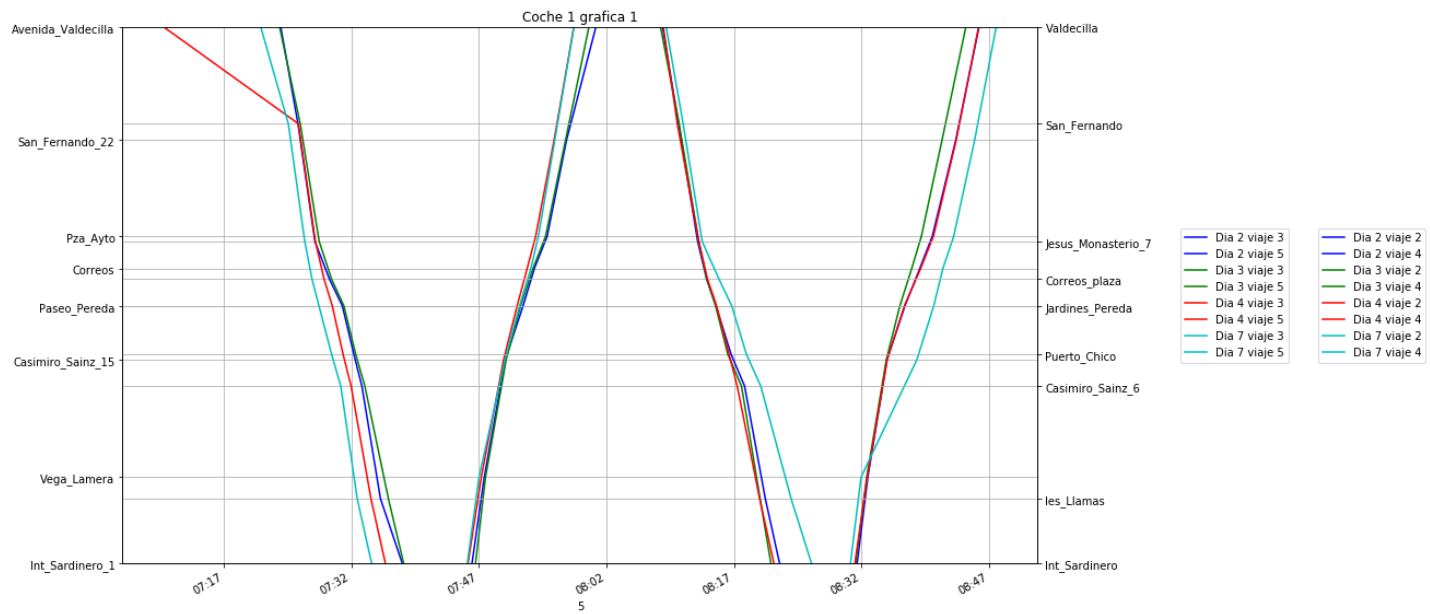


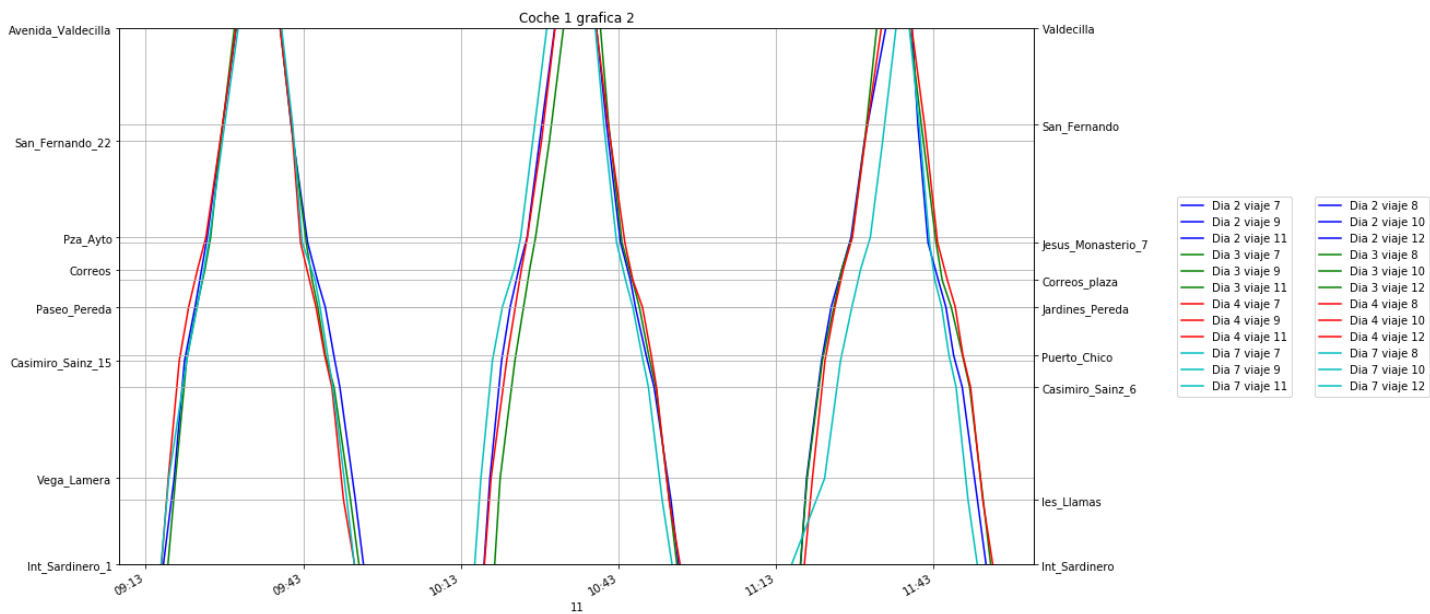
Coche 1 grafica 1

Gráfico evolución:



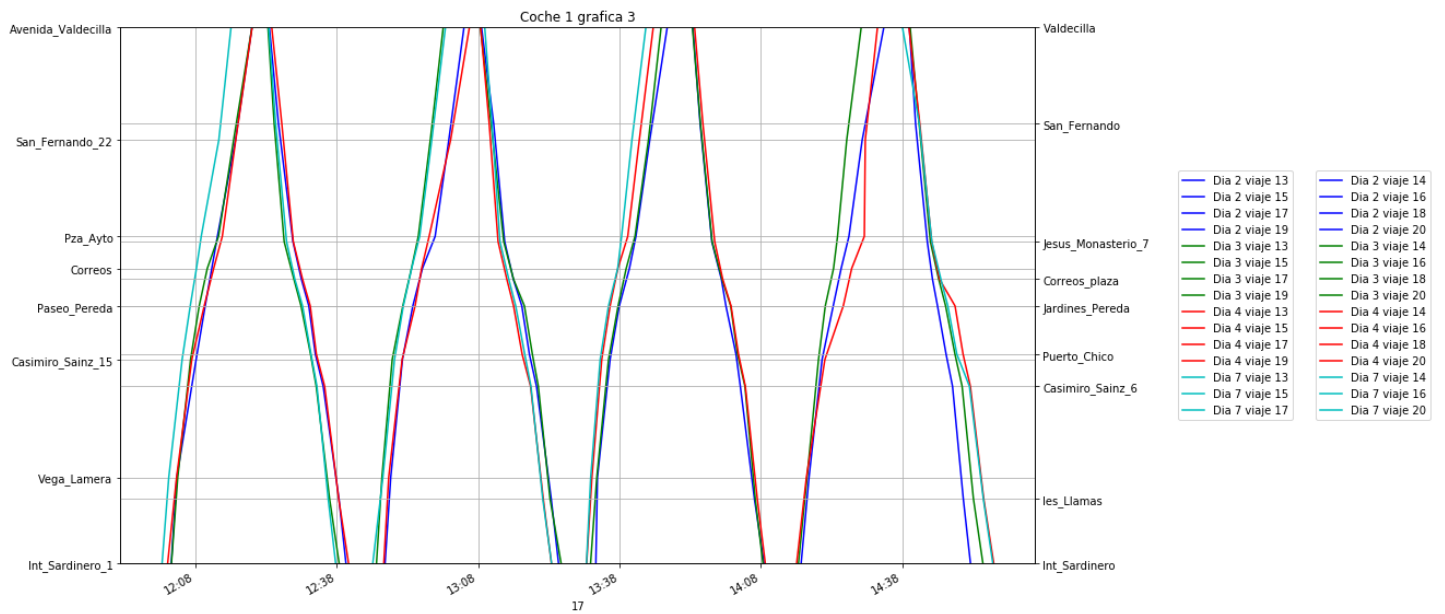
Coche 1 grafica 2

Gráfico evolución:



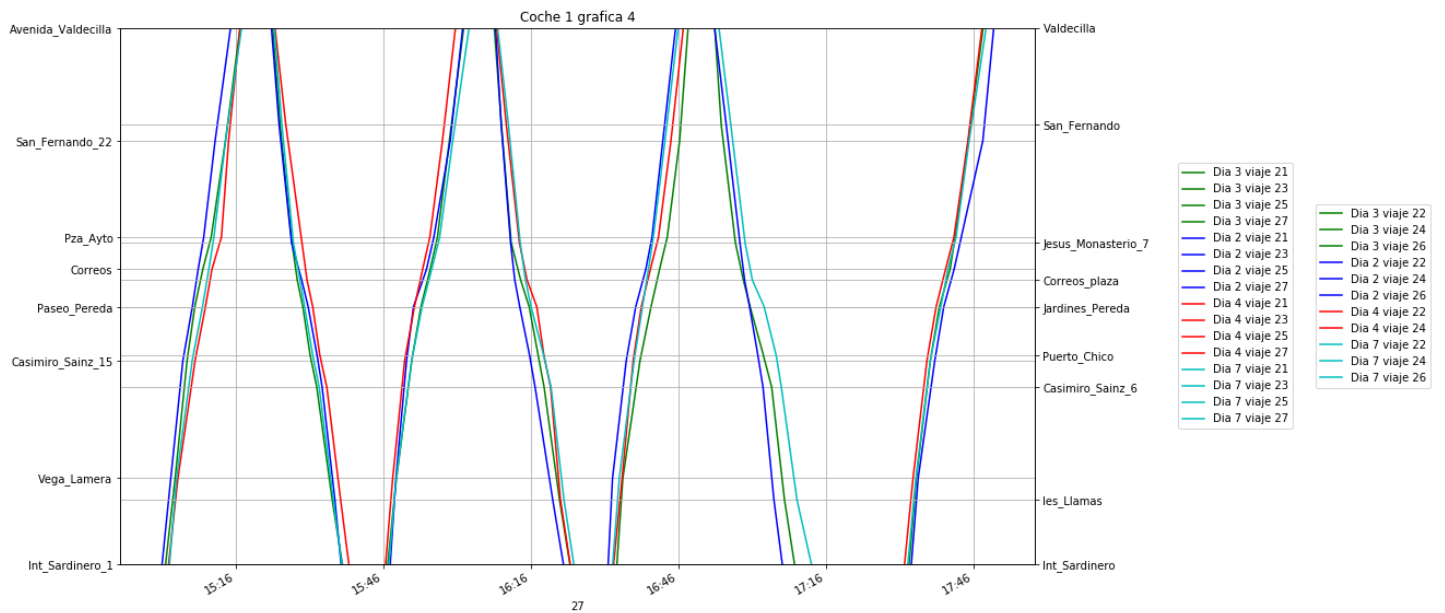
Coche 1 grafica 3

Gráfico evolución:



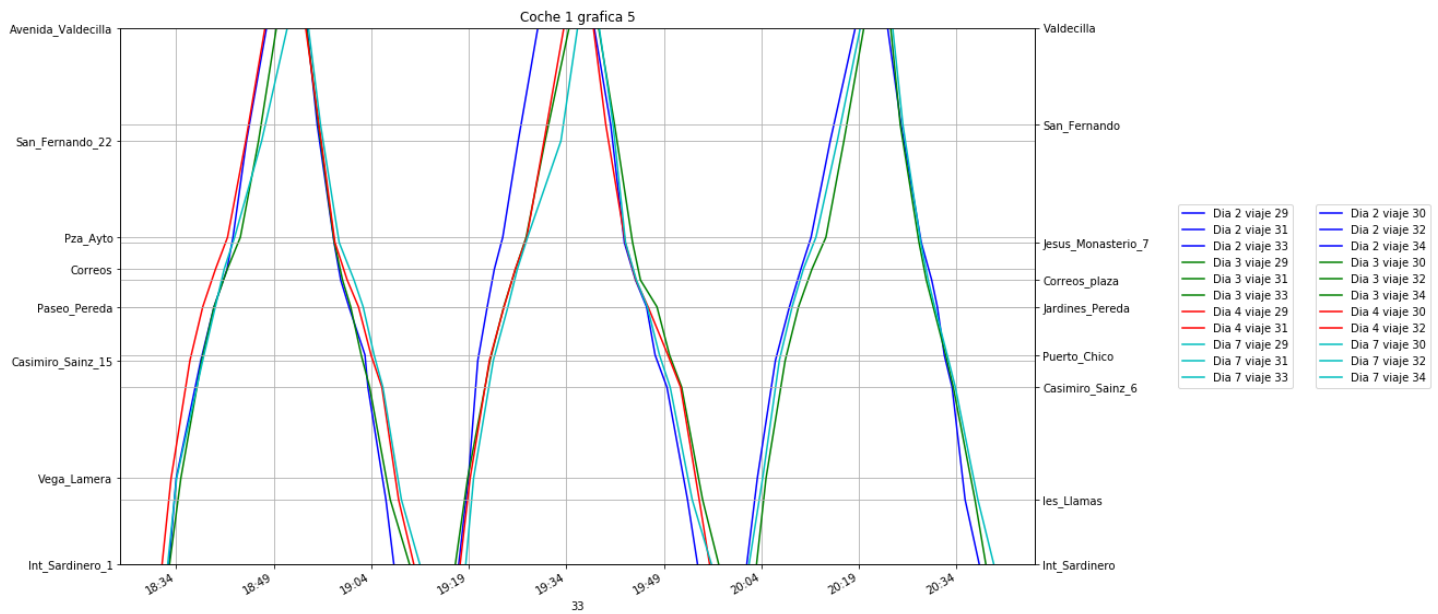
**Coche 1 grafica 4**

Gráfico evolución:



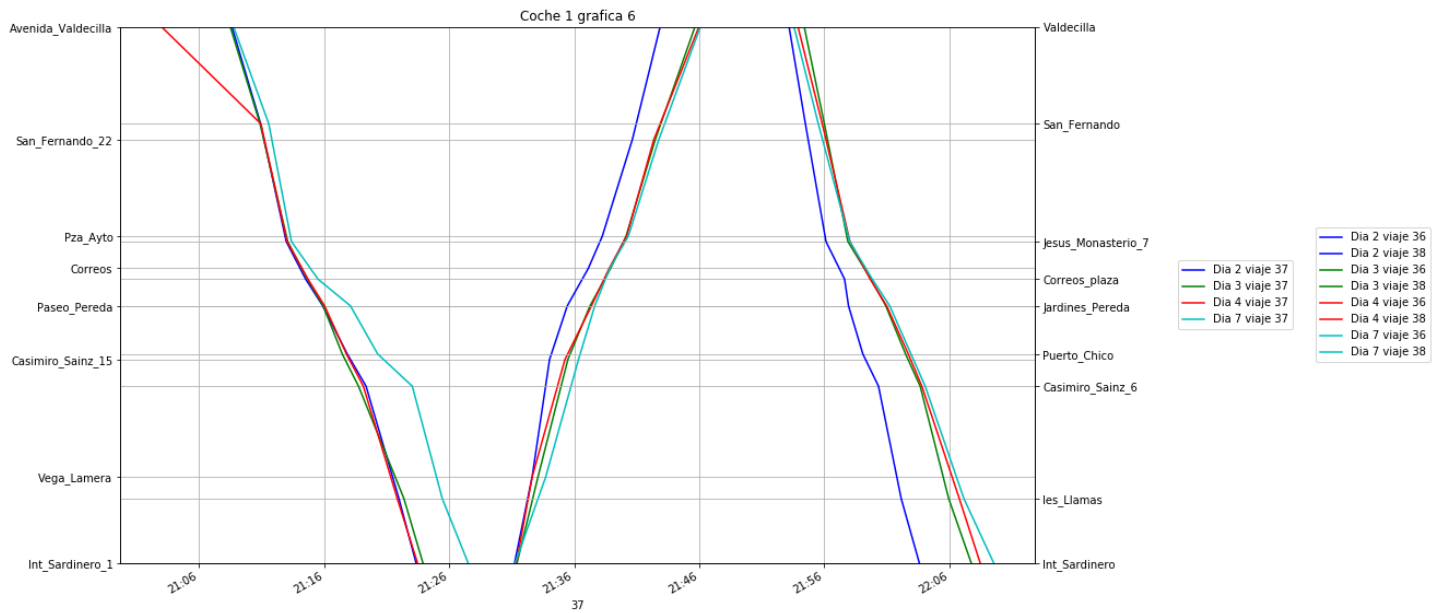
**Coche 1 grafica 5**

Gráfico evolución:



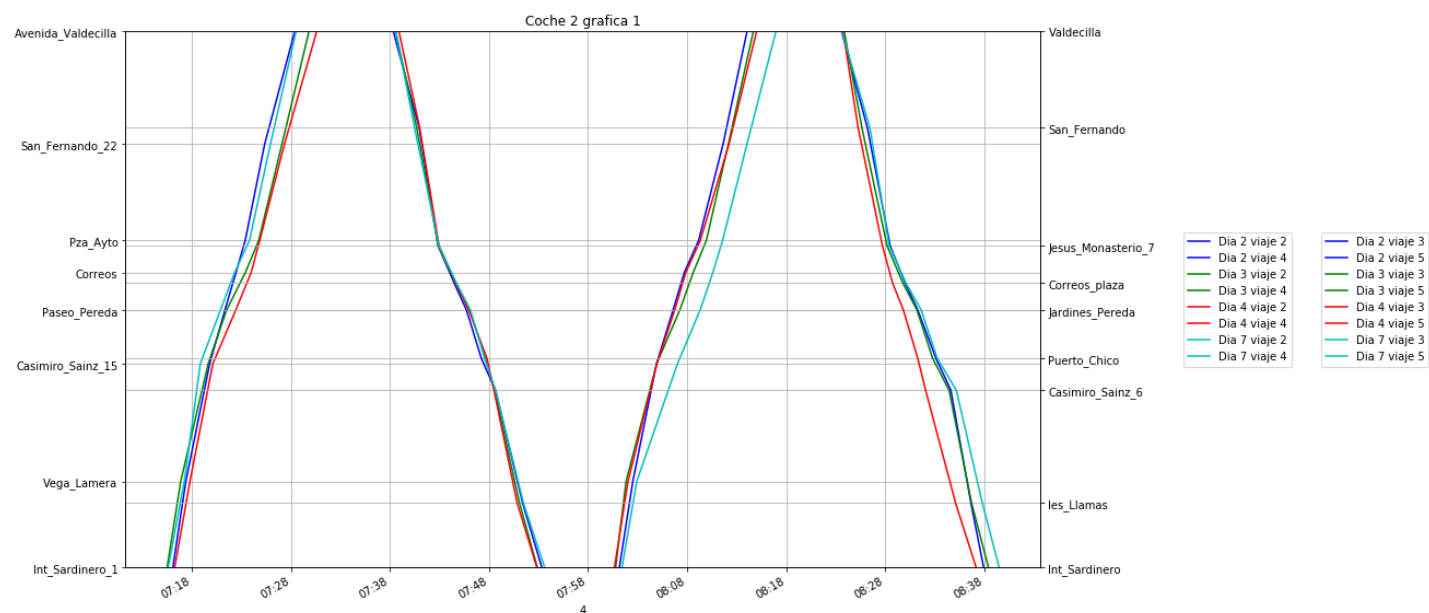
**Coche 1 grafica 6**

Gráfico evolución:



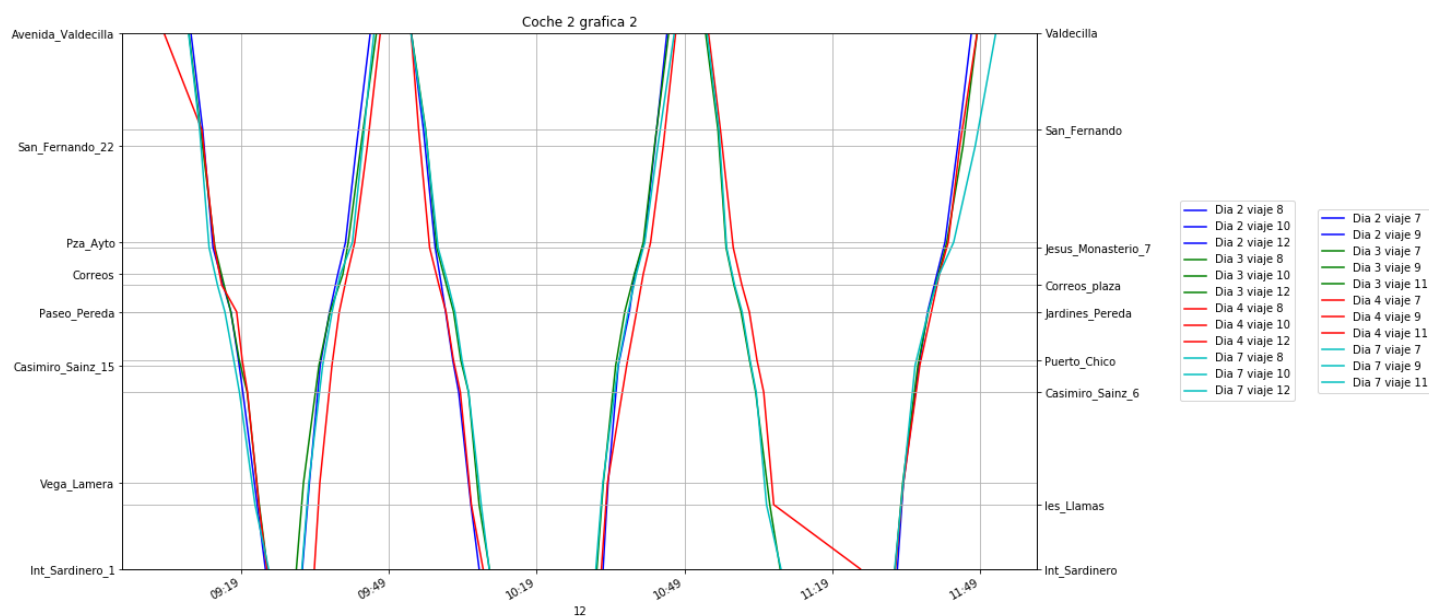
**Coche 2 grafica 1**

Gráfico evolución:



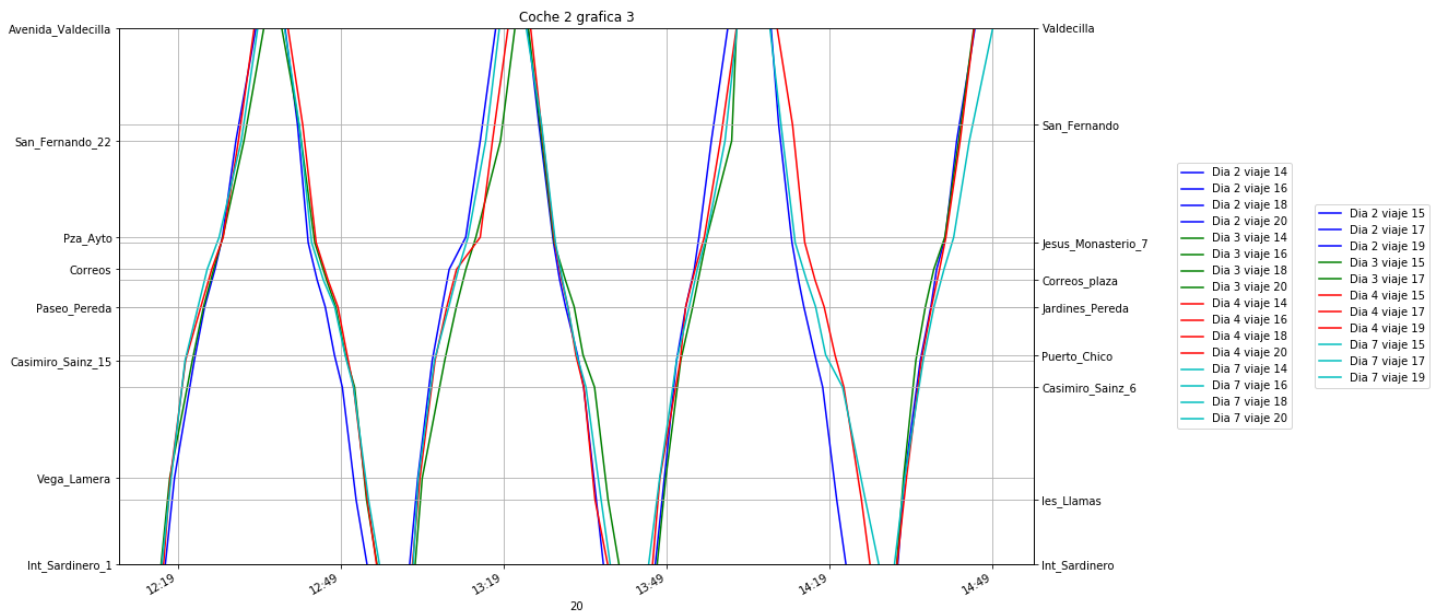
**Coche 2 grafica 2**

Gráfico evolución:



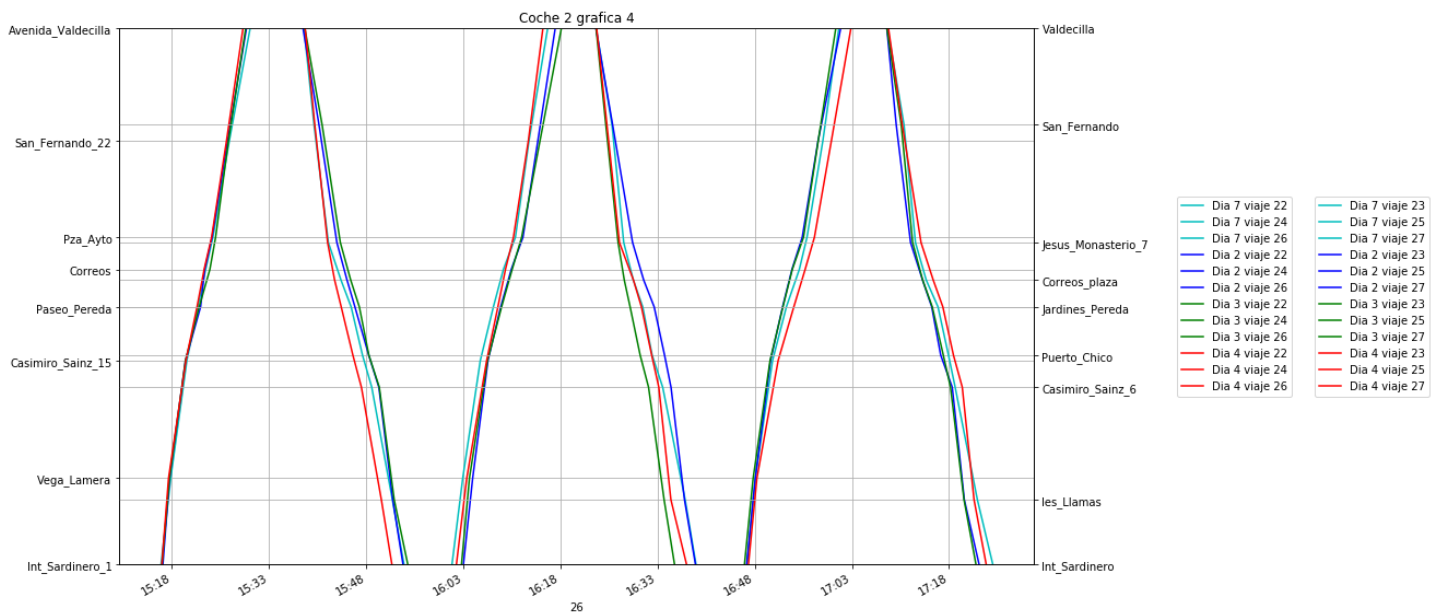
**Coche 2 grafica 3**

Gráfico evolución:



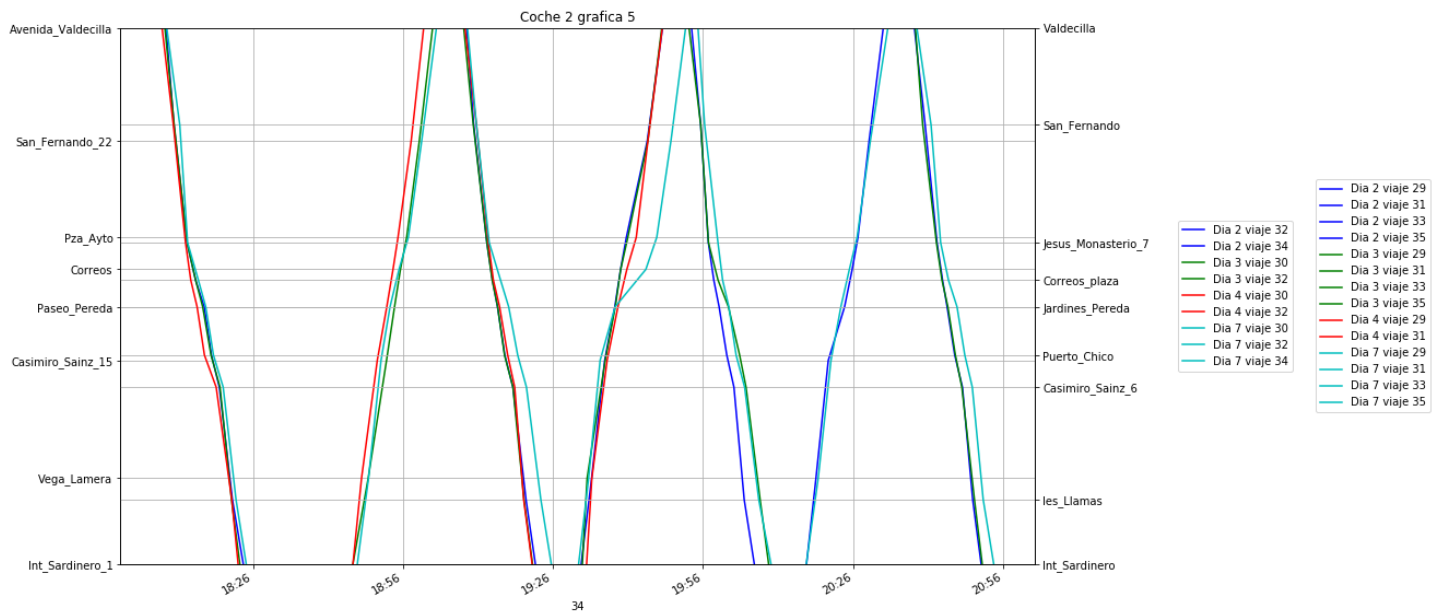
**Coche 2 grafica 4**

Gráfico evolución:



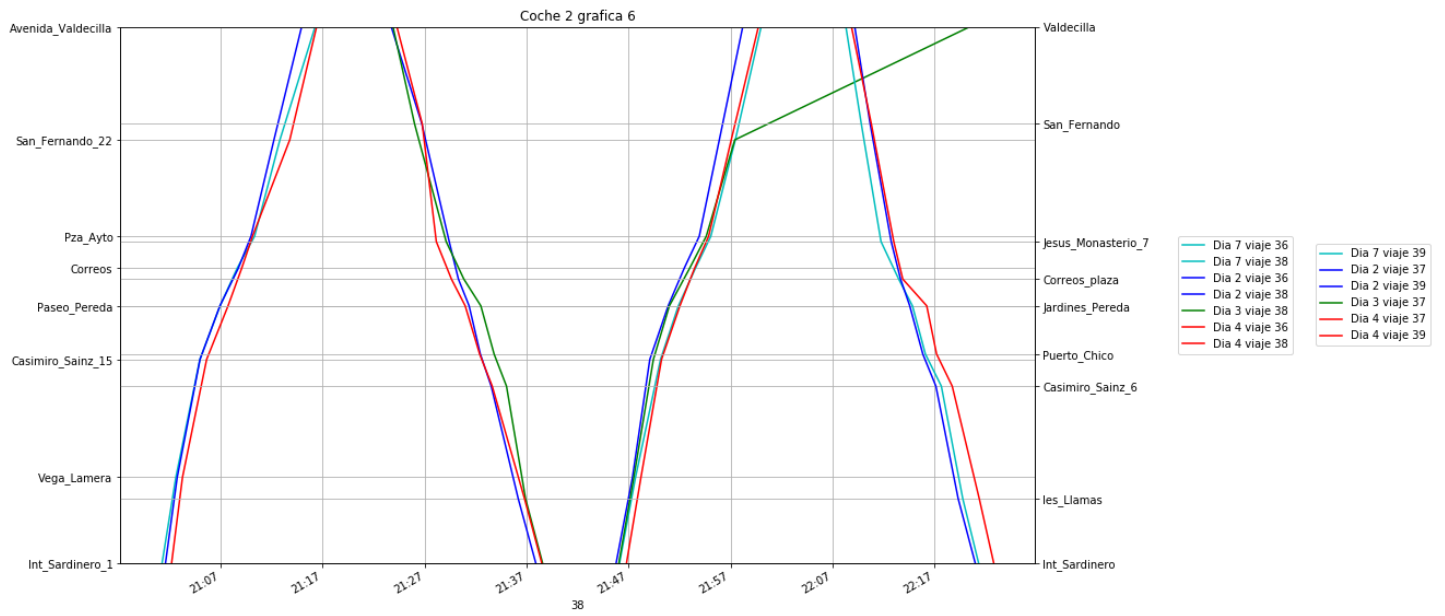
**Coche 2 grafica 5**

Gráfico evolución:



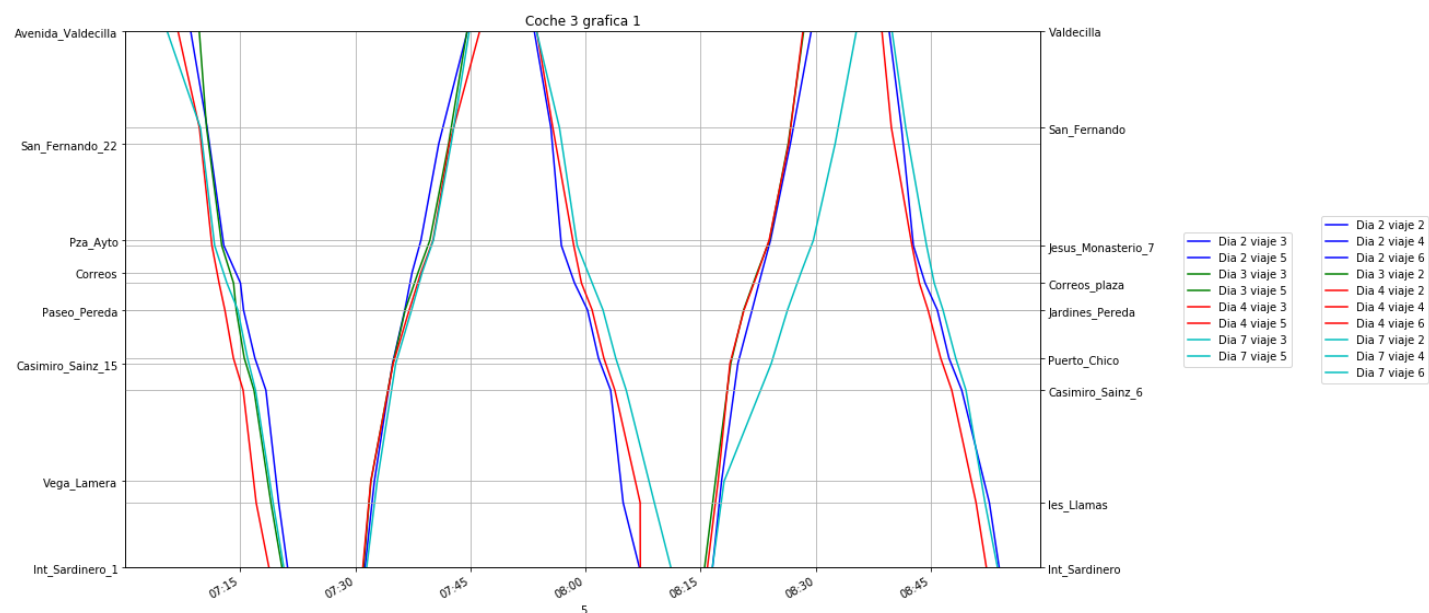
**Coche 2 grafica 6**

Gráfico evolución:



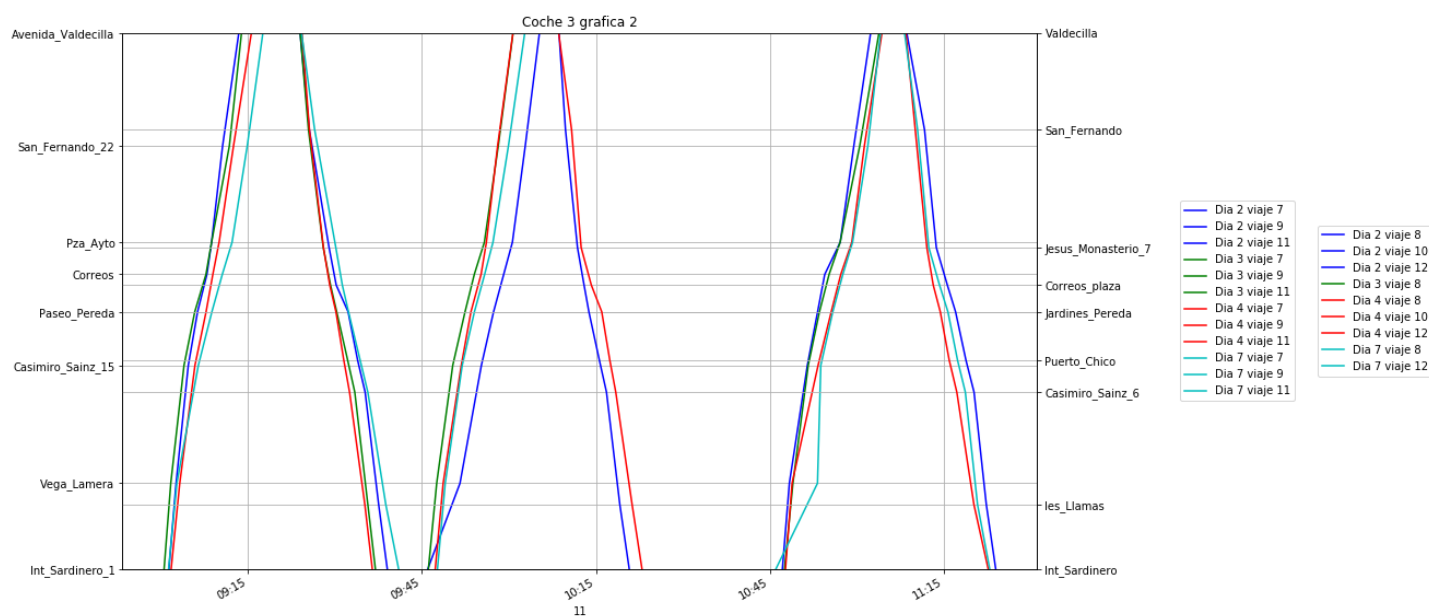
**Coche 3 grafica 1**

Gráfico evolución:



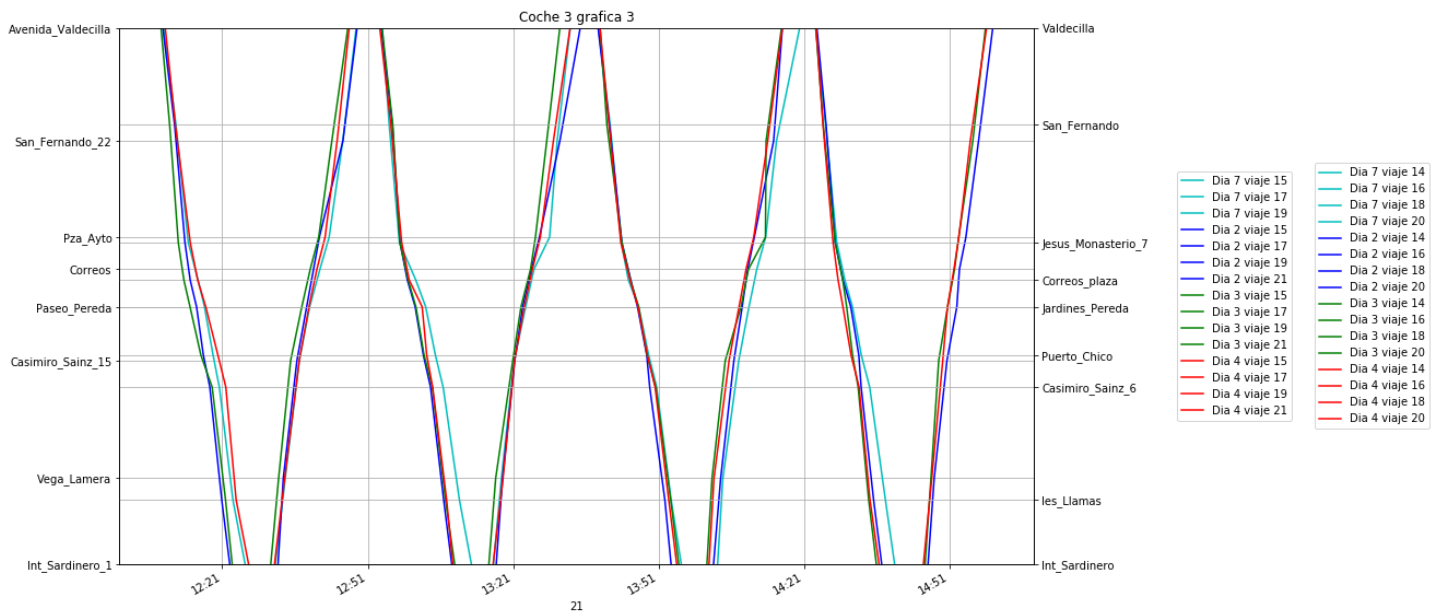
**Coche 3 grafica 2**

Gráfico evolución:



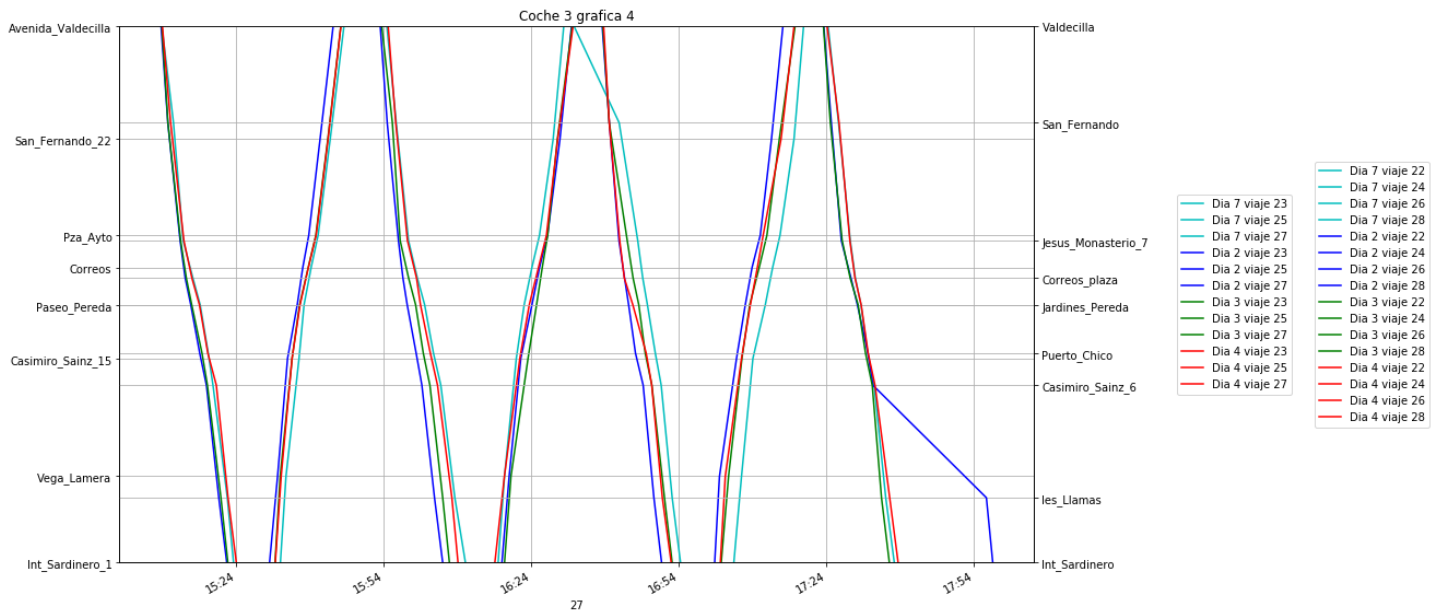
**Coche 3 grafica 3**

Gráfico evolución:



**Coche 3 grafica 4**

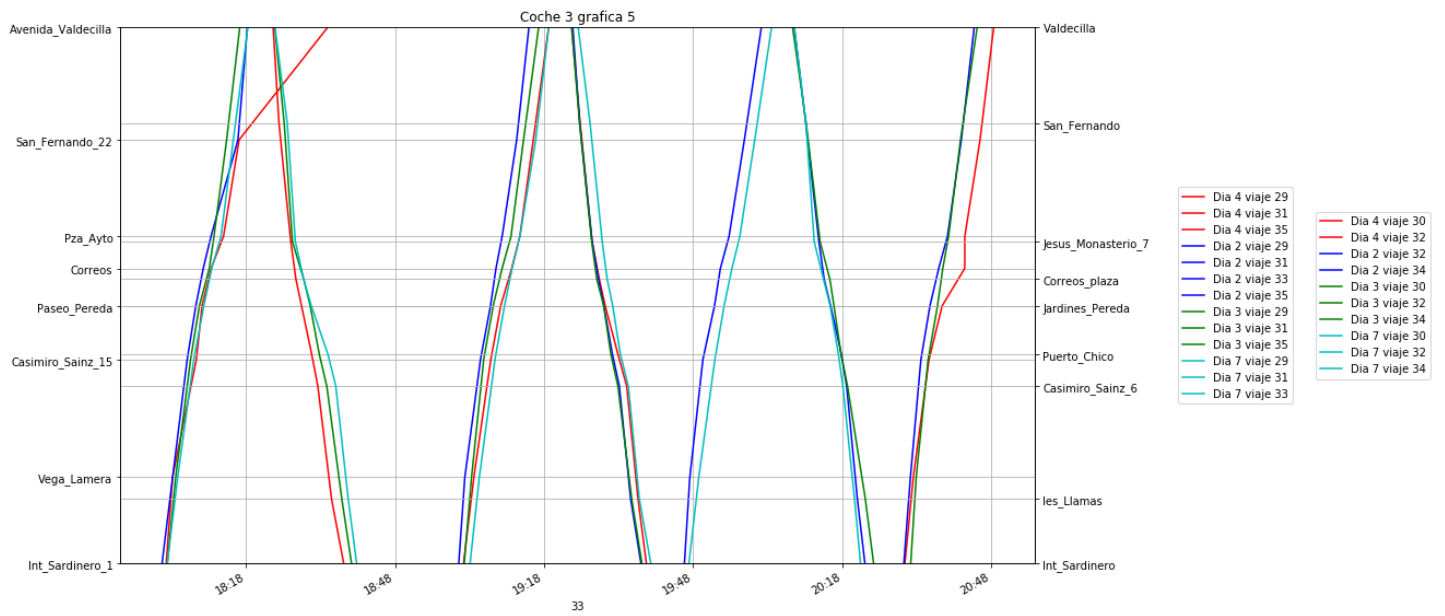
Gráfico evolución:



**Coche 3 grafica 5**

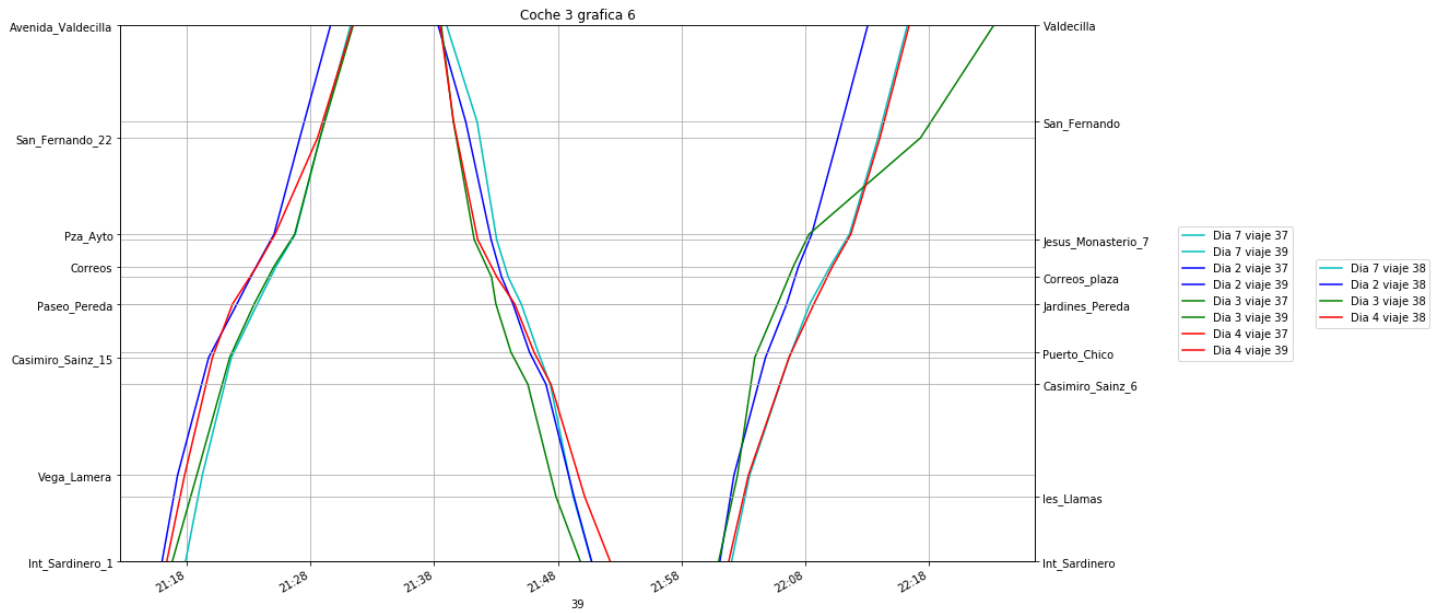
Gráfico evolución:





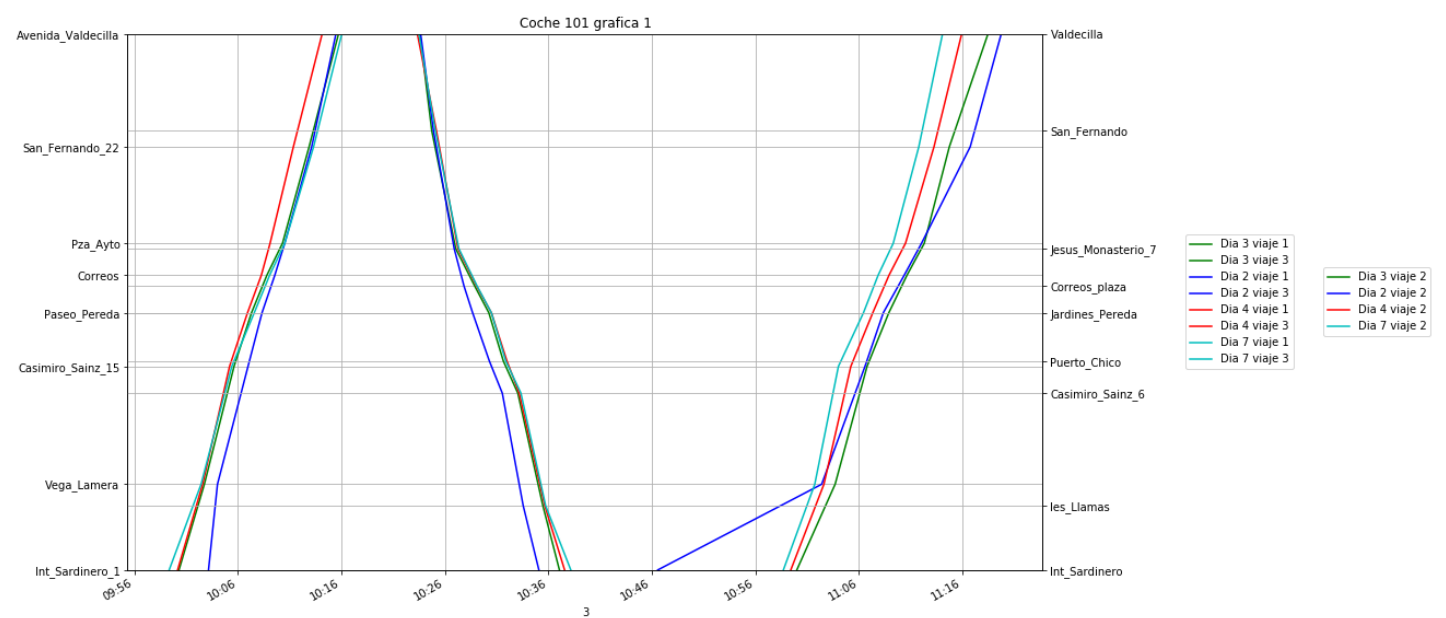
**Coche 3 grafica 6**

Gráfico evolución:



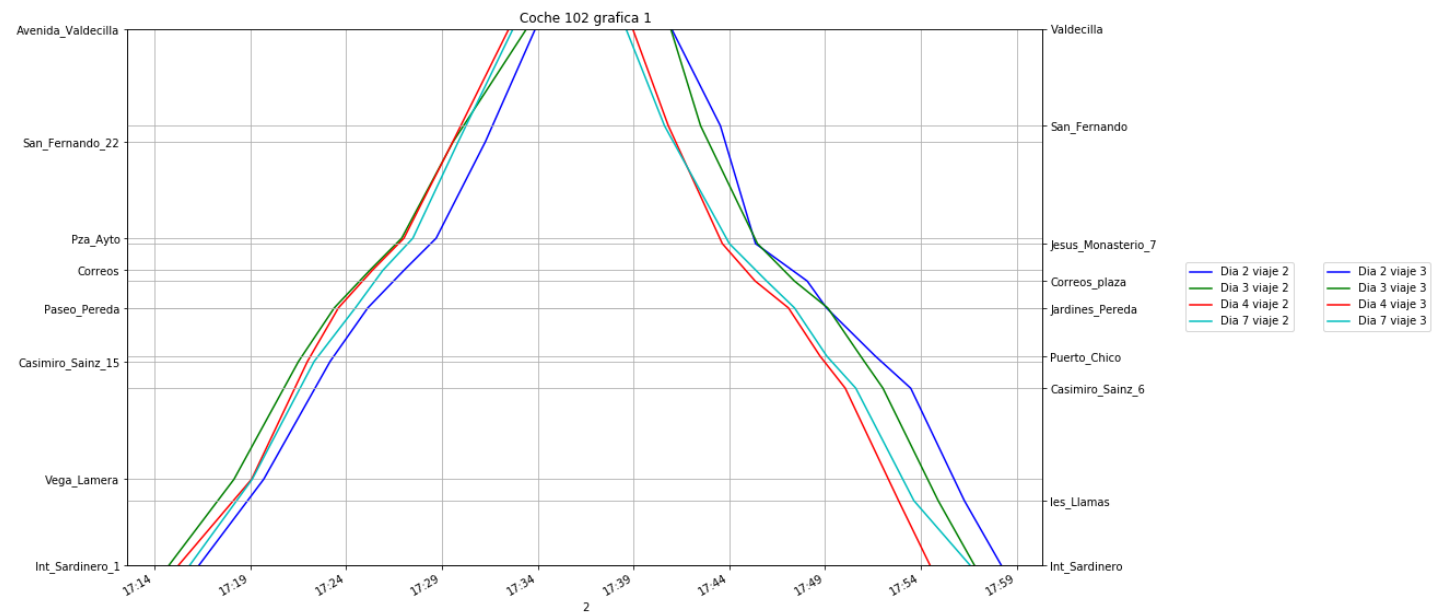
**Coche 101 grafica 1**

Gráfico evolución:



**Coche 102 grafica 1**

Gráfico evolución:



**Coche 102 grafica 1**

Gráfico evolución:

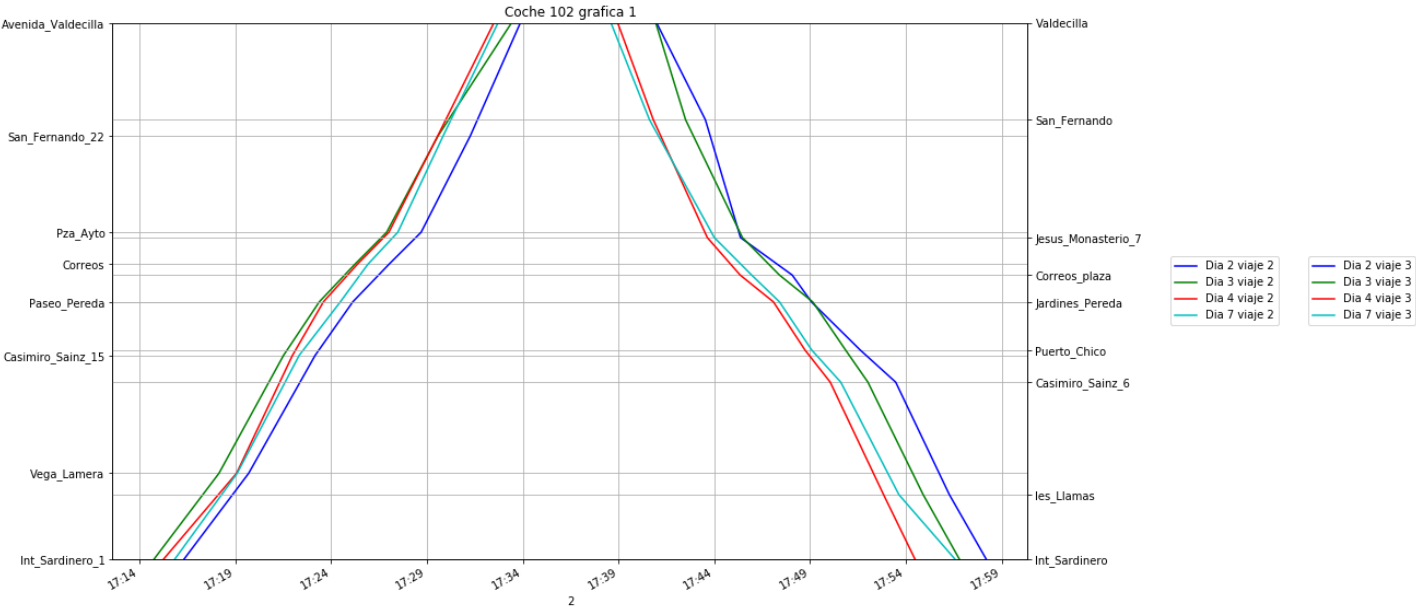


Tabla resumen velocidades y tiempos

coche	sentido	viaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
1	Valdecilla_Sardinero	2	16.962500	19.052210	6.062275	5.121906
1	Sardinero_Valdecilla	3	13.204167	22.810861	0.981625	1.629095
1	Valdecilla_Sardinero	4	14.191667	21.409775	1.951187	2.627298
1	Sardinero_Valdecilla	5	14.725000	20.579863	1.744860	2.331607
1	Sardinero_Valdecilla	7	13.837500	21.747164	0.869693	1.421431
1	Valdecilla_Sardinero	8	14.691667	20.474360	0.884067	1.211060
1	Sardinero_Valdecilla	9	13.420833	22.359620	0.259763	0.434952
1	Valdecilla_Sardinero	10	15.179167	19.796000	0.706370	0.918899
1	Sardinero_Valdecilla	11	16.300000	18.696977	2.476108	2.570490
1	Valdecilla_Sardinero	12	14.454167	20.866890	1.200338	1.794110
1	Sardinero_Valdecilla	13	16.670833	18.101569	1.422594	1.658926
1	Valdecilla_Sardinero	14	15.445833	19.486332	1.007782	1.300823
1	Sardinero_Valdecilla	15	16.108333	18.784786	1.721998	2.012182
1	Valdecilla_Sardinero	16	15.650000	19.271919	1.315576	1.629096
1	Sardinero_Valdecilla	17	14.195833	21.245803	1.162483	1.839144
1	Valdecilla_Sardinero	18	15.005556	19.992880	0.069389	0.092268
1	Sardinero_Valdecilla	19	15.988889	19.058795	2.337219	3.035585
1	Valdecilla_Sardinero	20	16.375000	18.743348	2.765043	3.356232
1	Sardinero_Valdecilla	21	14.550000	20.636929	0.499815	0.713395
1	Valdecilla_Sardinero	22	14.250000	21.075159	0.543139	0.788374
1	Sardinero_Valdecilla	23	15.166667	19.832493	0.903594	1.170798
1	Valdecilla_Sardinero	24	14.900000	20.177102	0.776626	1.097079
1	Sardinero_Valdecilla	25	13.912500	21.584942	0.507239	0.790115
1	Valdecilla_Sardinero	26	16.250000	18.763091	2.516832	2.932188
1	Sardinero_Valdecilla	27	15.854167	18.950456	0.705452	0.839170
1	Sardinero_Valdecilla	29	16.395833	18.399408	1.439353	1.553277
1	Valdecilla_Sardinero	30	15.720833	19.261348	1.675055	2.235659
1	Sardinero_Valdecilla	31	15.683333	19.538540	2.447939	3.510213
1	Valdecilla_Sardinero	32	17.350000	17.345643	1.106630	1.141958
1	Sardinero_Valdecilla	33	16.744444	17.920393	0.307469	0.326964
1	Valdecilla_Sardinero	34	14.738889	20.388278	0.740933	1.013744
1	Valdecilla_Sardinero	36	17.325000	17.636866	2.720379	2.730249
1	Sardinero_Valdecilla	37	13.808333	21.932914	1.469851	2.592931
1	Valdecilla_Sardinero	38	13.575000	22.664005	2.361438	4.358241
2	Sardinero_Valdecilla	2	13.462500	22.382722	1.025632	1.726431
2	Valdecilla_Sardinero	3	14.554167	20.633989	0.538237	0.769328
2	Sardinero_Valdecilla	4	14.166667	21.271965	1.098400	1.645483
2	Valdecilla_Sardinero	5	14.541667	20.704150	1.010729	1.417607
2	Valdecilla_Sardinero	7	17.033333	17.888373	2.600142	2.413936
2	Sardinero_Valdecilla	8	14.495833	20.810167	1.270198	1.745620
2	Valdecilla_Sardinero	9	15.020833	20.043680	1.025181	1.396046
2	Sardinero_Valdecilla	10	14.620833	20.635104	1.242263	1.830636
2	Valdecilla_Sardinero	11	20.305556	16.528635	9.088643	5.879412
2	Sardinero_Valdecilla	12	17.187500	17.681095	2.337432	2.230576
2	Sardinero_Valdecilla	14	17.470833	17.217067	1.054477	1.007663
2	Valdecilla_Sardinero	15	16.583333	18.159373	1.161018	1.313562
2	Sardinero_Valdecilla	16	16.904167	17.821300	1.266182	1.321243
2	Valdecilla_Sardinero	17	15.041667	20.049412	1.273192	1.652746
2	Sardinero_Valdecilla	18	14.904167	20.236982	1.245167	1.732802
2	Valdecilla_Sardinero	19	16.955556	18.113418	3.126959	3.435604

coche	sentido	viaje	media tiempo viaje (minutos)	media velocidad comercial (km/h)	desviación tiempo viaje	desviación velocidad comercial
2	Sardinero_Valdecilla	20	15.162500	20.004963	1.947286	2.276855
2	Sardinero_Valdecilla	22	13.025000	23.058993	0.514692	0.889872
2	Valdecilla_Sardinero	23	15.033333	20.045138	1.120268	1.601714
2	Sardinero_Valdecilla	24	14.425000	20.855967	0.879867	1.285271
2	Valdecilla_Sardinero	25	14.183333	21.357825	1.562168	2.501425
2	Sardinero_Valdecilla	26	14.650000	20.521575	0.798958	1.070115
2	Valdecilla_Sardinero	27	14.825000	20.316365	1.088705	1.459119
2	Valdecilla_Sardinero	29	15.370833	19.526274	0.378196	0.476391
2	Sardinero_Valdecilla	30	15.283333	19.687308	0.997636	1.334721
2	Valdecilla_Sardinero	31	14.416667	20.976765	1.563472	2.060121
2	Sardinero_Valdecilla	32	17.158333	17.805627	2.854512	2.580420
2	Valdecilla_Sardinero	33	14.338889	21.125174	1.696592	2.579100
2	Sardinero_Valdecilla	34	15.816667	18.985063	0.683537	0.820463
2	Valdecilla_Sardinero	35	14.016667	21.495955	1.154821	1.690698
2	Sardinero_Valdecilla	36	14.172222	21.216336	0.825351	1.241303
2	Valdecilla_Sardinero	37	14.327778	20.943605	0.279550	0.404154
2	Sardinero_Valdecilla	38	18.366667	19.451144	10.628482	7.211276
2	Valdecilla_Sardinero	39	12.911111	23.343917	1.069441	1.960001
3	Valdecilla_Sardinero	2	12.600000	24.188117	1.881735	3.398772
3	Sardinero_Valdecilla	3	13.850000	21.727201	0.913378	1.345599
3	Valdecilla_Sardinero	4	14.883333	20.444458	2.253886	2.849760
3	Sardinero_Valdecilla	5	14.233333	21.682701	3.018370	3.808683
3	Valdecilla_Sardinero	6	13.883333	21.619361	0.381153	0.585575
3	Sardinero_Valdecilla	7	13.858333	21.901298	1.763335	2.671045
3	Valdecilla_Sardinero	8	14.204167	21.454874	2.070578	3.068058
3	Sardinero_Valdecilla	9	15.558333	19.635236	2.547057	2.887407
3	Valdecilla_Sardinero	10	13.225000	22.849656	1.590990	2.748853
3	Sardinero_Valdecilla	11	16.529167	18.217372	1.169867	1.276368
3	Valdecilla_Sardinero	12	14.716667	20.405841	0.576628	0.796100
3	Valdecilla_Sardinero	14	15.591667	19.402901	1.634835	2.060081
3	Sardinero_Valdecilla	15	16.045833	18.712292	0.537548	0.630966
3	Valdecilla_Sardinero	16	15.720833	19.247793	1.766739	1.956576
3	Sardinero_Valdecilla	17	15.900000	18.935092	1.097556	1.299676
3	Valdecilla_Sardinero	18	16.033333	18.750621	0.851904	0.994685
3	Sardinero_Valdecilla	19	15.387500	19.573348	1.128534	1.402278
3	Valdecilla_Sardinero	20	13.762500	22.031463	1.718924	2.491903
3	Sardinero_Valdecilla	21	12.927778	23.224436	0.446073	0.808351
3	Valdecilla_Sardinero	22	14.083333	21.358254	0.838981	1.264362
3	Sardinero_Valdecilla	23	13.129167	22.855916	0.246221	0.428496
3	Valdecilla_Sardinero	24	14.137500	21.364528	1.362009	2.003766
3	Sardinero_Valdecilla	25	14.275000	21.108449	1.122868	1.572544
3	Valdecilla_Sardinero	26	15.375000	20.475586	4.263421	4.673929
3	Sardinero_Valdecilla	27	14.504167	20.708333	0.576126	0.826559
3	Valdecilla_Sardinero	28	18.895833	18.572830	10.313757	6.600914
3	Sardinero_Valdecilla	29	20.112500	16.450237	8.327902	4.984996
3	Valdecilla_Sardinero	30	15.344444	19.621381	1.119317	1.447434
3	Sardinero_Valdecilla	31	15.504167	19.447533	1.279567	1.584353
3	Valdecilla_Sardinero	32	14.366667	20.907697	0.585472	0.851838
3	Sardinero_Valdecilla	33	16.050000	18.714918	0.801388	0.934449
3	Valdecilla_Sardinero	34	14.611111	20.677223	1.525463	2.084228
3	Sardinero_Valdecilla	35	15.127778	20.145449	2.404067	2.970683
3	Sardinero_Valdecilla	37	14.141667	21.264085	0.794017	1.191887
3	Valdecilla_Sardinero	38	12.266667	24.596366	1.089002	2.103726
3	Sardinero_Valdecilla	39	15.741667	20.074011	4.480958	4.829387
101	Sardinero_Valdecilla	1	14.579167	20.844035	1.881655	2.766507
101	Valdecilla_Sardinero	2	13.441667	22.527785	1.437880	2.611091
101	Sardinero_Valdecilla	3	20.870833	15.752496	8.295541	4.667684
102	Sardinero_Valdecilla	2	17.558333	17.109894	0.769139	0.730479
102	Valdecilla_Sardinero	3	16.612500	18.122402	1.142396	1.235918
102	Sardinero_Valdecilla	4	21.975000	15.146584	9.497938	4.626924