F	509	1519	1519		
174				2215	2215	2223	2227	2232	2237	2244	2244		971	971	971	2249	179
176				2230	2230	2238	2242	2247	2252	2259	2259		505	1521	1521	2304	181
178				2245	2245	2253	2257	2302	2307	2314	2314	2329 F	504	1520	1520		
180				2300	2300	2307	2311	2316	2321	2328	2328		972	972	972	2334	185
182				2315	2315	2322	2326	2331	2336	2343	2343		973	973	973	2349	187
184			2313	2330	2330	2337	2341	2346	2351	2358	2358		512	1523	1523	2404	189
186				2345	2345	2352	2356	2401	2405	2412	2412		505	1521	1521	2419	193
188				2400	2400	2407	2411	2416	2420	2427	2427		508	1522	1522	2434	195