RAW

0140031060412099A14E68210E00300ED070A0FF4ED05E0633000000003430003506400 80A41265E423E0F450F0046030050025E51565E5200005300005400005500 00D4D9550000E200000000E300000000E400000000E500000000E600000000E700000000E800000000E900000000FE60
000100203C0300020000000000030000000000400000000005000000000060000000000700000000008000000000090000000000A000000000B000000000C000000000D000000000E000000000F000000000010000000000105F41207BA14E68211000300DD070A0FF
4ED05E0633000000003430003507400 80A412C5E423E0F450F0046030050135E517D5E5200005300005400005500 00D4D9550000E200000000E300000000E400000000E500000000E600000000E700000000E800000000E900000000FE60000100E810020002000000000030000000004
0000000000500000000006000000000007000000000800000000009000000000A000000000B000000000C000000000D000000000E000000000F000000000100000000000105E41205DA14E68211400300DD070A0FF4ED05E0633000000003430003507400 80A413A5E
423A0F450F00460300501D5E51885E5200005300005400005500 00D4D9550000E200000000E300000000E400000000E500000000E600000000E700000000E800000000E900000000FE60000100783E0300020000000000030000000004000000000050000000000600000000007000000
0000008000000000090000000000A000000000B000000000C000000000D000000000E000000000F000000000100000000000105D41203FA14E68211500300ED070A0FF4ED05E0633000000003430003507400 80A41235E423A0F450F0046030050F05D515B5E52000053000
0540000550000D4D9550000E200000000E300000000E400000000E500000000E600000000E700000000E800000000E900000000FE60000100143E0300020000000000030000000004000000000050000000000600000000007000000000080000000009000000000A0000000000
0B00000000000C0000000000D00000000000E00000000000F00000000001000000000D092

					byte length
Header	**01**	**Header**			**2**
Packet Length	4003	**Packet Length**			
Tag	10	**Number of an archive record**		Unsigned integer	**2**
Tag Value	6041	Little Endia 4160	**16736**		
Tag	20	**Date and time**		Unsigned integer, seconds since 1970-01-01 00:00:00 GMT	**4**
Tag Value	99A14E68	Little Endia 684EA199	1749983641 (UNIX TIME)	15/06/2025 10:34:01	
Tag	21	**Milliseconds**		Unsigned integer, the number of milliseconds (0 to 999) completes the date and time value	**2**
Tag Value	0E00	Little Endia 000E			
Tag	30	**Coordinates in degrees, number of satellites, indication of coordinates, determination correctness, and source of coordinates**		4 lower bits: number of satellites.The next 4 bits: coordinates correctness,0 – coordinates are correct, GLONASS/GPS module is a source,cellular base stations are a source,other values – coordinates are incorrect.The next 4 bytes: signed integer,latitude, the value should be divided by 1000000, negative values correspond to western longitude. The next 4 bytes: signed integer,longitude, the value should be dividedby 1000000, negative values correspond to western longitude.For example, received:07 C0 0E 32 03 B8 D7 2D 05.Coordinates correctness:0 (coordinates are correct).Satellites number: 7 Latitude: 53.612224 Longitude: 86.890424	**9**
Tag Value	0ED070A0FF4ED05E06	Little Endia 065ED04EFFA070D00E	**065ED04EFFA070D00E**	Number of Satelites : 14, Coordinate correctness : 0 (correct), Latitude : -6.262576 , Longitude : 106.877006	
Tag	33	**Speed in km/h and direction in**		2 lower bytes: unsigned integer, speed, the value should be divided by 10. 2 higher bytes: unsigned integer, direction, the value should be divided by 10. For example, received: 5C 00 48 08. Speed: 9.2 km/h. Direction: 212 degrees.	**4**
Tag Value	00000000	Little Endia 00000000		**value 0**	
Tag	34	**Height, m**		Signed integer	**2**
Tag Value	3000	Little Endia 0030	48	value: 48	
Tag	35	**One of the values: HDOP, if GLONASS/GPS module is coordinates source Error in meters, if cellular base stations are a source.**		Unsigned integrer. In case of HDOP, the value should be divided by 10. In case of error, the value should be multiplied by 10.	**1**
Tag Value	06	Little Endia 06	**6**	value: 6	
Tag	40	**Status of device**		Unsigned integer, each bit corresponds to a separate unit state, see explanations	**2**
Tag Value	080A	Little Endia 0A08			
Tag	41	**Supply voltage, mV**		Unsigned integer	**2**
Tag Value	265E	Little Endia 5E26	**24102**	value: 24102	
Tag	42	**Battery voltage, mV**		Unsigned integer	**2**
Tag Value	3E0F	Little Endia 0F3E	**3902**	value: 3902	
Tag	45	**Status of outputs**		Each bit, beginning with the lower one, indicates the state of a correspondent, output	**2**
Tag Value	0F00	Little Endia 000F	**0000000000001111**	**Out0 : 1, Out1 :1, Out2:1, Out3:1**	
Tag	46	**Status of inputs**		Each bit, beginning with the lower one, indicates triggering on a correspondent input	**2**
Tag Value	0300	Little Endia 0003	**0000000000000011**	Input0 : 1, Input1 : 1, Input2 : 0, Input3 : 0, Input4 : 0, Input5 : 0, Input6 : 0	
Tag	50	**Input voltage 0**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	025E	Little Endia 5E02	**24066**	value: 24066	
Tag	51	**Input voltage 1**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	565E	Little Endia 5E56	**24150**	value: 24150	
Tag	52	**Input voltage 2**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	53	**Input voltage 3**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	54	**Input 4 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	55	**Input 5 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	D4	**Total mileage according to GPS/GLONASS units data, m.**		Unsigned integer	**4**
Tag Value	D9550000	Little Endia 000055D9	**21977**	value: 21977	
Tag	E2	**User data 0**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E3	**User data 1**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E4	**User data 2**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E5	**User data 3**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E6	**User data 4**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E7	**User data 5**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E8	**User data 6**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E9	**User data 7**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	FE	**Extended tags**		Length is determined by the content of the tag	**1**
Tag Value	60	1	1	Unsigned integer	
Tag	**0001**	**Tag Modbus 0**		**The result value must be divided by 100**	**4**
Tag Value	00203C03	Little Endia 033C2000	54272000	value: 542720	
Tag	0002	Tag Modbus 1		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0003**	**Tag Modbus 2**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0004	Tag Modbus 3		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0005**	**Tag Modbus 4**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0006	Tag Modbus 5		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0007**	**Tag Modbus 6**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0008	Tag Modbus 7		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0009**	**Tag Modbus 8**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000A	Tag Modbus 10		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000B**	**Tag Modbus 11**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000C	Tag Modbus 12		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000D**	**Tag Modbus 13**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000E	Tag Modbus 14		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000F**	**Tag Modbus 15**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0010**	**Tag Modbus 9**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
	00				
Tag	10	**Number of an archive record**		Unsigned integer	**2**

Tag Value	5F41	Little Endia 415F	**16735**		
Tag	20	**Date and time**		Unsigned integer, seconds since 1970-01-01 00:00:00 GMT	**4**
Tag Value	7BA14E68	Little Endia 684EA17B	1749983611 (UNIX TIME)	15/06/2025 10:33:31	
Tag	21	**Milliseconds**		Unsigned integer, the number of milliseconds (0 to 999) completes the date and time value	**2**
Tag Value	1000	Little Endia 0010			
Tag	30	**Coordinates in degrees, number of satellites, indication of coordinates, determination correctness, and source of coordinates**		4 lower bits: number of satellites.The next 4 bits: coordinates correctness,0 – coordinates are correct, GLONASS/GPS module is a source,cellular base stations are a source,other values – coordinates are incorrect.The next 4 bytes: signed integer,latitude, the value should be divided by 1000000, negative values correspond to western longitude. The next 4 bytes: signed integer,longitude, the value should be dividedby 1000000, negative values correspond to western longitude.For example, received:07 C0 0E 32 03 B8 D7 2D 05.Coordinates correctness:0 (coordinates are correct).Satellites number: 7 Latitude: 53.612224 Longitude: 86.890424	**9**
Tag Value	0DD070A0FF4ED05E06	Little Endia 065ED04EFFA070D00D	**065ED04EFFA070D00D**	Number of Satelites : 13, Coordinate correctness : 0 (correct), Latitude : -6.262576 , Longitude : 106.877006	
Tag	33	**Speed in km/h and direction in**		2 lower bytes: unsigned integer, speed, the value should be divided by 10. 2 higher bytes: unsigned integer, direction, the value should be divided by 10. For example, received: 5C 00 48 08. Speed: 9.2 km/h. Direction: 212 degrees.	**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	34	**Height, m**		Signed integer	**2**
Tag Value	3000	Little Endia 0030	48	value: 48	
Tag	35	**One of the values: HDOP, if GLONASS/GPS module is coordinates source Error in meters, if cellular base stations are a source.**		Unsigned integrer. In case of HDOP, the value should be divided by 10. In case of error, the value should be multiplied by 10.	**1**
Tag Value	07	Little Endia 07	**7**	value: 7	
Tag	40	**Status of device**		Unsigned integer, each bit corresponds to a separate unit state, see explanations	**2**
Tag Value	080A	Little Endia 0A08			
Tag	41	**Supply voltage, mV**		Unsigned integer	**2**
Tag Value	2C5E	Little Endia 5E2C	**24108**	value: 24108	
Tag	42	**Battery voltage, mV**		Unsigned integer	**2**
Tag Value	3E0F	Little Endia 0F3E	**3902**	value: 3902	
Tag	45	**Status of outputs**		Each bit, beginning with the lower one, indicates the state of a correspondent, output	**2**
Tag Value	0F00	Little Endia 000F	**0000000000001111**	**Out0 : 1, Out1 :1, Out2:1, Out3:1**	
Tag	46	**Status of inputs**		Each bit, beginning with the lower one, indicates triggering on a correspondent input	**2**
Tag Value	0300	Little Endia 0003	**0000000000000011**	Input0 : 1, Input1 : 1, Input2 : 0, Input3 : 0, Input4 : 0, Input5 : 0, Input6 : 0	
Tag	50	**Input voltage 0**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	135E	Little Endia 5E13	**24083**	value: 24083	
Tag	51	**Input voltage 1**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	7D5E	Little Endia 5E7D	**24189**	value: 24189	
Tag	52	**Input voltage 2**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	53	**Input voltage 3**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	54	**Input 4 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	55	**Input 5 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	D4	**Total mileage according to GPS/GLONASS units data, m.**		Unsigned integer	**4**
Tag Value	D9550000	Little Endia 000055D9	**21977**	value: 21977	
Tag	E2	**User data 0**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E3	**User data 1**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E4	**User data 2**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E5	**User data 3**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E6	**User data 4**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E7	**User data 5**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E8	**User data 6**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E9	**User data 7**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	FE	**Extended tags**		Length is determined by the content of the tag	**1**
Tag Value	60	1	1	Unsigned integer	
Tag	**0001**	**Tag Modbus 0**		**The result value must be divided by 100**	**4**
Tag Value	00E81002	Little Endia 0210E800	34662400	value: 346624	
Tag	0002	Tag Modbus 1		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0003**	**Tag Modbus 2**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0004	Tag Modbus 3		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0005**	**Tag Modbus 4**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0006	Tag Modbus 5		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0007**	**Tag Modbus 6**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0008	Tag Modbus 7		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0009**	**Tag Modbus 8**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000A	Tag Modbus 10		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000B**	**Tag Modbus 11**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000C	Tag Modbus 12		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000D**	**Tag Modbus 13**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000E	Tag Modbus 14		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000F**	**Tag Modbus 15**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0010	**Tag Modbus 9**		**The result value must be divided by 100**	4
Tag Value	00000000	Little Endia 00000000	0		
	00	**#N/A**			
Tag	10	**Number of an archive record**		Unsigned integer	**2**
Tag Value	5E41	Little Endia 415E	**16734**		
Tag	20	**Date and time**		Unsigned integer, seconds since 1970-01-01 00:00:00 GMT	**4**
Tag Value	5DA14E68	Little Endia 684EA15D	1749983581 (UNIX TIME)	15/06/2025 10:33:01	
Tag	21	**Milliseconds**		Unsigned integer, the number of milliseconds (0 to 999) completes the date and time value	**2**
Tag Value	1400	Little Endia 0014			
Tag	30	**Coordinates in degrees, number of satellites, indication of coordinates, determination correctness, and source of coordinates**		4 lower bits: number of satellites.The next 4 bits: coordinates correctness,0 – coordinates are correct, GLONASS/GPS module is a source,cellular base stations are a source,other values – coordinates are incorrect.The next 4 bytes: signed integer,latitude, the value should be divided by 1000000, negative values correspond to western longitude. The next 4 bytes: signed integer,longitude, the value should be dividedby 1000000, negative values correspond to western longitude.For example, received:07 C0 0E 32 03 B8 D7 2D 05.Coordinates correctness:0 (coordinates are correct).Satellites number: 7 Latitude: 53.612224 Longitude: 86.890424	**9**
Tag Value	0DD070A0FF4ED05E06	Little Endia 065ED04EFFA070D00D	**065ED04EFFA070D00D**	Number of Satelites : 13, Coordinate correctness : 0 (correct), Latitude : -6.262576 , Longitude : 106.877006	

Tag	33	**Speed in km/h and direction in**		2 lower bytes: unsigned integer, speed, the value should be divided by 10. 2 higher bytes: unsigned integer, direction, the value should be divided by 10. For example, received: 5C 00 48 08. Speed: 9.2 km/h. Direction: 212 degrees.	**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	34	**Height, m**		Signed integer	**2**
Tag Value	3000	Little Endia 0030	48	value: 48	
Tag	35	**One of the values: HDOP, if GLONASS/GPS module is coordinates source Error in meters, if cellular base stations are a source.**		Unsigned integrer. In case of HDOP, the value should be divided by 10. In case of error, the value should be multiplied by 10.	**1**
Tag Value	07	Little Endia 07	**7**	value: 7	
Tag	40	**Status of device**		Unsigned integer, each bit corresponds to a separate unit state, see explanations	**2**
Tag Value	080A	Little Endia 0A08			
Tag	41	**Supply voltage, mV**		Unsigned integer	**2**
Tag Value	3A5E	Little Endia 5E3A	**24122**	value: 24122	
Tag	42	**Battery voltage, mV**		Unsigned integer	**2**
Tag Value	3A0F	Little Endia 0F3A	**3898**	value: 3898	
Tag	45	**Status of outputs**		Each bit, beginning with the lower one, indicates the state of a correspondent, output	**2**
Tag Value	0F00	Little Endia 000F	**0000000000001111**	**Out0 : 1, Out1 :1, Out2:1, Out3:1**	
Tag	46	**Status of inputs**		Each bit, beginning with the lower one, indicates triggering on a correspondent input	**2**
Tag Value	0300	Little Endia 0003	**0000000000000011**	Input0 : 1, Input1 : 1, Input2 : 0, Input3 : 0, Input4 : 0, Input5 : 0, Input6 : 0	
Tag	50	**Input voltage 0**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	1D5E	Little Endia 5E1D	**24093**	value: 24093	
Tag	51	**Input voltage 1**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	885E	Little Endia 5E88	**24200**	value: 24200	
Tag	52	**Input voltage 2**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	53	**Input voltage 3**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	54	**Input 4 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	55	**Input 5 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	D4	**Total mileage according to GPS/GLONASS units data, m.**		Unsigned integer	**4**
Tag Value	D9550000	Little Endia 000055D9	**21977**	value: 21977	
Tag	E2	**User data 0**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E3	**User data 1**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E4	**User data 2**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E5	**User data 3**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E6	**User data 4**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E7	**User data 5**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E8	**User data 6**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E9	**User data 7**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	FE	**Extended tags**		Length is determined by the content of the tag	**1**
Tag Value	60	1	1	Unsigned integer	
Tag	**0001**	**Tag Modbus 0**		**The result value must be divided by 100**	**4**
Tag Value	00783E03	Little Endia 033E7800	54425600	value: 544256	
Tag	0002	Tag Modbus 1		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0003**	**Tag Modbus 2**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0004	Tag Modbus 3		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0005**	**Tag Modbus 4**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0006	Tag Modbus 5		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0007**	**Tag Modbus 6**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0008	Tag Modbus 7		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0009**	**Tag Modbus 8**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000A	Tag Modbus 10		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000B**	**Tag Modbus 11**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000C	Tag Modbus 12		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000D**	**Tag Modbus 13**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000E	Tag Modbus 14		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000F**	**Tag Modbus 15**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0010	**Tag Modbus 9**		**The result value must be divided by 100**	4
Tag Value	00000000	Little Endia 00000000	0		
	00	**#N/A**			
Tag	10	**Number of an archive record**		Unsigned integer	**2**
Tag Value	5D41	Little Endia 415D	**16733**		
Tag	20	**Date and time**		Unsigned integer, seconds since 1970-01-01 00:00:00 GMT	**4**
Tag Value	3FA14E68	Little Endia 684EA13F	1749983551 (UNIX TIME)	15/06/2025 10:32:31	
Tag	21	**Milliseconds**		Unsigned integer, the number of milliseconds (0 to 999) completes the date and time value	**2**
Tag Value	1500	Little Endia 0015			
Tag	30	**Coordinates in degrees, number of satellites, indication of coordinates, determination correctness, and source of coordinates**		4 lower bits: number of satellites.The next 4 bits: coordinates correctness,0 – coordinates are correct, GLONASS/GPS module is a source,cellular base stations are a source,other values – coordinates are incorrect.The next 4 bytes: signed integer,latitude, the value should be divided by 1000000, negative values correspond to western longitude. The next 4 bytes: signed integer,longitude, the value should be dividedby 1000000, negative values correspond to western longitude.For example, received:07 C0 0E 32 03 B8 D7 2D 05.Coordinates correctness:0 (coordinates are correct).Satellites number: 7 Latitude: 53.612224 Longitude: 86.890424	**9**
Tag Value	0ED070A0FF4ED05E06	Little Endia 065ED04EFFA070D00E	**065ED04EFFA070D00E**	Number of Satelites : 14, Coordinate correctness : 0 (correct), Latitude : -6.262576 , Longitude : 106.877006	
Tag	33	**Speed in km/h and direction in**		2 lower bytes: unsigned integer, speed, the value should be divided by 10. 2 higher bytes: unsigned integer, direction, the value should be divided by 10. For example, received: 5C 00 48 08. Speed: 9.2 km/h. Direction: 212 degrees.	**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	34	**Height, m**		Signed integer	**2**
Tag Value	3000	Little Endia 0030	48	value: 48	
Tag	35	**One of the values: HDOP, if GLONASS/GPS module is coordinates source Error in meters, if cellular base stations are a source.**		Unsigned integrer. In case of HDOP, the value should be divided by 10. In case of error, the value should be multiplied by 10.	**1**
Tag Value	07	Little Endia 07	**7**	value: 7	
Tag	40	**Status of device**		Unsigned integer, each bit corresponds to a separate unit state, see explanations	**2**
Tag Value	080A	Little Endia 0A08			
Tag	41	**Supply voltage, mV**		Unsigned integer	**2**
Tag Value	235E	Little Endia 5E23	**24099**	value: 24099	

Tag	42	**Battery voltage, mV**		Unsigned integer	**2**
Tag Value	3A0F	Little Endia 0F3A	**3898**	value: 3898	
Tag	45	**Status of outputs**		Each bit, beginning with the lower one, indicates the state of a correspondent, output	**2**
Tag Value	0F00	Little Endia 000F	**0000000000001111**	**Out0 : 1, Out1 :1, Out2:1, Out3:1**	
Tag	46	**Status of inputs**		Each bit, beginning with the lower one, indicates triggering on a correspondent input	**2**
Tag Value	0300	Little Endia 0003	**0000000000000011**	Input0 : 1, Input1 : 1, Input2 : 0, Input3 : 0, Input4 : 0, Input5 : 0, Input6 : 0	
Tag	50	**Input voltage 0**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	F05D	Little Endia 5DF0	**24048**	value: 24048	
Tag	51	**Input voltage 1**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	5B5E	Little Endia 5E5B	**24155**	value: 24155	
Tag	52	**Input voltage 2**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	53	**Input voltage 3**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	54	**Input 4 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	55	**Input 5 values.**		Unsigned integer. Depending on settings:1. voltage, mV, 2. number of pulses; 3. frequency,Hz.	**2**
Tag Value	0000	Little Endia 0000	**0**	value: 0	
Tag	D4	**Total mileage according to GPS/GLONASS units data, m.**		Unsigned integer	**4**
Tag Value	D9550000	Little Endia 000055D9	**21977**	value: 21977	
Tag	E2	**User data 0**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E3	**User data 1**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E4	**User data 2**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E5	**User data 3**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E6	**User data 4**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E7	**User data 5**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	E8	**User data 6**			**4**
Tag Value	00000000	Little Endia 00000000	0	value: 0	
Tag	E9	**User data 7**			**4**
Tag Value	00000000	Little Endia 00000000	**0**	value: 0	
Tag	FE	**Extended tags**		Length is determined by the content of the tag	**1**
Tag Value	60	1	1	Unsigned integer	
Tag	**0001**	**Tag Modbus 0**		**The result value must be divided by 100**	**4**
Tag Value	00143E03	Little Endia 033E1400	54400000	value: 544000	
Tag	0002	Tag Modbus 1		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0003**	**Tag Modbus 2**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0004	Tag Modbus 3		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0005**	**Tag Modbus 4**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0006	Tag Modbus 5		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0007**	**Tag Modbus 6**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0008	Tag Modbus 7		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**0009**	**Tag Modbus 8**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000A	Tag Modbus 10		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000B**	**Tag Modbus 11**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000C	Tag Modbus 12		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000D**	**Tag Modbus 13**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	000E	Tag Modbus 14		The result value must be divided by 100	4
Tag Value	00000000	Little Endia 00000000	0		
Tag	**000F**	**Tag Modbus 15**		**The result value must be divided by 100**	**4**
Tag Value	00000000	Little Endia 00000000	0		
Tag	0010	**Tag Modbus 9**		**The result value must be divided by 100**	4
Tag Value	00000000	Little Endia 00000000	0		
	00				
	D0				
	92	**CHECKSUM**			