

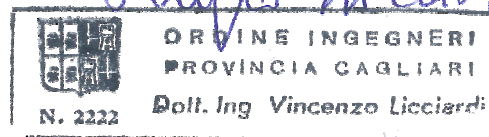
Realizzazione nuovi elettrodotti a 150 kV "Santa Teresa - Tempio" e "Tempio - Buddusò", nuove Stazioni Elettriche 150kV di "Tempio" e "Buddusò" e relativi raccordi linee

PTO Elettrodotti a 150 kV "Santa Teresa - Tempio" e "Tempio - Buddusò"

SEGNALAZIONE ALLA NAVIGAZIONE AEREA

Terna Rete Italia SpA
 Direzione Ingegneria Funzione Realizzazione
 Area Progettazione e Realizzazione Impianti Nord Ovest

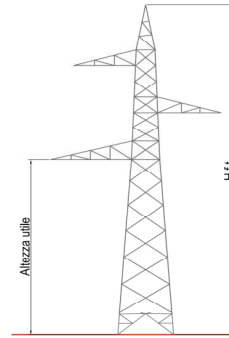
Vincenzo Licciardi



Storia delle revisioni		
Rev.00	del 15.12.2013	Prima Emissione

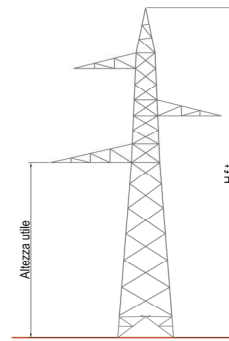
Elaborato	Verificato	Approvato
S. Mulas ING-REA APRI-NO	M. Sala ING-REA-APRI-CA	V.P. Licciardi ING-REA-APRI-CA

Elettrodotto aereo a 150 kV "Santa Teresa - Tempio"



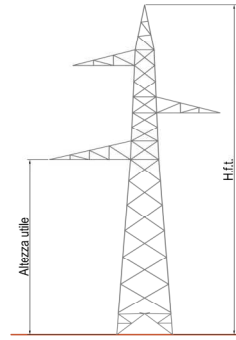
N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
1	palo gatto 18port term	18	21,500	104,750	126,250	4558484,2400	519228,5800
2	n15st	15	24,050	106,800	130,850	4558224,7700	519465,5100
3	n15st	15	24,050	94,410	118,460	4558037,2600	519636,7300
4	c27st	27	36,200	110,490	146,690	4557855,0700	519803,0900
5	c27st	27	36,200	136,420	172,620	4557496,2300	519810,9700
6	n30st	30	39,050	146,380	185,430	4557252,5300	519792,8100
7	v27st	27	36,300	206,020	242,320	4557010,1000	519774,7400
8	n30st	30	39,050	202,230	241,280	4556735,6800	519754,2900
9	c33st	33	42,200	229,300	271,500	4556398,9600	519714,0300
10	v33st	33	42,300	302,030	344,330	4556128,8500	519588,8000
11	p27st	27	36,300	323,940	360,240	4555773,0700	519461,9000
12	c33st	33	42,200	280,810	323,010	4555587,6200	519395,0500
13	c33st	33	42,200	277,990	320,190	4555578,4400	519068,9200
14	c33st	33	42,200	306,680	348,880	4555383,8400	518653,9600
15	c27st	27	36,200	290,530	326,730	4555048,2500	518573,2800
16	c27st	27	36,200	234,200	270,400	4554790,7800	518365,0200
17	c27st	27	36,200	300,520	336,720	4554427,4500	517974,1500
18	m30st	30	39,050	282,850	321,900	4554085,5500	517821,5100
19	m21st	21	30,050	269,720	299,770	4553744,7000	517654,3600
20	m21st	21	30,050	250,340	280,390	4553529,2000	517509,8200
21	n21st	21	30,050	217,400	247,450	4553297,5500	517354,4500
22	n21st	21	30,050	202,710	232,760	4553053,3600	517190,6600
23	n21st	21	30,050	183,140	213,190	4552869,8600	517067,5800
24	n21st	21	30,050	181,120	211,170	4552575,9000	516870,4200
25	p27st	27	36,300	191,840	228,140	4552247,9100	516650,4300
26	n24st	24	32,390	191,380	223,770	4551927,9100	516351,9300
27	n21st	21	30,050	190,790	220,840	4551682,4900	516123,0100
28	n21st	21	30,050	199,490	229,540	4551419,6200	515885,8500
29	n15st	15	24,050	213,780	237,830	4551173,6400	515663,9400
30	p30st	30	39,300	205,130	244,430	4550945,8600	515458,4400
31	n18st	18	27,050	213,250	240,300	4550737,6800	515326,8800
32	m21st	21	30,050	232,370	262,420	4550420,0500	515126,1600
33	m21st	21	30,050	230,180	260,230	4550087,4100	514915,9600
34	n21st	21	30,050	239,090	269,140	4549829,8200	514774,1300
35	n21st	21	30,050	241,740	271,790	4549536,0500	514612,3800
36	c18st	18	27,200	244,110	271,310	4549261,4000	514461,1600
37	n30st	30	39,050	223,040	262,090	4548881,3500	514380,4300
38	n30st	30	39,050	211,400	250,450	4548555,4200	514311,2000
39	v24st	24	33,300	189,340	222,640	4548183,9800	514232,3000
40	p30st	30	39,300	190,870	230,170	4547840,8800	514187,3700

Elettrodotto aereo a 150 kV "Santa Teresa - Tempio"



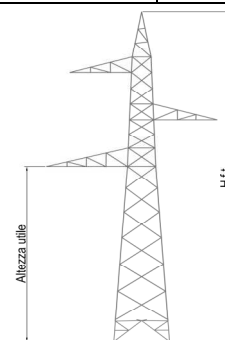
N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
41	m27st	27	36,050	219,660	255,710	4547392,7300	514034,8600
42	c24st	24	33,200	213,270	246,470	4547096,2500	513933,9600
43	p27st	27	36,300	260,370	296,670	4546586,4900	513952,7000
44	p36st	36	45,300	285,060	330,360	4546302,5600	514003,2400
45	c30st	30	39,200	281,260	320,460	4545930,3700	514154,2400
46	m18st	18	27,050	295,050	322,100	4545695,6000	514042,3700
47	v27st	27	36,300	334,560	370,860	4545379,0200	513891,5200
48	c27st	27	36,200	303,670	339,870	4545073,8700	513746,1100
49	c33st	33	42,200	345,730	387,930	4544853,9200	513432,5500
50	c30st	30	39,200	422,470	461,670	4544525,3700	513121,2200
51	c33st	33	42,200	303,300	345,500	4544156,9500	512830,9100
52	n33st	33	42,050	288,360	330,410	4543879,0800	512727,9000
53	v36st	36	45,300	334,140	379,440	4543416,1500	512556,2900
54	c30st	30	39,200	336,330	375,530	4543069,7000	512496,0200
55	c27st	27	36,200	362,520	398,720	4542596,3300	512601,3900
56	m27st	27	36,050	434,850	470,900	4542303,2300	512666,6400
57	p36st	36	45,300	508,040	553,340	4541846,8300	512768,2300
58	n33st	33	42,050	538,640	580,690	4541496,6100	512846,1900
59	c30st	30	39,200	550,220	589,420	4541186,5200	512915,2200
60	n39st	39	48,050	453,290	501,340	4540923,3200	513093,0100
61	c21st	21	30,200	396,650	426,850	4540682,2900	513255,8200
62	c33st	33	42,200	407,570	449,770	4540253,5500	513545,4400
63	p36st	36	45,300	464,390	509,690	4539889,2000	513423,3300
64	c21st	21	30,200	483,760	513,960	4539582,6500	513320,5800
65	m30st	30	39,050	520,710	559,760	4539259,4400	513234,8700
66	c30st	30	39,200	529,840	569,040	4538941,0400	513150,4600
67	v36st	36	45,300	537,420	582,720	4538539,6800	512959,2000
68	p39st	39	48,300	481,070	529,370	4538222,9400	512713,4200
69	n24st	24	32,390	442,350	474,740	4537991,5800	512474,5100
70	c21st	21	30,200	425,080	455,280	4537763,6800	512239,1700
71	m27st	27	36,050	434,530	470,580	4537615,6500	511788,4300
72	c27st	27	36,200	439,960	476,160	4537486,0800	511393,9000
73	c30st	30	39,200	433,570	472,770	4537123,5700	511105,9700
74	m24st	24	33,050	420,620	453,670	4536739,6600	511130,3400
75	c33st	33	42,200	440,250	482,450	4536381,0700	511153,1000
76	p42st	42	51,300	436,010	487,310	4536142,3800	511476,5300
77	c24st	24	33,200	417,450	450,650	4535949,7000	511844,0400
78	v33st	33	42,300	423,770	466,070	4535662,9900	512056,3200
79	c33st	33	42,200	356,280	398,480	4535392,6100	512256,5200
80	p27st	27	36,300	311,250	347,550	4534821,6600	512248,8700

Elettrodotto aereo a 150 kV "Santa Teresa - Tempio"



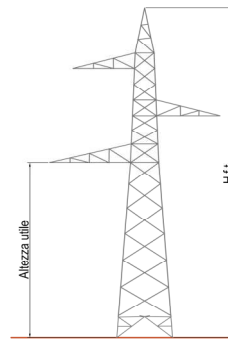
N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
81	c21st	21	30,200	320,960	351,160	4534258,6900	512271,1500
82	c21st	21	30,200	311,930	342,130	4534011,1500	512453,1100
83	c18st	18	27,200	375,890	403,090	4533655,2000	512714,7600
84	n27st	27	36,050	385,950	422,000	4533368,6600	512917,1900
85	n24st	24	32,390	446,040	478,430	4533064,2200	513132,2600
86	c30st	30	39,200	454,900	494,100	4532863,3800	513274,1500
87	n24st	24	32,390	467,860	500,250	4532515,7400	513164,4400
88	n24st	24	32,390	459,550	491,940	4532168,8700	513054,9800
89	n27st	27	36,050	441,170	477,220	4531801,8800	512939,1700
90	c18st	18	27,200	443,140	470,340	4531419,8000	512818,5900
91	m15st	15	24,050	470,440	494,490	4531175,8100	512701,7400
92	c24st	24	33,200	488,450	521,650	4530847,3600	512544,4400
93	c24st	24	33,200	468,130	501,330	4530509,7400	512604,9900
94	c18st	18	27,200	503,780	530,980	4530218,3500	512889,7400
95	p36st	36	45,300	448,340	493,640	4530080,1300	513180,8600
96	c27st	27	36,200	434,520	470,720	4529936,2400	513435,5700
97	n27st	27	36,050	429,200	465,250	4529711,7700	513627,3800
98	c33st	33	42,200	430,160	472,360	4529455,5100	513846,3500
99	v33st	33	42,300	433,900	476,200	4529111,4000	514021,2300
100	c24st	24	33,200	433,990	467,190	4528918,8200	514169,8300
101	v42st	42	51,300	436,860	488,160	4528661,9500	514341,2100
102	e27st	27	36,200	454,950	491,150	4528304,2500	514496,3200
103	c33st	33	42,200	513,850	556,050	4527994,1800	514172,9000
104	c33st	33	42,200	493,720	535,920	4527882,3000	513825,9600
105	p18st	18	27,300	499,410	526,710	4527639,9300	513623,0400
106	n24st	24	32,390	473,450	505,840	4527375,2300	513452,5200
107	c33st	33	42,200	495,940	538,140	4527079,6200	513262,0800
108	e30st	30	39,200	466,070	505,270	4526987,2500	512923,3300
109	palo gatto 18ruotata	18	21,500	459,580	481,080	4527030,2300	512621,8700

Elettrodotto aereo a 150 kV "Tempio - Buddusò"



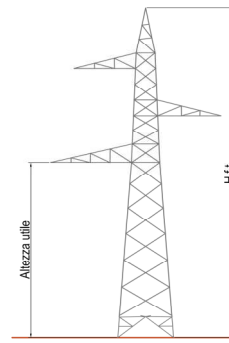
N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
1	palo gatto 18normale	18	21,500	460,320	481,820	4527020,610	512616,040
2	e33st	33	42,200	468,320	510,520	4526929,570	512936,140
3	c33st	33	42,200	494,420	536,620	4527044,650	513264,940
4	n21st	21	30,050	483,710	513,760	4527301,830	513434,710
5	p24st	24	33,300	504,110	537,410	4527626,090	513648,750
6	c33st	33	42,200	498,980	541,180	4527855,450	513840,000
7	p21st	21	30,300	523,840	554,140	4527941,420	514123,120
8	n39st	39	48,050	470,150	518,200	4528037,250	514438,730
9	n24st	24	32,390	472,860	505,250	4528159,200	514821,920
10	e18yst	18	19,000	487,520	506,520	4528281,600	515206,520
11	c33st	33	42,200	491,070	533,270	4528354,380	515464,350
12	n30st	30	39,050	529,080	568,130	4528510,930	515818,430
13	c27st	27	36,200	542,710	578,910	4528622,940	516071,750
14	c33st	33	42,200	539,220	581,420	4528603,560	516439,580
15	c30st	30	39,200	593,770	632,970	4528849,350	516727,830
16	n24st	24	32,390	597,440	629,830	4528921,370	517041,410
17	n27st	27	36,050	607,490	643,540	4528979,180	517339,130
18	m21st	21	30,050	640,080	670,130	4529036,690	517635,350
19	c27st	27	36,200	623,340	659,540	4529101,810	517970,770
20	n30st	30	39,050	596,460	635,510	4529012,830	518207,870
21	c21st	21	30,200	571,960	602,160	4528890,070	518534,970
22	c30st	30	39,200	606,080	645,280	4528770,960	518852,320
23	n30st	30	39,050	663,630	702,680	4528664,020	519137,280
24	c30st	30	39,200	693,660	732,860	4528571,590	519383,550
25	n24st	24	32,390	734,100	766,490	4528419,440	519629,940
26	v27st	27	36,300	774,930	811,230	4528271,190	519870,020
27	v21st	21	30,300	780,380	810,680	4528166,650	520273,770
28	m18st	18	27,050	802,630	829,680	4528007,510	520643,000
29	p24st	24	33,300	785,460	818,760	4527920,130	520845,740
30	c21st	21	30,200	704,040	734,240	4527778,110	521174,570
31	c33st	33	42,200	616,840	659,040	4527534,500	521403,230
32	p18st	18	27,300	645,150	672,450	4527251,570	521450,630
33	c27st	27	36,200	595,050	631,250	4527033,140	521487,220
34	c24st	24	33,200	585,810	619,010	4526592,870	521584,980
35	c21st	21	30,200	599,780	629,980	4526345,270	521645,740
36	c21st	21	30,200	490,290	520,490	4525922,060	521739,620
37	c27st	27	36,200	465,710	501,910	4525489,700	521835,530
38	p33st	33	42,300	495,710	538,010	4525025,920	521938,410
39	p33st	33	42,300	530,800	573,100	4524743,730	522001,010
40	c15st	15	24,200	519,590	543,790	4524412,660	522074,450

Elettrodotto aereo a 150 kV "Tempio - Buddusò"



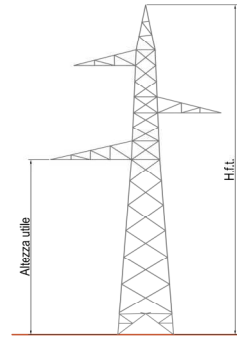
N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
41	n27st	27	36,050	514,130	550,180	4524086,500	521984,260
42	n27st	27	36,050	492,190	528,240	4523767,100	521895,940
43	n21st	21	30,050	497,390	527,440	4523444,010	521806,590
44	n24st	24	32,390	485,300	517,690	4523102,080	521712,040
45	n21st	21	30,050	486,280	516,330	4522781,080	521623,270
46	n24st	24	32,390	495,000	527,390	4522475,610	521538,810
47	n27st	27	36,050	535,900	571,950	4522088,000	521431,620
48	c30st	30	39,200	569,980	609,180	4521699,230	521324,120
49	n21st	21	30,050	542,300	572,350	4521440,540	521384,250
50	v27st	27	36,300	568,620	604,920	4521149,390	521451,920
51	m24st	24	33,050	596,830	629,880	4520893,260	521511,460
52	c24st	24	33,200	588,170	621,370	4520509,320	521600,710
53	n21st	21	30,050	586,350	616,400	4520229,810	521577,170
54	v30st	30	39,300	575,290	614,590	4519861,160	521546,130
55	m33st	33	42,050	482,290	524,340	4519562,840	521575,570
56	c27st	27	36,200	408,460	444,660	4519226,560	521608,770
57	m27st	27	36,050	371,550	407,600	4518945,180	521557,190
58	n18st	18	27,050	319,790	346,840	4518521,400	521479,360
59	c18st	18	27,200	313,030	340,230	4518166,970	521414,270
60	m18st	18	27,050	329,410	356,460	4517787,370	521415,200
61	c24st	24	33,200	299,160	332,360	4517505,540	521415,890
62	n33st	33	42,050	297,970	340,020	4517185,530	521296,540
63	m30st	30	39,050	314,880	353,930	4516812,820	521157,540
64	n30st	30	39,050	288,800	327,850	4516452,420	521023,120
65	c24st	24	33,200	267,600	300,800	4516133,100	520904,030
66	n21st	21	30,050	248,640	278,690	4515833,550	520892,950
67	n24st	24	32,390	240,470	272,860	4515515,530	520881,180
68	n27st	27	36,050	234,300	270,350	4515138,790	520867,240
69	c30st	30	39,200	234,130	273,330	4514744,370	520852,650
70	n27st	27	36,050	242,480	278,530	4514417,040	520690,150
71	n27st	27	36,050	234,800	270,850	4514128,830	520547,070
72	n24st	24	32,390	223,930	256,320	4513884,530	520425,800
73	c27st	27	36,200	221,430	257,630	4513590,170	520279,660
74	n21st	21	30,050	220,650	250,700	4513282,310	520382,450
75	c27st	27	36,200	209,540	245,740	4512888,770	520513,840
76	n24st	24	32,390	226,290	258,680	4512587,000	520350,350
77	n15st	15	24,050	255,450	279,500	4512223,390	520153,350
78	n21st	21	30,050	240,170	270,220	4511957,780	520009,440
79	n33st	33	42,050	244,220	286,270	4511694,300	519866,700
80	p18st	18	27,300	291,860	319,160	4511392,810	519703,360

Elettrodotto aereo a 150 kV "Tempio - Buddusò"



N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
81	c30st	30	39,200	256,260	295,460	4511089,380	519538,960
82	n24st	24	32,390	247,330	279,720	4510859,750	519591,470
83	n21st	21	30,050	241,990	272,040	4510384,170	519700,210
84	n24st	24	32,390	263,430	295,820	4510044,460	519777,890
85	c24st	24	33,200	295,690	328,890	4509734,900	519848,670
86	n21st	21	30,050	352,180	382,230	4509510,470	519989,040
87	n21st	21	30,050	397,370	427,420	4509321,960	520106,950
88	c18st	18	27,200	435,950	463,150	4509107,410	520241,140
89	c18st	18	27,200	492,690	519,890	4508600,020	520672,450
90	c18st	18	27,200	462,960	490,160	4508417,570	520866,830
91	v39st	39	48,300	430,840	479,140	4507935,410	521048,690
92	c21st	21	30,200	540,130	570,330	4507649,700	521159,770
93	m30st	30	39,050	581,820	620,870	4507404,890	521143,200
94	c30st	30	39,200	607,600	646,800	4507049,180	521119,130
95	c24st	24	33,200	552,020	585,220	4506856,980	521044,050
96	c21st	21	30,200	552,130	582,330	4506509,510	520425,190
97	c21st	21	30,200	591,480	621,680	4506345,100	520294,340
98	n18st	18	27,050	613,570	640,620	4506162,240	520250,760
99	c24st	24	33,200	588,650	621,850	4505888,160	520185,450
100	v21st	21	30,300	648,250	678,550	4505570,430	520155,330
101	m24st	24	33,050	599,070	632,120	4505300,070	520129,700
102	n18st	18	27,050	656,130	683,180	4504967,280	520098,150
103	m33st	33	42,050	688,860	730,910	4504646,450	520067,730
104	n30st	30	39,050	706,090	745,140	4504307,070	520035,550
105	n30st	30	39,050	726,330	765,380	4503973,270	520003,910
106	n30st	30	39,050	749,970	789,020	4503678,250	519975,940
107	n24st	24	32,390	760,840	793,230	4503369,430	519946,660
108	n18st	18	27,050	779,450	806,500	4503056,000	519916,940
109	n24st	24	32,390	786,210	818,600	4502690,130	519882,260
110	n27st	27	36,050	769,830	805,880	4502386,750	519844,230
111	n21st	21	30,050	792,390	822,440	4502086,910	519806,650
112	p21st	21	30,300	808,820	839,120	4501862,190	519778,480
113	n18st	18	27,050	772,750	799,800	4501663,030	519753,520
114	p18st	18	27,300	761,800	789,100	4501345,200	519713,680
115	n27st	27	36,050	796,040	832,090	4501044,660	519688,790
116	m27st	27	36,050	834,170	870,220	4500745,430	519664,010
117	n30st	30	39,050	833,410	872,460	4500370,600	519632,960
118	p30st	30	39,300	860,790	900,090	4500112,790	519611,610
119	c27st	27	36,200	833,950	870,150	4499730,130	519579,920
120	c21st	21	30,200	780,960	811,160	4499475,510	519873,260

Elettrodotto aereo a 150 kV "Tempio - Buddusò"



N°	Tipologia sostegno	Altezza utile [m]	Hft [m]	Q.s.l.m. [m]	hft+Qslm [m]	Coordinate WGS 84 - UTM 32n	
						Latitudine Nord (Gradi decimali)	Longitudine est (Gradi decimali)
121	n21st	21	30,050	791,960	822,010	4499390,850	520199,070
122	p21st	21	30,300	807,020	837,320	4499305,490	520527,560
123	n21st	21	30,050	770,710	800,760	4499206,510	520908,440
124	c18st	18	27,200	791,480	818,680	4499106,110	521294,840
125	c21st	21	30,200	787,870	818,070	4498916,490	521532,220
126	c18st	18	27,200	714,970	742,170	4498656,710	521857,440
127	n24st	24	32,390	688,210	720,600	4498398,500	522070,480
128	n27st	27	36,050	677,120	713,170	4498119,160	522300,960
129	c24st	24	33,200	673,000	706,200	4497853,570	522520,090
130	c27st	27	36,200	651,520	687,720	4497628,560	522767,830
131	n18st	18	27,050	647,490	674,540	4497384,840	522890,070
132	n24st	24	32,390	648,540	680,930	4497162,970	523001,350
133	c21st	21	30,200	641,840	672,040	4496913,670	523126,390
134	n21st	21	30,050	631,230	661,280	4496746,570	523287,380
135	n27st	27	36,050	623,810	659,860	4496539,140	523487,250
136	n27st	27	36,050	629,430	665,480	4496296,050	523721,460
137	c21st	21	30,200	631,270	661,470	4496024,220	523983,360
138	n21st	21	30,050	619,110	649,160	4495706,390	523973,030
139	n21st	21	30,050	618,120	648,170	4495427,920	523963,970
140	n24st	24	32,390	618,360	650,750	4495160,030	523955,260
141	c24st	24	33,200	617,460	650,660	4494888,520	523946,430
142	n21st	21	30,050	621,670	651,720	4494575,950	524049,040
143	n24st	24	32,390	637,380	669,770	4494270,770	524149,230
144	n18st	18	27,050	661,640	688,690	4494013,120	524233,810
145	n21st	21	30,050	687,240	717,290	4493782,230	524309,610
146	n15st	15	24,050	697,650	721,700	4493567,820	524379,990
147	p21st	21	30,300	686,610	716,910	4493292,610	524470,340
148	c18st	18	27,200	710,400	737,600	4493038,970	524553,600
149	n24st	24	32,390	726,770	759,160	4492723,910	524540,810
150	n27st	27	36,050	737,540	773,590	4492377,190	524526,730
151	n18st	18	27,050	767,880	794,930	4492070,080	524514,260
152	n24st	24	32,390	757,900	790,290	4491741,580	524500,920
153	n24st	24	32,390	764,750	797,140	4491525,180	524492,130
154	n27st	27	36,050	775,370	811,420	4491123,320	524475,810
155	e24yst	24	25,000	770,810	795,810	4490938,470	524460,080
156	palo gatto 18normale	18	21,500	769,150	790,650	4490920,600	524405,640