1. General Description

This Document contains the log data of a read out logfile. It shows what happened with the specified vbar unit during the latest time

Version of PC Software	**5.2.3 30.08.2011**
Date	**Tue May 08 08:02:41 EDT 2012**
Serial	**1410026713**
Prod Date	**31.1.2011 15:50**
Firmware	**5.2**
Patchlevel	**4**

2. Chronological List of Events

	0:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:19	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:19	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	0:19	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:20	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:20	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:21	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:22	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:22	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:25	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:25	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	0:25	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:26	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:36	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:00	Coldstart	A Coldstart is done on the beginning of each switch on time. A Coldstart can happen only, if the VBar Units is disconnected from power for more than 5 Seconds.
	0:00	Reset Reason: Power On	This happens if power is applied to the VBar unit. Usually this is ok, but it shall never happen in operational mode. So if a reset happens during flight, this points to a power problem. During flight the power on reset results in a warmstart. If a coldstart happens during flight, the power loss was more than 5 Seconds
	0:00	Bank 0 Loaded	Bank 0 was loaded from the non volatile memory. This can be triggered my manual backswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel. On Startup the Bank 0 is loaded by default.
	0:00	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	0:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:02	Init Failed, retrying...	The Init process of the sensors is very sensitive to movements of the heli or from other external disturbances, i.e. Voltage jumps and glitches. This can lead to a failed initialization. In this Case it is repeated. If this repeats itself all the time, this can point to a defective sensors.
	0:08	Calibration Finished	At each Coldstart, the sensor and RC Values are calibrated to the actual seen values. If the calibration is finished, this message confirms the storage of data into the internal non volatile calibration memory
	0:18	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:28	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:38	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:48	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:58	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	1:08	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.

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✓	1:48	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✓	1:58	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✓	2:08	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✓	2:18	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✓	2:28	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
▷	2:29	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	2:29	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	2:39	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	2:40	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	2:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	2:43	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▷	2:43	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
✓	2:53	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
▷	2:57	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	2:57	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	2:58	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	2:59	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:02	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:03	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:03	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:04	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:04	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.

	3:05	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:06	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:07	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:08	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:08	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:09	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:09	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:10	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:13	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	3:13	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:14	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:14	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:15	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:15	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:17	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:17	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	3:19	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:20	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:21	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:31	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	3:33	Governor ON	Governor switched to mode ON
	3:41	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	3:50	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	4:00	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations

	4:05	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	4:10	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	4:11	Governor ON	Governor switched to mode ON
	4:19	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	4:29	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	4:38	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	4:43	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	4:48	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	4:55	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:56	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:57	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:57	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:58	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	4:58	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:58	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:59	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:59	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:00	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:01	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:02	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:03	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
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	5:05	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:05	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:06	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	5:07	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	5:12	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:12	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:17	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:21	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:21	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	5:21	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:24	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	5:24	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
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	5:29	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:29	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:30	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:31	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:31	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:32	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:32	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	5:33	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:34	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:35	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	5:45	Governor ON	Governor switched to mode ON
	5:46	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	5:52	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.

	5:53	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	5:55	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	6:05	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	6:15	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:17	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. Ith this Limit is reached, this Info Message is issued. The Message is issued once for each touch of the limit. If the limit is touched, it means that your headspeed will be higher than programmed.
	6:24	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:27	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:31	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:34	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:43	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	6:45	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:52	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	6:53	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	7:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:02	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:03	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	7:03	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:04	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:04	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:05	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:05	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:06	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:07	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:07	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:10	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:10	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	7:10	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.

	7:12	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
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	7:14	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:14	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	7:14	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:16	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:19	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:22	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	7:29	Governor ON	Governor switched to mode ON
	7:32	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	7:40	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	7:41	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	7:51	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:00	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	8:10	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:19	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	8:20	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	8:20	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:29	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	8:32	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	8:39	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:46	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:47	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	8:47	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:48	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:48	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:49	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:50	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	8:50	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:51	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:53	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:53	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	8:55	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:55	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:57	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	9:05	Governor ON	Governor switched to mode ON
	9:08	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	9:17	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	9:27	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	9:37	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	9:46	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	9:49	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	9:56	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	10:05	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	10:15	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	10:25	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	10:34	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	10:44	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	10:50	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	10:54	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations

	11:00	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	11:03	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	11:13	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	11:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:14	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:14	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:15	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:15	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:17	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:17	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:22	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	11:22	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:22	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:25	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:25	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	11:25	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:28	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	11:28	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:30	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:31	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:32	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	11:32	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:32	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:34	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:35	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	11:35	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	11:35	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:36	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:36	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:37	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:37	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:38	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:38	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:39	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:39	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	11:41	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	11:41	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	11:41	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:00	Coldstart	A Coldstart is done on the beginning of each switch on time. A Coldstart can happen only, if the VBar Units is disconnected from power for more than 5 Seconds.
	0:00	Reset Reason: Power On	This happens if power is applied to the VBar unit. Usually this is ok, but it shall never happen in operational mode. So if a reset happens during flight, this points to a power problem. During flight the power on reset results in a warmstart. If a coldstart happens during flight, the power loss was more than 5 Seconds
	0:00	Bank 0 Loaded	Bank 0 was loaded from the non volatile memory. This can be triggered my manual backswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel. On Startup the Bank 0 is loaded by default.
	0:00	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	0:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:07	Calibration Finished	At each Coldstart, the sensor and RC Values are calibrated to the actual seen values. If the calibration is finished, this message confirms the storage of data into the internal non volatile calibration memory
	0:17	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:27	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:00	Coldstart	A Coldstart is done on the beginning of each switch on time. A Coldstart can happen only, if the VBar Units is disconnected from power for more than 5 Seconds.
	0:00	Reset Reason: Power On	This happens if power is applied to the VBar unit. Usually this is ok, but it shall never happen in operational mode. So if a reset happens during flight, this points to a power problem. During flight the power on reset results in a warmstart. If a coldstart happens during flight, the power loss was more than 5 Seconds
	0:00	Bank 0 Loaded	Bank 0 was loaded from the non volatile memory. This can be triggered my manual backswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel. On Startup the Bank 0 is loaded by default.
	0:00	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
	0:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:07	Calibration Finished	At each Coldstart, the sensor and RC Values are calibrated to the actual seen values. If the calibration is finished, this message confirms the storage of data into the internal non volatile calibration memory
	0:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	0:16	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	0:16	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:28	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
	0:35	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:35	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:39	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:39	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	0:39	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:43	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	0:43	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:44	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:44	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:45	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:46	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:46	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:48	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	0:48	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:49	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:49	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:50	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:50	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:51	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:51	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:52	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	0:52	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:53	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:53	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:54	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:54	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:56	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:56	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:58	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	0:58	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	0:59	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	1:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	1:00	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	1:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	1:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	1:03	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	1:07	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	1:15	Governor ON	Governor switched to mode ON
	1:16	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	1:26	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	1:36	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	1:45	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	1:48	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	1:55	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	2:05	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	2:14	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	2:24	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	2:24	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.

⚠	2:33	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
✓	2:43	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
✗	2:53	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
✗	3:02	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
✗	3:12	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
▷	3:14	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
✗	3:21	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
▷	3:23	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:25	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:25	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:26	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:26	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:27	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:27	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:28	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:29	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:29	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:30	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:30	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
⚠	3:31	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
▷	3:32	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:32	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▷	3:32	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	3:37	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	3:37	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.

▶	3:40	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:40	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▶	3:40	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	3:42	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	3:42	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▶	3:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:44	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:50	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
▶	3:51	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:52	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:53	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:53	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	3:54	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:54	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	3:55	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	3:55	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	4:00	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
▶	4:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:02	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	4:03	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:04	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:04	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	4:05	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:06	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▶	4:06	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▶	4:07	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	4:08	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:09	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:09	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:10	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	4:10	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:10	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:11	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:11	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:12	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:12	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:13	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:14	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:15	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:17	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:19	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	4:19	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:19	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:20	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:20	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:21	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:21	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:22	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:22	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.

	4:23	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:23	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:24	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:25	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:25	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:26	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:26	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:28	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:28	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:29	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	4:30	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:30	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:33	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:33	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:35	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:35	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:37	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:37	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:37	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:38	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	4:40	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:40	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:40	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:42	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	4:45	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:45	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:45	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:47	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	4:47	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	4:48	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	4:48	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:49	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	4:57	Governor ON	Governor switched to mode ON
	4:58	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	5:07	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	5:15	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	5:17	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	5:27	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	5:36	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	5:46	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	5:54	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	5:55	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:05	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:15	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:16	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:24	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
	6:29	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:30	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:33	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	6:34	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	6:43	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	6:53	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations

✘	7:03	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
▷	7:12	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
▷	7:12	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
✘	7:22	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
▷	7:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:25	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:26	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:26	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:27	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:27	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:28	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:31	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:31	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▷	7:31	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:32	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
▷	7:33	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:33	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
▷	7:33	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:35	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:35	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:36	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:37	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:38	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	7:38	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:39	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	7:40	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.

	7:41	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	7:41	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:41	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:43	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:44	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:44	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:46	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:46	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:48	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:48	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:50	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:50	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:51	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	7:52	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:52	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:54	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:54	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:56	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:56	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:57	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:57	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	7:59	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	7:59	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:00	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	8:02	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:02	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.

	8:02	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:04	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:04	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:05	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:05	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:06	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:06	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:08	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:08	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:10	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
	8:10	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:10	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	8:10	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:13	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	8:13	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:15	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:15	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:20	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:20	Governor Sensor Signal Failure	The Sensor delivers a Signals that has too high frequency. This usually points to a defect of the wire or noise that is coupled into the sensor wire.
	8:20	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
	8:21	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
	8:29	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.
✖	8:39	Extreme Vibration Level	Vibrations are extreme. That means, that the measurement signal is much lower than the signal level of the vibrations. No usable flying is possible with this level. Everything has to be checked and extended tests are needed to isolate and eliminate the source of vibrations
	8:39	Governor ON	Governor switched to mode ON

⚠	8:49	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
⚠	8:58	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
▷	8:58	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
⚠	9:08	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
▷	9:12	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:13	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:14	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:14	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:15	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:15	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:16	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:16	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
⚠	9:17	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Save flying is possible, but the stability will be degraded. Additinally slow drifts that happen may be caused by vibrations.
▷	9:17	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:17	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:18	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:18	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:19	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:20	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:20	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:21	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:21	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:22	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:23	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:24	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:27	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and chis is the intended measurement signal, this can happen sometimes on hard 3d moves. It shall not happen all the time. If this error is reported repedidtly very often, check the heli for vibration sources.

▷	9:27	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:27	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:28	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:29	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:29	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:30	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:32	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:33	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:33	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:34	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:34	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:43	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	9:43	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	9:46	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✘	9:46	RC Input of Pitch Channel missed	The Pitch Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:46	RC Input of Aileron Channel missed	The Aileron Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:46	RC Input of Elevator Channel missed	The Elevator Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:46	RC Input of Tail Channel missed	The Tail Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
▷	9:47	Antenna Switched	The Signal from one of the sattelites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✘	9:47	RC Input of Pitch Channel missed	The Pitch Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:47	RC Input of Aileron Channel missed	The Aileron Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:47	RC Input of Elevator Channel missed	The Elevator Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✘	9:47	RC Input of Tail Channel missed	The Tail Input Signal ist updated with each Frame recived from the reciver. This Error is raised, if for 50ms no new signal arrives from the reciver. Depending on the hardware connection this can point to a problem with the connection to the reciver/sattelite. In case of sattelite recivers used, all channels will be accused at the same time. In case of single channels, this can happen seperately on each channel. Closely check your wiring for broken wires or connection problems
✔	0:00	Coldstart	A Coldstart is done on the beginning of each switch on time. A Coldstart can happen only, if the VBar Units is disconnected from power for more than 5 Seconds.

✓	0:00	Reset Reason: Power On	This happens if power is applied to the VBar unit. Usually this is ok, but it shall never happen in operational mode. So if a reset happens during flight, this points to a power problem. During flight the power on reset results in a warmstart. If a coldstart happens during flight, the power loss was more than 5 Seconds
▷	0:00	Bank 0 Loaded	Bank 0 was loaded from the non volatile memory. This can be triggered my manual backswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel. On Startup the Bank 0 is loaded by default.
▷	0:00	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
▷	0:00	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	0:00	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	0:01	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	0:01	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	0:11	Calibration Finished	At each Coldstart, the sensor and RC Values are calibrated to the actual seen values. If the calibration is finished, this message confirms the storage of data into the internal non volatile calibration memory
✓	0:21	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.
▷	0:24	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	0:24	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
▷	0:26	Governor Sensor no Signal	The Sensor does not deliver a usable Signal. This happens if the Rotor does not move, or if the Sensor fails during flight.
▷	0:26	Governor input contains glitches	The Input signal of the Governor does not switch safely. It produces some additional slopes between on and off state.
✓	0:36	Good Health Message (10sec)	This Message describes the good health state. That means, that the VBar unit does not see any error or Info Message in the last 10 Seconds.