

Общество с ограниченной ответственностью «Сибгеопроект»

Свидетельство № СРО-И-037-18122012 рег. № 051214/081 от 05.12.2014

ЗАКАЗЧИК - ООО «АТОЛ»

Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856

ТЕХНИЧЕСКИЙ ОТЧЕТ ПО РЕЗУЛЬТАТАМ ИНЖЕНЕРНО-ГЕОДЕЗИЧЕСКИХ ИЗЫСКАНИЙ ДЛЯ ПОДГОТОВКИ ПРОЕКТНОЙ ДОКУМЕНТАЦИИ

Шифр: 101.СГП20.ИГДИ Том 1

Изм.	№ док.	Подп.	Дата



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Директор:



Суш С.Ю. Кушнарчук

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Прове		_	ІНИКОВ		02.09.20	изысканиям	000 «0	Сибгео	проект»
Н. Ко	. Контр. Кушнарчук <i>Тыв</i> 02.09.20								

Взам.инв №

Подпись и

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1 Общие сведения

Инженерно-геодезические изыскания по объекту: «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856» выполнены ООО «Сибгеопроект» на основании:

- договора, заключенного между ООО «Сибгеопроект» и ООО «АТОЛ» № 101.СГП20.ИИ от 29.07.2020г.;

- технического задания на выполнение инженерных изысканий для подготовки проектной документации, утвержденного директором ООО «АТОЛ» Н.А. Терещенко и согласованного директором ООО «Сибгеопроект» С.Ю. Кушнарчуком (приложение А).

Закачик: ООО «АТОЛ».

Исполнитель инженерных изысканий: ООО «Сибгеопроект».

Целевое назначение работ - получение топографо-геодезических материалов (топографического плана М 1:500 с высотой сечения рельефа сплошными горизонталями через 0.5 м) и данных о ситуации и рельефе местности в цифровой, графической формах, необходимых для комплексной оценки природных и техногенных условий территории строительства и, в конечном итоге, предоставление соответствующих материалов для подготовки проектной документации.

Район работ инженерных изысканий расположен в Россия, Томская область, г. Томск, ул. Иркутский тракт, 185б.

Вид строительства – новое.

Инженерно-геодезические изыскания для подготовки проектной и рабочей документации были выполнены в один этап (в соответствии с п.5.3 СП 47.13330.2016 в техническом задании и программе работ, геодезические изыскания в два этапа не предусматривались).

Этапы инженерно-геодезических изысканий:

- 1. Полготовительный этап:
- 2. Полевые работы;
 - 3. Камеральная обработка полевых материалов.

Полевые инженерно-геодезические изыскания выполнялись в августе 2020 года бригадой топографов в составе трех человек под руководством инженера-геодезиста

Юрченко Д.С.

Камеральная обработка материалов изысканий произведена в августе-сентябре 2020 года под руководством начальника инженерно-геодезического отдела Мирошникова А.В.

ООО «Сибгеопроект» имеет право на производство инженерных изысканий, что подтверждено выпиской из реестра членов саморегулируемой организации №6 от 13 августа 2020г. Выписка выдана некоммерческим партнерством «Национальный альянс изыскателей «ГеоЦентр»», СРО-И-037-18122012. Регистрационный номер в государственном реестре членов: 051214/081 от 05.12.2014 о допуске к определенному виду или видам работ, которые оказывают влияние на безопасность объектов капитального строительства. (Приложение Б).

Инженерные изыскания проводились в соответствии с действующими государственными и отраслевыми нормативными документами: СП 47.13330.2016, СП 11-104-97 и другими действующими нормативными документами.

Технический отчет с приложениями и вложенными топографическими планами представлен в местной системе координат, принятой для г.Томска и Балтийской системе высот.

Виды и объемы выполненных работ приведены в таблице №1

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№ п/п	Наименование, характеристика работ	Ед.изм.	Объем	Объем
			запланированный	выполненный
1	Рекогносцировочное обследование	шт.	5	5
	территории инженерных изысканий			
2	Создание пунктов ПВО	шт.	2	2
3	Создание реперов	шт.	1	1
4	Топографическая съемка и камеральная обработка в программном комплексе CREDO и AutoCAD 2012 участка М 1:500 с высотой сечения рельефа через 0,5 м	га	5,5	5,5
5	Составление технического отчета с текстовой частью и графическими приложениями с выдачей заказчику материалов в бумажном и электронном виде.	экз.	2	2

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2 Краткая физико-географическая характеристика района работ

Объект работ в административном отношении расположен в Томской области, г. Томск, ул. Иркутский тракт, 1856.

Участок изысканий расположен в восточной части Октябрьского района города Томска. В 2,3 км на севере протекает р. Малая Киргизка. В 2,52 км на северо-западе проходит железная дорога, с северо-западной стороны район работ граничит с ул. Иркутский тракт.

Рельеф полого - волнистый углы наклона не превышают 6° . Абсолютные отметки рельефа поверхности в пределах участка изысканий изменяются от 164,27 м до 187,77 м.

Район проведения работ расположен на не застроенной территории с нежилыми постройками, надземными и подземными коммуникациями.

Древесная растительность в районе изысканий представлена лиственными, хвойными деревьями и кустарником.

Обзорная карта расположения района работ приведена в приложении П.

Климат района проведения работ континентальный, со значительными годовыми и суточными колебаниями температур. Зима продолжительная, лето короткое. Продолжительность неблагоприятного периода 7.5 месяцев: с 5 октября по 20 мая.

Томская область расположена на юго-востоке Западной Сибири. Граничит на западе и севере с Тюменской областью и входящим в её состав Ханты-Мансийским автономным округом, на юге — с Кемеровской и Новосибирской областями, на западе — с Омской областью, на востоке с Красноярским краем. Протяжённость области с севера на юг — около 600 км, с запада на восток — 780 км.

Самая высокая точка области — 274 м над уровнем моря, самая низкая — 34 м над уровнем моря.

Административный центр Томской области - г.Томск. Томск расположен на востоке Западной Сибири на берегу реки Томи, в 50 км от места её впадения в Обь.

Тип климата — континентально-циклонический, с коротким жарким летом и длинной зимой. Средняя температура января: -17,1 °C, средняя температура июля: +18,7 °C. Годовое количество осадков — 568 мм. Основная их часть выпадает в тёплый период года.

В Томской области насчитывается 18,1 тыс. рек, ручьёв и др. водотоков, общей протяжённостью около 95 тыс. км, в том числе — 1620 рек протяжённостью более 10 км (суммарная длина этих рек составляет 57,2 тыс. км). Главной водной артерией является река Обь. Протяжённость Оби в пределах области составляет 1065 км. Основные притоки Оби, впадающие в неё на территории Томской области: Томь, Чулым, Чая, Кеть, Парабель, Васюган, Тым. Реки имеют большое хозяйственное значение; судоходство развито на Оби, Катуни, Бии, Чарыше. Велико значение рек для водоснабжения сел и городов, орошения полей и пастбищ.

Большая часть территории области находится в зоне тайги, в связи с чем труднодоступна, только в южных районах наблюдается переход в лесостепи. Заболоченность территории очень высокая, болота занимают 28,9 % площади области. Самое крупное в мире Васюганское болото находится в Томской области. Лесная растительность занимает 63 % от всего растительного покрова, луга занимают только 4%.

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3 Топографо-геодезическая изученность района инженерных изысканий

В топографо-геодезическом отношении участок изысканий изучен достаточно хорошо. На район работ имеются крупномасштабные карты и планшеты масштаба 1:500. Ранее крупномасштабная топографическая съемка на данном участке ООО «Сибгеопроект» не производилась. В подготовительный период проведен сбор и изучение топографогеодезических материалов района работ. Материалы были использованы в качестве справочных.

Представителем заказчика на схеме были указаны границы топографической съёмки. До начала работ были собраны следующие материалы:

- план-схема инженерно-геодезических изысканий;
- из архива выписаны координаты и высоты исходных геодезических пунктов.

В районе объекта работ имеются пункты триангуляции ГГС, созданные предприятиями Роскартографии (ГУГК СССР). При создании опорной геодезической сети были обследованы и использованы пункты ГГС: Калмацкое, Полевой, Понтонный, Новомихайловка, Позднеево. Результаты обследования исходных геодезических пунктов приведены в таблице №2.

Таблица №2 Ведомость обследования исходных пунктов

Наименование	Сво	едения о пункт	e		Кем и когда
пункта класс, тип центра	Наружный знак	Верхний центр	Окопка	Возможность использования	выполнена инвентаризация
п.тр. Калмацкое, 3 кл. ц.3	нет	coxp.	нет	пригоден	ООО «Сибгеопроект» в августе 2020
п.тр. Полевой, 3 кл, ц.3оп	нет	coxp.	нет	пригоден	ООО «Сибгеопроект» в августе 2020
п.тр. Понтонный, 3 кл, сиг.	нет	coxp.	нет	пригоден	ООО «Сибгеопроект» в августе 2020
п.тр. Новомихайловка , 1 кл, ц.39	нет	coxp.	нет	пригоден	ООО «Сибгеопроект» в августе 2020
п.тр. Позднеево, 2 кл.	нет	coxp.	нет	пригоден	ООО «Сибгеопроект» в августе 2020

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4 Инженерно-геодезические работы

Инженерно-геодезические изыскания на объекте: «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856» проводились с целью получения достоверных данных о ситуации и рельефе местности, наличии опасных природных и техногенных процессов для обеспечения дальнейших работ по проектированию и строительству. Изыскания проводились в соответствии с требованиями технического задания на выполнение инженерных изысканий (приложение А), программы инженерно-геодезических изысканий (приложение В) и нормативной документации.

Для обеспечения поставленных целей на объекте был выполнен комплекс инженерногеодезических работ, описание которых приведено в данном разделе.

Сроки проведения работ устанавливались согласно требованиям договорной и нормативной документации.

Методы производства работ выбирались согласно требованиям технического задания на выполнение инженерных изысканий (приложение A) и программы инженерно-геодезических изысканий (приложение B), а так же требований нормативной документации.

4.1 Рекогносцировка участка изысканий

Перед началом производства работ на объекте было произведено рекогносцировочное обследование территории изысканий. Рекогносцировочное обследование включало в себя следующее:

- ознакомление с местностью с условиями проведения работы, ситуацией и рельефом территории изысканий;
- определение местоположения объекта изысканий, согласно предоставленному ситуационному плану;
- определение объемов работ, необходимых и достаточных для принятия проектных решений, исходя из условий местности;
- определение положений ближайших к участкам пунктов долговременного закрепления, для создания планово-высотного обоснования, и обследование их на предмет пригодности для дальнейшего использования.

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4.2 Планово-высотное съемочное обоснование

Для развития опорной геодезической сети на участке изысканий, были установлены пункты: T28, T29.

Для развития планово-высотного съемочного обоснования была использована спутниковая технология. Вызвано это утратой пунктов ГГС на непосредственно прилегающей к участку работ территории. Кроме того применение навигационных спутниковых систем имеет ряд преимуществ, по сравнению с традиционными методами:

- не требуется прямой видимости между пунктами;
- получение результатов в любой системе координат и высот;
- результаты представляются в цифровом виде и могут быть легко экспортированы в картографические и географические ГИС;
 - точность определений мало зависит от природно-климатических условий;
 - -позволяет существенно сократить сроки выполнения работ.

Плановое и высотное положение GPS-пунктов опорной планово-высотной сети определялось с помощью спутникового геодезического оборудования фирмы STONEX: роверный приемник с заводским № STNS97211007, который прошел поверку в ООО «Геомастер» 27.08.2020г. и базовый приемник с заводским № S813590102041, который прошел поверку в ООО «Геомастер» 27.08.2020г. Оба приемника признаны пригодными для измерений (приложение Г).

Базовый приемник устанавливался на существующие пункты ГГС, подвижный устанавливался на вновь определяемые пункты съемочного обоснования.

Наблюдения на пунктах велись статическим методом. Центрировка штативов над центрами выполнена с помощью лазерного центрира с точностью ± 1 мм. Дискретность записи информации -5 сек., маска возвышения -15° , PDOP не превышал 5,0, при времени наблюдения не менее 30 минут, максимальная длина вектора 13572 м, минимальное количество спутников -7.

Данные с приемников, полученные при использовании спутниковой навигационной системы GPS (фирмы STONEX) для дальнейшей обработки и уравнивания экспортировались в программу SurvCE.

В результате обработки базовых линий по исходным пунктам ГГС с использованием модели геоида EGM-08, получены исходные данные в местной системе координат, принятой для г. Томска и Балтийской системе высот.

Предельные погрешности положения пунктов съемочного обоснования относительно пунктов государственной геодезической сети на данном объекте не превышают 0,2 мм в масштабе плана, что составляет 0,1 м на местности.

Пункты планово-высотного обоснования носят временный характер и на местности закреплены арматурой забитой в грунт на 0,70 м. Пункты промаркированы, подписаны масляной краской и могут быть использованы при производстве строительных работ.

Точность измерений удовлетворяет требованиям СП 11-104-97 (п. 5.25).

Составлен каталог координат и высот исходных пунктов, планово-высотного обоснования и закрепительных знаков приложение К. Закрепительные знаки сданы по акту представителю заказчика (Приложение H).

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4.3 Производство топографической съемки

Топографическая съемка в масштабе 1:500 с высотой сечения рельефа через 0.5м. была произведена в режиме кинематики в реальном времени (RTK) с точки планово-высотного обоснования T28.

Работы велись в соответствии с программой на топографо-геодезические работы с соблюдением требований технических нормативных документов.

Топографическая съемка выполнена с помощью спутникового геодезического оборудования фирмы STONEX: роверный приемник с заводским № STNS97211007, который прошел поверку в ООО «Геомастер» 27.08.2020г. и базовый приемник с заводским № S813590102041, который прошел поверку в ООО «Геомастер» 27.08.2020г. Оба приемника признаны пригодными для измерений (приложение Γ).

Полевые измерения выполнены в режиме: кинематическая съемка в реальном времени (RTK), при котором плановое и высотное положение пикетов определяется подвижным приемником, при получении дифференциальных поправок ОТ базового приемника, установленного на пункте T28. Использование RTK обеспечивает высокую производительность работы, так как на каждую точку съемки тратится несколько секунд. Качество результатов измерений гарантировано. Исполнитель может записывать готовые координаты в контроллер, отслеживать их качество и точность в любой момент, а при необходимости — повторить Допустимый коэффициент снижение точности измерения за геометрию пространственной засечки – PDOP≤ 3 ед. количество одновременно наблюдаемых спутников – не менее 6. Плановая ошибка по внутренней сходимости – 10 мм. Высотная ошибка по внутренней сходимости – 10 мм. Погрешность измерения высоты антенны ± 3 мм. Определение пикетов без «фиксированного решения» не производилось.

Измерения выполнялись согласно нормативной документации – (ГКИНП (OHTA)) – 02-262-02 (инструкция по развитию съемочного обоснования и съемке ситуации, и рельефа с применением глобальных навигационных спутниковых систем ГЛОНАСС и GPS), пункт 5.5.3.2, с регистрацией и накоплением на карту памяти результатов измерений.

Съемка выполнялась с ведением абрисов, отображающих места расположения пикетов, элементов ситуации, контуров. Съемке подлежали все имеющиеся на местности контуры: элементы рельефа, лесонасаждения, здания, подземные и наземные сооружения и коммуникации. На линиях ЛЭП указано напряжение, высота и количество проводов. Высота подвесов проводов определялась с измерением лазерным дальномером от поверхности земли и определением высотной отметки пикета в месте измерения.

При определения высот подвеса проводов ЛЭП, высот эстакад использовался лазерный дальномер Leica DISTO D5 с заводским № 330910410, который прошел поверку в ООО «Искатель-2» 26.03.2020г. и признан пригодным для измерений (приложение Γ).

Для строительных работ в районе изысканий (с точек планово-высотного обоснования методом тахеометрической съемки) был определен временный репер Рп1. Привязка выполнена электронным тахеометром: Nikon Nivo 3.M 3 заводской номер № A150414, прошедшим проверку в ООО «Геомастер» 20.01.2020 г. (номер свидетельства G6997), по результатам исследований тахеометр признан пригодным для угловых и линейных измерений до 19.01.2021г (Приложение Г).

Репер закреплен риской на металлической пластине бетона кирпичного не жилого здания. Репер промаркирован и подписан масляной краской.

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Составлен каталог координат и высот пунктов планово-высотного обоснования и закрепительных знаков в приложении К. Кроки закрепительных знаков в приложении С.

Средние погрешности в плановом положении на инженерно-топографических планах изображений предметов и контуров местности с четкими очертаниями относительно ближайших пунктов (точек) геодезической основы на застроенной территории не должны превышать 0,1 мм (в открытой местности) и 0,5 мм (в залесенных районах) в масштабе плана.

Средние погрешности съемки рельефа и его изображения на инженерно-топографических планах относительно ближайших точек съемочного обоснования не должны превышать от принятой высоты сечения рельефа:

1/4 - при углах наклона поверхности до 2°;

1/3 - при углах наклона поверхности от 2° до 10° .

В соответствии с программой работ в районе изысканий выполнена подеревная съемка. Подеревная съемка — это топографическая съемка лесного массива и отдельно стоящих деревьев с определением местоположения, толщины и породы каждого дерева. Лесные массивы со средним расстоянием между деревьев менее метра, выделялись в контур с указанием количества и породы деревьев. Производилась съемка всех отдельно стоящих деревьев. Деревьям присвоены номера и отображены на топографическом плане, а характеристики (порода, высота, диаметр ствола), представлены в ведомости (Приложение М).

План топографической съемки ориентирован на север, составлен в местной системе координат, принятой для г. Томска, Балтийской системе высот и оформлены в формате .dwg программы AutoCAD .

4.4 Съемка подземных коммуникаций

Съемка подземных коммуникаций выполнена в соответствии с требованиями СП 11-104-94 ч. II.

Съемка существующих подземных коммуникаций, имеющих выходы на поверхность, осуществлялась в режиме RTK с точки планово-высотного обоснования T28.

Плановое положение и безколодезные повороты инженерных сетей были показаны на местности представителями эксплуатирующих организаций, а так же определены с помощью прибора поиска (трубокабелеискатель АКА-ГЕО АБРИС, ТМ-8Д) и в процессе камеральных работ отображались на планах. Трассоискатель АКА-ГЕО АБРИС, ТМ-8Д приемник многочастотный ТМ-8Д предназначен для определения положения и глубины залегания подземных металлических трубопроводов и кабелей. Приемник может использоваться как в составе комплекта «Абрис» (совместно с генератором ТГ-ХХ), так и автономно - для обнаружения коммуникаций в пассивном режиме.

При обследовании подземных коммуникаций выяснялось их назначение, взаимосвязь, количество труб, глубина залегания, их материал и диаметр. Расположение и полнота нанесенных на план подземных коммуникаций были согласованы с представителями эксплуатирующих организаций.

Материалы согласования сданы в архив ООО «Сибгеопроект».

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4.5 Камеральные работы

Камеральная обработка полного комплекса геодезических работ в полевых условиях выполнялась с использованием программного комплекса CREDO DAT (сбор и обработка топографической информации), CREDO MIX (создание и представление ЦММ) с созданием цифровых моделей местности для дальнейшего использования в автоматизированном проектировании с выполнением чертежей в формате .dwg программы AutoCad. Ситуация, рельеф местности, подземные и наземные сооружения на инженерно-топографических планах изображены условными знаками, согласно утвержденных ГУГК «Условных знаков для топографических планов масштабов 1:5000, 1:2000, 1:500».

При окончательной камеральной обработке были составлены и оформлены:

- обзорная карта приложение П;
- ситуационный план приложение Р;
- схема создания планово-высотного обоснования совмещенная с картограммой выполненных работ приложение С;
- топографический план 1:500 в местной системе координат, принятой для г.Томска и Балтийской системе высот приложение У;

Все графические материалы составлены в двух видах: в электронном и на бумажной основе. Электронный носитель подготовлен в программе AutoCAD 2012.

Все работы выполнялись в соответствии с техническим заданием на выполнение инженерных изысканий, программой работ и требованиями нормативной документации.

5 Контроль и приемка работ

Технический контроль и приемка полевых работ выполнена ведущим специалистом Пенкиным В.Ю..

В процессе проведения был выполнен визуальный и инструментальный контроль. Проверены полевые журналы, произведена визуальная сверка плана с местностью. В процессе инструментального контроля были набраны контрольные пикеты. Расхождения контрольных измерений от плана в пределах допустимого.

В результате проверки установлено, что полевые и камеральные работы выполнены в соответствии с техническим заданием Заказчика и требованиями действующих нормативных документов.

Результаты контроля отражены в акте полевого контроля и приемки топографогеодезических работ № 42 от 14.08.2020 г. (приложение Ж).

Общая оценка работ – «хорошо».

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6 Заключение

По полноте, качеству и достоверности полученные материалы соответствует основным требованиям нормативных документов, техническому заданию заказчика и могут быть использованы для выполнения работ по подготовке проектной документации реконструкции. на объекте: «Многоквартирное здание, расположенное на земельном участке кадастровый №70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856».

Настоящий отчет составлен в двух экземплярах, состоящий из пояснительной записки, приложений, передан заказчику в ООО «АТОЛ». Электронная версия хранится в архиве ООО «Сибгеопроект» постоянно.

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7 Список используемых материалов

Инженерно-геодезические работы выполнены в соответствии с нормативными документами:

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- 2. СНиП 3.01.03-84. Геодезические работы в строительстве.
- 3. СП 11 -104-97. Инженерно-геодезические изыскания для строительства.
- 4. ГКИНП (ОНТА) 02-262-02. Инструкция по развитию съёмочного обоснования и съёмке ситуации и рельефа с применением глобальных навигационных спутниковых систем ГЛОНАСС и GPS.
- 5. ГКИНП-17-002-93. Инструкция о порядке осуществления государственного геодезического контроля в России.
- 6. ГКИНП (ГНТА)-17 004-99. Инструкция о порядке контроля и приемки геодезических, топографических и картографических работ.
- 7. ГКИНП-02-033-82. Инструкции по топографической съёмке в масштабах 1:5000, 1:2000,1:1000,1:500.
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- 9. Постановление Правительства РФ от 28 июля 2000г. №568 «Об установлении единых государственных систем координат СК-95».
- 10. ПТБ-88. Правила по технике безопасности на топографо-геодезических работах.
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- 12. СП 47.13330.2012 Инженерные изыскания для строительства. Основные положения;
- 13. Правила закрепления центров пунктов спутниковой геодезической сети, ЦНИИГАиК, 2001 г.;
- 14. Инструкция по составлению технических отчетов о геодезических, астрономических, гравиметрических и топографических работах;
- 15. Инструкция по съемке и составлению планов подземных коммуникаций. изд. Москва, НЕДРА 1978г.;
- 16. РТМ 68-3.01-99 Порядок создания и контроля цифровой картографической продукции открытого пользования;
- 17. ГОСТ Р 51605-2000 Карты цифровые топографические. Общие требования;
- 18. ГКИНП (ГНТА) 17-195-99 Инструкция по проведению технологической поверки геодезических приборов. Москва, 1999г;
- 19. СП 317.1325800.2017 Инженерно-геодезические изыскания для строительства. Общие правила производства работ.

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Текстовые приложения

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Приложение **A** Техническое задание

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ТЕХНИЧЕСКОЕ ЗАДАНИЕ

на производство инженерно-геодезических изысканий

«Многоквартирное здание, расположенное на земельном участке кадастровый 70:21:0100087:428 по адресу: г. Томск, ул. 1 Наименование объекта Иркутский тракт, 1856» ООО «АТОЛ» 2 Заказчик ООО «Сибгеопроект» 3 Исполнитель инженерных изысканий г. Томск ул. Иркутский тракт, 1856 Месторасположение и границы района, 4 объекта Смотреть схему генплана Инженерно-геодезические изыскания для Цели и виды инженерных изысканий разработки проектной документации СП 47.13330.2016, ГКИНП 02-033-82, СП 11-СП 11-102-97, СП 11-103-97, СП 11-104-97 Перечень нормативных документов в соответствии с требованиями, с которыми СП 14.13330.2014, СП 22.13330.2016, СП 28.13330.2017, FOCT 25100-2011, FOCT 20522необходимо выполнить инженерные 2012, ГОСТ 12248-2010, ГОСТ 12071-2014 и изыскания другие нормативные документы, регламентирующие инженерные изыскания Требования к точности, надежности В соответствии с действующими нормативными достоверности и обеспеченности документами. Высота сечения рельефа не более необходимых данных и характеристик при 0,5 м. инженерных изысканиях Отчет об инженерных изысканиях в 2-х экз. на бумажном носителе, сшитый в альбом и 1 экз. на электронном носителе (AutoCAD, Microsoft Требования к составу срокам, порядку и форме представления изыскательской Office, PDF). На съёмке указать координаты и высотные отметки колодцев. продукции Сроки в соответствии с договором на выполнение работ. Выполнить топографическую съемку в масштабе 1:500 высотой сечения рельефа 0,5 м Задачи: Инженерно-геодезические изыскания построение (развитие) опорной геодезической создание планово-высотной, съемочной

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		геодезической сети; на плане отразить размещение деревьев с присвоением инвентарного номера, составить таблицу таксации; камеральная обработка материалов; в заданных границах съемки снять все надземные и подземные коммуникации с указанием отметок глубины заложения в т.ч. указать не действующие, строящиеся объекты, инженерные сети; размещение коммуникаций и инженерных сетей согласовать с эксплуатирующими организациями; Границы изысканий в соответствии с приложением. Изыскания выполнить в местной системе координат, принятой для г.Томск. и Балтийской системе высот.
10	Прилагаемые к заданию графические и текстовые документы	Схема участка топографической съемки площадью – 54568 м ²
13	Дополнительные требования.	Материалы изысканий выполнить в объеме, необходимом для прохождения экспертизы проектной документации.

Приложение: Схема генерального плана для производства инженерных изысканий на 1 л. в 1 экз. формата (АЗ).

от Заказчика:

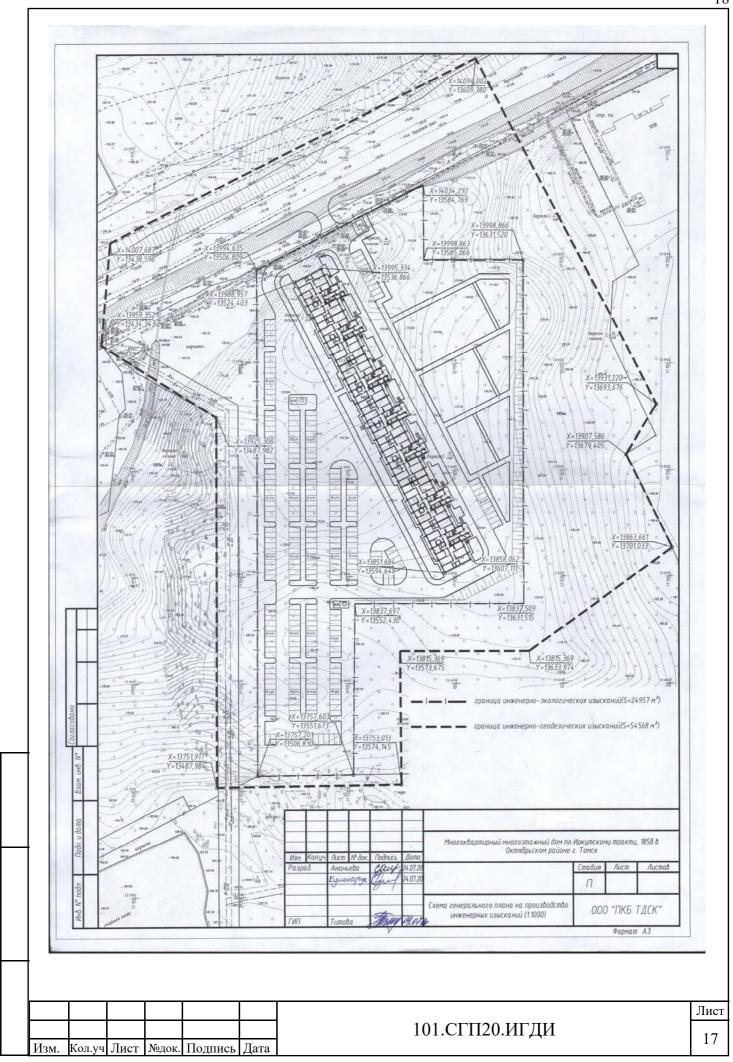
От проектной организации: Главный инженер проекта ООО «ПКБ ТДСК» <u>Алексеев А.А.</u> (Ф.И.О.)

<u> Титова Л.К.</u> (Ф.И.О.)

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Подп. и дата

Инв.№ под.

Приложение Б Выписка из реестра членов саморегулируемой организации

УТВЕРЖДЕНА

приказом Федеральной службы по экологическому, технологическому и атомному надзору от 4 марта 2019 г. № 86

Сведения

ВЫПИСКА ИЗ РЕЕСТРА ЧЛЕНОВ САМОРЕГУЛИРУЕМОЙ ОРГАНИЗАЦИИ

13 августа 2020г.

Наименование

1. Сведения о члене саморегулируемой организации:

<u>№ 6</u>

(dama)

АССОЦИАЦИЯ

«Национальный альянс изыскателей «ГеоЦентр»

(полное и сокращенное наименование саморегулируемой организации)

Саморегулируемая организация: АС «Национальный альянс изыскателей «ГеоЦентр» основанная на членстве лиц, осуществляющих изыскания

снованная на членстве лиц, осуществляющих изыскані (вид саморегулируемой организации)

123022, г. Москва, ул. Красная Пресня, д. 28, комн. 302а,

альянсгеоцентр.рф

izysk.geocentr@mail.ru

(адрес места нахождения саморегулируемой организации, адрес официального сайта в информационно-телекоммуникационной сети «Интернет», адрес электронной почты) СРО-И-037-18122012

(регистрационный номер записи в государственном реестре саморегулируемых организаций)

выдана ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «СИБГЕОПРОЕКТ»

(фамилия, имя, (в случае, если имеется) отчество заявителя — физического лица или полное наименование заявителя — юридического лица)

1.1. Полное и (в случае, если имеется) сокращенное	ОБЩЕСТВО С ОГРАНИЧЕННОЙ
наименование юридического лица или фамилия, имя,	ОТВЕТСТВЕННОСТЬЮ
(в случае, если имеется) отчество индивидуального	«СИБГЕОПРОЕКТ»
предпринимателя	(ООО «СИБГЕОПРОЕКТ»)
 1.2. Идентификационный номер налогоплательщика (ИНН) 	ИНН 7017361946
1.3. Основной государственный регистрационный номер (ОГРН) или основной государственный регистрационный номер индивидуального предпринимателя (ОГРНИП)	
1.4. Адрес места нахождения юридического лица	634000, Томск, ул.Киевская, дом № 109, корпус 4, кв.53
1.5. Место фактического осуществления деятельности (только для индивидуального предпринимателя)	STATE OF THE STATE OF THE PARTY
(только оли иноивиоуального преоприниматели)	
2. Сведения о членстве индивидуального предп	ринимателя или юридического лиц
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов	
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов саморегулируемой организации 2.2. Дата регистрации юридического лица или индивидуального предпринимателя в реестре членов	Регистрационный номер в реестре членов: 051214/081 Дата регистрации в реестре: 05.12.2014
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов саморегулируемой организации 2.2. Дата регистрации юридического лица или индивидуального предпринимателя в реестре членов саморегулируемой организации (число, месяц, год) 2.3. Дата (число, месяц, год) и номер решения	Регистрационный номер в реестре членов: 051214/081 Дата регистрации в реестре: 05.12.2014
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов саморегулируемой организации 2.2. Дата регистрации юридического лица или индивидуального предпринимателя в реестре членов саморегулируемой организации (число, месяц, год) 2.3. Дата (число, месяц, год) и номер решения о приеме в члены саморегулируемой организации 2.4. Дата вступления в силу решения о приеме в члены	Регистрационный номер в реестре членов: 051214/081 Дата регистрации в реестре: 05.12.2014 Решение б/н от 05.12.2014
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов саморегулируемой организации 2.2. Дата регистрации юридического лица или индивидуального предпринимателя в реестре членов саморегулируемой организации (число, месяц, год) 2.3. Дата (число, месяц, год) и номер решения о приеме в члены саморегулируемой организации 2.4. Дата вступления в силу решения о приеме в члены саморегулируемой организации (число, месяц, год) 2.5. Дата прекращения членства в саморегулируемой	Регистрационный номер в реестре членов: 051214/081 Дата регистрации в реестре: 05.12.2014 Решение б/н от 05.12.2014 вступило в силу 05.12.2014
2. Сведения о членстве индивидуального предп в саморегулируемой организации: 2.1. Регистрационный номер члена в реестре членов саморегулируемой организации	Регистрационный номер в реестре членов: 051214/081 Дата регистрации в реестре: 05.12.2014 Решение б/н от 05.12.2014 вступило в силу 05.12.2014 Действующий член Ассоциации

Инв.№ под. Подп. и дата Взам.инв.№

Изм. Кол.уч Лист №док. Подпись Дата

101.СГП20.ИГДИ

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права

Сведения

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в отношении капитального строг особо опасных сложных и уникал объектов использования энерг	, технически пьных объектов, ования атомной	в отношении особо опасных, технически сложных и уникальных объектов капитального строительства (кроме объектов использования атомной энергии)	в отношении объектов использования атомной энергии
05.12.2		05.12.2014	-
договору подряда договору строител	на выполнени ьного подряда,	енности члена саморегулируемой оргае инженерных изысканий, подготов по договору подряда на осуществлен	ку проектной документации, п пие сноса, и стоимости работ п
одному договору, возмещения вреда		с которым указанным членом внесен	взнос в компенсационный фог
а) первый	x	до 25000000 руб.	
б) второй	-	до 50000000 руб.	
в) третий	-	до 300000000 руб.	
г) четвертый	-	300000000 руб. и бол	ree
	ровне ответстве	енности члена саморегулируемой орг	
б) второй в) третий	-	до 50000000 руб.	
о) второй в) третий г) четвертый		до 300000000 руб. 300000000 руб. и бол	ee
в) третий г) четвертый 4. Сведения о п	риостановлени	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал	- - риостановлени тной документ вьного строител	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор	- риостановлени тной документ вного строител ой приостановл	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкця	е изыскания, осуществля
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор работ (число, месян	- риостановлени тной документ вного строител ой приостановл у, год)	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор работ (число, месян 4.2. Срок, на котор работ *	риостановлени тной документ иного строителой приостановлу, год) рый приостанов.	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци вства: пено право выполнения -	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор работ (число, месян 4.2. Срок, на котор работ * * указываются сведе дисциплинарного возде	риостановлени тной документ выного строител ой приостановл д, год) рый приостанов. ния только в отно	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци пьства: пено право выполнения - лено право выполнения -	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор работ (число, месян 4.2. Срок, на котор работ *	риостановлени тной документ выого строител ой приостановл д, год) рый приостанов. ния только в отно рействия тор й альянс ентр»	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци пьства: пено право выполнения - лено право выполнения -	е изыскания, осуществлят
в) третий г) четвертый 4. Сведения о п подготовку проек объектов капитал 4.1. Дата, с котор работ (число, месях 4.2. Срок, на котор работ * * указываются сведе дисциплинарного возд Генеральный дирек АС «Национальный изыскателей «ГеоЦ (должнос	риостановлени тной документ выого строител ой приостановл д, год) рый приостанов. ния только в отно рействия тор й альянс ентр»	до 300000000 руб. 30000000 руб. и бол и права выполнять инженерны ации, строительство, реконструкци пьства: пено право выполнения - лено право выполнения -	е изыскания, осуществлято, капитальный ремонт, сно

Наименование

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3. Сведения

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Кол.уч Лист №док. Подпись Дата

Приложение В Программа производства работ



Общество с ограниченной ответственностью «Сибгеопроект»

Утверждаю: Директор ООО «Сибронгректа С.Ю. Купінарих «29» Ситействано:

«Пиректоро»

«Да Сорозборо»

2020 г.

10 2015 - 1/20-2010-5-133

ПРОГРАММА РАБОТ на выполнение инженерных изысканий по объекту:

Многоквартирный многоэтажный жилой дом по Иркутскому тракту, 1856 в Октябрьском районе, г. Томск

Шифр: 101.СГП20.ИИ

Взам.инв. М								
Полп. и дата							Томск 2020	
Инв.№ под.	Изм.	Кол.уч	Лист	№док.	Подпись	Дата	101.СГП20.ИГДИ	Лист 20
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<u>Объект:</u> «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856».

Изыскания на объекте будут выполнятся ООО «Сибгеопроект», согласно договора заключенного между ООО «Сибгеопроект» и ООО «Атол»№ 101.СГП20.ИИ от 29.07.2020., с целью получения топографо-геодезических материалов (топографического плана М 1:500) и данных о ситуации и рельефе местности в цифровой, графической формах, необходимых для комплексной оценки природных и техногенных условий территории строительства и, в конечном итоге, предоставление соответствующих материалов для подготовки проектной документации.

- 1. Для выполнения работ ООО «Сибгеопроект» имеет право на производство инженерных изысканий, что подтверждено выпиской из реестра членов саморегулируемой организации №6 от 13 августа 2020г. Выписка выдана некоммерческим партнерством «Национальный альянс изыскателей «ГеоЦентр»», СРО-И-037-18122012. Регистрационный номер в государственном реестре членов: 051214/081 от 05.12.2014 о допуске к определенному виду или видам работ, которые оказывают влияние на безопасность объектов капитального строительства.
- **2.** Объект работ в административном отношении расположен в Томской области, г. Томск, ул. Иркутский тракт, 1856.
- **3**. Участок изысканий расположен в восточной части Октябрьского района города Томска. В 2,3 км на севере протекает р. Малая Киргизка. В 2,52 км на северо-западе проходит железная дорога, с северо-западной стороны район работ граничит с ул. Иркутский тракт.

Рельеф полого - волнистый углы наклона не превышают 6°.

Район проведения работ расположен на не застроенной территории с нежилыми постройками, надземными и подземными коммуникациями.

Древесная растительность в районе изысканий представлена лиственными, хвойными деревьями и кустарником.

- **4.** В топографо-геодезическом отношении участок изысканий изучен достаточно. Ранее крупномасштабная топографическая съемка на данном участке ООО «Сибгеопроект» не производилась. В подготовительный период произвести сбор и изучение топографогеодезических материалов района работ прошлых лет.
- 5. Топографическая съемка будет произведена в режиме RTK с точки планово-высотного обоснования с помощью спутникового геодезического оборудования фирмы STONEX: роверный приемник с заводским № STNS97211007, который прошел поверку в ООО «Геомастер» 27.08.2020г. и базовый приемник с заводским № S813590102041, который прошел поверку в ООО «Геомастер» 27.08.2020г. Оба приемника признаны пригодными для измерений, в масштабе 1:500 с высотой сечения рельефа через 0,5м. Перед началом работ должны быть обследованы пункты ГГС на предмет их пригодности в качестве исходных пунктов.

Работы проводить в соответствии с программой на топографо-геодезические работы с соблюдением требований технических нормативных документов.

Съемка будет выполнена с регистрацией и накоплением на карту памяти результатов измерений.

Съемка будет выполнена с ведением абрисов, отображающих места расположения пикетов, элементов ситуации, контуров. Съемке подлежат все имеющиеся на местности контуры: элементы рельефа, лесонасаждения, здания, подземные и наземные сооружения и коммуникации.

Подп. и дата	
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Для строительных работ в районе изысканий закрепить временный репер.

Выполнить подеревную съемку в районе изысканий в масштабе 1:500.

Топографический план должен быть ориентирован на север, в местной системе координат, принятой для г.Томска и Балтийской системе высот.

- **6.** Все инженерно-геодезические работы выполнять с соблюдением требований технических нормативных документов:
- СП 47.13330.2016 «Инженерные изыскания для строительства. Основные положения». Актуализированная редакция СНиП 11-02-96;
 - СП 11-104-97 «Инженерно-геодезические изыскания для строительства»;
- ГКИНП-38 «Руководство по топографическим съемкам в масштабах 1:5000, 1:2000, 1:1000, 1:500. Высотные сети»
- ГКИНП-02-033-83 «Инструкция по топографическим съемкам в масштабах 1:5000, 1:2000, 1:1000, 1:500»
- Условные знаки для топографических планов масштабов 1:5000, 1:2000, 1:1000, 1:500. Москва «Недра» 1989 год»
- ГКИНП (ОНТА)-02-262-02 Инструкция по развитию съемочного обоснования и съемке ситуации рельефа с применением глобальных навигационных спутниковых систем ГЛОНАСС и GPS.:
 - ПТБ-88. Правила по технике безопасности на топографо-геодезических работах
- **7.** По результатам полевых измерений, согласно техническому заданию заказчика, должны быть составлены:
- инженерно-топографический план участка в масштабе 1:500 в местной системе координат, принятой для г.Томска и Балтийской системе высот.

Все графические материалы должны быть составлены в двух видах: в электронном виде и на бумажной основе.

- 8. По результатам проведенных инженерно-геодезических изысканий выпустить технический отчет в двух экземплярах, состоящий из пояснительной записки, приложений и графической части: 2 экземпляра должны быть переданы заказчику ООО «АТОЛ», в архив ООО «Сибгеопроект» экз. электронной версии.
- 9. Все инженерно-геодезические работы будут производиться с соблюдением правил техники безопасности. Должно быть учтено наличие, опасных производственных факторов, таких как наличие на объекте ЛЭП, движение автотранспорта. Во время проведения полевых работ должны быть выполнены мероприятия по охране окружающей среды, а именно уборка мусора и отходов изыскательского производства.

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Приложение Г Свидетельства метрологической аттестации средств измерений



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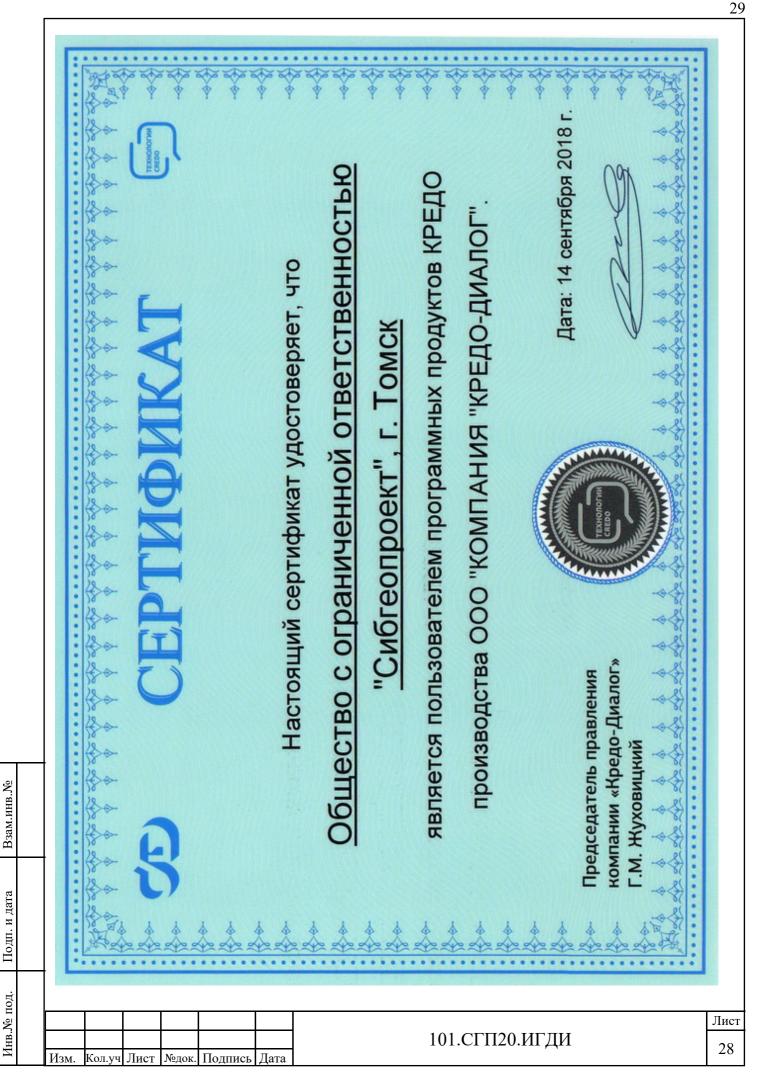
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Приложение Д Уведомления о включении сведений в Национальный реестр специалистов



АССОЦИАЦИЯ САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ ОБЩЕРОССИЙСКАЯ НЕТОСУДАРСТВЕННАЯ НЕКОММЕРЧЕСКАЯ ОРГАНИЗАЦИЯ - ОБЩЕРОССИЙСКОЕ МЕЖОТРАСЛЕВОЕ ОБЪЕДИНЕНИЕ РАБОТОДАТЕЛЕЙ «НАЦИОНАЛЬНОЕ ОБЪЕДИНЕНИЕ САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ, ОСНОВАННЫХ НА ЧЛЕНСТВЕ ЛИЦ, ВЫПОЛНЯЮЩИХ ИНЖЕНЕРНЫЕ ИЗЫСКАНИЯ, И САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ, ОСНОВАННЫХ НА ЧЛЕНСТВЕ ЛИЦ, ОСУЩЕСТВЛЯЮЩИХ ПОДГОТОВКУ ПРОЕКТНОЙ ДОКУМЕНТАЦИИ»

Ташкинову И.В. 634033, Томская обл, Томск г, Тояновская ул, дом № 16



РУКОВОДИТЕЛЬ АППАРАТА

ул. Новый Арбат, дом 21, Москва, 119019, тел. (495) 984-21-34, факс (495) 984-21-33, www.nopriz.ru, e-mail: <u>info@nopriz.ru</u> ОКПО 42860946, ОГРН 1157700004142 ИНН / КПП 7704311291 / 770401001

Исх: 2-НРС/1691-2018 от 07.02.2018

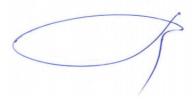
УВЕДОМЛЕНИЕ

о включении сведений в Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования

Настоящим уведомляем о том, что сведения о специалисте: Ташкинов Иван Владимирович, адрес места жительства (регистрации): 634033, Томская обл, Томск г, Тояновская ул, дом № 16 — включены в Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования.

Сведения размещены на официальном сайте Национального объединения изыскателей и проектировщиков в сети «Интернет»: https://www.nopriz.ru, в разделе «Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования».

Записи присвоен идентификационный номер – И-071812.



С.А. Кононыхин

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	Подп. и дата	
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АССОЦИАЦИЯ САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ ОБЩЕРОССИЙСКАЯ НЕГОСУДАРСТВЕННАЯ НЕКОММЕРЧЕСКАЯ ОРГАНИЗАЦИЯ - ОБЩЕРОССИЙСКОЕ МЕЖОТРАСЛЕВОЕ ОБЪЕДИНЕНИЕ РАБОТОДАТЕЛЕЙ «НАЦИОНАЛЬНОЕ ОБЪЕДИНЕНИЕ САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ, ОСНОВАННЫХ НА ЧЛЕНСТВЕ ЛИЦ, ВЫПОЛНЯЮЩИХ ИНЖЕНЕРНЫЕ ИЗЫСКАНИЯ, И САМОРЕГУЛИРУЕМЫХ ОРГАНИЗАЦИЙ, ОСНОВАННЫХ НА ЧЛЕНСТВЕ ЛИЦ, ОСУЩЕСТВЯЮЩИХ ПОДГОТОВКУ ПРОЕКТНОЙ ДОКУМЕНТАЦИИ»

РУКОВОДИТЕЛЬ АППАРАТА

ул. Новый Арбат, дом 21, Москва, 119019, тел. (495) 984-21-34, факс (495) 984-21-33, www.nopriz.ru, e-mail:info@nopriz.ru ОКПО 42860946, ОГРН 1157700004142 ИНН / КПП 7704311291 / 770401001 Фролов Алексей Викторович



УВЕДОМЛЕНИЕ о включении сведений в Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования

Настоящим уведомляем о том, что сведения о специалисте: Фролов Алексей Викторович, адрес места жительства(регистрации): 634029, Томская область, г. Томск, пер. Спортивный д. 7, кв. 96 – включены в Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования.

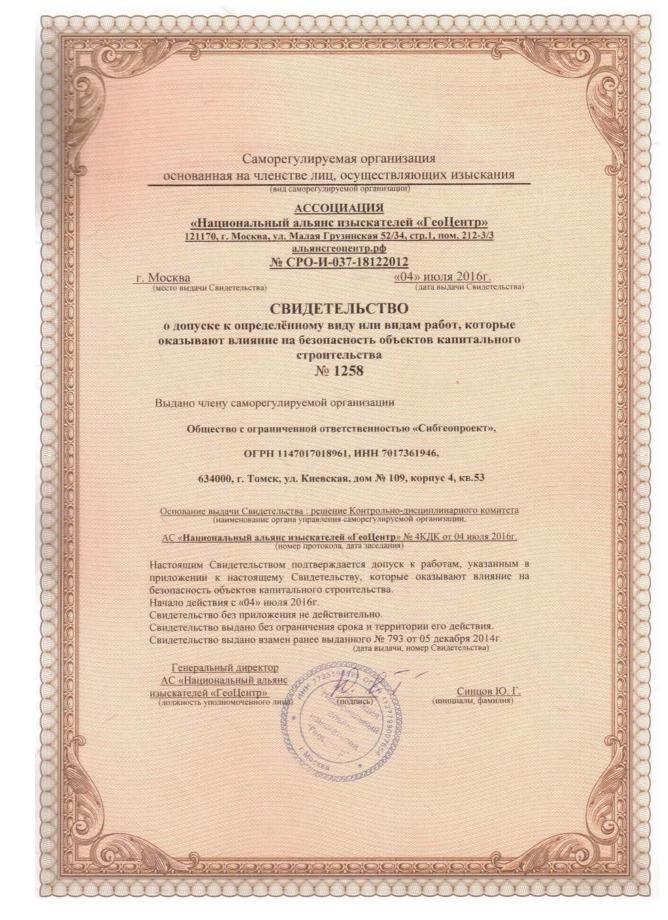
Сведения размещены на официальном сайте Национального объединения изыскателей и проектировщиков в сети «Интернет»: https://www.nopriz.ru, в разделе «Национальный реестр специалистов в области инженерных изысканий и архитектурно-строительного проектирования».

Записи присвоен идентификационный номер - И-040762.

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Приложение E Копии лицензий на право производства работ



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ПРИЛОЖЕНИЕ

к Свидетельству о допуске к определённому виду или видам работ, которые оказывают влияние на безопасность объектов капитального строительства от «04» июля 2016г. № 1258

Виды работ, которые оказывают влияние на безопасность:

1. объектов капитального строительства, включая особо опасные и технически сложные объекты капитального строительства, объекты использования атомной энергии, и о допуске к которым член АС «Национальный альянс изыскателей «ГеоЦентр» Общество с ограниченной ответственностью «Сибгеопроект», ИНН 7017361946 имеет Свидетельство

№ пп		Наименование вида работ	
	HET		

2. объектов капитального строительства, включая особо опасные и технически сложные объекты капитального строительства (кроме объектов использования атомной энергии) и о допуске к которым член АС «Национальный альянс изыскателей «ГеоЦентр» Общество с ограниченной ответственностью «Сибгеопроект», ИНН 7017361946 имеет Свидетельство

№ пп	Наименование вида работ
1.	РАБОТЫ В СОСТАВЕ ИНЖЕНЕРНО-ГЕОДЕЗИЧЕСКИХ ИЗЫСКАНИЙ
1.1.	Создание опорных геодезических сетей.
1.2.	Геодезические наблюдения за деформациями и осадками зданий и сооружений, движениями земной поверхности и опасными природными процессами.
1.3.	Создание и обновление инженерно-топографических планов в масштабах 1:200 – 1:5000, в том числе в цифровой форме, съемка подземных коммуникаций и сооружений.
1.4.	Трассирование линейных объектов.
1.5.	Инженерно-гидрографические работы.
1.6.	Специальные геодезические и топографические работы при строительстве и реконструкции зданий и сооружений.
2.	РАБОТЫ В СОСТАВЕ ИНЖЕНЕРНО-ГЕОЛОГИЧЕСКИХ ИЗЫСКАНИЙ
2.1.	Инженерно-геологическая съемка в масштабах 1:500 – 1:25000.
2.2.	Проходка горных выработок с их опробованием, лабораторные исследования физикомеханических свойств грунтов и химических свойств проб подземных вод.
2.3.	Изучение опасных геологических и инженерно-геологических процессов с разработкой рекомендаций по инженерной защите территории.
2.4.	Гидрогеологические исследования.
2.5.	Инженерно-геофизические исследования.
2.6.	Инженерно-геокриологические исследования.
2.7.	Сейсмологические и сейсмотектонические исследования территории, сейсмическое микрорайонирование.
3.	РАБОТЫ В СОСТАВЕ ИНЖЕНЕРНО-ГИДРОМЕТЕОРОЛОГИЧЕСКИХ ИЗЫСКАНИЙ
3.1.	Метеорологические наблюдения и изучение гидрологического режима водных объектов.
3.2.	Изучение опасных гидрометеорологических процессов и явлений с расчетами их характеристик.
3.3.	Изучение русловых процессов водных объектов, деформаций и переработки берегов.
3.4.	Исследования ледового режима водных объектов.
4.	РАБОТЫ В СОСТАВЕ ИНЖЕНЕРНО-ЭКОЛОГИЧЕСКИХ ИЗЫСКАНИЙ
4.1.	Инженерно-экологическая съемка территории.

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Приложение Ж АКТ № 42

Томск, ул.Советская 2, ООО «Сибгеопроект»

полевого контроля и приемки топографо-геодезических работ от «14» августа 2020

место составления акта Мы, нижеподписавшиеся, инженер-геодезист Юрченко	ЛС		
Ведущий специалист Пенкин В.Ю должность и фамилия сдающего и прини		работы	
составили настоящий акт в том, что за период с «13» августа 2		puccibi	
по <u>« 14» августа 2020г.</u> произведен контроль и приемка гео,		_	
выполненных на объекте: <u>Шифр: 101.СГП20.ИГД</u>	И «Мног	оквартирі	ное здани
расположенное на земельном участке кадастровый № 70:21:010	0087:428 п	о адресу:	г. Томск, у.
Иркутский тракт, 185б»			
по заданию ООО «АТОЛ»			
1. Виды и объемы выполненных работ			
	E	05	05
Наименование работ 1.Создание пунктов планово-высотного обоснования	Ед.изм.	Объем	Объем
песоданно пунктов иманово высотного особнования	шт.	2	хорошо
2. Создание инженерно-топографического плана М 1:500			
с сечением рельефа горизонталями через 0,5 м	га	5,5	хорошо
3. Обработка полевых материалов в программном комплексе AutoCAD	га	5,5	хорошо
4. Составление технического отчета с текстовой частью и	1.0	2,2	переше
графическими приложениями с выдачей заказчику	экз.	2	хорошо
материалов в бумажном и электронном виде.			
2. Соблюдение требований инструкции при работе с GF тахеометром, при производстве съемочных работ (густота точе расстояния между пикетами) Все требования инструкций соблюдены			
3. Состояние полевой документации			
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	Среднее отклонение от плана ()	плана (Отклонение от плана свыше доп.		е от плана		Схема
Объекты контрольных изм.		отклонение	Доп.	Недоп.	Максимальн. отклонение	Предельно допустимые отклонения от плана	располо жения участков контрол я
Тахеометрическая съемка							
1) рельеф с наклоном до 2□	25	0,10	25	0	0,12	1/3 сеч. рельефа	-

5.2. Получены следующие результаты инструментального контроля

Вид работ, класс	Величина	Объем контроля	Результаты измерений или их С	
			по НД или ТП	фактически
Создание планово-высотного съемочного обоснования	Измерения:			
п. 5.3.1.4 СП 317.1325800.2017	Плановые	2 измерения	0.08м	0.03 м
	Высотные	2 измерения	0.06 м	0.02 м
Высотно-горизонтальная	Измерения:			
съемка				
(застроенная территория)	Плановые	25 измерений	0.2 мм	0.011 mm
п.5.1.17, п.5.1.19 СП	Высотные	25 измерений	0.125 м	0.065 м
47.13330.2016				

6. Заключение по работе в целом, оценка качества работ
Общая оценка работ «хорошо»
Замечания исправил: инженер-геодезист Юрченко Д.С 13 августа 2020г.
Работу сдал: инженер-геодезист Юрченко Д.С. 14 августа 2020г.
должность, фамилия, и., о., подпись
Работу принял: ведущий специалист Пенкин В.Ю. 14 августа 2020г. должность, фамилия, и., о., подпись
Соответствие выполненных работ требованиям технического задания Выполненные работы соответствуют требованиям инструкций и технического задания
7. Общая оценка работ <u>«хорошо»</u> ведущий специалист Пенкин ость, фамилия, и., о., подпись

101.СГП20.ИГДИ

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Приложение И Ведомость оценки точности спутниковых наблюдений

GPS Observations						
Имя	dN (m)	dE (m)	dHt (m)	СКО в плане (m)	СКО по высот е (m)	
Полевой-Т28	-3262.52	13856.103	90.51	0.004	0.002	
Полевой-Т29	-3258.61	13826.833	94.98	0.003	0.001	
Новомихайловка- Т28	-1562.95	-3331.33	-33.13	0.004	0.003	
Новомихайловка- Т29	-1559.040	-3360.600	-28.660	0.002	0.003	
Калмацкое-Т28	7241.880	9845.610	86.970	0.005	0.001	
Калмацкое-Т29	7245.79	9816.34	91.44	0.001	0.002	
Понтонный-Т28	10141.2	8238.03	86.08	0.002	0.003	
Понтонный-Т29	10145.11	8208.76	90.55	0.004	0.001	
Позднеево-Т28	14914.247	598.505	-32.3	0.007	0.002	
Позднеево-Т29	14918.157	569.235	-27.830	0.002	0.001	
Полевой- Новомихайловка	-1699.57	17187.433	123.64	0.002	0.003	
Новомихайловка- Позднеево	-16477.19	-3929.835	-0.83	0.004	0.002	
Позднеево- Калмацкое	-7672.367	9247.105	119.270	0.003	0.004	
Калмацкое - Понтонный	4773.047	-7639.525	-118.38	0.002	0.001	
Понтонный - Полевой	18176.767	-13257.598	-122.810	0.001	0.002	

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Приложение К Каталог координат и высот исходных пунктов, планово-высотного обоснования и закрепительных знаков

Система координат – местная, принятая для г. Томска.

Система высот – Балтийская.

N	Наименование пункта	X	Y	Н Центр/земля			
Исходные геодезические пункты							
1	Полевой	17233.76	-400.93	-			
2	Новомихайловка	15534.19	16786.50	-			
3	Понтонный	6729.36	3609.56	-			
4	Калмацкое	3830.04	5217.14	-			
5	Позднеево	-943.00	12856.66	-			
Пункты планово-высотного и съемочного обоснования							
6	T28	13971.24	13455.17	165.77			
7	T29	13975.15	13425.90	170.24			
		Закрепленные рег	пера				
13	Рп1	13941.81	13430.09	166.74/166.05			

Составил:

Юрченко Д.С.

Проверил: Пенкин В.Ю.

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Подп. и дата										
Инв.№ под.	Изм	і. Кол.уч	н Лист	№док.	Подпись	Дата	10)1.СГП20.И	игди	Лист 36

Приложение Л Выписка из каталога координат и высот геодезических пунктов



МИНИСТЕРСТВО ЭКОНОМИЧЕСКОГО РАЗВИТИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ

ФЕДЕРАЛЬНАЯ СЛУЖБА ГОСУДАРСТВЕННОЙ РЕГИСТРАЦИИ, КАДАСТРА И КАРТОГРАФИИ

Управление Федеральной службы государственной регистрации, кадастра и картографии по Томской области

(Управление Росреестра по Томской области)

Пушкина ул., 34/1, г. Томск, 634003 тел./факс 65-66-59, e-mail: 70_upr@rosreestr.ru ОКПО 73741537 ОГРН 1047000304823 ИНН/КПП 7017107837/701701001

2 3 AEK 2019

на №

№ 05-1782/190CA

Для служебного пользования Экз. №1

Директору ООО «Сибгеопроект»

С.Ю. Кушнарчуку

ул. Нефтяная, 11-96, г. Томск, 634045

Уважаемый Станислав Юрьевич!

Управление Федеральной службы государственной регистрации, кадастра и картографии по Томской области (далее - Управление) согласно заявлению от 18.12.2019 №585 предоставляет Вам во временное пользование выписку из каталога координат и высот геодезических пунктов в МСК-70 (далее - Выписка).

По истечению срока действия Выписки, согласно Инструкции об охране геодезических пунктов (ГКИНП-07-11-84), Вам необходимо представить в Управление информацию о состоянии этих пунктов. При направлении информации о состоянии пунктов рекомендуем использовать форму согласно приложению к настоящему письму.

Дополнительно сообщаем, что в целях исключения накапливания и утраты материалов (данных) с ограничительной пометкой «Для служебного пользования» полученную Выписку после использования следует уничтожить.

Приложение: 1. выписка п/у № 259дсп от 20.12.2019 на 3л.

2. карточка обследования геодезического пункта.

Исполняющая обязанности руководителя

1

Е.В. Ковальчук

Панькова Надежда Владимировна 8(3822)51-11-67

Инв.№ под.	Подп. и дата	Взам.инв.

Изм. Кол.уч Лист №док. Подпись Дата

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Для служебного пользования Экз. единственный

МИНИСТЕРСТВО ЭКОНОМИЧЕСКОГО РАЗВИТИЯ РОССИЙСКОЙ ФЕДЕРАЦИИ

ФЕДЕРАЛЬНАЯ СЛУЖБА ГОСУДАРСТВЕННОЙ РЕГИСТРАЦИИ, КАДАСТРА И КАРТОГРАФИИ

Управление Федеральной службы государственной регистрации, кадастра и картографии по Томской области

ВЫПИСКА

из каталога координат и высот геодезических пунктов

Для организации: ООО «Сибгеопроект»

Адрес: 634045, г. Томск, ул. Нефтяная, 11-96

Система координат: МСК-70

Система высот Балтийская 1977 г.

В целях исключения накапливания и утраты материалов (данных), полученную выписку после использования следует уничтожить.

Номер	Название пункта,	Координаты	Высота.
пункта	тип знака, класс,	x/y, (M)	(M)
	высота знака, тип центра		
1317	Каргала	362 765.61	111.88
	пир. 2 кл.	4 262 797.25	
	6.2 м Центр 3 (457)		
1336	Каргала	368 205.93	110.95
	пир. 3 кл.	4 263 714.66	
	6.2 м Центр 3 оп (338)		
1267	Астальцева	351 198.63	112.91
	сигн. 2 кл.	4 260 343.60	
	26.0 м Центр 3 оп (221)		
1318	Мельниково	362 302.57	107.77
	пир. 2 кл.	4 273 627.95	
	6.0 м Центр 3 (447)		
1251	Новомихайловка	356 180 .33	198.90
	сигн. 1 кл.	4 335 977.35	
	6.1 м Центр 39		
1303	Кудрина	356 940.85	122.34
	сигн. 3 кл.	4 309 750.37	
	25.6 м Центр 149 (1045)		
1314	Попадейкино	361 201.74	74.31
	3 кл.	4 314 313.14	

п/у № № № от « № _ 201 🕏 г. Лист № 1

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	Изм.	Изм. Кол.уч	Изм. Кол.уч Лист	Изм. Кол.уч Лист №док.	Изм. Кол.уч Лист №док. Подпись	Изм. Кол.уч Лист №док. Подпись Дата

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	Центр 149 (0459)		
1288	Петрово	355 256.36	92.46
	2 кл.	4 316 712.80	
	Центр 3 (635)		
1321	Губино	363 059.86	120.35
	2 кл.	4 300 645.58	
	Центр 3		
1259	Кургановский	348 206.91	105.30
	сигн. 3 кл.	4 318 826.16	
	30.4 м Центр 3 оп (1413)		
1250	Понтонный	347 133.56	78.80
	сигн. 3 кл.	4 322 964.22	
	8.9 м Центр 46		
1304	Полевой	357 562.75	75.26
	3 кл.	4 318 760.64	_
	Центр 3 оп (1726)		
1237	Калмацкое	344 264.18	79.71
	сигн. 3 кл.	4 324 624.94	
	5.6 м Центр 46		
1220	Басандайка	340 002.69	151.94
	сигн. 3 кл.	4 326 662.17	
	26.7 м Центр 3 (1419)		
1219	Кисловка	341 068.20	118.90
	сигн. 2 кл.	4 320 287.06	Центр І
	26.1 м Центр 39		
1204	Головина	337 982.15	114.85
	3 кл.	4 315 923.30	
	Центр 3 (508)		
1184	Кафтанчикова	331 419.65	113.12
	пир. 3 кл.	4 316 183.56	
	5.3 м Центр 3		
1172	Калтай	326 395.31	113.10
	сигн. 3 кл.	4 320 653.88	
	30.3 м Центр 3 (576)		
1195	Коларово	334 944.18	175.7
	пир. 2 кл.	4 327 364.24	Центр І
	5.3 м Центр 37 оп		
1189	Таган	333 858.00	104.16
	сигн. 3 кл.	4 318 512.73	
	33.0 м Центр 149 (6186)		
1217	Позднеево	339 632.35	197.87
	2 кл.	4 332 351.60	
	Центр 1 оп (10894)		
1205	Богашево	337 628.99	193.51
	сигн. 3 кл.	4 339 354.70	
	25.5 м Центр 149 (3496)		

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1190	Аксеново	332 693.24	173.5
	сигн. 3 кл.	4 335 364.10	
	29.3 м Центр 149 (2879)		
1222	Лоскутово	341 472.69	165.0
	сигн. 3 кл.	4 341 531.71	
	26.8 м Центр 149 (4491)		

Специалист-эксперт

Doubust

Панькова Н.В.

Взам.инв.№					¥			
Подп. и дата			_			п/у	№ 2>\$1°C) от «20» \~ 201 <u>8</u> г. Лист № <u>3</u>	
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Приложение М Ведомость подеревной съемки

√o	№ на плане	Порода	Диаметр, см
1	1	берёза	22
2	2	берёза	16
3	3	берёза	15
4	4	берёза	6
5	5	берёза	20
6	6	берёза	17
7	7	берёза	15
8	8	берёза	6
9	9	берёза	16
10	10	берёза	10
11	11	берёза	7
12	12	берёза	21
13	13	берёза	10
14	14	берёза	14
15	15	куст	
16	16	берёза	13
17	17	берёза	27
18	18	берёза	10
19	19	берёза	12
20	20	берёза	16
21	21	берёза	14
22	22	берёза	14
23	23	берёза	22
24	24	берёза	23
25	25	куст	
26	26	берёза	10
27	27	берёза	12,20
28	28	берёза	12
29	29	осина	6
30	30	осина	18
31	31	осина	8
32	32	осина	16
33	33	осина	10
34	34	осина	11
35	35	осина	17
36	36	осина	15
37	37	осина	7
38	38	берёза	8
39	39	берёза	20
40	40	берёза	33
41	41	берёза	16
42	42	берёза	25
43	43	берёза	28

Подп. и дата Взам.инв.№

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44	44	куст	
45	45	куст	
46	46	берёза	14
47	47	берёза	12
48	48	берёза	20
49	49	берёза	22
50	50	берёза	20
51	51	берёза	19
52	52	берёза	19
53	53	берёза	8
54	54	берёза	14
55	55	берёза	15
56	56	куст	
57	57	берёза	9
58	58	осина	10
59	59	осина	10
60	60	осина	14
61	61	осина	11
62	62	осина	10
63	63	осина	12
64	64	осина	12
65	65	осина	11
66	66	осина	17
67	67	осина	16
68	68	берёза	30
69	69	куст	
70	70	берёза	40
71	71	берёза	8
72	72	берёза	30
73	73	берёза	16,26
74	74	берёза	29
75	75	куст	
76	76	берёза	40
77	77	куст	
78	78	берёза	31
79	79	берёза	7
80	80	берёза	21
81	81	осина	18
82	82	берёза	19
83	83	осина	21
84	84	осина	17
85	85	осина	22
86	86	осина	18
87	87	осина	22
88	88	осина	16
89	89	осина	25
90	90	осина	25
91	91	берёза	29
92	92	сухостой	13

Изм.	Кол.уч	Лист	№док.	Подпись	Дата

93	93	осина	22
94	94	осина	12
95	95	осина	12
96	96	тальник	высота 2-4м
97	97	куст	
98	98	куст	
99	99	тальник	высота 2-4м
100	100	берёза	37
101	101	осина	12
102	102	берёза	30
103	103	сухостой	22
104	104	берёза	34
105	105	берёза	46
106	106	осина	10
107	107	берёза	44
108	108	берёза	35
109	109	осина	12
110	110	куст	
111	111	осина	11
112	112	осина	8
113	113	осина	13
114	114	осина	14
115	115	берёза	40
116	116	куст	-10
117	117	берёза	7
118	118	куст	,
119	119	куст	
120	120	осина	11
121	121		11
122	122	сосна берёза	33
123	123	берёза	7
124		осина	28
125	124	берёза	28
126	125	куст	7
127	126	берёза	7
128	127	сухостой	17
	128	берёза	29
129	129	берёза	55
130	130	берёза	38
131	131	рябина	8
132	132	сухостой	7
133	133	рябина	13
134	134	сосна	7
135	135	сухостой	46
136	136	осина	7
137	137	сосна	7
138	138	осина	20
139	139	сосна	9
140	140	осина	24
141	141	берёза	26

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142	142	сосна	23
143	143	берёза	20
144	144	осина	6
145	145	берёза	7
146	146	сосна	30
147	147	берёза	20
148	148	берёза	23
149	149	сосна	26
150	150	берёза	38
151	151	осина	8
152	152	сосна	12
153	153	осина	13
154	154	берёза	10
155	155	осина	17
156	156	сосна	23
157	157	сосна	30
158	158	сосна	10
159	159	сосна	25
160	160	берёза	70
161	161	сосна	1.5м высота
162	162	берёза	68
163	163	рябина	12
164	164	осина	15
165	165	осина	23
166	166	рябина	15
167	167	осина	22шт. от 1 до 3м
168	168	осина	16
169	169	осина	15
170	170	осина	19
171	171	осина	11
172	172	осина	15
173	173	осина	16
174	174	берёза	13
175	175	сосна	6,10
176	176	осина	25
177	177	осина	17
178	178	берёза	68
179	179	берёза	21
180	180	осина	12
181	181	осина	13
182	182	берёза	34
183	183	осина	14
184	184	берёза	30
185	185	осина	16
186	186	осина	11
187	187	сухостой	50
188	188	берёза	40,50
189	189	рябина	15
190	190	осина	7

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Изм.	Кол.уч	Лист	№док.	Подпись	Дата

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Лист

191	191	берёза	48
192	192	осина	16
193	193	берёза	34
194	194	берёза	54
195	195	берёза	34
196	196	берёза	43
197	197	берёза	34
198	198	сухостой	20
199	199	осина	13
200	200	осина	9
201	201	берёза	36
202	202	берёза	28
203	203	берёза	36
204	204	берёза	47
205	205	куст	
206	206	берёза	37
207	207	берёза	40
208	208	берёза	32
209	209	сухостой	20
210	210	осина	42
211	211	куст	
212	212	сосна	14
213	213	берёза	20,45
214	214	берёза	40
215	215	куст	
216	216	рябина	16
217	217	куст	
218	218	осина	15
219	219	осина	10
220	220	куст	
221	221	осина	18
222	222	сосна	15
223	223	осина	20
224	224	осина	16
225	225	осина	19
226	226	берёза	41
227	227	сухостой	25
228	228	сосна	38
229	229	берёза	36
230	230	сосна	14
231	231	осина	12
232	232	берёза	54
233	233	берёза	40
234	234	берёза	20
235	235	берёза	32
236	236	осина	14
237	237	куст	27.20
238	238	рябина	13
239	239	куст	

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240	240	берёза	50
241	241	берёза	40
242	242	берёза	30
243	243	берёза	59
244	244	берёза	50
245	245	осина	12шт. от 2 до 5м
246	246	черёмуха	высота от 2 до 4м
247	247	берёза	56
248	248	осина	14
249	249	берёза	58
250	250	рябина	16
251	251	сосна	55
252	252	осина	9
253	253	сухостой	12
254	254	берёза	46
255	255	сухостой	22
256	256	сосна	25
257	257	осина	26
258	258	сухостой	18
259	259	куст	
260	260	сухостой	20
261	261	сухостой	15
262	262	куст	
263	263	берёза	9
264	264	берёза	67
265	265	берёза	35,40,40
266	266	куст	
267	267	берёза	37
268	268	тальник	высота 2-4м.
269	269	берёза	46
270	270	берёза	45
271	271	берёза	54
272	272	берёза	71
273	273	сухостой	16
274	274	осина	18
275	275	берёза	59
276	276	берёза	26
277	277	берёза	54
278	278	берёза	42
279	279	сухостой	13
280	280	осина	13
281	281	ива	11
282	282	осина	11
283	283	берёза	44
284	284	берёза	45
285	285	берёза	40
286	286	ива	13
287	287	берёза	39
288	288	берёза	36

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289	289	берёза	45	
290	290	сухостой	20	
291	291	сухостой	20	
292	292	осина	28	
293	293	ива	10	
294	294	берёза	49	
295	295	осина	13шт. от 2 до 5м	
296	296	осина	10	
297	297	берёза	45	
298	298	берёза	15	
299	299	берёза	56	
300	300	осина	18	
301	301	осина	13	
302	302	берёза	45	
303	303	осина	21	
304	304	сухостой	45	
305	305	осина	21	
306	306	сухостой	18	
307	307	берёза	32	
308	308	сосна	16	
309	309	сосна	17	
310	310	сосна	7	
311	311	сосна	13	
312	312	сосна	23	
313	313	сосна	30	
314	314	сосна	25	
315	315	осина	4шт. от 3 до 5м	
316	316	осина	24	
317	317	берёза	30	
318	318	берёза	63	
319	319	берёза	64	
320	320	берёза	56	
321	321	берёза	72	
322	322	сухостой	60	
323	323	осина	14	
324	324	осина	13	
325	325	куст		
326	326	куст		
327	327	осина	13	
328	328	берёза	55	
329	329	осина	15	
330	330	осина	21	
331	331	осина	18	
332	332	осина	7	
333	333	берёза	67	
334	334	осина	17	
335	335	осина	18	
336	336	осина	21	
337	337	осина	15	

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338	338	осина	15
339	339	осина	6шт.
340	340	берёза	60
341	341	берёза	65
342	342	черёмуха	18
343	343	куст	
344	344	осина	4шт. от 1 до 3м
345	345	берёза	57
346	346	куст	
347	347	берёза	63
348	348	берёза	60
349	349	берёза	21,27
350	350	берёза	26
351	351	рябина	18
352	352	берёза	25
353	353	осина	16
354	354	сухостой	15
355	355	осина	6
356	356	осина	15
357	357	осина	19
358	358	осина	22
359	359	рябина	18
360	360	осина	19
361	361	осина	18
362	362	осина	21
363	363	осина	13
364	364	куст	
365	365	куст	
366	366	куст	
367	367	берёза	15
368	368	сухостой	30
369	369	осина	18
370	370	осина	11
371	371	куст	
372	372	берёза	16
373	373	берёза	47
374	374	берёза	57
375	375	берёза	54
376	376	осина	10
377	377	берёза	61
378	378	сухостой	15
379	379	сухостой	65
380	380	осина	6
381	381	осина	13
382	382	осина	7
383	383	куст	
384	384	берёза	13
385	385	черёмуха	12
386	386	черёмуха	10

Изм. Кол.уч Лист №док. Подпись Дата

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387	387	берёза	43
388	388	черёмуха	9
389	389	осина	6
390	390	осина	12
391	391	берёза	36
392	392	берёза	50
393	393	осина	10
394	394	куст	
395	395	куст	
396	396	берёза	27
397	397	берёза	36
398	398	берёза	22
399	399	берёза	35,39
400	400	берёза	15
401	401	куст	
402	402	берёза	30
403	403	тальник	высота 1-4м
404	404	берёза	71
405	405	черёмуха	18
406	406	черёмуха	17
407	407	берёза	46
408	408	куст	
409	409	берёза	39
410	410	берёза	59
411	411	куст	
412	412	черёмуха	15
413	413	берёза	32
414	414	черёмуха	16
415	415	черёмуха	16
416	416	берёза	50
417	417	куст	
418	418	ива	12
419	419	берёза	31
420	420	куст	
421	421	куст	
422	422	куст	
423	423	осина	8
424	424	куст	
425	425	куст	
426	426	осина	8
427	427	осина	20
428	428	осина	12
429	429	ива	14
430	430	куст	
431	431	сосна	19
432	432	куст	
433	433	ива	12
434	434	берёза	49
435	435	берёза	66

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Изм. Кол.уч Лист №док. Подпись Дата

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436	436	осина	6
437	437	берёза	30
438	438	берёза	50
439	439	берёза	26
440	440	осина	10
441	441	берёза	46
442	442	черёмуха	16
443	443	берёза	50
444	444	черёмуха	16
445	445	берёза	25,42
446	446	берёза	44
447	447	берёза	18
448	448	берёза	20,37,44
449	449	берёза	50
450	450	берёза	43,44
451	451	осина	8шт. от 1 до 4м
452	452	берёза	10
453	453	берёза	10
454	454	берёза	36
455	455	берёза	57
456	456	берёза	30
457	457	берёза	43
458	458	берёза	52
459	459	осина	6
460	460	осина	18
461	461	осина	7
462	462	берёза	30
463	463	берёза	26
464	464	берёза	37
465	465	берёза	33
466	466	берёза	20
467	467	берёза	25
468	468	берёза	48
469	469	берёза	49
470	470	берёза	53
471	471	берёза	34
472	472	берёза	20
473	473	осина	9
474	474	берёза	43
475	475	осина	11
476	476	куст	1.1
477	477	берёза	37
478	478	осина	11
479	479	берёза	47
480	480	куст	1/
481	481	берёза	29
482	482	осина	12
483	483	берёза	35
484	484	берёза	40

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485	485	осина	8
486	486	берёза	36
487	487	берёза	30,48
488	488	рябина	17
489	489	берёза	30
490	490	осина	14
491	491	берёза	50
492	492	берёза	40
493	493	осина	14
494	494	куст	
495	495	берёза	52
496	496	берёза	50
497	497	куст	
498	498	черёмуха	20
499	499	берёза	50
500	500	осина	11
501	501	черёмуха	24
502	502	куст	
503	503	осина	14
504	504	берёза	60
505	505	берёза	27
506	506	берёза	27
507	507	берёза	51
508	508	куст	
509	509	осина	10
510	510	берёза	43
511	511	куст	
512	512	берёза	48
513	513	берёза	50
514	514	осина	11
515	515	осина	11
516	516	осина	10
517	517	осина	11
518	518	осина	12
519	519	берёза	55
520	520	куст	
521	521	осина	13
522	522	берёза	33,43
523	523	осина	13
524	524	сухостой	50
525	525	берёза	51
526	526	берёза	48
527	527	осина	25шт. от 2 до 5м
528	528	осина	9
529	529	берёза	47
530	530	берёза	38
531	531	осина	20шт. от 2 до 4м
532	532	берёза	45
533	533	берёза	35

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Изм. Кол.уч Лист №док. Подпись Дата

101.СГП20.ИГДИ

534	534	берёза	50
535	535	осина	7
536	536	осина	7
537	537	берёза	45
538	538	берёза	44
539	539	берёза	42
540	540	берёза	28
541	541	берёза	50
542	542	берёза	38
543	543	берёза	42
544	544	осина	7
545	545	осина	8
546	546	берёза	47
547	547	куст	
548	548	осина	14
549	549	куст	
550	550	осина	8шт от 2 до 3м
551	551	берёза	33
552	552	берёза	3
553	553	осина	12
554	554	осина	12
555	555	берёза	34
556	556	куст	
557	557	берёза	35
558	558	рябина	12
559	559	берёза	10
560	560	осина	12
561	561	осина	11
562	562	осина	10
563	563	осина	13
564	564	осина	12
565	565	берёза	50
566	566	тальник	высота от 2 до 4м.
567	567	осина	9
568	568	осина	11
569	569	берёза	12
570	570	осина	16
571	571	берёза	40
572	572	рябина	18
573	573	берёза	56
574	574	рябина	13
575	575	осина	10
576	576	берёза	40
577	577	осина	12
578	578	берёза	33
579	579	осина	12
580	580	берёза	43
581	581	берёза	37
582	582	берёза	52

Изм. Кол.уч Лист №док. Подпись Дата

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583	583	рябина	12
584	584	осина	11
585	585	берёза	44
586	586	берёза	55
587	587	берёза	48
588	588	берёза	50
589	589	осина	5шт. от 3 до 4м.
590	590	берёза	24
591	591	берёза	38
592	592	берёза	40
593	593	берёза	38
594	594	берёза	40
595	595	осина	19
596	596	берёза	44
597	597	черёмуха	20
598	598	ель	6
599	599	берёза	86
600	600	осина	18
601	601	осина	8
602	602	осина	8
603	603	берёза	40
604	604	берёза	70
605	605	берёза	17
606	606	берёза	50
607	607	берёза	50
608	608	берёза	50
609	609	осина	18
610	610	берёза	60
611	611	черёмуха	22
612	612	берёза	57
613	613	куст	
614	614	черёмуха	17
615	615	куст	
616	616	берёза	50
617	617	берёза	49
618	618	берёза	46
619	619	берёза	53
620	620	берёза	50
621	621	берёза	60
622	622	осина	7
623	623	осина	6
624	624	куст	
625	625	сухостой	15
626	626	берёза	65
627	627	осина	11
628	628	осина	11
629	629	осина	9
630	630	берёза	50
631	631	берёза	58

Изм.	Кол.уч	Лист	№док.	Подпись	Дата

101.СГП20.ИГДИ

632	632	осина	9
633	633	осина	9
634	634	берёза	50
635	635	осина	15
636	636	осина	17
637	637	берёза	80
638	638	куст	
639	639	берёза	55
640	640	черёмуха	20
641	641	рябина	18
642	642	куст	
643	643	берёза	28
644	644	осина	10
645	645	осина	11
646	646	осина	5шт.3-4м
647	647	осина	11
648	648	осина	9
649	649	берёза	50
650	650	рябина	18
651	651	берёза	60
652	652	куст	
653	653	куст	
654	654	куст	
655	655	берёза	53
656	656	осина	6
657	657	осина	6
658	658	осина	7
659	659	осина	9
660	660	куст	
661	661	осина	7
662	662	осина	14
663	663	куст	
664	664	осина	15
665	665	берёза	34
666	666	осина	12
667	667	берёза	57
668	668	осина	19
669	669	берёза	16
670	670	тальник	от 2 до 4м
671	671	берёза	29,45
672	672	черёмуха	18
673	673	черёмуха	15
674	674	берёза	51
675	675	черёмуха	19
676	676	берёза	60
677	677	осина	6
678	678	берёза	40
679	679	берёза	35
680	680	берёза	67

Изм. Кол.уч Лист №док. Подпись Дата

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Лист

681	681	черёмуха	17
682	682	берёза	21
683	683	берёза	37
684	684	берёза	15
685	685	черёмуха	13
686	686	осина	16
687	687	осина	9
688	688	осина	9
689	689	сухостой	25
690	690	осина	6
691	691	берёза	23
692	692	осина	7
693	693	берёза	37
694	694	ива	15
695	695	берёза	47
696	696	осина	14
697	697	куст	
698	698	берёза	47
699	699	берёза	45
700	700	берёза	60
701	701	осина	6
702	702	осина	7
703	703	берёза	47,50
704	704	куст	
705	705	берёза	50
706	706	черёмуха	19
707	707	берёза	25
708	708	осина	6
709	709	берёза	50
710	710	береза,осина	9шт. от 2 до 5м
711	711	берёза	50
712	712	берёза	47
713	713	куст	
714	714	берёза	33
715	715	осина	7
716	716	осина	6
717	717	сухостой	23
718	718	берёза	60
719	719	берёза	50
720	720	берёза	58
721	721	берёза	60
722	722	осина	7
723	723	осина	12
724	724	осина	13
725	725	осина	17
726	726	берёза	88
727	727	рябина	23
728	728	осина	20
729	729	осина	13

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Изм.	Кол.уч	Лист	№док.	Подпись	Дата

730	730	осина	14
731	731	осина	16
732	732	берёза	35
733	733	ива	10
734	734	берёза	17
735	735	сухостой	15
736	736	осина	12
737	737	куст	
738	738	берёза	78
739	739	осина	16
740	740	берёза	50
741	741	берёза	45
742	742	берёза	70
743	743	осина	7
744	744	берёза	60
745	745	берёза	18,46
746	746	берёза	50
747	747	берёза	63
748	748	осина	11
749	749	осина	8
750	750	берёза	44
751	751	осина	9
752	752	осина	7
753	753	осина	13
754	754	осина	7
755	755	ива	10
756	756	осина	6
757	757	осина	19
758	758	осина	6
759	759	берёза	97
760	760	осина	6
761	761	черёмуха	5шт. от 2 до 4м.
762	762	осина	7
763	763	осина	20
764	764	ива	10
765	765	берёза	21
766	766	берёза	39
767	767	осина	16
768	768	осина	10
769	769	берёза	75
770	770	осина	6
771	771	куст	
772	772	сосна	23
773	773	куст	
774	774	осина	9шт.от 2м до 4м
775	775	осина	15
776	776	берёза	30
777	777	осина	7
778	778	берёза	70

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ı	Изм.	Кол.уч	Лист	№док.	Подпись	Дата

779	779	берёза	40
780	780	осина	12
781	781	куст	
782	782	берёза	60
783	783	осина	16
784	784	куст	
785	785	осина	10
786	786	осина	9
787	787	берёза	40
788	788	осина	10
789	789	осина	12
790	790	осина	10
791	791	осина	15
792	792	осина	20
793	793	куст	
794	794	куст	
795	795	берёза	38
796	796	куст	
797	797	куст	
798	798	берёза	68
799	799	осина	10
800	800	осина	6
801	801	ива	10
802	802	осина	11
803	803	осина	23
804	804	осина	23
805	805	берёза	8
806	806	осина	12
807	807	осина	6
808	808	осина	10
809	809	осина	6
810	810	берёза	58
811	811	осина	19
812	812	берёза	53
813	813	осина	9
814	814	осина	22
815	815	осина	20
816	816	осина	19
817	817	осина	10
818	818	осина	17
819	819	ива	16
820	820	берёза	72
821	821	рябина	17
822	822	берёза	75
823	823	берёза	70
824	824	берёза	22
825	825	осина	7шт. от 2 до 4м.
826	826	берёза	86
827	827	берёза	62

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	Изм.	Кол.уч	Лист	№док.	Подпись	Дата

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828	828	осина	9
829	829	осина	8
830	830	осина	10
831	831	осина	15
832	832	берёза	63
833	833	осина	9
834	834	осина	10
835	835	берёза	55
836	836	берёза	40
837	837	сухостой	19
838	838	берёза	33
839	839	берёза	25
840	840	осина	18
841	841	осина	23
842	842	осина	14
843	843	осина	17
844	844	ива	8
845	845	осина	17
846	846	осина	18
847	847	куст	1000
848	848	куст	
849	849	берёза	65
850	850	осина	15
851	851	берёза	53
852	852	осина	16
853	853	осина	16
854	854	сухостой	55
855	855	осина	19
856	856	берёза	75
857	857	берёза	40
858	858	осина	20
859	859	осина	14
860	860	берёза	86
861	861	осина	15
862	862	осина	13
863	863	осина	15
864	864	берёза	60
865	865	осина	7
866	866	осина	7
867	867	осина	6
868	868	берёза	26
869	869	осина	7
870	870	берёза	28
871	871	осина	6
872	872	осина	7
873	873	берёза	40,55
874	874	черёмуха	13
875	875	осина	6
876	876	осина	7

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Изм.	Кол.уч	Лист	№док.	Подпись	Дата

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877	877	сухостой	15
878	878	осина	7
879	879	сухостой	60
880	880	осина	7
881	881	осина	10
882	882	осина	10
883	883	черёмуха	15
884	884	сухостой	20
885	885	тальник	высота от 2 до 5м
886	886	осина	14
887	887	черёмуха	16
888	888	осина	6
889	889	берёза	59
890	890	осина	6
891	891	рябина	20
892	892	берёза	61
893	893	берёза	61
894	894	берёза	50
895	895	куст	
896	896	осина	6
897	897	куст	
898	898	сухостой	50
899	899	осина	6
900	900	осина	7
901	901	осина	24
902	902	берёза	17
903	903	берёза	52
904	904	рябина	12
905	905	рябина	13
906	906	берёза	28
907	907	берёза	8,29
908	908	берёза	33
909	909	берёза	27,30
910	910	берёза	45
911	911	осина	7
912	912	берёза	33
913	913	куст	
914	914	куст	
915	915	осина	10
916	916	осина	7
917	917	осина	14
918	918	берёза	53
919	919	осина	11
920	920	осина	15
921	921	куст	
922	922	ива	12
923	923	берёза 15	
924	924	осина	7шт. от 2 до 3м.
925	925	ива	12

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926	926	ива	12
927	927	берёза	34
928	928	берёза	30
929	929	берёза	35
930	930	осина	8
931	931	берёза	30
932	932	осина	7
933	933	куст	
934	934	берёза	30
935	935	осина	9
936	936	осина	14
937	937	осина	16
938	938	берёза	21
939	939	осина	7
940	940	берёза	38
941	941	берёза	32
942	942	берёза	21
943	943	осина	9
944	944	берёза	8,34
945	945	берёза	40
946	946	осина	17
947	947	осина	16
948	948	ива	13
949	949	берёза	30
950	950	куст	
951	951	черёмуха	23
952	952	осина	14
953	953	берёза	60
954	954	сухостой	11
955	955	берёза	86
956	956	осина	19
957	957	осина	6
958	958	берёза	80
959	959	осина	23
960	960	осина	6
961	961	осина	12
962	962	берёза	18
963	963	куст	
964	964	осина	20
965	965	сухостой	80
966	966	осина	29
967	967	осина	20
968	968	осина	23
969	969	осина	20
970	970	осина	16
971	971	осина	20
972	972	The state of the s	
973	973	осина, тальник	25шт. от 2 до 5м
974	974	берёза	70

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975	975	берёза	110
976	976	берёза	30
977	977	берёза	23
978	978	осина	17
979	979	черёмуха	18
080	980	осина	24
981	981	осина	6
982	982	куст	
983	983	осина	6
984	984	сосна	23
985	985	ива	13
986	986	ива	9
987	987	берёза	40
988	988	куст	
989	989	осина	9
990	990	осина	9
991	991	осина	6
992	992	осина	17
993	993	сухостой	20
994	994	куст	
995	995	куст	
996	996	осина	17
997	997	осина	12
998	998	осина	10
999	999	ива	25
1000	1000	берёза	38
1001	1001	берёза	60
1002	1002	берёза	55
1003	1003	осина	16
1004	1004	куст	
1005	1005	осина	15
1006	1006	осина	16
1007	1007	осина	18
1008	1008	осина	24
1009	1009	осина	21
1010	1010	осина	24
1011	1011	осина	21
1012	1012	осина	23
1013	1013	куст	
1014	1014	куст	
1015	1015	осина	21
1016	1016	осина	20
1017	1017	берёза	81
1018	1018	берёза	21
1019	1019	осина	6
1020	1020	сухостой	15
1021	1021	осина	29
1022	1022	сухостой	20
1023	1023	осина	26

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1024	1024	берёза	11
1025	1025	сухостой	24
1026	1026	осина	18
1027	1027	ива	8
1028	1028	осина	24
1029	1029	берёза	20
1030	1030	берёза	7
1031	1031	берёза	12
1032	1032	осина	8
1033	1033	черёмуха	19
1034	1034	осина	6
1035	1035	осина	23
1036	1036	осина	25
1037	1037	осина	25
1038	1038	берёза	25
1039	1039	сухостой	7
1040	1040	берёза	36
1041	1041	осина	6
1042	1042	сухостой	42
1043	1043	берёза	48
1044	1044	осина	8шт. от 3 до 5м
1045	1045	осина	6
1046	1046	осина	6
1047	1047	осина	10
1048	1048	осина	13
1049	1049	осина	11
1050	1050	ива	17
1051	1051	осина	15
1052	1052	осина	16
1053	1053	осина	15
1054	1054	берёза	27
1055	1055	ива	13
1056	1056	осина	17
1057	1057	сухостой	13
1058	1058	черёмуха	высота от 2 до 5м
1059	1059	сосна	34
1060	1060	сосна	34
1061	1061	берёза	23
1062	1062	сосна	38
1063	1063	осина	17
1064	1064	берёза	67
1065	1065	осина	18
1066	1066	осина	7
1067	1067	берёза	80
1068	1068	куст	
1069	1069	куст	
1070	1070	сухостой	40
1071	1071	берёза	75
1072	1072	берёза	88

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1073	1073	берёза	7
1074	1074	сосна	16
1075	1075	берёза	60
1076	1076	куст	
1077	1077	берёза	14
1078	1078	сосна	40
1079	1079	сосна	25
1080	1080	ива	25
1081	1081	осина	9
1082	1082	осина	23
1083	1083	сосна	40
1084	1084	сосна	22
1085	1085	сосна	23
1086	1086	сосна	40
1087	1087	берёза	88
1088	1088	сосна	38
1089	1089	сосна	11
1090	1090	берёза	20
1091	1091	черёмуха	20
1092	1092	осина	19
1093	1093	осина	25
1094	1094	берёза	26
1095	1095	берёза	24
1096	1096	берёза	25
1097	1097	берёза	45
1098	1098	берёза	45
1099	1099	берёза	25
1100	1100	осина	12шт. от 2 до 4м
1101	1101	берёза	38
1102	1102	осина	12
1103	1103	берёза	25
1104	1104	берёза	67
1105	1105	черёмуха	15
1106	1106	берёза	50
1107	1107	берёза	40
1108	1108	осина	5шт от 2 до 3м
1109	1109	берёза	47
1110	1110	берёза	35
1111	1111	берёза	50
1112	1112	берёза	60
1113	1113	осина	8
1114	1114	берёза	40
1115	1115	берёза	61
1116	1116	сухостой	35
1117	1117	сухостой	35
1118	1118	осина	6
1119	1119	осина	12
1120	1120	осина	10
1121	1121	берёза	36

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1122	1122	осина	10
1123	1123	берёза	64
1124	1124	берёза	12
1125	1125	осина	10
1126	1126	осина	12
1127	1127	осина	9шт от 1 до 2м
1128	1128	берёза	60
1129	1129	берёза	54
1130	1130	берёза	40
1131	1131	сухостой	40
1132	1132	берёза	40
1133	1133	куст	1.77
1134	1134	берёза	80
1135	1135	куст	
1136	1136	осина	12
1137	1137	осина	12шт от 3 до 5м
1138	1138	берёза	48
1139	1139	осина	13
1140	1140	берёза	46
1141	1141	куст	
1142	1142	осина	11
1143	1143	куст	
1144	1144	осина	12
1145	1145	осина	18
1146	1146	сухостой	39
1147	1147	осина	7
1148	1148	берёза	15
1149	1149	берёза	58
1150	1150	куст	
1151	1151	куст	
1152	1152	куст	
1153	1153	куст	,
1154	1154	черёмуха	14
1155	1155	берёза	50
1156	1156	куст	
1157	1157	куст	
1158	1158	осина	12
1159	1159	осина	13
1160	1160	берёза	63
1161	1161	осина	17
1162	1162	куст	
1163	1163	куст	
1164	1164	осина	20
1165	1165	осина	10
1166	1166	осина	10
1167	1167	берёза	20
1168	1168	осина	7
1169	1169	осина	14
1170	1170	берёза	19

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1171	1171	осина	14
1172	1172	берёза	12
1173	1173	сухостой	56
1174	1174	берёза	14
1175	1175	куст	
1176	1176	куст	
1177	1177	осина	16
1178	1178	осина	13
1179	1179	берёза	49
1180	1180	куст	
1181	1181	осина	6
1182	1182	сухостой	12
1183	1183	берёза	60
1184	1184	куст	
1185	1185	куст	
1186	1186	берёза	40,52
1187	1187	берёза	52
1188	1188	осина	12шт. от3 до 5м
1189	1189	берёза	43
1190	1190	берёза	23
1191	1191	куст	
1192	1192	берёза	23
1193	1193	берёза	28
1194	1194	ива	9
1195	1195	ива	8
1196	1196	ива	11
1197	1197	берёза	50
1198	1198	сухостой	50
1199	1199	берёза	50
1200	1200	берёза	48
1201	1201	берёза	38
1202	1202	берёза	40
1203	1203	берёза	60
1204	1204	берёза	39
1205	1205	берёза	39,48
1206	1206	осина	7
1207	1207	осина	10
1208	1208	берёза	50
1209	1209	берёза	39
1210	1210	берёза	33
1211	1211	берёза	45
1212	1212	куст	
1213	1213	сухостой	70
1214	1214	сухостой	60
1215	1215	берёза	51
1216	1216	берёза	42
1217	1217	берёза	60
1218	1218	сухостой	10
1219	1219	берёза	46

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1220	1220	берёза	13
1221	1221	осина	15
1222	1222	берёза	50
1223	1223	осина	18шт.от 1 до 3м
1224	1224	берёза	56
1225	1225	куст	
1226	1226	берёза	50
1227	1227	осина	6
1228	1228	осина	10
1229	1229	осина	16
1230	1230	берёза	50
1231	1231	куст	
1232	1232	берёза	74
1233	1233	осина	10
1234	1234	рябина	17
1235	1235	осина	8
1236	1236	куст	
1237	1237	осина	14
1238	1238	осина	29
1239	1239	осина	9
1240	1240	берёза	55
1241	1241	осина	11
1242	1242	осина	23
1243	1243	сухостой	45
1244	1244	берёза	70
1245	1245	берёза	65
1246	1246	сухостой	57
1247	1247	берёза	27
1248	1248	ива	13
1249	1249	ива	17
1250	1250	берёза	50
1251	1251	берёза	50
1252	1252	осина	26
1253	1253	осина	7
1254	1254	сухостой	50
1255	1255	берёза	50,50
1256	1256	сухостой	60
1257	1257	берёза	46
1258	1258	берёза	40
1259	1259	берёза	45
1260	1260	куст	
1261	1261	куст	
1262	1262	берёза	14
1263	1263	куст	
1264	1264	куст	
1265	1265	куст	
1266	1266	куст	
1267	1267	осина	30
1268	1268	сухостой	30

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1269	1269	куст	
1270	1270	куст	
1271	1271	берёза	50
1272	1272	берёза	36,21
1273	1273	куст	,
1274	1274	осина	13

Номера в столбце «№ на плане» соответствуют номерам деревьев на топографическом плане.

Если в одной строке указано два диаметра, соответственно из одного корня растет два ствола.

Составил:

Юрченко Д.С.

Проверил: _____ Пенкин В.

Взам.инв.№		
Подп. и дата		
нв.№ под.		

Изм.	Кол.уч	Лист	№док.	Подпись	Дата

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Приложение Н

АКТ о сдаче геодезических знаков для наблюдения за сохранностью

Акт о сдаче геодезических знаков для наблюдения за сохранностью

«12	>>	abrycion	2020 г.
	_	7	

Томская обл., г. Томск

Я, нижеподписавшийся: Юрченко Д.С. старший геодезист ООО «Сибгеопроект», на основании договора № 101.СГП20.ИИ от 29.07.2020г. по объекту «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 1856» сдал в количестве 3 геодезических знаков (временные репера) и я, нижеподписавшийся: представитель заказчика по доверенности

Алексеев А.А.

Принял на наблюдение за сохранностью геодезические знаки (временные репера) в количестве <u>Зшт.</u>

Список геодезических знаков, принятых для наблюдения за сохранностью:

Система координат - местная, принятая для г. Томска.

Система высот – Балтийская.

Акт составлен в двух экземплярах:

Кол.уч Лист №док. Подпись Дата

N	Наименование пункта	. X	Y	Н Центр/земля
		Закрепленные зн	аки	
1	T28	13971.24	13455.17	165.77
2	T29	13975.15	13425.90	170.24
3	Рп1	13941.81	13430.09	166.74/166.05

	Первый экземпляр вручен Второй экземпляр акта предост	•	нко Д.С. и отчётом в ООО «АТОЛ»
B3aM.ИНВ.№		Сдал: Принял:	Подпись) Алексеев А.А.
. и дата			Caramita de la caramita del caramita de la caramita del caramita de la caramita d

Инв.№ под.

П20 ИГЛИ



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ДОВЕРЕННОСТЬ

Российская Федерация, Томская область, город Томск Девятнадцатое июня две тысячи двадцатого года

ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ "АТОЛ", идентификационный номер налогоплательщика (ИНН юридического лица): 5410081235, основной государственный регистрационный номер (ОГРН): 1195476063529, дата государственной регистрации: 28 августа 2019 года, код причины постановки на учет (КПП): 541001001, адрес юридического лица: 630110, Новосибирская область город Новосибирск, улица Богдана Хмельницкого, дом 60, офис 8. юридическое лицо действует на основании Устава, в лице директора, Терещенко Николая Александровича, 16 марта 2000 года рождения, место рождения: г.Новосибирск Новосибирская обл., гражданство: Российская Федерация, пол. мужской, паспорт 50 20 072735, выданный ГУ МВД России по Новосибирской области 23 марта 2020 года, код подразделения 540-014, проживающего по адресу: Новосибирская область, г.Бердск, ул.Микрорайон, д.48А кв.19, действующего на основании Устава,

настоящей доверенностью уполномочивает

гр. Алексеева Антона Александровича. 22 января 1986 года рождения, место рождения: гор. Новосибирек, гражданство: Россия. пол: мужской. паспорт 50 05 919437, выданный УВД Ленинского района города Новосибирска 21 февраля 2006 года, код подразделения 542-006. проживающего по адресу: Новосибирская область, г.Новосибирск, ул.Краузе, д.19/1 кв.293, представлять интересы Общества в любых органах и организациях, тосударственных и муниципальных, их структурных подразделениях, в любых комитетах, ведомствах, департаментах. их структурных подразделениях, перед любыми физическими и юридическими лицами любой организационно-правовой формы, в том числе в организациях-собственниках систем газоснабжения, поставщиках газа или уполномоченных ими организациях, газотранспортных и газоснабжающих организациях, энергоснабжающих и энергообеспечивающих организациях, территориальных распределительных электросетевых компаниях, территориальных управлениях Федеральной службы государственной регистрации, кадастра и картографии Управления Росреестра, и территориальных отделениях ФГБУ "Федеральная кадастровая палата Федеральной службы государственной регистрации, кадастра и картографии", организациях, уполномоченных на проведение технической инвентаризации (Бюро технической инвентаризации), управлении градостроительства, архитектурно-планировочных управлениях, архивах, налоговых, органах государственного пожарного надзора и госсанэпиднадзора, органах технического надзора, организациях, осуществляющих водоснабжение, водоотведение и других компетентных организациях и учреждениях по всем вопросам, связанным с согласованием проекта, газификацпей и электрификацией, подведением иных коммуникаций в отношении любых принадлежащих Обществу Объектов недвижимости. в том числе зданий, строений, сооружений, земельных участков, с правом согласования любых действий, связанных с вырубкой деревьев на вышеуказанных земельных участках. Для чего предоставляет право проводить необходимые согласования со всеми компетентными учреждениями, организациями и предприятиями, в том числе согласовать условия, сроки строительно-монтажных работ и врезки в магистральный газопровод, водопровод, канализационные сети, технологического присоединения к электрическим сетям, увеличения и перераспределения электрической мощности, представлять и получать любые необходимые документы, в том числе правоустанавливающие и правоподтверждающие документы на имущество, принадлежащее Обществу, технические паспорта на строения, здания, кадастровые паспорта земельных участков, ситуационный план, постановления, разрешения, в том числе на увеличение электрической мощности; представлять и получать любые требуемые документы. дубликаты любых документов, повторные свидетельства, разрешения, согласования, справки. заполнять требуемые бланки и формы, подписывать заявления любой формы и содержания, в том числе акты о технологическом присоединении к электросети, получать технические условия, проектную документацию, документы о расчетах за газ и электричество, согласовывать

3AO «CHETTIO» a Heronofunca 2019 a Vormon «Br

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разработанную проектную документацию на газификацию, заключать за цену и на условиях по настоящего поручения договоры. своему усмотрению необходимые для выполнения дополнительные соглашения к ним, акты приема - передачи, протоколы разногласий, подписывать заявления любой формы и содержания, заполнять требуемые бланки и формы, с правом получения необходимых согласований, постановлений, решений, экспертных заключений, отчетов, расписок в получении указанных документов и решений от органов, осуществляющих согласование, представлять и получать все необходимые для газификации, электрификации, водоснабжения и водоотведения документы, в том числе технический паспорт на строение, выписки из паспортов технического учета, кадастровый паспорт земельного участка, ситуационный план, получения технических условий для осуществления газификации, электрификации, водоснабжения, водоотведения, сетям канализации вышеуказанных объектов недвижимости, проектную документацию, документы по расчетам за поставленный газ, воду и электричество, согласовывать проектную документацию на газификацию, электрификацию, водоснабжение и водоотведение вышеуказанных объектов недвижимости, делать необходимые запросы, подписывать акт ввода в эксплуатацию, иные требуемые документы, управлять указанными объектами недвижимости, заключать и подписывать за цену, сроки и на условиях по своему усмотрению договоры по обслуживанию и предоставлению коммунальных услуг, договоры со специализированной организацией на строительство газопровода, монтаж и техническое обслуживание газопровода, газового оборудования на основании разработанного проекта на поставку природного газа, договоры на оказание услуг по подключения к распределительным сетям, договоры водоснабжающими организациями и организациями, энергоснабжения, договоров с обеспечивающими водоотведение, а также иными коммунальными службами, договор на техническое обслуживание газопровода и газового оборудования, водопровода, электрических сетей и соответствующего оборудования, получения услуг ассенизатора, любые иные предусмотренные законом договоры (соглашения), связанные с подключением вышеуказанной недвижимости к газораспределительным-элетросетям сетям, водоснабжению и водоотведению, дополнительные соглашения к вышуказанным договорам, производить расчеты по заключенным договорам, в том числе связанные с поставкой газа, воды и электричества, водоотведения, канализации, услуг ассенизатора, производить межевание земельных участков, подписывать и представлять проекты территориального землеустройства и акты согласования границ, подписания решения собственника с правом подготовки межевого дела, сдачи землеустроительных дел. с правом выполнения комплекса работ по технической инвентаризации теплотрасс и тепловых вводов с оформлением технических паспортов, постановки на государственный кадастровый учет объектов магистральных тепловых сетей от котельных, с правом подготовки проекта планировки и проекта межевания территории, с правом подписи решения собственника об объединении, присоединении, смежных земельных участков, получать любую информацию о принадлежащих Обществу Объектах недвижимости, вести строительство и ввести в эксплуатацию любой строение, любого назначения, на вышеуказанных земельных участках, производить все действия, связанные со строительством. проектированием и технической подготовкой ввода в эксплуатацию возведенных зданий и иных построек. Для чего предоставляет право проводить согласование со всеми компетентными организациями, учреждениями и предприятиями, в том числе с администрацией МО "Город Томск", получить технический паспорт на строение, кадастровый план земельного участка, любые разрешения, в том числе разрешение на строительство, разрешение на ввод в эксплуатацию, постановления, порубочные билеты, с правом поставить указанную недвижимость на кадастровый учет. производить необходимые расчеты, заключать за цену и на условия по своему усмотрению, в том числе договоров аренды жилых и нежилых помещений, необходимые договоры, зарегистрировать право собственности на недвижимое имущество со служебными помещениями в представлять мои интересы в Управлении Федеральной службы Управлении Росресстра, государственной регистрации, кадастра и картографии по Томской области Управления Росресстра по Томской области, с правом осуществления любых регистрационных действий, получения любой необходимой информации, подавать от моего имени заявления, в случае необходимости, вносить изменения в любые документы, а также в ЕГРН, подавать и подписывать заявление о государственной регистрации, о приостановлении государственной регистрации, получать уведомление об отказе в государственной регистрации, приобщать документы, необходимые для государственной регистрации, исправлять технические ошибки, вносить изменения, в случае возникновения такой необходимости для цели настоящей доверенности, в ЕГРН и правоустанавливающие документы, с правом представлять и получать технический и кадастровый паспорт, выписки их паспортов технического учета, получить выписку из зарегистрированный экземпляр договора, иных предусмотренных законодательством документов о

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Томск

праве на вышеуказанную недвижимость, снимать обременения и ограничения, без права отчуждения вышеуказанных объектов недвижимости во всех вышеуказанных случаях, расписываться, оплачивать государственную пошлину, с правом возврата излишне оплаченных. либо ошибочно уплаченной государственной пошлины, давать согласие на обработку персональных данных, расписываться и выполнять любые иные действия и формальности, связанные с выполнением настоящего поручения.

Доверенность выдана сроком на три года, с запретом на передоверне полномочий по настоящей доверенности другим лицам.

Содержание статей 187-189 Гражданского кодекса Российской Федерации доверителю разъяснено.

Содержание настоящей доверенности доверителю зачитано вслух.

Я, как участник сделки, понимаю разъяснения нотариуса о правовых последствиях совершаемой сделки. Условия сделки соответствуют моим действительным намерениям.

Информация, установленная нотариусом с моих слов, внесена в текст сделки верг

Российская Федерация

Томская область, город Томск

Девятнадцатое июня две тысячи двадцатого года

Настоящая доверенность удостоверена мной, Кропочевой Татьяной нотариусом нотариального округа город Томск. Содержание доверенности соответствует волеизъявлению лица, выдавшего доверенность. Доверенность подписана в моем присутствии. подписавшего доверенность установлена, ero дееспособность проверена. Правоспособность юридического лица и полномочия его представителя проверены.

> Зарегистрировано в реестре: № 70/19-н/70-2020-5-133. Взыскано государственной пошлины (по тарифу): 200 руб. 00 коп. вачено за оказание услуг правового и технического характера: 3450 руб. 00 коп.

> > Т.В.Кропочева

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Графические приложения

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Лист 72



– расположение участка изысканий.

Составил: _____ Юрченко Д.С.

Проверил: ______ Пенкин В.Ю.

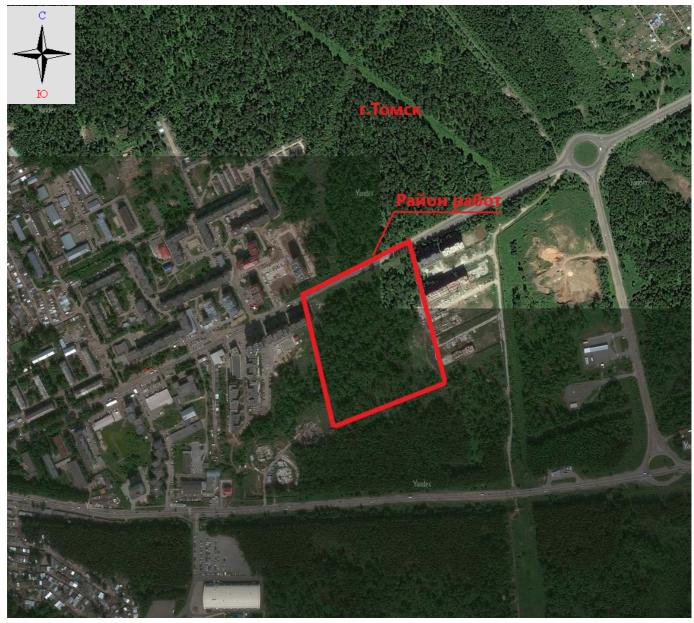
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Приложение Р Ситуационный план района работ



Условные обозначения:

– расположение участка изысканий.

Составил: Мрченко Д.С.

Проверил: ______ Пенкин В.Ю.

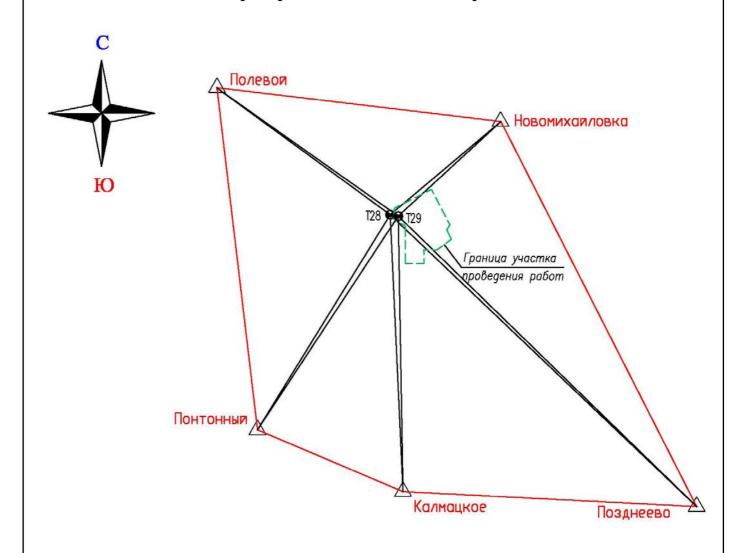
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Приложение С Схема создания планово-высотного и съемочного обоснования совмещенная с картограммой выполненных работ





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Лист

Приложение Т Кроки закрепленных знаков

111

Название пункта: Т28

Производитель работ: ООО «Сибгеопроект»

64.008 mp.

затоплен

Дата: август 2020

Объект: «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 185б»

Описание

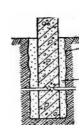
местоположения знака.

Расположен в Томский район, г.Томск. 15,5 м на С-В от водопроводного

16,7м на С-В от угла не жилого строения.

16,5м на С-В от угла не жилого строения.

Внешнее оформление:



Составил:

Юрченко Д.С.

Проверил:

Пенкин В.Ю.



Название пункта: Т29

Производитель работ: ООО «Сибгеопроект»

Дата: август 2020

Взам.инв.№

Подп. и дата

Инв.№ под.

Объект: «Многоквартирное здание, расположенное на земельном участке кадастровый № 70:21:0100087:428 по адресу: г. Томск, ул. Иркутский тракт, 185б»



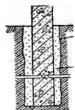
местоположения знака.

Расположен в Томский район, г. Томск 14,8м на С-3 от водопроводного колодца.

27,6м на С-3 от угла не жилого строения.

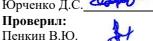
33,4м на С-3 от угла жилого строения.

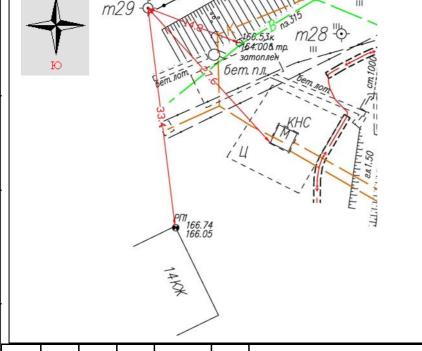
Внешнее оформление



Составил:

Юрченко Д.С.





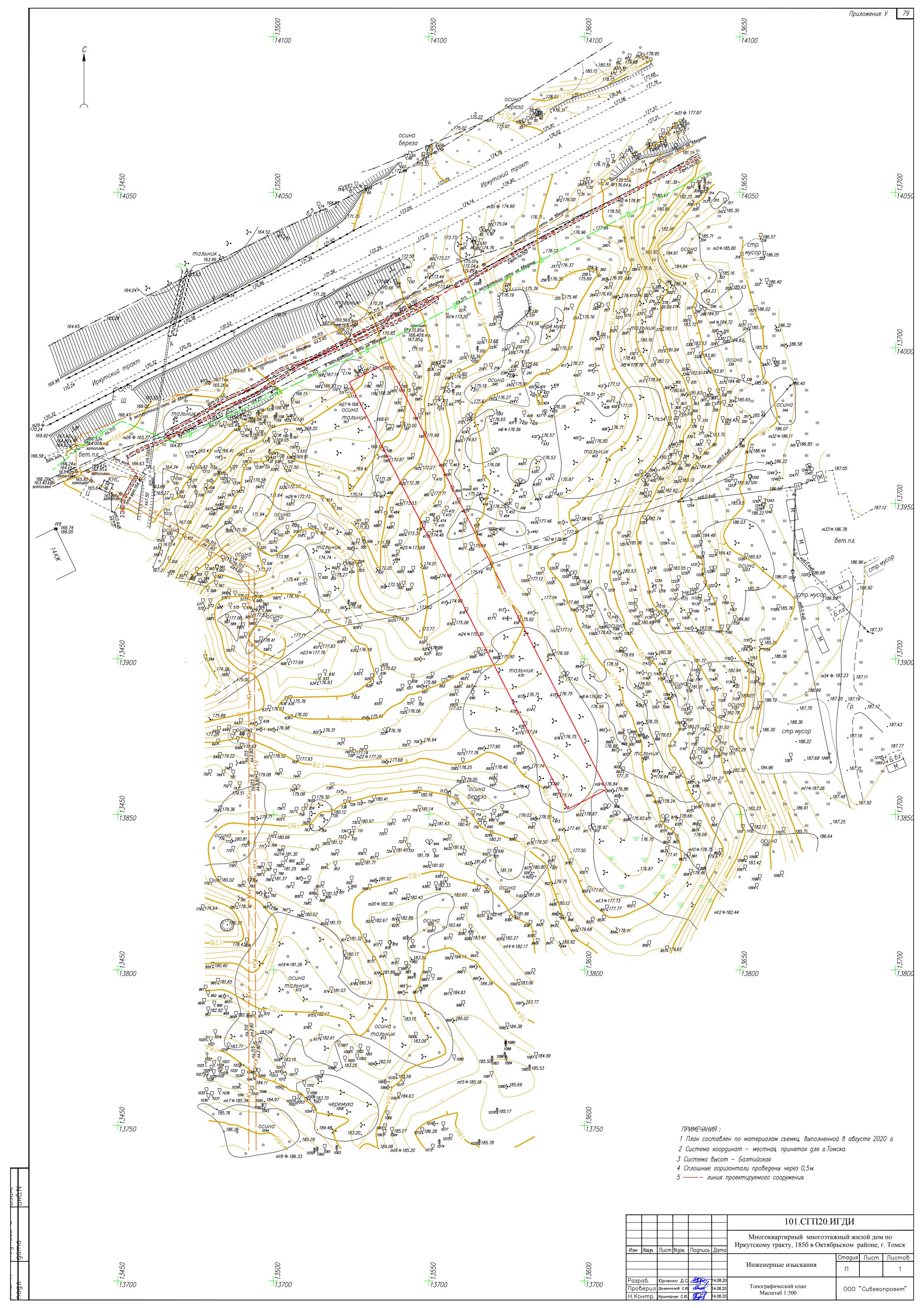
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Объект : «Многоквартирное здание, Название пункта: Рп1 Производитель работ: ООО «Сибгеопроект» расположенное на земельном участке кадастровый № 70:21:0100087:428 по Дата: август 2020 адресу: г. Томск, ул. Иркутский тракт, 185б» Описание местоположения знака. 166.53 k 164.008 mp. Расположен в Томский район, г.Томск 29,7 м на Ю-3 от водопроводного затоплен колодца. бет. пл. 19,3 м на Ю-3 от угла не жилого строения. 20,6м на Ю-3 от угла не жилого строения. Внешнее оформление Составил: $P\Pi1$ Юрченко Д.С. Проверил: Пенкин В.Ю.

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Приложение Ф

Name,Code,Org_Latitude,Org_Longitude,Org_Altitude,Correct_Latitude,Correct_Longitude,Correct_Altitude,Latitude,Longitude,Altitude,AntennaHeight,x,yh,State,Satellite_Lock,Satellite_View.PDOP.HRMS,VRMS,Age,Date,Time,Base_ID,Base_Latitude,Base_Longitude,Base_Distance,CompensationMode,InclineAngle,AzimuthAngle,Correct_x,Correct_h_1,056d31m42.1726800000s,085d03m27.4162320000s,123.125,2.278,14760.

Ведомость оценки точности полевых измерений в режиме RTK

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535.12361.355.159.242.FIXED.16.40.1.100.0.003.0.005.1.2020-08

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31,,056d31m43.1176500001s,085d03m30.1901100001s,125.792,0.000000000000

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482,12416.492,159.589,FIXED,15,41,1.200,0.006,0.009,1,2020-08-

.873.12405.216.159.590.FIXED.15.40.1.300.0.006.0.011.1.2020-08-

.146.12410.222.159.585.FIXED.15.40.1.400.0.005.0.009.1.2020-08-

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1.004,12453.035,159.376,FIXED,10.39,1.300,0.030,0.048,1,2020-08-03,10:12:24,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8950.355,0,0.000000000,270.00000000,0.000,0

.376.12448.766.159.231.FIXED.13.39.1.300.0.008.0.011.1.2020-08-

198 12450 845 159 360 FIXED 940 1 200 0 015 0 026 1 2020-08-

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8.549,12461.801,159.397,FIXED,12,22,1.100,0.017,0.020,1,2020-08-

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Подпись Дата

0,056d31m42.3119460000s,085d03m36.2103720000s,122.967,2.778,1476

03,10:50:06,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8937.120,0,0.00000000,270.00000000,0.000,

3.730,12460.172,160.036,FIXED,11,17,1.600,0.007,0.013,1,2020-08-03,10:54.05.4,056d28m32.43789012008,084d57m01.61591004008,81.034,8937.784,0,0.00000000,270.00000000,0.

03.10:54:33.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.8937.594.0.0.00000000.270.00000000.0.000.0.000.0.000

0.467,12469,248,158.953, FIXED,12,17,1.800,0.008,0.014,1,2020-08-03,10:56:28,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8942.480,0,0.00000000,270.00000000,0.000,0

1.017,12462.287,159.580,FIXED,10,16,1.700,0.021,0.044,1,2020-08-

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Кол.уч Лист №док.

Подпись Дата

163 u 056 d 31 m 42.1899 84000 1 s u 085 d 03 m 35.635 6440000 s u 085 d 40000 s u 085 d 400

 $03,10:55:48,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8947.480,0,0.00000000,270.00000000,0.000,0.000,0.000.0000\\166,056d31m42.1720140000s,085d03m36.0428280001s,125.862,0.00000000000000000000000000,0.00000005,056d31m42.1720140000s,085d03m36.0428280000s,123.084,2.778,1476$

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03,11:24:44,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8923.082,0,0.00000000,270.000000000,0.000

 $0.090, 12486.114, 158.916, FIXED, 15, 18, 1.400, 0.010, 0.015, 1, 2020-08-03, 11:24:50, 4,056d2\\ \text{m}_{32}.4378901200\\ \text{s}_{33}.04457\\ \text{m}_{34}.01.6159100400\\ \text{s}_{34}.034, 8922.275, 0,0.00000000, 270.00000000, 0.0$

0.359,12485.240,159.190,FIXED,15,17,1.400,0.009,0.012,1,2020-08-

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Подпись Дата

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101.СГП20.ИГДИ

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Подпись Дата

03,13:2:53,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9091.545,0,0.00000000,270.00000000,0.000,0

 $9.738, 12662, 933, 162.036, FIXED, 12, 22, 1, 100, 0.019, 0.024, 1, 2020-08-03, 13:3:37.4, 0.056428m32.43789012008, 0.084d5 \\7m01.61591004008, 0.08405, 0.$

3.763,12648.460,161.942,FIXED,16,22,1.100,0.009,0.012,1,2020-08-03,13:4:03,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9048.344,0,0.00000000,270.00000000,0.000,0.000,0.000

9.836.12616.641.161.916.FIXED.15.20.1.200.0.010.0.014.1.2020-08

4.213.12603.276.162.055 FIXED 15.22.1.200.0.008.0.010.1.2020-08

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03,14;16;09,4,056d28m32,4378901200s,084d57m01.6159100400s,81.034,9170.080,0,0.00000000,270.00000000,0.000,

2.829, 12639, 716, 154, 915, FIXED, 14, 20, 1.400, 0.010, 0.013, 1, 2020-08-03, 14:18:31, 4, 056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9184.215, 0, 0.000000000, 270.000000000, 0.000, 0

8.086, 12649, 249, 154, 155, FIXED, 15, 18, 1.500, 0.010, 0.014, 1, 2020-08-03, 14:18:53, 4,056d28m32.4378901200s, 084d57m01.6159100400s, 81.034, 9194.850, 0,0.00000000, 270.00000000, 0.000

1.251.12631.282.154.996.FIXED.15.18.1.400.0.008.0.010.1.2020-08-

6 803 12632 864 155 625 FIXED 15 19 1 500 0 010 0 013 1 2020-08

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Подпись Дата

101.СГП20.ИГДИ

03,14:31:22,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9185.653,0,0.00000000,270.000000000,0.000

 $\frac{4.701,12656.936,155.421,FIXED,9,21,1.300,0.043,0.042,1.2020-08-03,14:31:46,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9178.741,0,0.000000000,270.00000000,0.000,$

 $\frac{4.969,1263,823,155.692,FIXED,8,20,1.300,0.034,0.047,1,2020-08-03,14:32.08,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9176.566,0,0.00000000,270.00000000,0.$

03.14:33:39.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9174.135.0.0.00000000.270.00000000.0.000.0.000.0.000

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Подпись Дата

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Подпись Дата

05,10:22:12.4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9173.606,0,0.00000000,270.000000000,0.000

 $0.135,12690.655,154.910,F1XED,7,9,1.200,0.047,0.066,1.2020-08-\\05,10:25:04,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9175.186,0,0.00000000,270.00000000,0.0$

05.10:25:33.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9174.853.0.0.00000000.270.00000000.0.000.0.000.0.000

9.787,12690.516,154.860,FIXED,9,10,1.200,0.012,0.019,1,2020-08-

8.325.12690.241.154.549.FIXED.7.13.1.300.0.032.0.042.1.2020-08-

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Подпись Дата

 $05, 10:26:15, 4,056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9173.691, 0,0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000\\ 390, 056d31m45, 19656599998, 085d03m48, 38080200018, 122.265, 0.0000000000000000000000000, 0.00000, 0.56d31m45, 19656600008, 085d03m48, 38080200018, 122.265, 0.000000000000000000000000, 0.00000, 0.56d31m45, 19656600008, 085d03m48, 38080200008, 119.487, 2.778, 1485\\ 4.209, 12680, 073, 155, 356, [FIXED, 5, 11], 1.2000, 0.600, 0.047, 1, 2020-08-\\ 5.5, 10:26:35, 4, 056d28m32, 43789012008, 084d57m01.61591004008, 81.034, 9163, 296, 0,000000000, 270, 00000000, 0.000, 0.000, 0.000\\ 391, 056d31m45, 39797400008, 085d03m48, 14278800018, 122.555, 0.00000000000000000, 0.00000000, 0.00000, 0.56d31m45, 39797400008, 085d03m48, 14278800018, 122.555, 0.0000000000000000000000000, 0.000000, 0.00000, 0.00008, 0.85d03m48, 14278800008, 119.777, 2.778, 1486$

05, 10:44:32, 4, 056d28m32.4378901200s, 084d57m01.6159100400s, 81.034, 9153.330, 0, 0.00000000, 270.00000000, 0.

 $\frac{4.070,12660,289,156.784,FIXED,7,10,2.300,0.037,0.060,1,2020-08-05,10:45:33,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9148.199,0,0.00000000,270.00000000,0.000,0$

05.10:46:02.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9148.485.0.0.00000000.270.00000000.0.000.0.000.0.000

0.298, 12696, 066, 153, 989, FIXED, 7, 11, 2.000, 0.022, 0.041, 1, 2020-08-05, 10:48:10, 4, 056d28m32.43789012008, 084d57m01, 61591004008, 81.034, 9172.897, 0, 0.000000000, 270, 000000000, 0.000,

3.697,12660.988,156.506,FIXED,6,10,2.000,0.027,0.044,1,2020-08-

9.221,12688.047,154.442,FIXED,5,12,1,900,0.031,0.063,1,2020-08-

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05, 10:47:01, 4,056d28m32.4378901200s, 084d57m01.6159100400s, 81.034, 9166.104, 0,0.00000000, 270.00000000, 0.00

 $05,11:9:56,4,056d2\\3m32.43789012008,084d57m01.61591004008,81.034,9135.910,0,0.00000000,270.000000000,0.000,0.000,0.000$

 $\begin{array}{l} 5.191, 12695.752, 158.255, FIXED, 3, 8, 1.500, 0.030, 0.052, 1, 2020-08-\\ 05, 11:12:07, 4, 056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9143.440, 0, 0.00000000, 270.00000000, 0.000,$

5.720,12694.565,158.114.FIXED,6,10.2.100,0.021,0.026,1.2020-08-05,11:12:20,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9142.876,0,0.00000000,270.00000000,0.0

3.221,12697.929,158.207,FIXED,7,10,1.500,0.014,0.023,1,2020-08-05,11:12:42,4.056d28m32.4378901200s,084457m01.6159100400s,81.034,9143.826,0,0.00000000,270.00000000,0.000,0.000,0.000

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05,11:26:04,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9155.319,0,0.00000000,270.000000000,0.000

3.210,12713.373,157.959, FIXED, 7,10,1.500,0.023,0.039,1.2020-08-05,11:26:16,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9155.605,0,0.000000000,270.000000000,0.000

 $9.080,12719.252,157.524,FIXED,7.8,1.600,0.013,0.018,1,2020-08-\\05,11:27:15,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9163.882,0,0.00000000,270.00000000,0.0$

05.11:27:31.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9162.168.0.0.00000000.270.00000000.0.000.0.000.0.000

6.965.12707.210.157.829.FIXED.9.10.1.600.0.011.0.017.1.2020-08-

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Подпись Дата

05,12:44:35,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9155.542,0,0.00000000,270.00000000,0.000,

0.134,12718.430,158.169,FIXED,11,22,1.200,0.031,0.035,1,2020-08-05,12:46:19,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9157.483,0,0.00000000,270.00000000,0.

6.335,12725.043,158.199,FIXED,11,21,1.400,0.046,0.045,1,2020-08-05,12:47:57,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9160.087,0,0.000000000,270.000000000,0.000,0.000,0.000

Инв.№ под. Подп. и дата Взам.инв.

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Подпись Дата

5.453,12752.371,158.236,FIXED,6,15,1.600,0.055,0.039,1,2020-08-05,14:10:48,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9154.754,0,0.000000000,270.00000000,0.

3.040.12730.008.159.950.FIXED.11.18.1.300.0.026.0.024.1.2020-08-

6.643,12733.583,159.811,FIXED,11,17,1.400,0.025,0.030,1,2020-08

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Подпись Дата

05,14;27;26,4,056d28m32,4378901200s,084d57m01.6159100400s,81.034,9099.459,0,0.00000000,270.00000000,0.000,

 $2.360, 12719.143, 161.847, FIXED, 10, 20, 1.590, 0.011, 0.015, 1, 2020-08-05, 14:29:21, 4, 056d2\\ \text{sm}32.4378901200\\ \text{s}, 084d57\\ \text{m}01.6159100400\\ \text{s}, 81.034, 9101.662, 0, 0.00000000, 270.00000000, 0.000,$

8.148.12710.644.161.848.FIXED.11.21.1.400.0.031.0.034.1.2020-08-

6.352.12709.337.162.024.FTXED.10.19.1.200.0.049.0.062.1.2020-08-

2 237 12712 796 162 032 FIXED 12 21 1 600 0 015 0 026 1 2020-08

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Подпись Дата

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Подпись Дата

05,14:47:20,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9152.114,0,0.00000000,270.00000000,0.000,

8.788, 12754.213, 159, 147, FIXED, 12, 17, 1.500, 0.014, 0.017, 1, 2020-08-05, 14:48:00, 4,056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9151.906, 0,000000000, 270.00000000, 0.000,

7.198,12749.743,158.600,FIXED,7,16,1.800,0.032,0.033,1,2020-08-05,14:50:00,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9153.856,0,0.00000000,270.00000000,0.0

8.804,12754.855,157,267,FIXED,11,16,1,900,0.012,0.018,1,2020-08-05,14:53:45,4.056d28m32.4378901200s,084d57m01.6159100400s,81.034,9158.804,0.00000000,270.00000000,0.000,0.000,0.000

644.056431m42.1099320000s.085d03m52.7503680000s.124.176.0.00000000000000000000000000000.056d31m42.1099320000s.085d03m52.7503680000s.121.398.2.778.1475

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05.15:35:56.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9153.214.0.0.00000000.270.00000000.0.000.0.000.0.000
 6.365.12772.686.160.591.FIXED.15.22.1.200.0.022.0.040.1.2020-08-
9.431,12775.442,160.965,FIXED,10,16,2.600,0.014,0.042,1,2020-08-05,15:37:02,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9149.510,0,0.000000000,270.000000000,0.000,0.000,0.000
 9.805,12783.557,160.407,FIXED,15,16,1.400,0.012,0.018,1,2020-08-
 5.588,12779,744,161.889, FIXED, 8,19,1.400,0.041,0.045,1,2020-08-05,15:43:10,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9150.384,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0
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 4.953,12766,755,161,511,FIXED,11,19,1,900,0,028,0,057,1,2020-08-
 05, 15: 49: 12, 4, 056 d28 m32. 437890 1200 s, 084 d57 m01. 6159100 400 s, 81.034, 9133. 596, 0, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0
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 8 415 12703 320 162 577 FIXED 12 17 2 100 0 018 0 037 1 2020-08-
0.075,12702.585,162.438,FIXED,12,19,1.500,0.023,0.041,1,2020-08-
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5.001,12776.325,160.399,FIXED,12,18,1.500,0.008,0.014,1,2020-08-05,15:35:47,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9153.735,0,0.000000000,270.000000000,0.000,0.000,0.000

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05.16:8:53.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9097.558.0.0.00000000.270.00000000.0.000.0.000.0.000
                         0.838.12710.960.161.260.FIXED.11.18.1.600.0.016.0.027.1.2020-08-
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                         1.897.12692.093.162.249.FIXED.10.18.2.300.0.022.0.039.1.2020-08
                         1.413,12691.654,161.868,\text{FIXED},11,14,1.700,0.038,0.067,1,2020-08-05,16:19:12,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9079.941,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000
                         9.583,12691.929,162.173,FIXED,14,16,1.100,0.015,0.026,1,2020-08
                         05.16:19:34.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.9078.981.0.0.00000000.270.00000000.0.000.0.000.0.000
                          4.781,12693,480,162,315,FIXED,13,16,1,300,0.015,0.025,1,2020-08-
                         9.931,12696.401,162.428, FIXED, 10,17,1.700,0.033,0.064,1,2020-08-05,16:21:55,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9076.236,0,0.000000000,270.000000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.00
                         1.338,12694,350,162,266,FIXED,13,19,1.500,0.012,0.019,1,2020-08-05,16:22:54,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9069.161,0,0.00000000,270.00000000,0.000,0.000,0.000
                         3.338.12686.374.162.480.FIXED.10.12.2.700.0.039.0.056.1.2020-08
                         05, 16:27:09, 4,056d2\\ 2m32.4378901200\\ s,084d57m01.6159100400\\ s,1034,9064.312,0,0.00000000,270.00000000,0.000,0.000,0.000\\ 727\\ s,056d3\\ 1m39.675947999\\ s,085d03\\ m48.882215999\\ s,129.933,0.00000000000000000,0.0000000000,0.00000,0.0000,0.0000\\ s,127.155,2.778\\ s,1468
                         3.457, 12688.801, 163.024, FIXED, 11, 18, 1.400, 0.020, 0.035, 1, 2020-08-05, 16:27:41, 4,056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9059.859, 0,0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 
                         7.897,12681.608,163.062,FIXED,12,19,1.100,0.024,0.051,1,2020-08
                         5.294.12671.937.163.299.FIXED.13.19.1.400.0.015.0.023.1.2020-08-
                         05,16:30:55,4,056d28m32,4378901200s,084d57m01.6159100400s,81.034,9041.676,0,0.000000000,270.00000000,0.000,0.000,0.000\\731,056d31m39.2016240001s,085d03m47.9244600000s,127.501,2.778,1466
                        5.325,12677.527,163.382,FIXED,15,19,1.400,0.023,0.020,1,2020-08
                         3.510.12675.174.162.610.FIXED.13.19.1.300.0.016.0.032.1.2020-08-
                         0.5, 16:33:23, 4, 0.56d28m32.4378901200s, 0.84d57m01.6159100400s, 81.034, 9055.821, 0.000000000, 270.000000000, 0.000, 0.000, 0.000\\735, 0.56d31m40.190999999s, 0.85d03m48.7735139999s, 128.937, 0.0000000000000000, 0.000000000000, 0.000000, 0.56d31m40.1910000000s, 0.85d03m48.7735140000s, 126.159, 2.778, 1469
                         9.386, 12686, 928, 162.028, FIXED, 8, 16, 1.600, 0.063, 0.066, 1, 2020-08-05, 16:33:52, 4, 056d28m32.4378901200s, 084d57m01.6159100400s, 81.034, 9068.607, 0, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000
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8.415,12705.130,162.327,FIXED,12,15,1.500,0.018,0.030,1,2020-08-05,16:4:19,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9081.975,0,0.000000000,270.000000000,0.000,0

4.163,12697.421,161.788,FIXED,12,15,1.800,0.014,0.022,1,2020-08-05,16:7:28,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9092.542,0,0.00000000,270.00000000,0.000,0.000,0.000

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05,16:36:44,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9070.107,0,0.00000000,270.00000000,0.000,

 $6.459, 12671.753, 162.476, FIXED, 8, 18, 1.500, 0.042, 0.066, 1, 2020-08-05, 16:43:00, 4, 056d2\\ \text{sm}32.43789012008, 084d57m01.61591004008, 81.034, 9061.499, 0, 0.00000000, 270.00000000, 0.000, 0$

 $\frac{7.824.12670.750.162.349.FIXED.12.15.1.300.0.012.0.019.1.2020-08-05.16:44.04.4,056d28m32.4378901200s,084d57m01.6159100400s,81.034.9061.604.0,0.000000000,270.000000000,0.00$

9.175.12680.995.162.184.FIXED.10.18.1.500.0.021.0.026.1.2020-08-

1.880 12678 880 162 174 FIXED 10.15 1.600 0.051 0.056 1.2020-08

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06, 10:9:56, 4,056d28m32.43789012008, 084d57m01.61591004008, 81.034,9032.207, 0,0.000000000, 270.000000000, 0.000, 0.000, 0.000, 0.000\\779, 056d31m38.15402999998, 085d03m49.26920400008, 130.263, 0.000000000000000000000000000, 0.0000000, 0.56d31m38.15403000008, 085d03m49.26920400008, 127.485, 2.778, 14636.387, 12695.459, 163.354, FIXED, 9,13,1.200, 0.016, 0.018, 1,2020-08-
06, 10:10:09, 4.056d28m32.4378901200s, 084d57m01.6159100400a, 81.034, 9034, 979, 0,0.00000000, 270,00000000, 0.000, 0.000, 0.000, 0.000\\780, 056d31m38.1951180001s, 085d03m49.3633440000s, 130.224, 0.0000000000000000000000000, 0.0000000, 0.56d31m38.1951180000s, 085d03m49.3633440000s, 127.446, 2.778, 14637.660, 12697.068, 163.315, FIXED, 5,13,1.100, 0.016, 0.021, 1,2020-08-
5.734,12702.586,163.405,FIXED,8,13,1,500,0,023,0,043,1,2020-08-
3.635,12701.007,163.555,FIXED,8,14,1.200,0.017,0.035,1,2020-08-06,10:12:21,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9037.514,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.0
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9.192,12704,180,163.814,FIXED,7,13,1.300,0.012,0.021,1.2020-08-06,10:13:35,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9037.144,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.0
06, 10:16:05, 4, 056d2\\ \text{sm}32.4378901200\\ \text{s}, 084d5\\ \text{fm}01.6159100400\\ \text{s}, 81.034, 9032.659, 0,0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.0000 \\ \text{792}\\ \text{s}056d3\\ \text{1m}37.1570160000\\ \text{s}, 085d03\\ \text{m}50.4937320000\\ \text{s}, 130.687, 0.0000000000000000, 0.00000000000, 0.0000, 0.0000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.
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06,10:29:37,4,056d2sm32,4378901,200s,084d57m01.6159100400s,81,034,9045,168,0,0.00000000,270,00000000,0.000,0.000,0.000
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06, 10:5:08, 4, 056d28m32.4378901200s, 084d57m01.6159100400s, 81.034, 9041.723, 0, 0.00000000, 270.00000000, 0.0

5.839, 12682.615, 163.156, FIXED, 8, 12.1.200, 0.010, 0.018, 1, 2020-08-06, 10:7:36, 4, 0.56d28m32.43789012008, 0.84d57m01.61591004008, 81.034, 9043.846, 0, 0.000000000, 270.000000000, 0.00

 $\frac{6.583,12677.871,163.975,FIXED,9,14.1.200,0.007,0.010,1.2020-08-06,10:8:18,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9027.912,0,0.00000000,270.00000000,0.$

9.824,12688,246,163.618,FIXED.8,131,1200,0.012,0.021,1,2020-08-06,10:9:14,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9031.603,0,0.00000000,270.00000000,0.000,0.000,0.000

2.371.12700.647.163.056.FIXED.9.13.1.200.0.037.0.058.1.2020-08-

8.160,12705.677,162.747,FIXED,6,9,1.500,0.012,0.016,1,2020-08-

9.223,12697.587,162.825,FIXED,8,11,1.300,0.009,0.014,1,2020-08

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 $06, 10:6:48.4, 056428m32.43789012008, 084457m01.61591004008, 81.034, 9051.154, 0,0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000\\772, 056431m39, 03560400008, 085403m49, 02558000018, 129.936, 0.0000000000000000000000000000, 0.000000, 0.56431m39, 03560400008, 085403m49, 02558000008, 127.158, 2.778, 1466\\3.652, 12691.270, 163.027, FTXED, 6, 13, 1, 200, 0.014, 0.035, 1, 2020-08-\\6, 10:7:06, 40.56428m32.43789012008, 084457m01.61591004008, 81.034, 9049.112, 0,0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000\\773, 056431m39, 10657199998, 085403m48.51941400008, 130.065, 0.00000000000000000000000000, 0.000000, 0.0000, 0.000, 0.000, 0.085403m48.51941400008, 127.287, 2.778, 1466$

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06,10:52:36,4,056d2\$m32.43789012008,084d57m01.61591004008,\$1.034,9115.170,0,0.00000000,270.000000000,0.000,0.000,0.000

 $\frac{5.552,12799,954,159470,FTXED,13,17,2.000,0.012,0.021,1,2020-08-06,10:53:19,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9109.021,0,0.00000000,270.00000000,0.000,0$

6.834,1276.972,159,307,FIXED,10,15,2.000,0.014,0.026,1,2020-08-06,10:53:39,4.056d28m32.4378901200s,084d57m01.6159100400s,81.034,9107.511,0,0.00000000,270.00000000,0.000,0.000,0.000

6.024,12798.064,158.663,FIXED,12,18,2.000,0.021,0.031,1,2020-08-

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06,11:31:22.4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9109.996,0,0.00000000,270.00000000,0.000,

3.445,12807.687,160.072,FIXED,11,18,2.000,0.012,0.014,1,2020-08-06,11:33:28,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9113.708,0,0.00000000,270.00000000,0.

8.736, 12800.796, 160.276, FIXED, 13.20, 1.600, 0.013, 0.014, 1.2020-08-06, 11:34:20, 4,056d28m32.43789012008, 084d57m01.61591004008, 81.034, 9105.391, 0,0.00000000, 270.00000000, 0.

1.549.12807.938.160.396.FTXED.10.18.1.500.0.018.0.026.1.2020-08-

2 298 12805 399 160 320 FIXED 7 19 1 500 0 036 0 075 1 2020-08

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6.842,12769.453,160.984,FIXED,9,16,1.500,0.019,0.016,1.2020-08-06,11:52:01,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9067.258,0,0.000000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.
\frac{7.467,12771,780,160,932,FIXED,11,17,2.100,0.034,0.024,1,2020-08-06,11:52:16,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9069.460,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,
0.604,12769.069,161.097,FIXED,9,171,400,0.029,0.039,1,2020-08-06,11:52:49,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9063.036,0,0.00000000,270.00000000,0.000,0.000,0.000
06,11:54:15,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9072.574,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000\\909,056d31m36.7432979999s,085d03m54.2381400000s,127.365,0.000000000000000000000000000,0.000000,0.56d31m36.7432980000s,085d03m54.2381400000s,124.587,2.778,1459
2.831.12780.444.160.456.FIXED.11.16.1.400.0.020.0.033.1.2020-08-
6.961,12780.171,160.492,FIXED,13,17,1.500.0.017,0.025,1,2020-08-06,11:55:48,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9075.663,0,0.000000000,270.00000000,0.000,0.000,0.0000\\911,056d31m36.95401200008,085d03m54.20982600008,127.540,0.000000000000000000000000000,0.0000,0.000,0.000,0.0008,085d03m54.20982600008,124.762,2.778,1459
9.348,12779.954,160.631,FIXED,9,19,1,800,0.022,0.021,1,2020-08-06,11:56:19,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9076.995,0,0.000000000,270.00000000,0.000,0.000,0.0000000009099998,085d03m54.00047999998,127.663,0.000000000000000000000000000,0.0000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,
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4.640,12763.122,161.011,FIXED,11,15,2.000,0.011,0.014,1,2020-08

2.960.12761.181.161.007.FIXED.11.18.1.500.0.015.0.023.1.2020-08-

1.055 12762 736 160 872 FIXED 7.16 1 400 0 027 0 037 1 2020-08

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06,13:11:02.4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9057.920,0.000000000,270.000000000,0.000,

 $\frac{2.594,12747,188,162.659,FIXED,5,11,1.600,0.019,0.026,1,2020-08-06,13:12:42,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9047.297,0,0.00000000,270.00000000,0.000,0$

2.564,12756.011,162.019,FIXED,6,10,1.700,0.013,0.018,1,2020-08-

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101.СГП20.ИГДИ

06,13:31:30.4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9055.349,0,0.00000000,270.00000000,0.000,

9.693,12762.087,161.390,FIXED,9,11,1.600,0.026,0.030,1.2020-08-06,13:32:15.4,056d28m32.43789012008,084d57m01.61591004008,81.034,9050.749,0,0.000000000,270.00000000,0.

2.803,12771.777,160.794,FIXED,7,10,2.200,0.018,0.029,1,2020-08-06,13:34:19,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9060.238,0,0.000000000,270.000000000,0.000,0.000,0.000

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\frac{1.557,12786,665,160,305,F1XED,8,9,1.600,0.016,0.021,1,2020-08-06,14:47.26,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9064.772,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.
9.605,12787,034,160,268,FIXED,4,12,2,100,0.049,0.067,1,2020-08-06,14:47:37,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9063.837,0,0.00000000,270.00000000,0.000,0.000,0.000
06, 14:48:32.4, 056d28m32.4378901200 s, 084d57m01.6159100400 s, 81.034, 9060.380, 0, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0
75.980.12774.403.160.812.FIXED.5.10.1.900.0.036.0.039.1.2020-08-
\frac{63.129,12777.192,160.622,FIXED,6,10,1.800,0.029,0.045,1,2020-08-06,15:1:43,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9052.110,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0
74.448.12766.535.165.415.FIXED.6.9.1.300.0.023.0.034.1.2020-08-
65.759.12762.820.161.358.FIXED.5.10.1.400.0.015.0.024.1.2020-08-
64.771.12766.108.161.450.FIXED.9.13.1.400.0.022.0.045.1.2020-08-
1026,0503 lm35,9943840001s,085d03m52.4609399999s,129.392,0.00000000000000000,0.0000,0.000,0.000,0.000,0.000,0.000,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,0.005,
\frac{69.637,12750.084,162.483,FIXED,10,12,1.300,0.008,0.012,1.2020-08-06,15:19:24,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9035.100,0,0.000000000,270.000000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.0
64.269,12750.235,162.445,FIXED,8,12,1.300,0.015,0.024,1,2020-08-06,15:19:45,4,056d2sm32.4378901200s,084d57m01.6159100400s,81.034,9031.845,0,0.00000000,270.00000000,0.000,0.000,0.000
59,781,12746.376,162.686,FIXED,5,10,1,600,0.028,0.042,1,2020-08-
06,15:22:22,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9026.023,0,0.00000000,270.00000000,0.000,0.000,0.000
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3.316,12796.134,160.576,FIXED,6,10,1.400,0.016,0.020,1,2020-08-06,14:43:13,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9066.998,0,0.000000000,270.000000000,0.000,0

1.320.12799.264.160.423.FIXED.5.9.2.000.0.020.0.024.1.2020-08-

6.677,12801.565,160.556,FIXED,7,9,1.500,0.014,0.019,1,2020-08

Взам.инв.

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Изм.

Кол.уч Лист №док.

Подпись Дата

 $06, 14:41:21,4056d28m32.43789012008,084d37m01.61591004008,81.034,9079.595,0.0.00000000,270.00000000,0.000,0.000,0.000.0000\\996,056d31m35.94266400008,085d03m55.48721400008,127.598,0.000000000000000000000000000,0.00000,0.56d31m35.94266400008,085d03m55.48721400008,124.820,2.778,1456\\8.086,12801.820,160.689,FIXED,7,11,1.400,0.010,0.013,1,2020-08-\\6.14:42:40,40.56d28m32.43789012008,084d57m01.61591004008,81.034,9074.418,0.00000000,270.0000000,0.000,0.000,0.000\\997,056d31m35.78863800008,085d03m55.15433399998,127.4856.00000000000000000000000000,0.00000,0.000,0.000,0.000,0.000,0.085d03m55.15433400008,124.707,2.778,1456$

Изм.

Кол.уч Лист №док.

Подпись Дата

101.СГП20.ИГДИ

06,15:55:18,4,056d2\$m32.43789012008,084d57m01.61591004008,\$1.034,9012.518,0,0.00000000,270.000000000,0.000,0.000,0.000

50.079,12742.194,163.339,FTXED,6,9,1,900,0.018,0.034,1,2020-08-06,15:56:24,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,9016.682,0,0.00000000,270.00000000,0.000,0.000,0.000

06,16:2:25,4,056428m32,4378901200s,084457m01,6159100400s,81.034,9021,975,0,0.00000000,270.00000000.0.000.0.000.0.000

60.816,12743.615,162.755,FIXED,6,12,1.900,0.040,0.068,1,2020-08-

Взам.инв.

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Кол.уч Лист №док.

Подпись Дата

 $1060, 056d3 \, \mathrm{Im} 35.756298000 \, \mathrm{Is}, 085603 \, \mathrm{m} 51.8732280000 \, \mathrm{s}, 103.205, 0.0000000000000000000000000000, 0.0000000, 0.56d3 \, \mathrm{Im} 35.756298000 \, \mathrm{s}, 085603 \, \mathrm{m} 51.8732280000 \, \mathrm{s}, 127.427, 2.778, 14562.263, 12740.044, 163.296, FLXED, 4, 10, 1.900, 0.024, 0.044, 1, 2020-08-06, 161:126, 4,056d28 \, \mathrm{m} 32.437890 \, \mathrm{1200s}, 084d5 \, \mathrm{m} 01.6159 \, \mathrm{100400s}, 81.034, 9022.660, 0.000000000000000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000, 0.0000, 0.$

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90.707,12602.114,162.076,FIXED,9,12,1.500,0.042,0.054,1,2020-08-09,9:40:47,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8998.041,0,0.000000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.
1094, 056d3 \\ 1m39.7125959999, 085d03 \\ m44.3913419999, 129.662, 0.0000000000000000, 0.00000000000, 0.056d3 \\ 1m39.71259600008, 085d03 \\ m44.39134200008, 126.884, 2.778, 146.84.520, 12612.029, 162.753, FIXED, 7,15, 1.200, 0.017, 0.025, 1,2020-08-09, 9:42:12, 4,056d28 \\ m32.43789012008, 084d57 \\ m01.61591004008, 81.034, 9001.646, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000.
62.455.12645.964.163.737.FIXED.8.14.1.200,0.016.0.026.1.2020-08-
57.678, 12649.558, 164.082, FIXED.8, 16, 1.400, 0.016, 0.031, 1,2020-08-09, 9:48:02.4, 0.56d28m32.43789012008, 0.84d57m01.61591004008, 81.034, 9013.212, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0
56.133,12667.566,164.038,FTXED,7,12,2.000,0.014,0.023,1,2020-08-09,9:49:31,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9026.072,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.0
35.595.12668.350.164.733.FIXED.9.13.1.200.0.012.0.016.1.2020-08-
31.021.12662.247.164.879.FIXED.11.13.1.300.0.014.0.017.1.2020-08-
\frac{24.621,12667.603,164.924,171XED,9,13,1.100,0.009,0.011,1,2020-08-09,10:2:37,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9006.012,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,
19.478,12664.129,164.910,FTXED,7,14,1.800,0.024,0.039,1,2020-08-09,10:3:32,4,056d28m32.43789012008,084d57m01.61591004008,81.034,9000.059,0,0.000000000,270.00000000,0.000,0.000,0.000
24.421,12659.069,164.675,FTXED,9,15,1.500,0.016,0.023,1,2020-08-
09,10:4:10,4,056d28m32.4378901200s,084d37m01.6159100400s,81.034,8999.304,0,0.00000000,270.00000000,0.000,0.000,0.000
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93.174.12609.588.162.265.FIXED.10.15.1.400.0.012.0.021.1.2020-08-

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89.434,12608.504,162.478,FIXED,10,12,1.300,0.018,0.028,1,2020-08-

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Подпись Дата

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Изм.

Кол.уч Лист №док. Подпись Дата

09,10:38:33,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8969.972,0,0.00000000,270.000000000,0.000

 $75.672,12572.715,160.387,FIXED_{1}1,17,2.000,0.015,0.019,1.2020-08-09,10:38:57,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8965.867,0,0.000000000,270.00000000,0.00$

09.10:45:48.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.8961.702.0.0.00000000.270.00000000.0.000.0.000

78.249,12565.097,160.284,FIXED,13,14,1.600,0.012,0.018,1,2020-08

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Подпись Дата

Изм.

Кол.уч Лист №док.

Подпись Дата

101.СГП20.ИГДИ

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35.908.12627.335.163.855.FIXED.13.18.1.300.0.010.0.018.1.2020-08-
26.704.12620.958.163.757.FIXED.13.17.1.500,0.010,0.019.1.2020-08-
04.881,12614.624,164.816,FIXED,8,14,2.590,0.021,0.031,1,2020-08-09,13:27:56,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8952.608,0,0.000000000,270.00000000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0.000,0
05.598.12641.172.164.419.FTXED.14.16.1.500.0.010.0.017.1.2020-08-
16.954,12629.237,164.103,FTXEID,12,161.700,0.013,0.018,1,2020-08-09,13:35:41,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8971.559,0,0.00000000,270.00000000,0.000,0.000,0.000
09.856.12609.073.164.499.FIXED.11.15.1.700.0.014.0.025.1.2020-08-
04 433 12607 576 164 502 FIXED 13 16 1 500 0 012 0 018 1 2020-08
09, 13: 43: 52, 4, 056 d28 m32. 4378901200 s, 084 d57 m01. 6159100400 s, 81. 034, 8946. 896, 0, 0.00000000, 270.00000000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.000, 0.0
                                                                                                                   0s,085d03m44.0752860000s,128.608,2.778,146
                                                                                                                   0s.085d03m43.7717460000s.128.485.2.778.146
                                                                                                                   0s.085d03m43.9270320000s.128.563.2.778.145
                                                                                                                   0s.085d03m44.0329440000s.128.770.2.778.145
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Подп. и дата	$1247,056d3 \mathrm{Im}36.8205060008,085d03 \mathrm{m}44.34659399998,131.693,0.00000000000000000000000000000000000$

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09,13:47:49,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8950.644,0,0.00000000,270.000000000,0.000

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09.13:59:09.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.8947.660.0.00000000.270.00000000.0.000.0.000.0.000

85.175.12617.750.164.378.FIXED.12.20.1.300.0.012.0.013.1.2020-08

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101.СГП20.ИГДИ

 $87.597,12571.654,164.003, FIXED,13,17,1.400,0.008,0.017,1,2020-08-09,15:10:14,4,056d2\\ \text{sm}32.4378901200\\ \text{s},084d57\\ \text{m}01.6159100400\\ \text{s},81.034,8908.503,0,0.00000000,270.00000000,0.000,0.000,0.000,0.000}$

78.738,12569.982,164.146,FTXED,11,18,1.500,0.013,0.023,1.2020-08-09,15:14:21,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8901.557,0,0.00000000,270.00000000,0.000,0

95.672.12593.270.164.405.FIXED.9.14.1.700.0.018.0.022.1.2020-08

94.821,12582,776,164.330,FIXED,10,19,1.400,0.009,0.014,1,2020-08-

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09,16:19:24,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8916.594,0.000000000,270.000000000,0.000,07.664,12565.356,163.093,FIXED,10,14,1.300,0.009,0.015,1,2020-08-09,16:19:59,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8916.508,0.000000000,270.000000000,0.000,0 $\frac{06.092,12563.914,163.088,FIXED_{10},11,1,600,0.042,0.069,1,2020-08-}{09,16:27:01,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8914.395,0,0.00000000,270.00000000,0.000,0.000,0.000}$ 09.16.27:41.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.8910.494.0.0.00000000.270.00000000.0.000.0.000.0.000 10.365,12556.876,162.867,FIXED,9.15,1.300,0.020,0.036,1,2020-08-09,16:29:25,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8911.733,0,0.000000000,270.00000000,0.000,00.8.616,12256.363,163.577; FIXED,12,14,1.300,0022,0.031,1,2020-08-09,16:29:40,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8910.223,0,0.00000000,270.00000000,0.000,17.048,12556.115,162.949,FIXED.8,11,1.500,0.035,0.054,1,2020-08- $16.684,12555.649,162.849,FIXED,11,14,1.800,0.020,0.025,1,2020-08-09,16:33:19,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8914.851,0,0.000000000,270.00000000,0.000,0.000,0.000\\1323,056d31m37.48640999998,085d03m41.04249000018,129.726,0.000000000000000,0.000000000000,0.0000,0.000,0.000,0.85d03m41.04249000008,126.948,2.778,146$ 15.610,12554.843,162.817,FIXED,10,15,1.400,0.022,0.032,1,2020-08-09,16:34:29,4,056d28m32.43789012008,084d57m01.61591004008,81.034,8913.542,0,0.000000000,270.00000000,0.000,0.000,0.000 16.512,12552.981,162.722,FIXED,11,16,1.400,0.033,0.044,1,2020-08-09.16:34:47.4.056d28m32.4378901200s.084d57m01.6159100400s.81.034.8912.693.0.0.00000000.270.00000000.0.000.0.000 12.901,12546.599,162.372,FIXED,9,12,1.600,0.016,0.028,1,2020-08-17.038,12549.765,162.484,FIXED,12,16,1.300,0.012,0.017,1,2020-08-09,16:37:00,4,056d28m32.4378901200s,084d57m01.6159100400s,81.034,8910.566,0,0.00000000,270.00000000,0.000,0.000,0.000 18.193,12548.478,162.355,FIXED,8,16,1.400,0.024,0.029,1,2020-08-09,16:37:10,4.056d28m32.4378901200s,084d57m01.6159100400s,81.034,8910.322,0,0.00000000,270.00000000,0.000,0.000,0.000

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Таблица регистрации изменений

	Таблица регистрации изменений										
Изм.		Номера листон	з (страниц)		Всего листов (страниц) в док.	Номер док.	Подп.	Дата			
	изме- ненных	заме- ненных	новых	аннули- рованных							

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Инв	Изм.	Кол.уч	Лист	№док.	Подпись	Дата	101.СГП20.ИГДИ	121

