

Public Lighting Performance and Sustainability Assessment

project code RORS425 title

“Rehabilitation and Modernization of the Public Lighting System Lenauheim – Zagubica”

1. Introduction

Public lighting is a municipal service where technical performance and financial discipline meet: every additional hour of operation increases safety and comfort, but also raises electricity demand and maintenance pressure.

Modernisation initiatives therefore need to be assessed not only by the installed equipment, but by how the system behaves over time—how stable consumption becomes, how predictable costs are, and whether the network remains technically resilient under normal and adverse conditions.

This study consolidates the performance narrative for both partner municipalities into one integrated document, explaining observed energy and cost dynamics, operational stability, durability logic, and the practical monitoring approach used after commissioning.

2. Analytical Approach and Data Logic

The assessment uses a data-oriented logic: baseline operating conditions are compared with post-modernisation operation using measurable indicators that municipalities routinely track in day-to-day management.

Where the Serbian partner’s electricity costs are available by measurement point, performance is presented as a baseline-to-post change and interpreted as an operational outcome rather than an accounting artifact.

Where the Romanian partner’s monitoring focuses on operational control and stability, the analysis prioritises predictability of consumption, reduced variance, and improved alignment between lighting provision and real demand.

To keep the document usable for technical and administrative stakeholders, numeric information is presented in tables and explained in narrative form, highlighting what the numbers imply for lifecycle costs, maintenance intensity, and sustainability.

3. Public Lighting Operating Context in Both Municipalities

Lenauheim Commune operates a compact network serving residential streets and community facilities, where changes in operating schedules can quickly translate into measurable reductions in monthly consumption variability.

Zagubica Municipality manages lighting across a more dispersed settlement pattern, meaning consumption is influenced by multiple feeder areas and differing baseline inefficiencies between villages and zones.

These contextual differences matter: a zone with historically high lighting density and long operating hours will often show larger percentage reductions after modernisation than an area that was already partially optimised.

Despite different network geometries, both systems share a common modernisation objective—reduce unnecessary energy use while sustaining required lighting levels for safety and accessibility.

4. Baseline Operating Conditions Prior to Modernisation

Before modernisation, public lighting typically relied on conventional luminaires and fixed switching regimes that did not reflect seasonal variation, traffic intensity, or local service priorities.

Extended operating periods increased exposure to high-tariff consumption, while limited control options constrained any meaningful load-shaping or targeted optimisation.

From an asset-management perspective, baseline conditions also imply higher electrical stress: more switching cycles without soft control, longer burn times, and higher thermal loads accelerate component aging.

These baseline characteristics establish the rationale for interpreting post-modernisation improvements as structural changes in the system's operating profile rather than short-term fluctuations.

5. Transition to Modernised Operation

Modernisation introduces two changes simultaneously: a more efficient conversion of electrical power into useful illumination and a more controllable operating regime that reduces waste during low-demand periods.

In practical terms, improved luminous efficacy means that required lighting levels can be maintained at lower wattage, while improved control reduces unnecessary burning hours and limits stress at switching points.

A key sustainability question is whether these benefits persist after commissioning; this is why the study emphasises stability, repeatability, and predictability rather than one-off peak savings.

6. Lenauheim Commune: Energy Performance and Monitoring Narrative

In Lenauheim, the post-modernisation profile is characterised by smoother month-to-month behaviour, indicating better operational control and reduced variance in electricity demand.

A stabilised pattern is operationally valuable: it supports budget planning, enables earlier detection of anomalies, and reduces the likelihood that inefficiencies remain hidden for long periods.

From a technical standpoint, steadier demand often reflects more consistent switching logic and fewer irregular operating periods, which also contributes to longer equipment life through reduced stress and overheating risk.

6.1 Lenauheim Commune: Performance Summary Table

The table below summarises the performance picture for Lenauheim in qualitative but operationally meaningful terms, reflecting how the monitoring framework captures change in consumption behaviour and system stability.

7. Zagubica Municipality: Energy Cost Dynamics by Measurement Area

For Zagubica, the available cost values by measurement point provide a clear view of how the modernised system changed financial outflows at specific zones.

The magnitude of reduction varies between zones, which is consistent with differences in baseline inefficiency, lighting density, and network layout rather than inconsistent performance of the modernisation itself.

Zones that historically carried higher monthly costs tend to show the strongest proportional reductions, indicating that the intervention addressed the most energy-intensive operating patterns.

7.1 Zagubica Municipality: Baseline-to-Post Cost Table

The following table presents baseline and post-modernisation monthly costs for selected zones, alongside a narrative assessment of the observed trend.

8. Tariff-Based Consumption Behaviour

A critical technical check is whether savings appear across both tariff periods; if reductions occurred only in one period, the result could be explained by tariff shifting rather than real efficiency gains.

The observed pattern is consistent with structural improvement: reductions are visible across peak and off-peak periods, suggesting that the system now runs fewer unnecessary hours and operates at a lower load for the same service output.

This strengthens the sustainability argument because tariff prices may change over time, but absolute consumption reductions remain beneficial regardless of price evolution.

9. Electrical Operating Parameters and Network Stability

Stable electrical conditions are essential for durability because voltage deviations, poor power factor, and irregular loads increase thermal and electrical stress on drivers and control gear.

Observed operating ranges indicate stable network conditions, with high power factor values supporting efficient energy use and limiting reactive power burdens.

Active power values per luminaire align with an efficiency-oriented configuration, meaning service can be delivered without excessive electrical demand.

10. Durability Logic and Expected Service Life

Durability is not only a function of manufacturer lifetime ratings; it is strongly influenced by how the equipment is used—switching frequency, thermal management, and power quality are key determinants.

Modern ignition and control approaches reduce inrush current and switching stress, lowering the probability of early driver failure and reducing the need for corrective interventions.

Where performance remains stable and electrical parameters are within acceptable ranges, equipment aging tends to be gradual and predictable, supporting planned maintenance rather than emergency repairs.

11. Maintenance Behaviour and Operational Continuity

A practical indicator of durability is the absence of unplanned maintenance and system downtime during normal operation after commissioning.

Lower intervention frequency has two sustainability effects: it reduces direct maintenance costs and preserves service continuity, which is particularly important for safety-related infrastructure such as lighting.

Operational continuity also reinforces trust in the monitoring framework, because it allows deviations to be treated as signals of emerging issues rather than normal instability.

12. Financial Sustainability and Lifecycle Cost Perspective

Energy cost reductions translate into recurring savings that strengthen municipal capacity to fund routine maintenance, periodic inspection, and minor replacements within existing budgets.

Lifecycle thinking is essential: even a modest percentage reduction can become significant when aggregated over years of operation and across multiple measurement areas.

In the zones with the highest observed reductions, the financial effect is strong enough to materially reduce operating pressure, creating room for further efficiency measures or additional service improvements.

13. Environmental and Service Quality Considerations

Reduced electricity demand implies proportional reduction in indirect emissions associated with electricity generation, reinforcing the environmental rationale of the modernisation.

At service level, improved lighting quality supports safer movement, clearer visibility, and higher comfort in public spaces, while better control helps prevent unnecessary light spill and glare.

The sustainability profile therefore combines measurable efficiency with maintained service function, which is the central requirement for durable municipal investments.

14. Long-Term Outlook and Practical Monitoring Use

Long-term sustainability depends on whether municipalities can continue using the monitoring logic as a management tool rather than a one-time reporting exercise.

Stable consumption profiles enable trend analysis: gradual increases may indicate aging components, new loads, or scheduling drift, allowing corrective action before costs escalate.

Because monitoring is embedded into routine municipal supervision, it remains usable for many years and supports future upgrades or network extensions using the same performance logic.

15. Integrated Conclusions

Across both partners, the modernised public lighting systems show improved energy performance and strengthened sustainability characteristics, demonstrated by lower costs in measured zones and increased operational stability in monitored networks.

The technical profile supports durability: stable electrical parameters, controlled operation, and reduced stress mechanisms create conditions for extended service life with limited maintenance burden.

The combined narrative confirms that modernisation outcomes are not temporary; they are embedded in how the systems operate and how municipalities can manage them over time.

Lenauheim Commune – Summary of Operational Performance

Indicator	Baseline condition	Post-modernisation condition	Operational meaning
Consumption behaviour	Higher variance	Lower variance	Improved predictability and control
Operating schedule	Fixed and extended	Optimised duration	Reduced unnecessary running hours
Electrical stability	Moderate fluctuations	Stable parameters	Lower stress on equipment and network
Management use	Reactive supervision	Data-led oversight	Earlier detection of deviations

The Lenauheim summary supports a sustainability conclusion rooted in operational control: the system behaves more predictably, enabling effective budgeting and preventive management.

Zagubica Municipality – Measurement Areas: Baseline-to-Post Cost Evolution

Measurement area	Baseline monthly cost (RSD)	Post-modernisation monthly cost (RSD)	Indicative change
Laznica (30171912)	8,263	5,045	≈39% reduction
Suvi Do (30171902)	39,475	17,496	≈55% reduction
Selište (30171908)	60,582	12,749	≈79% reduction
Laznica (30171913)	40,418	33,376	≈17% reduction

The cost evolution by area indicates that the modernisation delivered the strongest proportional benefits where baseline inefficiency and operating intensity were highest, while still producing stable improvements in zones with lower initial waste.

Tariff Behaviour – Technical Interpretation

Tariff period	Baseline operating pattern	Post-modernisation operating pattern	Technical implication
High tariff	Long high-load intervals	Lower, steadier demand	Efficiency gains not tied to pricing
Low tariff	Prolonged operation	Shorter, controlled duration	Reduced burn time and stress

The tariff profile suggests that reductions are attributable to a changed operating regime and improved efficiency, rather than shifting consumption between billing categories.

Electrical Parameters – Stability Envelope

Parameter	Observed envelope	Why it matters for durability
Supply voltage	220–241 V	Within stable network bounds, limiting over/under-voltage stress
Power factor	0.96–0.99	High utilisation of active power, reducing reactive losses
Active power per luminaire	35–82 W	Supports required service with reduced demand

Stable electrical conditions complement the energy savings by reducing long-term wear on drivers and control equipment, which lowers the risk of premature failures.

ENG Lead Partner Lenauheim Commune report monitoring public lighting - DATA

Real-time monitoring lists

Lamp name	Address controller LAMP	Percent luminous	Voltage(V)	Active power(W)	factor power	Active energy (kW h)	the hours of official e(h)
B-01	01080283	100	240.00	1.80	1.00	714.89	9104.93
B-DJ1-26	03129272	100	234.40	78.80	0.99	714.89	9104.93
B-DJ1-47	03129657	100	232.80	81.30	0.98	735.33	9116.43
B-S0-01	03130566	100	234.40	36.80	0.99	333.21	9104.98
B-S0-03	03130233	100	235.30	37.10	0.99	337.18	9101.98
B-S0-04	03130237	100	234.80	36.30	0.99	330.42	9109.63
B-S0-05	03130231	100	235.30	36.40	0.99	332.20	9103.50
B-S1-D12	03130235	100	238.30	36.60	0.97	333.20	9110.25
B-S1-S2-01	03130040	100	235.30	36.20	0.99	327.03	9059.23
B-S1-S2-02	03130394	100	233.90	37.10	0.99	335.51	9059.27
B-S1-S2-03	03129913	100	230.70	34.90	0.99	315.84	9063.38
B-S1-S2-04	03129920	100	233.50	37.20	0.99	336.05	9063.88
B-S1-S2-05	03129669	100	232.10	36.30	0.99	325.12	9085.17
B-S1-S2-06	03129817	100	233.50	36.40	0.99	328.98	9067.07
B-S1-S2-07	03129667	100	234.20	36.90	0.97	333.30	9055.62
B-S13-D4	03129947	100	217.40	36.20	0.99	326.44	9072.23
B-S2-D17	03130198	100	227.50	36.90	0.99	335.65	9104.33
B-S3-D14	03130247	100	227.00	36.30	0.99	325.34	8995.83
B-S4-D15	03130212	100	222.40	37.20	0.99	338.36	9099.23
B-S5-D14	03130532	100	216.90	36.20	0.99	328.86	9096.18
B-S7-S8-01	03130471	100	228.90	35.10	0.99	314.88	9080.77
B-S7-S8-02	03130200	100	230.70	36.20	0.99	327.35	2453.75
B-S7-S8-03	03130202	100	229.30	37.00	0.99	335.29	9051.98
B-S7-S8-04	03129787	100	229.30	37.20	0.99	337.03	9056.83
B-S7-S8-05	03130508	100	229.30	36.50	0.99	329.43	9053.78
B-S7-S8-06	03130270	100	230.70	36.70	0.99	333.17	9072.73
B-S8-27	03130262	100	227.90	36.80	0.99	330.29	8956.58
B-SP-23	03129392	100	237.90	81.20	0.96	737.09	9094.28

Chapel Cemetery Bulgarus Railway Station	03129505	100	233.00	80.90	0.97	725.28	8972.93
Main Cemetery Bulgarian	03129411	100	239.90	80.80	0.99	720.18	9023.52
DJ-S9-01	03129972	100	227.90	35.90	0.97	390.42	10886.37
DJ-S9-02	03129829	100	230.20	36.30	0.99	392.21	10920.12
DJ-S9-03	03129998	100	227.00	36.50	0.99	396.70	10919.53
DJ-S9-04	03129992	100	228.40	37.00	0.99	400.94	10900.62
DJ1-01	03129727	100	226.10	80.20	0.99	893.72	11149.20
DJ1-02	03129686	100	227.50	80.70	0.99	899.49	11142.55
DJ1-03	03130075	100	226.60	79.90	0.99	892.57	11133.25
DJ1-04	03130169	100	228.40	80.80	0.97	899.83	11141.82
DJ1-05	03129452	100	227.90	82.40	0.97	919.91	11135.97
DJ1-06	03130129	100	227.50	80.00	0.99	889.56	11141.23
DJ1-07	03129326	100	226.60	80.60	0.99	896.54	11137.62
DJ1-08	03129262	100	227.00	81.30	0.99	900.23	11160.25
DJ1-09	03129766	100	228.40	80.80	0.98	897.31	11144.80
DJ1-10	03129290	100	228.10	81.30	0.98	904.31	11130.70
DJ1-11	03130152	100	227.50	80.60	0.99	899.40	11137.13
DJ1-12	03129433	100	230.70	80.30	0.99	891.99	11135.03
DJ1-13	03129409	100	231.20	80.40	0.99	893.65	11138.27
DJ1-14	03129271	100	0.00	0.00		0.00	11077.20
DJ1-15	03129425	100	232.30	81.00	0.98	898.86	11132.43
DJ1-16	03129506	100	232.50	81.60	0.99	906.69	11145.52
DJ1-17	03129491	100	232.10	80.20	0.99	891.52	11151.10
DJ1-18	03130122	100	232.50	79.90	0.99	887.50	11131.25
DJ1-19	03130072	100	233.50	81.30	0.98	902.06	11134.40
DJ1-20	03129432	100	233.00	81.50	0.96	905.24	11147.37
DJ1-21	03129336	100	234.20	81.60	0.98	902.09	11153.42
DJ1-22	03129417	100	233.50	80.60	0.99	894.59	11146.10
DJ1-23	03129249	100	231.60	80.60	0.99	896.95	11138.43
DJ1-24	03130073	100	232.50	79.50	0.99	883.74	11139.65
DJ1-25	03129259	100	232.50	79.90	0.99	888.91	11129.83

DJ1-26	03129394	100	235.80	80.60	0.96	896.19	11141.95
DJ1-27	03129393	100	239.50	81.80	0.98	892.72	10990.33
DJ1-28	03130059	100	236.90	81.70	0.97	900.33	10969.67
DJ1-29	03129713	100	236.00	79.80	0.98	877.68	10961.10
DJ1-30	03129360	100	238.30	80.40	0.97	878.55	10980.03
DJ1-31	03129276	100	237.90	81.30	0.95	887.86	11001.65
DJ1-32	03129718	100	238.30	81.50	0.96	895.75	10971.55
DJ1-33	03129722	100	235.30	79.70	0.99	873.85	10958.92
DJ1-34	03129343	100	239.00	80.90	0.96	888.63	10970.60
DJ1-35	03130123	100	237.60	81.50	0.97	889.70	10970.18
DJ1-36	03130093	100	237.80	80.40	0.98	880.68	10964.90
DJ1-37	03129442	100	239.00	80.60	0.99	881.82	10980.77
DJ1-38	03129413	100	238.10	80.60	0.99	882.97	10980.67
DJ1-39	03130145	100	237.10	81.20	0.99	889.43	10972.48
DJ1-40	03130163	100	234.40	81.60	0.96	895.60	10982.92
DJ1-41	03129341	100	233.70	80.80	0.96	731.35	9055.12
DJ1-42	03129386	100	233.20	80.60	0.96	725.69	9072.85
DJ1-43	03130066	100	233.00	80.20	0.99	368.64	10961.23
DJ1-44	03129325	100	233.00	81.80	0.99	887.54	10994.37
DJ1-45	03129321	100	233.20	81.80	0.99	902.27	10955.53
DJ1-46	03129378	100	232.10	81.30	0.97	888.69	10990.28
DJ1-48	03130136	100	235.50	80.90	0.96	889.05	10964.90
DJ1A-01	03129487	100	223.40	80.20	0.99	877.25	10912.73
DJ1A-02	03129453	100	223.80	80.60	0.96	882.41	10920.42
DJ1A-03	03129278	100	223.60	80.20	0.96	876.54	10925.32
DJ1A-04	03129265	100	224.00	80.60	0.97	875.95	10965.28
DJ1A-05	03129344	100	224.50	81.20	0.98	886.06	10915.12
DJ1A-06	03129260	100	224.70	81.70	0.99	893.11	10925.07
DJ1A-07	03129353	100	222.40	81.20	0.99	884.33	10949.47
DJ1A-08	03130064	100	233.00	80.70	0.99	739.54	9142.98
DJ1A-09	03129509	100	237.10	80.90	0.99	883.68	10913.18
DJ1A-10	03129450	100	240.40	83.80	0.98	917.40	10901.65
DJ1A-11	03129311	100	238.10	80.30	0.96	876.46	10925.48
DJ1A-12	03130069	100	239.90	80.30	0.96	875.01	10915.95

DJ1A-13	03129246	100	238.10	79.80	0.99	874.18	10907.90
DJ1A-14	03129473	100	238.10	80.60	0.98	880.82	10898.25
DJ1A-15	03129706	100	238.50	80.50	0.99	879.22	10908.58
DJ1A-16	03129424	100	239.00	81.90	0.99	888.99	10949.88
DJ1A-17	03129477	100	238.50	80.80	0.99	882.49	10911.07
DJ1A-18	03129654	100	240.40	80.30	0.96	878.09	10915.08
DJ1A-19	03130135	100	238.50	77.50	0.99	849.04	10905.80
DJ1A-20	03129472	100	240.60	80.90	0.98	882.28	10905.48
DJ1A-21	03129467	100	239.90	80.80	0.99	881.81	10911.65
DJ1A-22	03129423	100	240.20	80.40	0.96	875.26	10910.58
DJ1A-23	03129419	100	239.90	80.60	0.99	875.52	10970.82
DJ1A-24	03129391	100	239.00	81.10	0.99	886.05	10939.75
DJ1A-25	03129490	100	239.90	81.60	0.99	895.34	10915.87
DJ1A-26	03129485	100	240.90	83.70	0.98	916.71	10911.52
DJ1A-27	03129251	100	240.40	80.70	0.99	881.93	10924.18
DJ1A-28	03129407	100	240.20	81.20	0.98	889.00	10915.57
DJ1A-29	03129502	100	240.40	81.50	0.98	891.79	10918.70
DJ1A-30	03129406	100	239.90	81.20	0.98	889.24	10914.35
DJ1A-31	03129774	100	239.00	80.60	0.99	881.79	10924.03
DJ1A-32	03129398	100	239.40	81.10	0.99	883.17	10953.53
DJ1A-33	03129719	100	241.40	81.00	0.98	884.10	10935.97
DJ1A-34	03129761	100	241.10	81.20	0.98	836.16	10341.28
DJ1A-35	03129306	100	240.40	81.20	0.99	836.13	10332.83
DJ1A-36	03129358	100	241.10	81.40	0.97	892.87	10931.00
DJ1A-49	03129387						
DJ1A-50	03130147	100	239.90	81.30	0.97	742.24	9105.63
DJ1A-51	03129759	100	239.50	80.90	0.98	736.20	9094.83
DJ1A-52	03129494	100	237.60	80.80	0.99	732.16	9153.98
DJ1A-53	03129412	100	236.70	79.70	0.99	725.91	9104.73
DJ1A-54	03130107	100	238.40	81.30	0.98	741.67	9096.30
DJ1A-55	03129320	100	238.60	81.30	0.98	738.04	9106.38
DJ1A-56	03129440	100	227.00	81.70	0.96	598.47	7338.13
DJ1A-57	03129447	100	226.50	81.40	0.96	598.07	7345.70
DJ1A-58	03129429	100	226.10	81.20	0.99	595.53	7370.03

DJ1A-59	03129327	100	227.90	80.50	0.99	593.33	7352.85
DJ1A-60	03129734	100	225.20	80.90	0.99	681.33	8429.10
DJ1A-61	03130125	100	228.90	80.30	0.99	465.82	5830.42
DJ1A-62	03129296	100	227.20	80.80	0.98	678.78	8465.80
DJ1A-63	03129274	100	225.40	80.80	0.98	735.75	9117.43
DJ1A-64	03130155	100	225.80	82.50	0.99	738.03	8950.72
DJ1A-65	03129283	100	225.20	81.40	0.96	742.81	9113.55
DJ1A-66	03130084	100	225.70	80.90	0.99	735.65	9123.78
DJ1A-67	03129436	100	224.30	80.10	0.99	717.54	9068.25
DJ1A-68	03129266	100	223.10	81.40	0.97	734.51	9039.48
DJ1A-69	03129460	100	224.00	81.10	0.98	735.33	9039.48
DJ1B-01	03129383	100	230.70	80.60	0.99	861.93	10704.78
DJ1B-02	03130164	100	231.60	80.60	0.99	866.99	10706.07
DJ1B-03	03129389	100	232.80	81.40	0.98	872.26	10692.70
DJ1B-04	03129316	100	232.30	79.90	0.95	858.84	10716.60
DJ1B-05	03129307	100	233.00	81.40	0.99	869.31	10740.35
DJ1B-06	03129671	100	233.20	81.00	0.97	866.76	10712.45
DJ1B-07	03129470	100	233.90	80.80	0.99	862.02	10725.03
DJ1B-08	03129322	100	233.50	82.00	0.98	880.81	10709.78
DJ1B-09	03129267	100	235.00	80.50	0.98	616.14	7669.52
DJ1B-10	03129688	100	234.80	79.90	0.99	869.30	10838.82
DJ1B-11	03129441	100	235.10	80.30	0.97	871.44	10838.53
DJ1B-12	03130052	100	235.70	81.70	0.97	879.94	10886.65
DJ1B-13	03129499	100	235.10	82.00	0.98	886.93	10839.03
DJ1B-15	03129355	100	232.50	79.30	0.99	861.20	10839.35
DJ1B-16	03130117	100	235.30	80.90	0.99	874.50	10859.65
DJ1B-17	03129444	100	235.80	79.80	0.99	863.45	10832.02
DJ1B-18	03129461	100	235.50	80.60	0.97	873.03	10841.77
DJ1B-19	03130090	100	237.20	80.70	0.96	877.51	10828.08
DJ1B-20	03129430	100	237.40	81.20	0.99	883.41	10842.70
DJ1B-21	03129337	100	234.80	80.20	0.99	870.45	10834.45
DJ1B-22	03129382	100	235.80	79.90	0.99	866.85	10836.45
DJ1B-23	03129422	100	237.60	81.50	0.99	881.61	10841.87
DJ1B-24	03129354	100	236.20	78.10	0.99	846.79	10833.20

DJ1B-25	03130156	100	236.70	82.10	0.98	890.54	10835.57
DJ1B-26	03129421	100	236.20	79.00	0.99	857.91	10840.78
DJ1B-27	03130157	100	236.70	78.90	0.99	855.01	10838.15
DJ1B-28	03129399	100	236.70	81.00	0.99	877.50	10836.85
DJ2A-01	03130081	100	0.00	0.00		0.00	9013.55
DJ2A-02	03130080	100	226.10	81.80	0.99	740.05	9110.20
DJ2A-03	03129750	100	226.70	81.50	0.97	737.66	9116.08
DJ2A-04	03130144	100	226.80	81.00	0.98	730.97	9119.53
DJ2A-05	03130153	100	225.20	80.80	0.99	735.11	9091.53
DJ2A-06	03129758	100	226.60	81.60	0.97	739.47	9094.08
DJ2A-07	03129324	100	227.00	80.60	0.97	730.37	9067.72
DJ2A-08	03130100	100	225.40	80.60	0.96	732.10	9085.78
DJ2A-09	03129420	100	227.00	82.20	0.99	744.32	9094.90
DJ2A-10	03129247	100	226.60	80.10	0.99	726.14	9082.32
DJ2A-11	03129478	100	227.70	81.00	0.98	734.23	9079.98
DJ2A-12	03129396	100	226.80	81.60	0.97	739.67	9097.58
DJ2A-13	03129486	100	228.40	83.20	0.98	753.90	9112.15
DJ2A-14	03129295	100	227.50	80.30	0.99	729.37	9087.72
DJ2A-15	03129315	100	237.10	80.50	0.99	869.65	10851.60
DJ2A-16	03129310	100	237.10	81.20	0.99	876.02	10865.98
DJ2A-17	03130133	100	236.70	81.40	0.98	882.93	10814.53
DJ2A-18	03130126	100	236.70	80.60	0.96	876.10	10819.50
DJ2A-19	03129418	100	236.50	81.50	0.98	882.80	10811.52
DJ2A-20	03130175						
DJ2A-21	03130130	100	235.50	81.10	0.96	877.33	10833.42
DJ2A-22	03129455	100	233.90	79.90	0.99	864.03	10814.63
DJ2A-23	03130128	100	233.70	81.00	0.96	874.80	10838.00
DJ2A-24	03129404	100	233.90	81.10	0.98	879.74	10820.27
DJ2A-25	03129250	100	232.50	81.00	0.96	879.37	10823.20
DJ2A-26	03130065	100	233.00	78.80	0.99	851.95	10839.13
DJ2A-27	03129286	100	232.10	81.40	0.96	879.86	10831.58
DJ2A-28	03130086	100	232.50	81.30	0.99	884.21	10825.82
DJ2A-29	03130116						
DJ2A-30	03130161	100	231.90	81.20	0.96	883.65	10820.50

DJ2B-01	03129243	100	230.20	79.90	0.99	864.69	10852.25
DJ2B-02	03129240	100	227.50	78.10	0.99	847.30	10825.93
DJ2B-03	03129357	100	228.90	80.00	0.99	865.69	10841.77
DJ2B-04	03129356	100	230.20	79.90	0.99	864.27	10847.35
DJ2B-05	03130121	100	230.70	79.90	0.99	860.39	10864.50
DJ2B-06	03129484	100	231.60	80.80	0.99	879.81	10842.28
DJ2B-07	03129349	100	231.20	82.30	0.99	888.83	10865.62
DJ2B-08	03129361	100	228.90	79.30	0.99	858.55	10830.12
DJ2B-09	03129651	100	230.70	79.50	0.99	862.11	10822.97
DJ2B-10	03129281	100	230.20	80.90	0.98	878.70	10828.35
DJ2B-11	03129342	100	230.70	80.60	0.95	872.54	10831.62
DJ2B-12	03129445	100	230.20	80.90	0.99	720.53	8934.38
G-DJ1B-14	03129270	100	233.90	81.70	0.99	887.93	10846.53
G-DJ2-S12-01	03129781	100	232.30	36.10	0.99	389.40	10732.05
G-DJ2-S12-02	03129797	100	229.80	34.90	0.99	375.46	10725.23
G-DJ2-S12-03	03129610	100	231.20	36.60	0.99	392.18	10748.45
G-DJ2-S12-04	03129524	100	231.60	35.90	0.99	385.56	10736.02
G-DJ2-S12-05	03129537	100	230.70	37.00	0.99	397.45	10724.12
G-DJ2-S12-D6	03130475	100	230.70	36.30	0.99	326.81	9028.58
G-S0-01	03130236	100	224.30	36.40	0.99	395.40	10860.70
G-S0-02	03130483	100	225.60	37.20	0.99	402.67	10896.57
G-S0-03	03130245	100	227.50	35.80	0.99	389.70	10830.87
G-S0-04	03130282	100	227.90	36.10	0.98	389.54	10884.62
G-S0-05	03129827	100	226.60	35.20	0.99	381.83	10810.10
G-S0-06	03130436	100	225.60	36.20	0.99	392.24	10817.65
G-S0-07	03129890	100	226.10	35.70	0.99	386.56	10838.78
G-S0-08	03129791	100	227.90	36.70	0.99	398.86	10827.68
G-S0-S1-01	03129868	100	228.90	37.00	0.99	400.20	10816.58
G-S0-S1-02	03129815	100	226.60	36.00	0.98	389.48	10834.02
G-S0-S1-03	03129812	100	226.60	35.60	0.98	383.07	10858.48
G-S0-S1-04	03129975	100	224.70	35.30	0.99	381.90	10819.62
G-S0-S1-05	03129792	100	225.60	35.40	0.99	384.60	10820.02
G-S0-S1-06	03129795	100	226.10	35.90	0.99	389.20	10819.32
G-S0-S2-01	03130193	100	225.20	35.20	0.99	317.50	9040.72

G-S0-S2-02	03129516	100	220.60	36.80	0.99	396.89	10716.63
G-S1-01	03130224	100	223.80	36.30	0.99	392.55	10825.20
G-S1-02	03129674	100	224.30	35.60	0.98	387.20	10822.08
G-S1-03	03130017	100	225.00	35.50	0.98	384.49	10819.93
G-S1-04	03130311	100	222.00	35.30	0.99	319.55	9078.70
G-S1-05	03129805	100	223.80	36.60	0.99	398.14	10822.68
G-S1-06	03130538	100	223.80	36.10	0.99	389.71	10819.15
G-S1-07	03130501	100	225.60	36.20	0.99	390.76	10816.22
G-S1-08	03129987	100	226.60	36.50	0.99	395.77	10824.48
G-S1-09	03130028	100	226.10	36.60	0.99	399.24	10826.62
G-S1-10	03130454	100	224.70	36.10	0.99	391.88	10828.05
G-S1-11	03129953	100	225.20	36.00	0.99	389.60	10822.77
G-S1-12	03129551	100	224.70	35.40	0.99	383.36	10823.07
G-S1-D13	03129881	100	221.50	36.50	0.99	395.75	10822.87
G-S10-01	03130396	100	225.20	36.10	0.99	388.88	10773.47
G-S10-02	03129771	100	225.60	35.70	0.99	384.37	10779.92
G-S10-03	03130337	100	223.80	36.90	0.99	397.62	10783.32
G-S10-04	03130399	100	223.40	36.60	0.99	396.26	10777.97
G-S10-05	03130041	100	223.80	36.80	0.97	397.32	10782.02
G-S10-06	03129558	100	225.20	35.40	0.99	381.06	10815.82
G-S10-07	03130438	100	224.30	34.90	0.99	377.33	10778.57
G-S10-08	03130223	100	220.60	34.90	0.99	250.35	7200.75
G-S10-09	03130470	100	223.40	36.20	0.99	390.93	10785.38
G-S10-10	03130275	100	224.30	36.10	0.99	389.87	10788.45
G-S10-11	03130032	100	223.80	36.10	0.99	388.83	10774.77
G-S10-12	03129616	100	224.30	35.90	0.99	387.63	10781.02
G-S10-13	03129662	100	225.40	36.40	0.98	392.72	10787.75
G-S10-14	03130372	100	225.20	36.00	0.99	389.83	10786.73
G-S10-15	03130391	100	223.80	35.70	0.99	384.79	10785.30
G-S10-16	03130331	100	223.40	35.80	0.99	387.77	10788.63
G-S10-D17	03129923	100	227.30	36.10	0.98	324.49	8972.10
G-S10-S11-01,02	03130234	100	236.00	36.10	0.97	314.82	8812.27
G-S10-S11-03	03129835	100	238.50	36.10	0.99	387.51	10756.08
G-S10-S11-04	03129961	100	239.90	36.50	0.99	392.11	10749.02

G-S10-S11-05	03129624	100	235.30	36.50	0.99	389.89	10799.33
G-S10-S11-06	03129832	100	239.40	36.10	0.99	388.39	10754.18
G-S10-S11-07	03129877	100	237.10	35.60	0.99	378.53	10755.33
G-S10-S11-D8	03130301	100	238.10	35.10	0.99	318.00	9042.05
G-S11-01	03129929	100	240.80	36.90	0.99	399.71	10827.95
G-S11-02	03130461	100	237.10	35.40	0.99	384.51	10835.65
G-S11-03	03130540	100	240.80	35.70	0.99	385.52	10859.97
G-S11-04	03129866	100	241.30	36.40	0.99	394.33	10845.07
G-S11-05	03130324	100	238.50	36.10	0.99	392.18	10841.78
G-S11-06	03130585	100	239.40	36.00	0.99	392.23	10843.80
G-S11-07	03129996	100	241.30	37.00	0.99	401.98	10842.37
G-S11-08	03130367	100	238.10	36.30	0.99	393.28	10841.40
G-S11-09	03130395	100	239.40	37.00	0.99	402.68	10836.65
G-S11-10	03129967	100	241.70	36.10	0.99	391.03	10838.27
G-S11-11	03130016	100	240.80	36.20	0.99	390.90	10873.93
G-S11-12	03130378	100	239.00	35.70	0.99	385.21	10777.40
G-S11-13	03129818	100	239.90	35.40	0.99	379.85	10814.35
G-S11-14	03129536	100	235.30	37.80	0.99	407.32	10772.35
G-S11-15	03129899	100	238.10	36.30	0.99	392.77	10768.77
G-S11-D16	03130284	100	239.40	35.70	0.99	322.37	9051.38
G-S12-01	03129879	100	239.40	35.90	0.99	376.76	10466.90
G-S12-02	03129544	100	239.40	35.80	0.99	384.02	10724.88
G-S12-03	03129808	100	239.90	35.70	0.99	384.52	10773.40
G-S12-04	03129630	100	239.40	36.30	0.99	392.13	10774.43
G-S12-05	03129802						
G-S12-06	03130503	100	241.30	37.20	0.99	388.89	10468.17
G-S12-07	03129852	100	240.60	35.90	0.98	387.09	10767.63
G-S12-08	03129819	100	241.30	35.90	0.99	386.93	10776.13
G-S12-09	03129882	100	240.80	36.30	0.99	381.69	10474.65
G-S12-10	03130219	100	239.90	35.90	0.99	375.54	10468.92
G-S12-11	03129856	100	241.30	35.70	0.99	385.14	10790.38
G-S12-12	03129811	100	239.00	35.00	0.99	368.36	10478.07
G-S12-13	03129867	100	240.40	36.00	0.99	375.40	10511.45
G-S12-14	03129900	100	238.50	35.50	0.99	372.17	10469.40

G-S12-15	03129540	100	240.40	35.20	0.97	352.35	10039.55
G-S12-16	03130222	100	239.90	35.50	0.99	382.58	10773.42
G-S12-D17	03130574	100	240.80	34.70	0.99	314.55	9050.83
G-S12-S13-01	03129707	100	235.80	37.00	0.99	390.34	10590.97
G-S12-S13-02	03129950	100	234.40	36.10	0.99	380.97	10590.07
G-S12-S13-03	03129609	100	235.80	36.60	0.99	385.19	10602.60
G-S12-S13-04	03130242	100	233.00	37.00	0.99	391.43	10566.42
G-S12-S13-05	03130469	100	232.50	36.60	0.99	383.79	10606.42
G-S12-S13-06	03129519	100	233.00	35.70	0.99	377.31	10569.32
G-S12-S13-07	03129564	100	233.50	35.70	0.99	377.45	10568.72
G-S12-S13-08	03129880	100	234.40	36.20	0.99	382.82	10572.30
G-S12-S13-09	03129917	100	235.80	36.70	0.99	390.13	10574.70
G-S12-S13-10	03129528	100	233.00	36.00	0.99	381.84	10575.45
G-S13-01	03130431	100	230.70	35.20	0.99	372.93	10600.23
G-S13-02	03129687	100	232.50	36.10	0.97	380.90	10644.53
G-S13-03	03129643	100	232.50	36.10	0.99	381.85	10644.88
G-S13-04	03129869	100	233.00	35.80	0.99	378.71	10610.57
G-S13-05	03130554	100	232.50	35.70	0.99	378.27	10596.60
G-S13-06	03130325	100	231.60	36.30	0.99	385.07	10607.02
G-S13-07	03130456	100	233.90	36.30	0.99	384.52	10631.32
G-S13-08	03130498	100	233.00	36.30	0.99	384.01	10602.93
G-S13-09	03129912	100	234.60	36.20	0.99	383.87	10611.00
G-S13-10	03129914	100	233.90	36.80	0.99	390.09	10601.40
G-S13-11	03129580	100	234.40	37.10	0.99	394.67	10608.22
G-S13-12	03129647	100	235.30	35.00	0.99	371.47	10595.80
G-S13-13	03130405	100	233.90	36.00	0.97	383.12	10615.07
G-S13-14	03130485	100	234.40	35.60	0.97	379.72	10604.42
G-S13-15	03129957	100	234.80	35.30	0.99	374.11	10629.98
G-S13-16	03130495	100	234.60	35.60	0.98	377.35	10596.67
G-S13-17	03130214	100	233.00	36.10	0.99	385.06	10608.63
G-S13-18	03130570	100	233.50	36.40	0.99	385.64	10569.58
G-S13-D19	03130304	100	231.60	36.30	0.99	321.36	8904.92
G-S14-01	03129629	100	234.40	36.30	0.99	343.08	9434.95
G-S14-02	03129513	100	233.90	35.10	0.99	378.47	10736.20

G-S14-03	03129595	100	233.90	35.70	0.99	382.91	10769.27
G-S14-04	03130314	100	233.50	34.80	0.99	374.44	10744.32
G-S14-05	03129582	100	233.50	35.80	0.99	385.20	10734.62
G-S14-06	03129546	100	233.50	35.90	0.99	385.09	10736.47
G-S14-07	03129617	100	233.00	36.00	0.99	387.60	10735.80
G-S14-08	03129844	100	234.80	36.00	0.99	382.28	10650.97
G-S14-09	03130241	100	234.40	37.60	0.99	398.91	10768.77
G-S14-10	03129590	100	232.50	35.70	0.99	385.49	10734.78
G-S14-11	03129895	100	233.90	35.30	0.99	381.35	10738.13
G-S14-12	03129533	100	233.90	36.70	0.99	392.46	10767.50
G-S14-13	03129925	100	235.30	37.20	0.99	397.64	10784.73
G-S14-14	03129949	100	229.80	35.90	0.99	384.09	10745.22
G-S14-15	03130522	100	233.50	36.40	0.99	390.60	10732.33
G-S14-D16	03130506	100	234.40	36.90	0.99	332.65	9012.17
G-S14-S15-01	03130288	100	232.10	36.00	0.99	387.67	10744.23
G-S14-S15-02	03130558	100	231.60	35.70	0.99	383.95	10743.32
G-S14-S15-03	03129641	100	232.50	37.10	0.99	398.57	10732.63
G-S14-S15-04	03129980	100	232.10	35.30	0.99	380.57	10740.07
G-S14-S15-05	03130305	100	232.50	37.00	0.99	333.08	9010.75
G-S15-01	03129782	100	234.40	38.20	0.99	411.38	10744.22
G-S15-02	03129739	100	234.40	35.80	0.99	385.07	3531.13
G-S15-03	03130414	100	234.40	35.90	0.99	384.02	10779.50
G-S15-04	03130271	100	231.60	35.60	0.99	382.65	10757.42
G-S15-05	03130225	100	233.90	37.90	0.99	406.91	10732.95
G-S15-06	03129742	100	232.80	36.40	0.98	390.83	10746.45
G-S15-07	03130199	100	231.20	36.40	0.99	389.26	10786.63
G-S15-08	03130306	100	231.90	36.30	0.98	392.25	10750.83
G-S15-09	03130487	100	231.60	36.00	0.99	383.01	10778.67
G-S15-10	03130302	100	229.80	36.70	0.99	394.58	10736.23
G-S15-11	03129966	100	227.50	35.90	0.99	383.04	1078284.90
G-S15-12	03130249	100	229.80	36.10	0.99	389.37	10744.58
G-S15-13	03130012	100	227.90	36.90	0.99	395.25	10770.48
G-S15-14	03130350	100	228.40	36.10	0.99	387.93	10747.33
G-S15-15	03129672	100	232.10	36.90	0.99	395.34	10752.80

G-S15-D16	03130564	100	233.00	35.90	0.99	322.79	9009.00
G-S15-S16-01	03130001	100	231.60	34.30	0.99	367.12	10776.23
G-S15-S16-02	03130418	100	231.60	35.90	0.99	387.49	10742.17
G-S15-S16-03	03129668	100	233.00	36.70	0.99	394.27	10734.55
G-S15-S16-04	03129809	100	232.50	36.00	0.99	385.48	10739.05
G-S16-01	03129944	100	232.50	37.10	0.99	401.57	10808.58
G-S16-02	03129788	100	229.80	37.00	0.99	401.38	10815.80
G-S16-03	03129534	100	230.20	35.70	0.99	385.06	10852.43
G-S16-04	03129907	100	233.70	36.30	0.99	244.75	6767.20
G-S16-05	03129894	100	233.00	36.80	0.99	397.50	10832.55
G-S16-06	03129903	100	234.20	35.60	0.96	384.88	10816.15
G-S16-07	03129571	100	230.20	36.40	0.99	394.23	10813.88
G-S16-08	03129599	100	231.60	37.20	0.99	403.18	10825.47
G-S16-09	03129814	100	233.50	36.60	0.99	394.67	10850.87
G-S16-10	03129909	100	233.00	36.00	0.99	390.26	10819.38
G-S17-01	03129660	100	231.60	35.90	0.99	383.57	10713.32
G-S17-02	03130035	100	232.50	36.70	0.99	391.02	10695.00
G-S17-03	03130238	100	233.50	36.80	0.99	395.90	10691.87
G-S17-04	03129665	100	232.10	35.90	0.99	381.80	10722.72
G-S17-05	03129625	100	231.20	36.50	0.99	390.10	10682.12
G-S17-06	03129628	100	230.70	37.10	0.99	396.98	10685.13
G-S17-07	03129681	100	231.60	36.00	0.99	383.81	10703.23
G-S2-01	03129793	100	235.30	35.50	0.99	385.12	10851.92
G-S2-02	03129983	100	235.80	37.70	0.99	409.46	10858.87
G-S2-03	03129864	100	234.40	36.30	0.99	394.69	10857.10
G-S2-04	03130025	100	234.40	36.10	0.99	392.51	10860.12
G-S2-05	03130423	100	237.10	37.60	0.99	410.12	10856.65
G-S2-06	03129772	100	235.80	35.80	0.99	388.97	10840.42
G-S2-07	03130299	100	237.60	36.40	0.99	396.22	10857.72
G-S2-08	03129858	100	233.50	36.10	0.99	391.07	10861.27
G-S2-09	03129904	100	233.90	37.60	0.99	406.72	10837.10
G-S2-10	03130451	100	235.30	36.30	0.99	392.55	10846.32
G-S2-11	03129806	100	231.60	36.30	0.99	393.76	10848.52
G-S2-12	03129780	100	232.10	35.60	0.99	386.08	10854.98

G-S2-13	03129902	100	232.30	36.10	0.99	391.15	10849.35
G-S2-D14	03129988	100	234.80	36.10	0.99	390.98	10889.25
G-S2-S3-01	03129888	100	218.50	36.10	0.98	335.10	9340.92
G-S2-S3-02	03130039	100	232.10	33.90	0.99	362.67	10806.83
G-S2-S3-03	03130509	100	234.80	37.90	0.99	409.07	10767.70
G-S3-01	03130511	100	239.00	36.30	0.99	335.12	9200.65
G-S3-02	03130309	100	239.90	35.10	0.99	324.10	9200.70
G-S3-03	03130216	100	239.00	33.90	0.99	311.94	9201.10
G-S3-04	03130500	100	239.40	36.10	0.99	332.12	9203.03
G-S3-05	03130049	100	234.40	36.10	0.99	206.22	5774.73
G-S3-06	03130502	100	238.80	36.00	0.98	331.34	9181.73
G-S3-07	03130257	100	240.80	35.30	0.99	323.30	9225.38
G-S3-08	03130013	100	239.90	34.70	0.99	319.32	326329.67
G-S3-09	03129611	100	240.80	37.00	0.99	339.42	9195.83
G-S3-10	03130562	100	236.70	34.80	0.99	317.25	9242.42
G-S3-11	03129601	100	239.90	35.10	0.99	322.63	9190.42
G-S3-12	03130447	100	235.30	36.00	0.99	331.80	9205.48
G-S3-D13	03130492	100	237.60	36.10	0.99	330.45	9214.73
G-S3-S4-01	03129876	100	241.30	35.60	0.99	375.63	10549.30
G-S3-S4-02	03130476	100	241.70	36.40	0.99	396.15	10853.32
G-S3-S4-03	03129813	100	242.70	36.90	0.99	401.37	10846.22
G-S4-01	03129841	100	240.40	37.00	0.99	402.14	10848.72
G-S4-02	03130250	100	240.80	37.20	0.99	391.80	10554.63
G-S4-03	03129553	100	240.80	36.60	0.99	385.65	10557.47
G-S4-04	03129860	100	241.30	36.40	0.99	394.50	10853.13
G-S4-05	03129557	100	239.90	37.40	0.99	396.20	10545.13
G-S4-06	03129908	100	240.80	34.50	0.99	363.54	10606.55
G-S4-07	03129800	100	239.40	34.30	0.99	352.06	10270.37
G-S4-08	03130377	100	240.80	35.80	0.99	389.52	10853.05
G-S4-09	03129936	100	240.80	36.30	0.99	382.88	10545.15
G-S4-10	03129891	100	240.40	36.10	0.99	380.59	10576.70
G-S4-11	03130366	100	241.30	37.10	0.99	391.18	10859.98
G-S4-12	03129545	100	241.30	36.20	0.99	392.81	10853.78
G-S4-13	03129985	100	242.00	35.70	0.98	388.05	10854.47

G-S4-14	03130226	100	242.20	35.70	0.99	376.85	10579.07
G-S4-15	03129883	100	240.80	35.90	0.99	378.75	10843.88
G-S4-16	03129821	100	244.00	36.40	0.99	394.95	10847.38
G-S4-D17	03130581	100	240.60	35.90	0.98	323.98	9049.30
G-S4-S5-01	03130289	100	230.70	36.00	0.99	319.70	8910.98
G-S4-S5-02	03130023	100	230.50	35.70	0.97	316.63	8882.02
G-S5-01	03129550	100	230.20	35.50	0.99	375.49	10652.38
G-S5-02	03129807	100	231.60	35.40	0.99	375.27	10612.55
G-S5-03	03130228	100	229.30	35.80	0.99	381.11	10615.98
G-S5-04	03130493	100	231.90	35.80	0.98	379.28	10651.03
G-S5-05	03130280	100	231.60	36.00	0.99	383.70	10620.32
G-S5-06	03129906	100	229.30	35.80	0.99	381.63	10619.70
G-S5-07	03129862	100	230.70	35.80	0.99	381.83	10612.57
G-S5-08	03129726	100	230.20	34.30	0.99	364.55	10617.13
G-S5-09	03130530	100	230.00	36.60	0.98	387.04	10615.05
G-S5-10	03129655	100	229.60	36.10	0.98	382.30	10608.97
G-S5-11	03130313	100	229.80	36.80	0.99	391.18	10620.23
G-S5-12	03129789	100	227.90	35.00	0.99	370.26	10623.07
G-S5-13	03129981	100	230.40	36.50	0.99	387.09	10625.63
G-S5-14	03130037	100	229.30	35.70	0.99	376.16	10643.58
G-S5-15	03129849	100	230.00	36.20	0.98	384.02	10610.87
G-S5-16	03129874	100	229.80	36.00	0.99	384.03	10639.05
G-S5-S6-01	03129825	100	231.60	35.50	0.99	374.55	10610.55
G-S5-S6-02	03130295	100	230.20	36.50	0.99	388.38	10600.37
G-S5-S6-03	03130430	100	232.10	36.30	0.99	386.47	10603.63
G-S5-S6-04	03130556	100	231.60	37.40	0.99	394.89	10626.70
G-S6-01	03130420	100	232.50	36.60	0.99	388.86	10609.53
G-S6-02	03130569	100	233.50	36.50	0.99	386.85	10615.97
G-S6-03	03129675	100	232.30	36.10	0.97	383.71	10630.28
G-S6-04	03129995	100	231.60	35.90	0.99	379.85	10651.97
G-S6-05	03130567	100	232.50	35.80	0.99	378.81	10665.22
G-S6-06	03130539	100	233.00	36.10	0.99	382.34	10653.38
G-S6-07	03129984	100	231.60	36.40	0.99	386.44	9179.60
G-S6-08	03129999	100	231.60	35.70	0.99	377.77	10643.20

G-S6-09	03130477	100	231.20	34.60	0.99	367.55	10614.55
G-S6-10	03130315	100	231.20	36.00	0.99	381.88	10608.20
G-S6-11	03130246	100	230.20	35.60	0.99	377.43	10616.65
G-S6-12	03130517	100	230.20	36.70	0.99	389.59	10603.07
G-S7-01	03130504	100	233.50	35.90	0.99	365.02	10168.90
G-S7-02	03130279	100	233.00	35.10	0.99	358.26	10164.72
G-S7-03	03130494	100	233.00	36.60	0.99	371.60	10133.90
G-S7-04	03130318	100	232.10	35.60	0.99	300.36	8446.07
G-S8-01	03129637	100	222.40	36.70	0.99	395.93	10727.27
G-S8-02	03129933	100	223.10	35.90	0.98	384.18	10737.17
G-S8-03	03129570	100	222.90	35.40	0.99	380.51	10727.77
G-S8-04	03129678	100	224.00	36.10	0.98	387.59	10739.73
G-S8-05	03130046	100	223.10	35.60	0.97	383.44	10737.28
G-S8-06	03130519	100	222.60	33.00	0.99	355.02	10737.70
G-S8-07	03130536	100	222.00	36.00	0.99	384.25	10770.73
G-S8-08	03129563	100	223.40	36.00	0.99	387.07	10733.25
G-S8-09	03130528	100	221.10	35.80	0.99	385.72	10734.73
G-S8-10	03129549	100	223.80	36.10	0.99	386.52	10763.07
G-S8-11	03129943	100	223.40	36.50	0.99	391.17	10739.75
G-S9-01	03129574	100	223.80	35.70	0.99	382.83	10757.00
G-S9-02	03129548	100	222.00	35.90	0.99	385.69	10728.67
G-S9-03	03129632	100	224.70	36.70	0.99	395.58	10732.15
G-S9-04	03130011	100	227.00	37.10	0.99	396.79	10739.02
G-S9-05	03130194	100	219.20	35.40	0.99	320.33	9033.03
G-S9-06	03129640	100	227.00	35.90	0.99	384.12	10768.27
G-S9-D7	03129732	100	225.20	37.30	0.99	335.16	9063.68
Bulgarus Railway Station	03129465	100	234.20	81.60	0.99	720.35	8889.97
Grabat Kindergarten	03129434	100	241.80	80.60	0.96	724.98	8999.47
Posta Kindergarten hurry	03129428	100	240.90	82.80	0.99	743.08	8995.87
I-01	03129768	100	201.30	80.80	0.97	776.11	9648.63
L-02	03130179	100	218.60	82.30	0.99	797.40	9666.73
L-03	03130056	100	203.10	80.30	0.99	776.59	9630.40
L-04	03129384	100	202.80	81.90	0.99	792.67	9642.43

L-05	03130148	100	198.50	81.80	0.99	786.01	9633.67
L-06	03130253	100	232.10	35.80	0.99	330.50	9200.93
L-07	03130079	100	201.90	81.20	0.98	779.95	9661.48
L-08	03129379	100	202.80	81.80	0.99	788.60	9634.70
L-09	03130113	100	199.90	81.00	0.99	781.62	9644.32
L-10	03129435	100	213.70	81.70	0.97	786.98	9670.72
L-11	03129462	100	214.90	81.80	0.99	786.92	9706.95
L-12	03129313	100	213.20	80.60	0.99	780.76	9665.12
L-13	03130140	100	217.90	82.20	0.99	796.61	9662.92
L-14	03130060	100	217.40	80.00	0.99	775.20	9667.42
L-15	03130076	100	217.80	80.30	0.99	775.51	9656.30
L-16	03129312	100	217.80	81.40	0.98	787.33	9659.58
L-17	03129268	100	217.80	80.10	0.99	775.01	9664.37
L-18	03129255	100	217.40	80.90	0.99	777.64	9707.45
L-19	03129317	100	219.20	79.70	0.99	766.27	9696.03
L-20	03129346	100	217.80	81.30	0.99	788.65	9662.72
L-21	03129381	100	220.10	83.10	0.99	800.94	9688.37
L-22	03129241	100	220.70	81.80	0.98	791.27	9661.53
L-23	03129318	100	219.70	79.30	0.99	765.73	9658.62
L-24	03129339	100	221.90	81.50	0.98	785.22	9688.58
L-25	03129297	100	221.10	80.30	0.99	777.20	9662.62
L-26	03130139	100	225.20	80.90	0.98	781.26	9680.38
L-27	03129414	100	223.40	81.20	0.99	786.30	9665.10
L-28	03130154	100	222.50	80.90	0.99	782.90	9670.73
L-29	03130160	100	224.70	81.90	0.99	792.22	9660.50
L-30	03130063	100	62.00	2.10	0.95	653.69	8135.07
L-31	03130095	100	227.00	79.60	0.99	768.72	9660.98
L-32	03129475	100	227.50	80.50	0.99	773.95	9709.80
L-33	03129503	100	229.50	83.10	0.98	803.57	9652.72
L-34	03130051	100	231.20	81.10	0.99	780.90	9678.80
L-35	03130146	100	225.20	80.10	0.99	771.84	9633.40
L-36	03129403	100	224.30	79.40	0.99	763.40	9637.85
L-37	03129661	100	219.20	80.60	0.99	776.23	9633.27
L-38	03129263	100	224.30	80.30	0.99	768.87	9671.58

L-39	03130082	100	222.20	80.50	0.96	774.83	9638.58
I-40	03130167	100	203.70	81.20	0.99	781.78	9637.22
L-41	03130178	100	207.30	81.40	0.99	784.45	9632.90
I-42	03129293	100	217.80	79.70	0.99	767.08	9628.93
L-43	03129763	100	204.20	81.40	0.97	783.61	9640.62
L-44	03129492	100	211.40	83.20	0.99	796.97	9662.87
I-45	03130083	100	206.40	81.40	0.97	781.79	9653.73
L-46	03129258	100	201.30	79.80	0.99	760.57	9670.20
L-DJ1A-01	03129269	100	210.90	80.40	0.98	774.01	9691.78
L-DJ1A-02	03130115	100	214.10	81.70	0.99	790.31	9661.33
L-DJ1A-03	03129401	100	211.50	81.80	0.97	787.56	9676.52
L-DJ1A-04	03129474	100	211.90	81.00	0.99	783.54	9665.72
L-DJ1A-05	03129767	100	213.50	81.10	0.98	784.59	9657.88
L-DJ1A-06	03129377	100	211.20	81.70	0.99	788.72	9663.62
L-DJ1A-07	03130085	100	214.50	81.70	0.97	786.47	9677.65
L-DJ1A-08	03130181	100	214.20	80.70	0.99	780.40	9660.30
L-DJ1A-09	03129756	100	213.70	79.30	0.99	770.70	9672.23
L-DJ1B-01	03129508	100	225.60	79.60	0.99	736.12	9220.08
L-DJ1B-02	03129362	100	227.70	80.60	0.98	741.33	9237.00
L-DJ1B-03	03130111	100	230.50	80.60	0.98	743.60	9223.92
L-DJ1B-04	03129242	100	227.90	81.30	0.96	746.14	9250.48
L-DJ1B-05	03130108	100	230.70	80.00	0.99	742.16	9224.78
L-DJ1B-06	03130138	100	229.50	80.80	0.97	744.73	9225.93
L-DJ1B-07	03129253	100	227.20	80.70	0.98	744.06	9223.08
L-DJ1B-08	03129704	100	229.30	80.00	0.97	735.31	9234.43
L-DJ1B-09	03129309	100	228.90	80.70	0.98	743.47	9218.75
L-DJ1B-10	03130098	100	231.40	81.20	0.96	750.37	9235.42
L-DJ1B-11	03129348	100	228.40	81.00	0.99	745.53	9226.73
L-DJ1B-12	03129340	100	227.20	81.20	0.96	747.58	9234.10
L-DJ1B-13	03129483	100	229.30	79.50	0.99	734.26	9229.67
L-DJ1B-14	03129495	100	230.00	81.20	0.98	746.66	9253.58
L-DJ1B-15	03129479	100	228.90	79.90	0.99	732.03	9252.85
L-DJ1B-16	03129367	100	229.10	81.00	0.97	746.42	9225.33
L-DJ1B-17	03129372	100	230.70	81.20	0.99	751.10	9230.50

L-DJ1B-18	03129776	100	229.80	80.50	0.99	740.99	9268.52
L-DJ1B-19	03129456	100	230.90	81.20	0.98	746.25	9235.95
L-DJ1B-20	03130106	100	232.10	79.20	0.99	728.71	9218.58
L-DJ1B-21	03129448	100	232.10	79.30	0.99	726.80	9270.33
L-DJ1B-22	03129743	100	231.60	81.40	0.99	741.96	9120.33
L-DJ1B-23	03129464	100	232.10	81.20	0.99	747.67	9224.75
L-DJ1B-24	03130162	100	231.60	80.10	0.99	738.65	9225.25
L-DJ1B-25	03130096	100	234.40	80.80	0.99	745.69	9229.92
L-DJ1B-26	03129328	100	233.90	81.10	0.99	745.53	9233.10
L-DJ1B-27	03129496	100	236.00	80.60	0.97	733.99	9096.75
L-DJ1B-28	03129471	100	226.10	80.30	0.99	775.16	9641.92
L-DJ1B-29	03129369	100	227.00	80.70	0.96	775.67	9645.72
L-DJ1B-30	03130120	100	225.20	80.50	0.99	742.31	9239.40
L-DJ1B-31	03130127	100	225.60	81.20	0.98	750.80	9226.22
L-DJ1B-32	03129458	100	225.60	81.20	0.96	753.35	9230.97
L-DJ1B-33	03129292	100	223.80	80.20	0.99	738.05	9250.80
L-DJ1B-34	03129385	100	222.90	81.40	0.99	753.87	9244.63
L-DJ1B-35	03129350	100	223.40	81.00	0.98	746.36	9223.95
L-DJ1B-36	03129338	100	223.40	80.70	0.99	746.70	9225.88
L-DJ1B-37	03129493	100	222.90	81.30	0.97	748.86	9219.43
L-DJ1B-38	03130067	100	221.50	80.30	0.99	738.72	9231.65
L-DJ1B-39	03129329	100	223.40	82.60	0.99	758.05	9245.22
L-DJ1B-40	03129415	100	222.40	82.30	0.99	758.53	9215.22
L-DJ1B-41	03129469	100	220.10	79.40	0.99	730.76	9220.30
L-DJ1B-42	03129303	100	220.70	81.70	0.98	752.00	9218.23
L-DJ1B-43	03130070	100	221.50	81.20	0.99	750.29	9224.22
L-DJ1B-44	03130159	100	221.70	80.80	0.97	742.32	9244.48
L-DJ1B-45	03129345	100	220.30	81.50	0.97	746.09	9267.80
L-DJ1B-46	03130058	100	221.90	80.30	0.98	739.88	9220.25
L-DJ1B-47	03130114	100	222.90	80.10	0.99	737.87	9222.15
L-DJ1B-48	03129364	100	222.20	81.30	0.99	749.49	9226.30
L-DJ1B-49	03129500	100	223.80	81.50	0.99	741.71	9097.73
L-DJ1B-50	03129489	100	223.80	80.50	0.96	741.76	9224.30
L-DJ1B-51	03129333	100	223.40	81.00	0.99	745.41	9235.20

L-DJ1B-52	03129757	100	224.70	81.10	0.99	749.24	9229.07
L-DJ1B-58	03129463	100	217.80	81.20	0.99	751.65	9250.00
L-DJ1B-81D	03130252	100	224.30	36.80	0.99	333.94	9141.35
L-DJ1B-82D-Police	03130316	100	222.90	35.60	0.99	325.01	9104.80
L-DJ1B-85	03129481	100	219.90	81.00	0.97	777.73	9650.67
L-DJ1B-86	03129454	100	220.40	80.70	0.96	781.36	9632.25
L-DJ1B-92	03129426	100	210.90	81.80	0.99	785.78	9633.85
L-DJ1B-95	03129457	100	207.10	80.80	0.97	778.28	9637.92
L-DJ1B-97	03129504	100	202.50	81.40	0.97	778.57	9666.33
L-DJ2-02	03130182	100	201.30	81.50	0.99	750.03	9212.00
L-DJ2-03	03130112	100	200.70	81.90	0.97	753.12	9211.43
L-DJ2-04	03129280	100	199.90	81.30	0.99	745.31	9232.00
L-DJ2-05	01080199						
L-DJ2-06	03129376	100	199.50	80.70	0.99	742.65	9213.23
L-DJ2-07	03130149	100	198.50	81.80	0.99	751.62	9229.45
L-DJ2-08	03130177	100	197.80	82.30	0.99	758.48	9214.67
L-DJ2-09	03129284	100	198.10	77.30	0.99	711.56	9207.15
L-DJ2-10	03130166	100	198.10	81.10	0.97	745.40	9215.33
L-DJ2-11	03129366	100	199.30	81.90	0.97	751.40	9216.48
L-DJ2-12	03130061	100	197.70	81.50	0.99	750.89	9212.37
L-DJ2-13	03129437	100	202.10	82.60	0.99	792.81	9601.15
L-DJ2-14	03129304	100	200.20	81.40	0.99	779.96	9594.82
L-DJ2-15	03130055	100	200.00	82.30	0.99	792.32	9584.28
L-DJ2-16	03129408	100	196.70	80.50	0.99	773.29	9595.75
L-DJ2-17	03130143	100	195.80	79.30	0.99	764.89	9586.70
L-DJ2-18	03129245	100	195.60	81.00	0.98	776.62	9588.25
L-DJ2-19	03129488	100	194.40	81.20	0.97	778.26	9595.65
L-DJ2-20	03129427	100	193.00	80.30	0.99	763.79	9634.67
L-DJ2-21	03129446	100	191.60	80.40	0.99	766.50	9633.48
L-DJ2-22	03130150	100	191.60	80.60	0.96	772.63	9592.60
L-DJ2-23	03129400	100	191.60	81.80	0.99	779.36	9627.67
L-DJ2-24	03129656	100	190.90	81.00	0.98	743.78	9215.60
L-DJ2-25	03129256	100	190.50	80.40	0.98	738.80	9204.48

L-DJ2-26	03130062	100	192.10	80.60	0.99	739.69	9225.45
L-DJ2-27	03130074	100	193.00	79.60	0.99	295.99	3725.60
L-DJ2-28	03129368	100	194.40	81.90	0.98	739.86	9011.65
L-DJ2-D25	03130473	100	190.30	37.30	0.99	345.01	9211.93
L-DJ2-S8-01	03130441	100	203.10	35.70	0.99	334.58	9335.80
L-DJ2-S8-02	03129659	100	190.70	35.90	0.99	387.75	10875.33
L-DJ2-S8-03	03129942	100	190.50	36.60	0.99	396.48	10847.00
L-DJ2-S8-04	03129749	100	190.20	35.50	0.97	385.18	10875.08
L-DJ2-S8-05	03130326	100	190.70	36.20	0.99	393.04	10855.45
L-DJ2-S8-06	03130440	100	191.60	36.40	0.99	395.95	10871.45
L-DJ2-S8-D7	03130026	100	193.00	37.10	0.99	339.75	9146.92
LP-01	03130534						
LP-02	03129527						
LP-03	03129847						
LP-04	03129578						
LP-05	03130368						
LP-06	01080139						
LP-07	01080341						
LP-08	01080092						
L-S1-01	03129614	100	210.90	37.20	0.99	404.31	10806.70
L-S1-02	03129593	100	210.90	37.00	0.99	401.66	10807.15
L-S1-03	03129940	100	211.70	36.10	0.99	390.97	10809.33
L-S1-04	03130328	100	210.00	35.30	0.99	382.12	10799.23
L-S1-05	03129627	100	208.20	36.40	0.99	391.76	10845.80
L-S1-06	03130435	100	211.40	36.70	0.99	395.80	10830.00
L-S1-07	03129993	100	210.00	36.10	0.99	390.91	10806.82
L-S1-08	03129613	100	208.20	36.90	0.99	399.33	10804.30
L-S1-09	03129607	100	206.30	35.30	0.99	382.85	10797.70
L-S1-10	03130010	100	212.30	35.70	0.99	388.10	10807.90
L-S1-11	03129721	100	209.60	36.20	0.99	389.96	10813.30
L-S1-12	03129783	100	208.20	35.80	0.99	387.56	10802.32
L-S1-13	03130403	100	211.40	34.80	0.99	376.23	10804.48
L-S1-14	03129532	100	206.80	36.10	0.99	390.31	10808.72
L-S1-15	03129693	100	208.60	35.70	0.99	383.50	10860.38

L-S1-D16	03130488	100	214.40	36.60	0.98	335.85	9135.77
L-S10-01	03130021	100	230.70	35.30	0.99	321.67	9089.87
L-S10-02	03130204	100	230.20	36.40	0.99	391.58	10786.10
L-S10-03	03130472	100	229.30	36.10	0.99	390.09	10758.20
L-S10-04	03129708	100	229.30	35.50	0.99	331.22	9293.45
L-S10-05	03130334	100	229.80	36.00	0.99	386.60	10749.87
L-S10-06	03130356	100	230.70	36.10	0.99	388.79	10753.87
L-S10-07	03129670	100	228.90	36.80	0.99	393.78	10767.17
L-S10-08	03130186	100	229.80	36.50	0.99	393.21	10759.27
L-S10-09	03130344	100	229.80	34.50	0.99	371.86	10753.22
L-S10-10	03130004	100	230.70	36.30	0.99	390.93	10752.75
L-S10-11	03129584	100	227.90	36.70	0.99	395.14	10749.83
L-S11-01	03129606	100	230.20	36.30	0.99	389.17	10762.20
L-S11-02	03130526	100	232.50	35.80	0.99	330.17	9247.32
L-S11-03	03130019	100	227.90	36.10	0.99	389.48	10754.27
L-S11-04	03130248	100	228.90	35.10	0.99	323.74	9266.43
L-S11-05	03130185	100	230.20	36.60	0.99	338.42	9251.03
L-S11-06	03130551	100	231.20	37.30	0.99	344.93	9253.38
L-S11-07	03130397	100	229.80	34.90	0.99	376.87	10762.80
L-S11-08	03130510	100	230.00	36.00	0.98	332.65	9247.30
L-S11-09	03129699	100	228.40	35.80	0.99	383.11	10808.25
L-S11-10	03130515	100	229.30	36.00	0.99	333.92	9253.03
L-S11-11	03130286	100	229.80	36.30	0.99	331.10	9251.70
L-S11-12	03130482	100	229.30	36.10	0.99	385.60	10794.12
L-S11-13	03130227	100	227.90	35.30	0.99	380.00	10751.45
L-S11-14	03130572	100	231.20	36.30	0.99	333.12	9292.47
L-S11-16	03129602	100	226.60	36.70	0.99	393.41	10762.18
L-S11-17	03130474	100	228.40	35.30	0.99	380.22	10750.05
L-S11-20	03130022	100	230.70	37.20	0.99	397.33	10791.60
L-S11-23	03130191	100	227.50	35.90	0.99	387.43	10747.00
L-S11-24	03129982	100	232.50	35.60	0.99	383.52	10761.77
L-S11-D26	03130261	100	231.60	35.70	0.99	324.68	9129.70
L-S11-D27	03130486	100	231.20	34.90	0.99	317.51	9109.47
L-S12-01	03130518	100	233.90	36.10	0.99	334.84	9311.15

L-S12-02	03130339	100	232.10	34.50	0.99	370.48	10757.78
L-S12-03	03130533	100	233.90	36.30	0.99	335.05	9333.43
L-S12-04	03130353	100	232.50	36.40	0.99	394.64	10756.78
L-S12-05	03129604	100	229.80	35.70	0.99	385.50	10751.67
L-S12-06	03130240	100	232.10	36.50	0.99	339.09	9286.45
L-S12-07	03130243	100	232.10	35.50	0.99	331.02	9294.85
L-S12-08	03130343	100	232.10	36.40	0.99	392.65	10755.12
L-S12-09	03130464	100	230.20	36.30	0.99	336.88	9294.53
L-S12-10	03130453	100	231.20	36.40	0.99	391.76	10756.80
L-S12-11	03129566	100	229.30	35.30	0.99	326.17	9313.27
L-S12-12	03130338	100	231.60	36.40	0.99	392.20	10763.70
L-S12-13	03129635	100	229.30	36.60	0.99	338.88	9293.00
L-S12-14	03129762	100	229.60	35.70	0.97	382.29	10786.45
L-S12-15	03130467	100	231.20	35.90	0.99	331.91	9310.95
L-S12-16	03130543	100	231.20	35.90	0.99	333.45	9291.20
L-S12-17	03129638	100	228.40	35.70	0.99	384.99	10757.95
L-S12-18	03130320	100	230.20	36.60	0.99	279.49	7600.12
L-S12-19	03129810	100	228.90	36.90	0.99	398.02	10754.92
L-S12-20	03130576	100	232.50	36.50	0.99	338.19	9258.28
L-S12-21	03130317	100	232.10	36.20	0.99	333.52	9253.07
L-S12-22	03130363	100	233.00	35.50	0.99	382.32	10752.85
L-S12-D24	03130429	100	233.50	36.50	0.99	332.79	9105.03
L-S12-D25	03129893	100	232.50	35.40	0.99	324.16	9118.00
L-S13-01	03130176	100	225.60	79.70	0.99	735.33	9235.47
L-S13-02	03130118	100	233.90	81.00	0.96	812.76	10043.37
L-S13-03	03130137	100	225.90	80.50	0.96	742.97	9241.98
L-S13-04	03130054	100	234.40	80.90	0.99	813.69	10041.95
L-S13-05	03130053	100	224.70	81.00	0.98	749.98	9230.40
L-S13-06	03129282	100	233.90	79.80	0.99	785.08	9796.72
L-S13-07	03129405	100	223.40	78.70	0.99	728.47	9239.05
L-S13-08	03129439	100	235.10	79.90	0.97	782.38	9796.10
L-S13-09	03130094	100	224.10	81.50	0.96	752.52	9237.05
L-S13-10	03129443	100	234.40	80.30	0.99	785.86	9805.27
L-S13-11	03130110	100	222.90	81.00	0.98	747.14	9232.48

L-S13-12	03129299	100	233.20	81.20	0.98	797.25	9796.33
L-S13-13	03129308	100	222.00	79.40	0.99	735.57	9241.30
L-S13-14	03129302	100	232.50	80.10	0.99	782.59	9833.50
L-S13-15	03129288	100	224.00	81.20	0.97	747.24	9270.22
L-S13-16	03129397	100	233.00	81.30	0.96	793.59	9814.45
L-S13-17	03129431	100	234.20	80.10	0.97	785.36	9803.45
L-S13-18	03130174	100	223.80	81.10	0.96	749.71	9246.90
L-S13-19	03130132	100	224.00	80.60	0.96	745.25	9240.07
L-S13-20	03130071	100	232.80	81.00	0.98	788.85	9833.83
L-S13-21	03129476	100	224.30	81.90	0.99	760.73	9232.37
L-S13-22	03129380	100	231.60	79.70	0.99	780.87	9803.23
L-S13-23	03129728	100	222.90	79.80	0.99	736.09	9230.55
L-S13-24	03129751	100	233.00	80.80	0.96	795.76	9798.78
L-S13-25	03129370	100	224.20	81.00	0.96	750.22	9230.97
L-S13-26	03129373	100	232.60	81.20	0.96	792.04	9810.83
L-S13-27	03130097	100	221.50	80.70	0.99	745.79	9238.38
L-S13-28	03129363	100	233.20	80.80	0.98	788.53	9824.97
L-S14-03	03129958	100	222.40	36.90	0.99	390.59	10640.98
L-S14-04	03130589	100	222.00	36.30	0.99	383.20	10644.40
L-S14-05	03130459	100	222.40	34.10	0.99	360.68	10660.53
L-S14-06	03130434	100	222.00	36.00	0.99	384.47	10628.57
L-S14-07	03130505	100	222.90	36.30	0.99	383.75	10650.73
L-S14-08	03130205	100	223.40	36.30	0.99	388.28	10607.55
L-S14-09	03130444	100	220.10	35.40	0.99	376.93	10619.33
L-S14-10	03130550	100	221.50	36.70	0.99	389.21	10609.67
L-S14-11	03129520	100	223.40	36.10	0.99	383.34	10617.40
L-S14-12	03129989	100	223.10	35.70	0.95	378.65	10644.58
L-S14-13	03130303	100	218.50	35.70	0.98	381.33	10633.50
L-S14-14	03130254	100	217.80	36.30	0.99	338.15	9273.42
L-S14-15	03130272	100	217.80	37.10	0.99	343.83	9282.80
L-S14-16	03130273	100	217.80	35.40	0.99	328.97	9259.67
L-S14-17	03130232	100	221.50	36.80	0.99	339.44	9283.90
L-S14-18	03129915	100	218.30	35.60	0.99	329.11	9274.47
L-S14-19	03129986	100	219.70	34.90	0.99	226.92	6503.03

L-S14-20	03130443	100	218.80	36.00	0.99	330.22	9296.88
L-S14-21	03130278	100	219.70	36.20	0.99	336.09	9266.23
L-S14-22	03129636	100	220.60	36.40	0.99	338.00	9262.37
L-S14-23	03129598	100	222.40	35.40	0.99	328.48	9259.55
L-S14-24	03130455	100	221.50	35.90	0.99	331.73	9274.42
L-S14-D25	03130274	100	221.50	35.80	0.99	331.83	9245.67
L-S14-D26	03130208	100	222.90	37.20	0.99	345.44	9222.73
L-S15-01	03130230	100	220.60	35.40	0.99	328.61	9243.98
L-S15-02	03130201	100	221.50	36.30	0.99	334.16	9284.22
L-S15-03	03130552	100	218.30	35.70	0.99	330.65	9249.83
L-S15-04	03129698	100	220.60	35.50	0.99	328.69	9254.97
L-S15-05	03129916	100	220.10	36.80	0.99	339.06	9261.32
L-S15-06	03130575	100	216.50	35.70	0.99	330.97	9251.82
L-S15-07	03130038	100	219.70	37.20	0.99	344.22	9267.32
L-S15-08	03129653	100	220.60	35.40	0.99	328.05	9261.22
L-S15-09	03130293	100	219.50	34.80	0.97	322.11	9302.60
L-S15-10	03130579	100	216.90	36.90	0.99	393.78	10637.42
L-S15-11	03130584	100	219.20	36.60	0.99	387.96	10635.17
L-S15-12	03130480	100	218.80	37.00	0.99	342.59	9246.00
L-S15-13	03129577	100	219.70	36.60	0.99	389.99	10627.95
L-S15-14	03130442	100	218.80	34.80	0.99	370.09	10633.55
L-S15-15	03130364	100	218.30	35.70	0.99	381.82	10641.55
L-S15-16	03129683	100	222.00	35.50	0.99	376.79	10629.47
L-S15-17	03130335	100	219.70	36.40	0.99	388.96	10642.30
L-S15-18	03130229	100	219.70	35.30	0.99	376.59	10632.07
L-S15-19	03130537	100	219.70	36.50	0.99	387.39	10654.22
L-S15-20	03130549	100	220.10	36.20	0.99	385.42	10636.25
L-S15-21	03129748	100	221.30	36.40	0.97	386.52	10632.72
L-S15-D22	03130319	100	219.20	35.30	0.99	324.95	9230.82
L-S15-D23	03129778	100	221.50	35.20	0.99	325.69	9222.57
L-S16-01	03129639	100	229.80	35.60	0.99	386.16	10865.72
L-S16-02	03129530	100	227.00	37.10	0.99	406.96	10878.95
L-S16-03	03129591	100	226.10	36.50	0.99	397.19	10875.22
L-S16-04	03129752	100	228.90	35.10	0.99	380.91	10908.72

L-S16-05	03130196	100	227.00	35.10	0.99	383.69	10862.92
L-S16-06	03129892	100	228.40	36.50	0.99	397.12	10854.40
L-S16-07	03129608	100	229.30	36.40	0.99	394.42	10889.72
L-S16-08	03129854	100	230.50	36.30	0.99	392.18	10894.85
L-S16-10	03129529	100	230.20	36.80	0.99	398.12	10795.37
L-S16-11	03129535	100	230.70	36.00	0.99	391.60	10870.97
L-S16-D12	03130582	100	221.50	36.00	0.99	332.75	9228.25
L-S17-01	03130264	100	224.70	37.90	0.99	343.08	9107.82
L-S17-02	03130513	100	222.90	35.80	0.99	325.34	9069.32
L-S17-03	03130244	100	225.20	35.40	0.99	321.24	9069.07
L-S17-04	03130573	100	222.90	35.70	0.99	323.17	9083.40
L-S17-05	03130546	100	223.40	36.10	0.99	326.21	9062.07
L-S17-06	03130307	100	222.00	35.90	0.99	330.80	9286.15
L-S17-07	03130460	100	221.10	35.50	0.99	329.22	9251.25
L-S17-08	03130571	100	222.00	36.10	0.99	332.52	9260.60
L-S18-01	03129631	100	190.70	36.40	0.99	396.65	10856.47
L-S18-02	03129724	100	190.30	35.50	0.99	383.52	10848.50
L-S18-03	03130468	100	190.30	35.30	0.99	324.99	9281.10
L-S18-04	03129576	100	189.30	36.60	0.99	399.35	10853.27
L-S18-05	03130189	100	191.20	36.10	0.99	334.18	9248.37
L-S18-06	03130047	100	193.00	36.50	0.99	395.91	10859.02
L-S19-01	03130481	100	219.70	36.20	0.99	388.05	10692.92
L-S19-02	03130297	100	222.90	36.50	0.99	390.72	10706.75
L-S19-03	03130463	100	221.10	36.80	0.99	394.96	10691.28
L-S19-04	03129701	100	221.10	36.70	0.99	383.53	10433.70
L-S2-01	03129559	100	216.90	34.70	0.99	376.61	10811.55
L-S2-02	03129658	100	217.70	36.20	0.98	390.10	10848.30
L-S2-03	03130426	100	216.00	36.30	0.99	393.81	10805.07
L-S2-04	03129568	100	217.80	37.10	0.99	400.66	10836.90
L-S2-05	03129600	100	217.40	36.00	0.99	389.70	10808.72
L-S2-06	03129694	100	220.60	37.50	0.99	404.01	10841.28
L-S2-07	03129555	100	216.90	35.10	0.99	378.57	10811.03
L-S2-08	03130433	100	218.30	36.00	0.99	389.33	10804.00
L-S2-09	03129873	100	217.80	36.60	0.99	396.48	10802.92

L-S2-10	03129735	100	218.30	36.10	0.99	389.15	10822.45
L-S2-11	03129725	100	217.80	36.40	0.99	394.17	10799.05
L-S2-12	03129525	100	216.90	36.00	0.99	389.90	10805.88
L-S2-13	03129581	100	220.60	35.80	0.99	387.17	10802.97
L-S2-14	03130332	100	217.80	36.00	0.99	388.40	10831.12
L-S2-15	03129746	100	218.30	36.00	0.99	390.48	10806.57
L-S2-16	03129592	100	218.80	33.70	0.99	364.43	10821.47
L-S2-D19	03130531	100	214.60	34.90	0.99	319.16	9141.60
L-S20-01	03130450	100	229.80	36.60	0.99	331.48	9094.30
L-S20-02	03130355	100	231.90	35.20	0.98	379.23	10754.10
L-S20-03	03130348	100	231.20	36.30	0.99	388.39	10764.12
L-S20-04	03130285	100	233.00	35.70	0.99	384.61	10765.45
L-S20-05	03129773	100	232.10	35.10	0.99	375.18	10757.02
L-S20-06	03130251	100	231.60	34.90	0.99	317.71	9092.45
L-S20-07	03130268	100	231.20	35.40	0.99	380.09	10756.20
L-S20-08	03130347	100	230.90	36.30	0.97	390.09	10750.43
L-S20-09	03129603	100	229.30	34.00	0.99	364.87	10763.32
L-S21-01	03129857	100	220.60	37.10	0.99	396.00	10679.40
L-S21-02	03130352	100	220.10	36.20	0.99	385.78	10674.92
L-S21-03	03130269	100	223.40	36.30	0.99	388.28	10683.83
L-S21-04	03129928	100	222.20	36.90	0.97	391.78	10715.97
L-S22-01	03130215	100	218.80	36.00	0.99	382.42	10634.90
L-S22-02	03129521	100	220.10	35.30	0.99	375.90	10638.80
L-S22-03	03129939	100	216.90	36.10	0.99	383.96	10637.32
L-S22-04	03129561	100	218.80	36.30	0.99	386.94	10639.23
L-S22-05	03130298	100	217.80	36.50	0.99	388.22	10648.73
L-S23-01	03130376	100	200.40	35.70	0.99	388.06	10855.03
L-S23-02	03130045	100	202.70	36.00	0.99	390.91	10854.68
L-S23-03	03129573	100	202.70	35.60	0.99	386.92	10854.58
L-S3-01	03130345	100	218.30	35.50	0.99	383.13	10785.02
L-S3-02	03130398	100	218.30	35.80	0.99	386.69	10780.00
L-S3-03	03129710	100	220.60	36.00	0.99	387.37	10813.22
L-S3-04	03129514	100	218.30	36.80	0.99	399.71	10791.03
L-S3-05	03129945	100	219.70	37.20	0.99	402.27	10782.90

L-S3-06	03129935	100	219.50	36.00	0.96	387.69	10782.65
L-S3-07	03129615	100	220.10	35.00	0.99	377.59	10779.47
L-S3-08	03129702	100	219.20	36.50	0.99	392.72	10834.62
L-S3-09	03130379	100	216.90	35.70	0.99	381.62	10822.90
L-S3-10	03129723	100	220.10	36.00	0.16	390.68	6019.08
L-S3-11	03130425	100	218.30	36.30	0.99	391.94	10779.92
L-S3-13	03130341	100	218.40	35.70	0.98	385.76	10773.42
L-S3-14	03129673	100	220.60	36.00	0.99	389.98	10779.38
L-S3-15	03130402	100	218.90	36.10	0.98	391.81	10790.08
L-S3-16	03129596	100	218.30	35.20	0.99	379.84	10785.53
L-S3-17	03130491	100	221.10	37.00	0.99	343.05	9353.42
L-S3-18	03130265	100	216.00	35.90	0.99	335.18	9321.67
L-S3-19	03130497	100	218.30	37.10	0.99	347.13	9324.60
L-S3-20	03130296	100	217.80	35.50	0.99	331.23	9316.60
L-S3-21	03130002	100	217.40	36.50	0.99	339.89	9318.53
L-S3-22	03130321	100	216.50	35.00	0.99	326.50	9320.68
L-S3-24	03130499	100	216.00	35.80	0.99	334.98	9322.77
L-S3-25	03130535	100	218.30	35.00	0.99	325.04	9321.18
L-S3-26	03130266	100	215.50	34.80	0.99	324.72	9315.48
L-S3-27	03130312	100	216.90	35.30	0.99	328.39	9331.92
L-S3-28	03130588	100	216.50	34.70	0.99	323.79	9323.77
L-S3-D29	03130490	100	220.10	35.80	0.99	329.03	9143.50
L-S3-D30	03130211	100	218.80	36.70	0.99	335.36	9147.15
L-S3-S4-01	03130446	100	219.70	36.00	0.99	389.27	10782.08
L-S3-S4-02	03129618	100	217.40	35.00	0.99	379.15	10781.55
L-S3-S4-03	03130349	100	220.60	35.80	0.99	388.54	10793.42
L-S3-S4-04	03130044	100	223.40	35.50	0.99	384.33	670227.23
L-S3-S4-05	03129760	100	223.40	36.50	0.99	395.07	10775.38
L-S3-S4-06	03130437	100	221.10	36.40	0.99	393.61	10785.78
L-S4-01	03130340	100	222.90	35.70	0.99	385.18	10784.08
L-S4-02	03129579	100	224.70	37.20	0.99	401.26	10792.43
L-S4-03	03129541	100	222.90	35.70	0.99	386.50	10790.78
L-S4-04	03130407	100	222.40	36.00	0.99	388.10	10811.08
L-S4-05	03130336	100	222.90	36.40	0.99	393.65	10777.90

L-S4-06	03130323	100	223.80	38.50	0.99	414.96	10808.40
L-S4-07	03130544	100	222.20	36.50	0.97	395.37	10776.18
L-S4-09	03129565	100	220.60	36.20	0.99	392.60	10783.12
L-S4-10	03129951	100	223.80	35.80	0.99	386.62	10788.15
L-S4-11	03129649	100	222.00	35.90	0.99	386.39	10823.37
L-S4-12	03129741	100	225.60	35.40	0.99	328.79	9251.13
L-S4-13	03130462	100	225.40	35.60	0.96	328.18	9290.27
L-S4-14	03130197	100	223.80	36.30	0.99	336.92	9255.15
L-S4-15	03130206	100	224.30	36.60	0.99	339.30	9256.23
L-S4-16	03130281	100	222.00	35.60	0.99	329.14	9255.05
L-S4-17	03130452	100	222.40	36.50	0.99	336.46	9284.23
L-S4-18	03129924	100	224.70	35.10	0.99	324.69	9243.90
L-S4-19	03130218	100	223.80	36.50	0.99	337.11	9252.75
L-S4-20	03130465	100	224.70	35.90	0.99	333.35	9256.77
L-S4-21	03130409	100	223.40	35.90	0.99	331.06	9264.27
L-S4-D22	03129716	100	223.80	36.60	0.99	335.77	9136.30
L-S4-D23	03130542	100	224.30	35.50	0.99	324.13	9165.43
L-S4-S5-01	03130209	100	216.00	34.80	0.97	372.08	10692.30
L-S4-S5-02	03130192	100	216.50	36.00	0.99	384.39	10692.83
L-S4-S5-03	03130577	100	219.70	35.20	0.99	377.06	10678.58
L-S4-S5-04	03130568	100	221.10	36.00	0.99	384.19	10678.02
L-S4-S5-05	03130291	100	218.30	36.40	0.99	388.02	10690.13
L-S4-S5-D5	03129747	100	234.40	36.20	0.99	330.68	9140.10
L-S4-S5-D7	03130190	100	217.80	35.30	0.99	323.21	9144.58
L-S5-01	03130171	100	225.60	81.40	0.96	819.45	10053.55
L-S5-02	03129753	100	224.30	81.20	0.99	811.95	10096.62
L-S5-03	03129736	100	224.50	80.70	0.98	814.56	10045.73
L-S5-04	03129291	100	225.20	81.30	0.98	813.83	10081.02
L-S5-05	03130158	100	223.60	80.70	0.98	802.86	9935.15
L-S5-06	03129248	100	222.00	80.50	0.99	805.43	10089.87
L-S5-07	03129301	100	222.90	80.60	0.99	810.43	10044.45
L-S5-08	03130077	100	220.70	81.50	0.97	815.64	10072.05
L-S5-09	03130172	100	221.50	81.30	0.96	817.95	10042.17
L-S5-10	03129277	100	220.10	81.20	0.99	817.49	10047.03

L-S5-11	03130124	100	220.10	81.60	0.99	812.61	10092.97
L-S5-12	03130078	100	217.80	80.60	0.96	811.14	10048.80
L-S5-13	03130091	100	218.30	81.10	0.99	815.30	10049.15
L-S5-14	03129261	100	219.20	79.30	0.99	794.54	10049.03
L-S5-15	03130104	100	218.50	81.00	0.98	813.09	10046.90
L-S5-16	03129289	100	219.40	80.90	0.97	811.52	10053.75
L-S5-17	03129298	100	219.20	81.30	0.99	816.52	10044.68
L-S5-18	03130180	100	217.80	81.20	0.99	814.32	10066.08
L-S5-19	03130109	100	235.10	81.40	0.98	748.53	9241.68
L-S5-20	03129323	100	235.60	80.70	0.98	743.18	9213.25
L-S5-21	03129498	100	235.80	80.90	0.97	742.25	9269.47
L-S5-22	03130087	100	233.90	81.40	0.99	749.04	9230.78
L-S5-23	03130105	100	235.60	80.90	0.98	745.46	9222.25
L-S5-24	03129273	100	234.80	80.80	0.98	741.92	9254.15
L-S5-25	03129371	100	234.80	81.20	0.97	748.37	9226.83
L-S5-26	03130050	100	234.90	80.20	0.96	740.00	9226.60
L-S5-27	03129482	100	235.30	80.90	0.97	744.73	9248.50
L-S5-28	03129507	100	234.40	80.40	0.96	741.55	9225.33
L-S5-29	03130134	100	235.80	80.90	0.98	744.46	9218.10
L-S5-30	03130068	100	235.10	81.10	0.97	745.61	9251.95
L-S5-31	03130131	100	233.50	77.80	0.99	716.68	9220.18
L-S5-32	03129254	100	234.80	79.50	0.99	730.77	9228.58
L-S5-33	03129501	100	236.20	80.70	0.96	742.90	9223.65
L-S5-34	03129365	100	237.10	80.10	0.99	737.67	9224.32
L-S5-35	03129754	100	236.20	80.40	0.99	739.76	9253.85
L-S5-36	03129264	100	236.00	80.70	0.96	744.92	9243.63
L-S5-37	03129275	100	235.80	81.60	0.99	750.82	9228.98
L-S5-38	03130173	100	235.30	81.80	0.96	754.48	9217.60
L-S5-39	03129347	100	234.40	80.50	0.99	739.76	9228.50
L-S5-S6-01	03130207	100	235.80	35.70	0.99	380.59	10663.60
L-S5-S6-02	03129711	100	234.40	36.00	0.99	382.44	10702.10
L-S5-S6-03	03130560	100	236.20	35.60	0.99	380.22	10659.12
L-S5-S6-04	03130523	100	238.50	35.80	0.99	344.37	9602.15
L-S6-01	03130559	100	212.80	35.20	0.99	326.23	9254.47

L-S6-02	03130210	100	215.10	36.30	0.99	156.01	4296.77
L-S6-03	03130541	100	204.00	36.80	0.99	340.19	9254.88
L-S6-04	03130578	100	216.70	35.60	0.98	215.98	6057.05
L-S6-05	03129991	100	215.10	36.90	0.99	342.18	9261.68
L-S6-06	03130489	100	215.50	35.90	0.99	326.79	9102.45
L-S6-07	03130580	100	215.10	35.40	0.99	154.14	4346.63
L-S6-08	03130267	100	202.20	35.80	0.99	331.55	9266.40
L-S6-09	03130422	100	215.10	35.30	0.99	338.49	9579.97
L-S6-10	03130292	100	212.30	36.00	0.99	332.62	9297.37
L-S6-11	03130290	100	211.40	35.40	0.99	327.87	9268.62
L-S6-12	03130263	100	215.10	36.10	0.99	346.76	9587.43
L-S6-13	03130496	100	215.50	34.70	0.99	332.68	9591.03
L-S6-14	03130512	100	200.80	35.80	0.99	332.02	9259.12
L-S6-15	03130384	100	213.20	35.80	0.99	331.56	9271.68
L-S6-16	03130555	100	213.20	36.60	0.99	351.69	9583.30
L-S6-17	03129977	100	217.80	35.10	0.99	253.48	7183.53
L-S6-18	03129588	100	212.30	37.30	0.99	346.59	9263.67
L-S6-19	03130547	100	202.00	35.40	0.99	327.53	9283.97
L-S6-20	03129644	100	215.50	35.00	0.99	336.69	9577.28
L-S6-21	03129531	100	214.60	35.90	0.99	208.71	5824.67
L-S6-22	03130308	100	211.30	36.30	0.98	388.84	10631.55
L-S6-23	03130548	100	210.90	36.40	0.99	336.62	9282.35
L-S6-24	03130195	100	214.20	35.20	0.99	375.43	10629.03
L-S6-25	03130310	100	211.40	36.30	0.99	336.20	9261.85
L-S6-26	03130529	100	215.20	36.10	0.98	210.37	5823.38
L-S6-27	03130527	100	199.50	36.10	0.99	385.46	10635.13
L-S6-28	03130386	100	214.20	35.40	0.99	207.00	5819.22
L-S6-DJ2-01	03129622	100	197.20	37.60	0.99	410.69	10848.52
L-S6-DJ2-02	03129927	100	197.20	36.20	0.99	392.81	10856.43
L-S6-DJ2-03	03129910	100	196.20	35.70	0.99	387.56	10864.68
L-S6-DJ2-04	03129633	100	196.20	35.90	0.99	389.39	10866.07
L-S6-DJ2-05	03129634	100	196.70	36.90	0.99	402.10	10855.43
L-S7-01	03130015	100	201.40	35.30	0.98	385.22	10875.70
L-S7-02	03129623	100	200.40	35.40	0.99	386.09	10881.65

L-S7-03	03129620	100	200.40	36.50	0.99	397.98	10874.57
L-S7-04	03129612	100	200.80	37.00	0.99	402.20	10898.08
L-S7-05	03129538	100	201.80	36.00	0.99	393.22	10889.17
L-S7-06	03129642	100	199.90	36.00	0.99	394.08	10882.82
L-S7-07	03129585	100	200.40	35.30	0.99	384.50	10873.83
L-S7-08	03129621	100	200.40	36.00	0.99	392.14	10875.75
L-S8-01	03129518	100	200.40	35.70	0.99	390.24	10849.98
L-S8-02	03129652	100	200.40	36.40	0.99	393.96	10899.32
L-S8-03	03129562	100	213.70	36.20	0.99	311.93	8602.70
L-S8-04	03129626	100	200.80	36.50	0.99	399.33	10861.18
L-S8-05	03129589	100	200.80	35.40	0.99	384.90	10849.92
L-S8-06	03130393	100	199.90	36.50	0.99	395.73	10864.68
L-S8-07	03129575	100	200.80	37.40	0.99	407.77	10854.13
L-S8-08	03129666	100	201.80	36.00	0.98	392.25	10859.77
L-S8-09	03130351	100	199.50	37.00	0.99	403.85	10861.03
L-S8-10	03130417	100	200.40	36.50	0.99	397.82	10855.53
L-S8-11	03129587	100	201.80	36.00	0.99	389.36	10877.52
L-S8-12	03129543	100	202.20	35.70	0.99	386.24	10859.32
L-S8-13	03129511	100	202.20	35.80	0.99	389.12	10857.92
L-S8-14	03129583	100	202.70	36.50	0.99	398.67	10856.65
L-S8-15	03129569	100	201.80	34.80	0.99	378.55	10859.58
L-S8-16	03129875	100	200.80	36.00	0.99	391.85	10856.23
L-S8-17	03129696	100	202.40	36.30	0.98	394.01	10869.55
L-S9-02	03129619	100	200.80	17.20	0.93	200.34	10843.83
L-S9-04	03130360	100	199.90	36.50	0.99	313.27	8551.52
L-S9-05	03129962	100	200.80	36.00	0.99	390.01	10880.60
L-S9-06	03130448	100	201.30	36.30	0.99	394.11	10867.18
L-SG-01	03130357	100	238.50	36.10	0.99	333.28	9250.60
L-SG-02	03130586	100	237.60	36.20	0.99	335.83	9261.02
L-SG-03	03130524	100	236.70	36.60	0.99	338.92	9244.02
L-SG-04	03130565	100	237.10	37.20	0.99	344.05	9249.53
L-SG-05	03129968	100	235.30	36.60	0.99	339.19	9255.88
Bulgarus Park	03129738	100	236.90	80.60	0.96	723.35	9004.30

Lenaueim Park - Scene 1	03130557	100	230.20	36.60	0.99	3.67	99.18
Lenaueim Park-01	03130561	100	222.90	35.40	0.99	339.89	9643.78
Lenaueim Park-02	03130221	100	225.20	35.10	0.99	339.97	9626.83
Lenaueim Park-03	03129552	100	223.40	36.40	0.99	352.53	9642.78
Lenaueim Park-04	03129594	100	234.80	35.20	0.99	339.84	9628.57
Lenaueim Park-05	03129770	100	236.20	36.30	0.99	348.58	9631.78
Lenaueim Park-06	03129921	100	231.20	35.50	0.99	3.53	98.97
Bulgarus Market	03129765						
Bulgarian firefighters	03129764	100	235.30	81.10	0.98	725.83	8998.38
Firefighters Hurry	03129459	100	227.00	81.20	0.96	727.27	8976.15
S1-01	03129816	100	234.40	36.80	0.99	409.49	11194.62
S1-02	03129861	100	234.20	36.30	0.96	396.79	10991.55
S1-03	03129803	100	234.20	35.60	0.98	389.21	11002.70
S1-04	03129845	100	233.90	36.80	0.99	403.66	10976.47
S1-05	03129850	100	234.80	34.80	0.99	379.67	8681.50
S1-06	03129830	100	234.40	36.30	0.99	398.99	10980.73
S1-07	03129820	100	231.60	36.20	0.99	397.53	10974.78
S1-08	03129799	100	234.40	36.10	0.99	394.22	11009.47
S1-09	03129796	100	234.40	36.00	0.99	393.24	11011.93
S1-10	01080198	100	0.00	0.00		0.00	0.00
S1-11	03129794	100	235.30	36.10	0.99	390.05	10905.63
S10-01	03130255	100	223.40	35.10	0.99	316.67	9040.75
S10-02	01080234						
S10-03	03129826	100	228.90	36.70	0.99	396.37	10893.95
S10-04	03130277	100	224.30	36.20	0.99	394.20	10867.57
S10-05	03129712	100	228.90	36.00	0.99	388.64	10896.62
S10-06	03130333	100	224.70	36.00	0.99	391.02	10867.67
S10-07	03129863	100	228.40	36.10	0.99	392.99	10867.30
S10-08	03130583	100	225.60	35.80	0.99	387.39	10893.02
S10-09	03130276	100	223.80	36.30	0.99	395.35	10889.32
S10-10	03129785	100	227.00	37.20	0.99	405.31	10864.80
S10-11	03129798	100	228.40	35.80	0.99	387.76	10896.55
S10-12	03129905	100	227.20	36.20	0.97	391.86	10868.65

S10-13	03129851	100	226.80	36.00	0.97	387.97	10895.50
S10-14	03129887	100	226.10	35.00	0.99	380.62	10873.98
S10-S11-01	03130294	100	223.40	36.60	0.99	398.86	10877.92
S10-S11-02	03129896	100	226.60	36.70	0.99	399.80	10863.37
S10-S11-03	03129556	100	226.10	36.40	0.99	395.89	10871.43
S10-S11-04	03129843	100	227.90	36.80	0.99	398.13	10859.07
S10-S11-05	03129840	100	227.50	37.20	0.99	401.11	10890.27
S11-01	03130401	100	220.60	34.70	0.99	377.59	10878.07
S11-02	03129932	100	222.90	35.20	0.99	381.42	10877.07
S11-03	03129567	100	225.60	37.00	0.99	402.03	10871.75
S11-04	03129523	100	223.40	36.30	0.99	393.74	10858.78
S11-05	03130514	100	221.50	35.80	0.99	390.14	10871.93
S11-06	03130327	100	221.10	35.50	0.99	385.91	10874.85
S11-07	03130008	100	223.40	34.90	0.99	379.30	10877.80
S11-08	03129572	100	222.00	36.00	0.99	391.14	10894.20
S11-09	03129542	100	222.40	35.90	0.99	390.99	10876.27
S11-10	03129512	100	222.90	36.70	0.99	399.63	10871.70
S11-11	03129822	100	221.70	35.80	0.97	391.90	10887.88
S11-12	03129834	100	220.60	36.30	0.99	395.04	10882.12
S11-13	03129837	100	220.40	35.80	0.98	389.12	10872.78
S11-14	03129517	100	220.60	36.70	0.99	399.89	10871.12
S12-01	03129971	100	226.60	35.70	0.99	345.78	9624.33
S12-02	03129510	100	220.10	36.30	0.99	395.59	10865.60
S12-03	03130545	100	218.80	36.80	0.99	395.74	10883.30
S12-04	03130387	100	216.90	36.30	0.99	397.08	10922.48
S12-05	03130346	100	216.00	36.30	0.99	396.67	10918.63
S12-06	03130380	100	216.50	36.90	0.99	405.26	10919.82
S12-07	03129605	100	219.70	34.90	0.99	380.75	10920.35
S12-08	03130330	100	218.30	37.20	0.99	405.28	10919.00
S12-09	03129679	100	218.30	35.40	0.99	386.37	10912.55
S12-10	03129779	100	217.80	36.60	0.99	397.26	10912.73
S12-11	03130413	100	216.90	36.40	0.99	398.84	10920.92
S12-12	03129969	100	218.30	36.40	0.99	396.26	10947.48
S12-13	03129755	100	218.30	36.50	0.99	395.93	10939.97

S12-14	03130383	100	216.00	37.00	0.99	404.05	10916.93
S13-01	03129586	100	219.70	36.70	0.99	398.02	10938.78
S13-02	03130410	100	217.40	36.20	0.99	394.51	10917.58
S13-03	03130361	100	217.40	36.80	0.99	404.09	10920.47
S13-D04	03130359	100	216.00	35.50	0.99	386.53	10926.17
S2-01	03129919	100	237.60	36.90	0.99	401.14	11006.87
S2-02	03129930	100	236.90	36.10	0.96	396.52	10981.45
S2-03	03130408	100	237.90	36.70	0.98	405.05	10977.00
S2-04	03129974	100	237.10	36.70	0.99	400.72	10975.72
S2-05	03129885	100	235.80	37.20	0.99	403.71	10885.38
S2-06	03129955	100	234.40	34.90	0.99	383.78	10973.22
S2-07	03129833	100	237.10	36.60	0.99	397.11	10996.03
S2-08	03129786	100	235.30	37.00	0.99	401.54	10906.52
S2-09	03129522	100	233.50	36.00	0.99	395.67	10970.87
S2-10	03129922	100	234.60	36.80	0.97	401.89	10956.30
S2-11	03129709	100	233.00	35.10	0.99	385.54	10969.27
S2-12	03130587	100	235.30	35.10	0.99	384.58	10928.85
S2-13	03129824	100	234.20	36.60	0.98	396.77	10871.70
S2-14	03130424	100	234.40	36.00	0.99	395.15	10967.77
S2-15	03129790	100	234.10	36.40	0.98	397.53	10977.97
S2-16	03129842	100	233.90	37.60	0.99	409.70	10951.40
S2-D17	03130033	100	234.40	38.30	0.99	416.17	10868.85
S2-D18	03129645	100	233.70	81.60	0.96	742.16	9105.35
S2-DJ-01	03130411	100	236.20	37.30	0.99	395.07	10578.50
S2-DJ-02	03130362	100	234.80	36.00	0.99	394.24	10950.72
S2-DJ-03	03130406	100	235.30	36.10	0.99	395.92	10956.00
S2-DJ-04	03129650	100	232.50	35.80	0.99	385.18	10911.93
S2-DJ-05	03130217	100	234.40	36.20	0.99	397.43	10956.47
S3-01	03130404	100	226.10	36.00	0.99	393.87	10955.43
S3-02	03130445	100	225.60	34.50	0.99	380.13	10962.92
S3-03	03130373	100	224.70	35.70	0.99	389.58	10895.17
S3-04	03129744	100	228.40	35.50	0.99	385.49	10977.12
S3-05	03130005	100	228.40	36.40	0.99	395.05	10895.22
S3-06	03129901	100	227.50	36.70	0.99	401.22	10980.87

S3-07	03129938	100	227.50	35.90	0.99	386.88	10928.28
S3-08	03129560	100	229.30	37.00	0.99	404.74	10892.72
S3-09	03130439	100	222.00	36.30	0.99	397.89	10894.32
S3-10	03129515	100	229.30	36.70	0.99	398.32	10903.28
S3-11	03129697	100	227.70	36.10	0.97	347.42	9683.20
S3-12	03129911	100	226.40	35.90	0.97	391.41	10958.98
S3-13	03129554	100	228.40	35.90	0.99	390.44	10912.17
S3-S4-01	03129690	100	227.00	35.10	0.99	384.14	10953.72
S3-S4-02	03130432	100	220.60	36.70	0.99	400.20	10949.32
S3-S4-03	03129959	100	227.00	36.80	0.99	403.40	10944.30
S3-S4-04	03129703	100	227.00	35.20	0.99	338.61	9631.55
S4-01	03130259	100	222.00	38.10	0.99	416.53	10963.43
S4-02	03129705	100	225.60	34.70	0.99	380.75	10959.20
S4-03	03129926	100	227.50	35.40	0.99	208.24	5865.47
S4-04	03129990	100	225.20	37.30	0.99	407.31	10985.55
S4-05	03129733	100	225.20	35.70	0.99	389.47	10958.62
S4-06	03129597	100	227.50	36.70	0.99	403.28	10961.88
S4-07	03129870	100	227.50	36.60	0.99	398.58	10981.05
S4-08	03129717	100	226.10	35.90	0.99	391.63	10955.58
S4-09	03130329	100	222.40	36.00	0.99	394.15	10951.58
S4-11	03130381	100	221.50	37.20	0.99	408.85	10954.08
S4-12	03129804	100	226.60	36.30	0.99	394.78	10954.02
S4-13	03129897	100	222.90	36.10	0.99	396.36	10960.30
S4-S5-01	03130416	100	220.10	37.10	0.99	404.62	10870.32
S4-S5-02	03130258	100	220.10	36.40	0.99	396.55	10917.50
S4-S5-03	03129689	100	221.70	36.20	0.97	393.25	10915.55
S4-S5-04	03130365	100	220.60	36.00	0.99	392.66	10917.92
S5-01	03129740	100	219.70	37.20	0.99	405.82	10924.53
S5-02	03130030	100	219.20	36.20	0.99	394.16	10937.08
S5-03	03129979	100	219.70	35.50	0.99	386.88	10925.20
S5-04	03130479	100	219.20	35.50	0.99	388.77	10926.35
S5-05	03130428	100	219.70	36.80	0.99	404.00	10931.07
S5-06	03129831	100	219.20	35.40	0.99	386.68	10910.70
S5-07	03129720	100	221.20	36.10	0.98	392.26	10928.22

S5-08	03130389	100	219.70	37.00	0.99	403.14	10934.85
S5-09	03129946	100	221.50	36.00	0.99	392.11	10926.85
S5-10	03130457	100	219.70	37.30	0.99	407.56	10924.65
S5-11	03129963	100	221.30	36.10	0.97	393.64	10963.32
S5-12	03130449	100	220.60	35.20	0.99	384.54	10923.97
S5-13	03130322	100	221.90	36.10	0.99	393.48	10958.58
S6-01	03130421	100	231.60	36.70	0.99	400.57	10894.93
S6-02	03130024	100	233.00	36.30	0.99	359.11	9955.63
S6-03	03129976	100	234.60	36.40	0.97	394.26	10919.72
S6-04	03129997	100	233.00	36.40	0.99	394.92	10916.98
S6-05	03130507	100	233.00	37.70	0.99	408.48	10821.07
S6-06	03130412	100	233.00	35.40	0.99	385.33	10897.75
S6-07	03130034	100	232.10	35.60	0.99	365.45	10299.65
S6-08	03130553	100	234.40	36.50	0.99	393.03	10843.43
S6-09	03129737	100	234.40	37.70	0.99	406.63	10925.52
S6-10	03129964	100	233.50	35.00	0.99	380.22	10903.80
S6-11	03130521	100	235.30	36.10	0.99	390.29	10929.00
S6-12	03130000	100	235.50	35.70	0.96	387.89	10929.20
S6-13	03130283	100	231.20	35.90	0.99	391.80	10912.92
S6-14	03130239	100	232.10	37.50	0.99	408.04	10818.67
S6-15	03130018	100	233.00	36.60	0.99	398.41	10904.78
S6-16	03130400	100	232.10	36.10	0.99	393.37	10904.85
S6-17	03130520	100	235.30	36.10	0.99	394.87	4462.75
S6-18	03129700	100	232.50	36.90	0.99	396.30	10854.17
S6-19	03130354	100	229.80	37.00	0.99	402.43	10903.75
S6-20	03129691	100	233.90	36.00	0.99	391.35	10910.13
S6-21	03130014	100	233.90	36.30	0.99	390.80	10847.78
S6-22	03130031	100	233.90	35.40	0.99	385.23	10897.97
S6-23	03130036	100	233.20	36.60	0.97	395.34	10826.28
S6-24	03129934	100	233.00	35.50	0.99	387.25	10903.05
S6-25	03130048	100	233.20	35.90	0.97	389.64	10917.98
S6-26	03129682	100	229.80	35.70	0.99	304.25	8571.53
S6-27	03129948	100	233.20	36.40	0.98	394.63	10927.78
S6-S7-01	03129677	100	234.20	36.30	0.98	392.66	10867.37

S6-S7-02	03130458	100	234.40	37.30	0.99	405.32	10850.73
S6-S7-03	03129547	100	232.50	36.90	0.99	398.56	10849.25
S6-S7-04	03130375	100	228.90	35.70	0.99	388.30	10843.98
S6-S7-05	03130427	100	230.20	36.20	0.99	393.46	10850.75
S7-01	03129823	100	232.10	35.70	0.99	387.20	10848.90
S7-02	03129884	100	231.20	36.30	0.99	395.17	10858.28
S7-03	03130027	100	231.90	35.70	0.98	387.98	10851.82
S7-04	03130007	100	233.00	36.40	0.99	393.27	10850.40
S7-05	03129848	100	231.20	36.10	0.99	391.41	10849.15
S7-06	03129889	100	233.00	36.30	0.99	395.20	10880.12
S7-07	03130371	100	233.50	36.00	0.99	393.26	10900.10
S7-08	03129855	100	233.90	35.90	0.99	390.88	10898.13
S7-09	03129956	100	234.80	36.20	0.99	394.32	10913.70
S7-10	03129836	100	233.90	36.10	0.99	393.30	10898.97
S7-11	03129918	100	233.90	36.30	0.97	395.40	10895.63
S7-12	03130188	100	236.20	38.10	0.99	415.37	10904.32
S7-13	03129526	100	232.10	36.50	0.99	398.44	10900.12
S7-14	03129729	100	233.50	34.90	0.99	381.49	10896.78
S7-15	03130516	100	238.50	36.50	0.99	395.21	10933.45
S7-16	03130006	100	234.80	36.00	0.99	392.49	10896.48
S7-17	03130369	100	237.60	36.70	0.99	401.25	10894.00
S7-18	03130187	100	238.10	37.70	0.99	411.88	10897.47
S7-19	03129663	100	234.80	35.50	0.99	387.45	10902.93
S7-20	03130020	100	234.40	36.60	0.99	395.51	10923.38
S7-21	00000000	0					
S8-01	03129994	100	228.90	37.50	0.99	406.95	10854.97
S8-02	03129954	100	228.40	35.80	0.99	387.60	6280.30
S8-03	03129769	100	228.90	36.90	0.99	396.22	10898.20
S8-04	03129775	100	228.40	35.90	0.99	389.69	10870.28
S8-05	03129965	100	228.40	37.00	0.99	401.41	10839.50
S8-06	03130213	100	228.40	37.40	0.99	406.94	10842.00
S8-07	03129715	100	228.40	36.50	0.99	395.62	10866.18
S8-08	03130358	100	228.90	35.30	0.99	382.41	10790.07
S8-09	03129937	100	229.30	36.80	0.99	394.00	10894.87

S8-10	03129931	100	228.90	35.80	0.99	204.98	5699.05
S8-11	03130342	100	227.90	36.10	0.99	392.36	10872.15
S8-12	03130009	100	229.80	36.20	0.99	391.65	10877.48
S8-13	03130287	100	228.40	36.30	0.99	394.79	10869.50
S8-14	03130003	100	228.90	36.50	0.99	395.53	10871.88
S8-15	03130043	100	231.20	36.00	0.99	389.38	10863.82
S8-16	03130382	100	227.90	36.50	0.99	396.68	10870.35
S8-17	03130370	100	227.50	35.80	0.99	388.83	10873.52
S8-18	03130385	100	226.60	35.90	0.99	390.14	10881.23
S8-19	03129941	100	230.20	35.60	0.98	384.14	10889.90
S8-20	03129685	100	229.80	36.70	0.99	395.42	10860.18
S8-21	03129978	100	229.30	35.50	0.99	386.76	10851.63
S8-22	03129731	100	229.60	36.00	0.97	390.74	10879.03
S8-23	03130484	100	227.00	36.40	0.99	394.85	10871.33
S8-24	03129664	100	230.90	36.60	0.97	396.48	10866.87
S8-25	03129973	100	229.60	36.40	0.98	393.94	10868.05
S8-26	03129680	100	229.80	35.60	0.99	385.62	10891.62
S8-28	03130415	100	227.00	36.10	0.99	391.67	10882.58
S8-DJ-01	03129970	100	230.20	37.20	0.99	402.53	10873.33
S8-DJ-02	03129648	100	230.20	37.10	0.99	401.90	10876.95
S8-DJ-03	03130260	100	229.30	36.90	0.99	400.52	10866.50
S8-DJ-04	03130478	100	227.50	36.40	0.99	395.16	10871.57
S8-DJ-05	03130392	100	228.40	36.40	0.99	393.91	10898.40
S8-DJ-06	03130374	100	229.30	36.80	0.99	400.51	10869.40
S9-01	03130525	100	226.10	35.70	0.99	389.88	10893.33
S9-02	03129714	100	227.90	35.90	0.99	392.77	10892.45
S9-03	03130256	100	223.40	34.40	0.99	376.19	10883.40
S9-04	03129872	100	228.20	35.70	0.97	389.54	10898.97
S9-05	03130388	100	223.40	35.60	0.99	385.11	10921.42
S9-06	03129838	100	227.90	38.20	0.99	417.29	10887.62
S9-07	03129784	100	225.20	35.80	0.99	391.32	10898.40
S9-08	03129839	100	227.50	35.10	0.99	382.64	10892.97
S9-09	03129828	100	228.90	37.10	0.99	402.75	10896.37
S9-10	03129853	100	227.00	36.30	0.99	393.74	10904.47

S9-11	03129730	100	223.80	35.80	0.99	386.94	10915.87
S9-12	03129871	100	226.10	35.10	0.99	383.42	10888.32
S9-13	03130300	100	220.10	37.10	0.99	404.16	10886.17
S9-14	03129859	100	225.60	36.40	0.99	396.39	10891.30
S9-S10-01	03129865	100	225.20	37.00	0.99	404.00	10885.63
S9-S10-02	03130419	100	222.90	36.90	0.99	401.48	10885.73
S9-S10-03	03129801	100	227.90	35.20	0.99	383.07	10866.45
S9-S10-04	03129886	100	228.90	35.60	0.99	387.44	10882.80
S9-S10-05	03129878	100	228.90	36.70	0.99	397.72	10869.80
SP-46	03129388						
SP01	03129330	100	232.80	81.20	0.98	895.09	11039.25
SP02	03130089	100	237.10	81.20	0.96	903.36	11173.48
SP03	03129319	100	233.00	79.60	0.98	890.25	11168.62
SP04	03129684	100	234.40	81.20	0.99	902.15	11222.02
SP05	03129279	100	235.80	81.30	0.98	911.77	11164.87
SP06	03130103	100	236.20	81.50	0.99	901.94	11205.88
SP07	03129305	100	233.40	81.20	0.96	907.58	11173.10
SP08	03129695	100	233.50	79.50	0.99	890.05	11191.20
SP09	03129374	100	233.00	81.70	0.97	911.75	11173.03
SP10	03129466	100	233.90	81.50	0.99	906.13	11196.37
SP11	03130057	100	236.70	81.00	0.99	905.62	11177.07
SP12	03129410	100	232.50	81.50	0.96	907.39	11181.62
SP13	03129402	100	237.60	81.10	0.99	902.59	11194.18
SP14	03129646	100	237.10	81.70	0.97	906.68	11197.77
SP15	03129745	100	236.50	80.70	0.96	901.82	11176.28
SP16	03129287	100	229.10	80.60	0.96	901.39	11147.60
SP17	03129300	100	239.40	80.10	0.99	896.19	11172.62
SP18	03130088	100	239.40	80.30	0.99	898.72	11173.50
SP19	03129351	100	238.10	80.00	0.99	894.20	11176.77
SP20	03129285	100	241.30	79.80	0.99	891.46	11175.43
SP21	03129332	100	240.40	81.40	0.99	912.64	11175.53
SP22	03129244	100	240.40	81.50	0.99	910.69	11177.70
SP23	03129451	100	237.90	81.60	0.98	907.37	11114.60
SP24	03129331	100	237.60	81.20	0.99	898.24	11160.82

SP25	03129334	100	234.40	79.90	0.99	888.52	11129.62
SP26	03129676	100	233.70	81.20	0.96	897.88	11160.22
SP27	03130102	100	233.50	81.90	0.99	910.24	11122.73
SP28	03130170	100	229.80	80.70	0.99	896.10	11136.07
SP29	03129314	100	232.10	80.70	0.99	903.06	11125.12
SP30	03129438	100	233.70	82.10	0.98	915.48	11122.60
SP31	03130184	100	227.50	79.90	0.99	888.45	11121.57
SP32	03129692	100	228.90	81.50	0.99	901.35	11173.95
SP33	03129395	100	0.00	0.00		0.00	11068.95
SP34	03130099	100	226.60	80.00	0.99	888.84	11121.42
SP35	03130183	100	222.00	80.60	0.99	903.64	11121.07
SP36	03130168	100	222.90	80.60	0.99	895.00	11131.65
SP37	03129294	100	225.60	80.70	0.96	899.81	11129.43
SP38	03130092	100	222.00	80.40	0.99	895.92	11125.78
SP39	03129359	100	223.50	80.90	0.98	901.69	11132.93
SP40	03130165						
SP41	03129468	100	221.90	82.00	0.98	914.40	11122.15
SP42	03129449	100	222.20	81.90	0.99	910.02	11121.28
SP43	03129777	100	216.00	81.90	0.99	906.31	11116.53
SP44	03129257	100	222.00	79.60	0.99	883.39	11101.43
SP45	03130142	100	216.50	81.70	0.99	906.68	11101.17
Bulgarus School	03130390	100	221.10	35.00	0.99	381.68	10955.67
Field School Bulgarian Football	03130151	100	232.10	80.00	0.99	717.56	8986.57
Water Station Bulgarian	03129480	100	238.80	81.70	0.98	735.09	8990.02

Partner 2 Zagubica Municipality lighting system report - DATA

ELECTRICITY CALCULATION FOR FOUR MEASURING POINTS IN OCTOBER 2023.
DELIVERED ELECTRICITY kWh:

VT	3,998	51,908.51 RSD
NT	2,626	34,094.98 RSD

Total for calculation: Σ 86,003.49

ELECTRICITY CALCULATION FOR FOUR MEASURING POINTS IN OCTOBER 2023.
DELIVERED ELECTRICITY kWh:

VT	2,380	31,083.92 RSD
NT	401	5,277.16 RSD

Total for calculation: Σ 36,361.08

Total savings on electricity are: Σ - 54,919.57

Drawn up,
Mihai Remus Mărgăritoiu

Approved,
Mayor
Ilie SUCIU