

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	5.2.5 04.04.2012
Date	Wed May 16 12:21:15 PDT 2012
Serial	1410029287
Prod Date	8.11.2011 10:51
Firmware	5.2
Patchlevel	4

2. Chronological List of Events

▶	0:16	Bank 2 Loaded	Bank 2 was loaded from the non volatile memory. This can be triggered my manual bankswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel.
✔	0:26	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	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.
▶	0:33	Bank 2 Loaded	Bank 2 was loaded from the non volatile memory. This can be triggered my manual bankswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel.
▶	0:35	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.
▶	0:36	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.
✔	0:46	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.
▶	0:53	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.
✔	1:03	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.
▶	1:09	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.
▶	1:14	Testmode Started	The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentally. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth.
▶	1:16	Testmode Started	The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentally. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth.
▶	1:18	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.
▶	1:19	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.
✔	1:29	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.
✔	1:39	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.
▶	1:43	Governor ON	Governor switched to mode ON
▶	1:45	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
✔	1:55	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.
▶	2:01	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.
▶	2:02	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.
✔	2:12	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.
▶	2:14	Bank 2 Loaded	Bank 2 was loaded from the non volatile memory. This can be triggered my manual bankswitch from the userinterface as well as in flight if bank switch is programmed to the aux channel.
▶	2:16	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.
✔	2:26	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.
✔	2:36	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.
▶	2:43	Testmode Started	The testmode ist entered intentionally by the user with the command on a Controlpanel or any other control terminal. The Entering command is checksum tested, so it cannot happen accidentally. In Testmode the normal control loop algorithm is not running, so its important to leave the Testmode prior flight. Its only can happen to fly in testmode with bluetooth.
▶	2:44	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.

▶	2:45	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✔	2:55	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.
✔	3:05	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.
✔	3:15	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.
▶	3:16	Testmode Ended	Testmode has been switched off intentionally. Normal control loop is in action now
✔	3:26	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.
▶	3:28	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✔	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.
✔	0:10	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.
▶	0:13	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
✔	0:23	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	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.
▶	0:28	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.
▶	0:34	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.
▶	0:35	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
▶	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.
▶	0:36	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
▶	0:37	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
	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.
✔	0:49	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.
▶	0:54	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✔	1:04	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.
✔	1:14	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.
▶	1:19	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
▶	1:20	Antenna Switched	The Signal from one of the satellites was missing. The Main reciver is switched over to the other connector. In Case of a single reciver connected, one frame was lost.
✔	1:30	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.

✓	1:40	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.
✓	1:50	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.
✓	2:00	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.
▶	2:03	Governor ON	Governor switched to mode ON
▶	2:03	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
⚠	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. Additionally slow drifts that happen may be caused by vibrations.
⚠	2:14	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. Additionally slow drifts that happen may be caused by vibrations.
▶	2:24	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	2:33	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	2:43	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	2:53	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:02	Antenna Switched	The Signal from one of the satellites was missing. The Main receiver is switched over to the other connector. In Case of a single receiver connected, one frame was lost.
▶	3:02	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:12	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:22	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:31	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:41	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:42	Antenna Switched	The Signal from one of the satellites was missing. The Main receiver is switched over to the other connector. In Case of a single receiver connected, one frame was lost.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	4:28	Antenna Switched	The Signal from one of the satellites was missing. The Main receiver is switched over to the other connector. In Case of a single receiver connected, one frame was lost.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.

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▶	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 this 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 repeatedly very often, check the heli for vibration sources.
⚠	7:45	Governor Full Throttle	The Governor is not able to hold the Headspeed, but there is no more throttle available. Check the maximum collective and the power of your engine. This message is issued only if there is a massive demand on more energy.
⚠	7:46	Governor Full Throttle	The Governor is not able to hold the Headspeed, but there is no more throttle available. Check the maximum collective and the power of your engine. This message is issued only if there is a massive demand on more energy.
⚠	7:51	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. Additionally slow drifts that happen may be caused by vibrations.
⚠	7:53	Governor Full Throttle	The Governor is not able to hold the Headspeed, but there is no more throttle available. Check the maximum collective and the power of your engine. This message is issued only if there is a massive demand on more energy.
⚠	7:54	Governor Full Throttle	The Governor is not able to hold the Headspeed, but there is no more throttle available. Check the maximum collective and the power of your engine. This message is issued only if there is a massive demand on more energy.
⚠	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. Additionally slow drifts that happen may be caused by vibrations.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	8:20	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	8:39	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	8:49	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
⚠	8:52	Governor Full Throttle	The Governor is not able to hold the Headspeed, but there is no more throttle available. Check the maximum collective and the power of your engine. This message is issued only if there is a massive demand on more energy.
▶	8:58	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
⚠	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. Additionally slow drifts that happen may be caused by vibrations.
▶	9:17	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	9:29	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
▶	9:37	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	9:46	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.
✓	9:56	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.
✓	10:06	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.
✓	10:16	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.
✓	10:26	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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✓	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.
	0:19	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.
✓	0:29	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.
✓	0:39	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.
▶	0:44	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.
✓	0:54	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.
	0:59	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.
✓	1:09	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.
✓	1:19	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.
⚠	1:26	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.
▶	1:31	Governor ON	Governor switched to mode ON
⚠	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 repeditly very often, check the heli for vibration sources.
▶	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 repeditly very often, check the heli for vibration sources.
▶	2:05	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 repeditly very often, check the heli for vibration sources.
▶	2:14	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 repeditly very often, check the heli for vibration sources.
▶	2:24	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 repeditly very often, check the heli for vibration sources.
▶	2:33	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 repeditly very often, check the heli for vibration sources.
▶	2:43	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 repeditly very often, check the heli for vibration sources.
▶	2:53	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 repeditly very often, check the heli for vibration sources.

▶	3:02	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
⚠	3:12	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Safe flying is possible, but the stability will be degraded. Additionally slow drifts that happen may be caused by vibrations.
▶	3:21	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:31	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:41	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	3:59	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	4:09	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
⚠	4:10	High Vibration Level	The control loop suffers from a high vibration level, that starts to render the sensors blind. Safe flying is possible, but the stability will be degraded. Additionally slow drifts that happen may be caused by vibrations.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	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.
✔	4:32	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.
✔	4:42	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.
✔	4:52	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.
✔	5:02	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.
✔	5:12	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.
✔	5:22	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.
✔	5:32	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.
✔	5:42	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.
✔	5:52	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.
✔	6:02	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.
✔	6:12	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.
✔	6:22	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.
✔	6:32	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.





✓	6:42	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.
✓	6:52	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.
✓	7:02	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.
✓	7:12	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.
✓	7:22	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.
✓	7:32	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.
✓	7:42	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.
✓	7:52	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.
✓	8:02	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.
✓	8:12	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.
✓	8:22	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.
✓	8:32	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	Warmstart	Warmstart is an indication for a short power loss, or any other reset reason. If the CPU comes up, and detects, that the power loss was less than 5 seconds, this causes a warmstart. This can happen also, if power is applied and removed in a short sequence. When binning a Spektrum Sattelite, this will occur and is intended.
✓	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	Sensor Connection broken	Data is transmitted in very short sequence from the sensor. The packets arrive multiple times each frame. This Error is issued, if in a time of 50ms no Data packets did arrive. This is probably a total lost of the sensor connection. In this case, the VBar goes into emergency mode, where control is still possible, but there is no more additional stability from the sensors. The Throw is halved, to calm down the control a bit and make a landing possible.
▶	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.
✓	0:10	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.
▶	0:16	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.
✓	0:26	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.
✓	0:36	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.
✓	0:46	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	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 repeditly very often, check the heli for vibration sources.
▶	0:53	Governor ON	Governor switched to mode ON
⚠	0:57	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.

▶	1:07	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	1:16	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	1:26	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	1:36	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	1:51	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	1:59	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
⚠	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. Additionally slow drifts that happen may be caused by vibrations.
✓	2:15	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.
✓	2:25	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.
▶	2:32	Governor ON	Governor switched to mode ON
▶	2:41	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	2:42	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
⚠	2:43	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. Additionally slow drifts that happen may be caused by vibrations.
▶	2:53	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:02	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:05	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	3:12	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:21	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:29	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	3:31	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	3:41	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.

▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	4:03	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
✔	4:20	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.
✔	4:30	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.
▶	4:32	Governor ON	Governor switched to mode ON
⚠	4:38	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. Additionally slow drifts that happen may be caused by vibrations.
▶	4:42	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
⚠	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. Additionally slow drifts that happen may be caused by vibrations.
▶	4:58	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	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 this 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 repeatedly very often, check the heli for vibration sources.
▶	5:17	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	5:27	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	5:36	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	5:46	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	5:55	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	5:56	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	5:59	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	6:00	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	6:02	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	6:03	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	6:04	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.
▶	6:05	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeatedly very often, check the heli for vibration sources.
▶	6:05	Governor is at Low Throttle Limit	There is a defined low limit, that the Governor will not fall below. If 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.

▶	6:15	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeditly very often, check the heli for vibration sources.
▶	6:24	Raised Vibration Level	There was detected a raised level of Vibration. Since the vibration detector has to decide which signal is vibration and this 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 repeditly very often, check the heli for vibration sources.
▶	6:27	Governor Mode Throttle	Governor off, the servo moves with the throttle input channel
⚠	6:34	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.
▶	6:44	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.
✔	6:54	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.
✔	7:04	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.
✔	7:14	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.
✔	7:24	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.
✔	7:34	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.
✔	7:44	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.
✔	7:54	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.
✔	8:04	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.
✔	8:14	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.
✔	8:24	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.
✔	8:34	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.
✔	8:44	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.
✔	8:54	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.
✔	9:04	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.
✔	9:14	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.
✔	9:24	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.
✔	9:34	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.
✔	9:44	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.
✔	9:54	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.
✔	10:04	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.
✔	10:14	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.
✔	10:24	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.

✓	10:34	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.
✓	10:44	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
✓	0:17	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.
	0:31	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.
▶	0:32	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.
▶	0:33	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.
▶	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.
▶	0:44	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.
▶	0:45	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.
▶	0:48	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.
✓	0:00	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	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
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▶	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.
	0:08	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.