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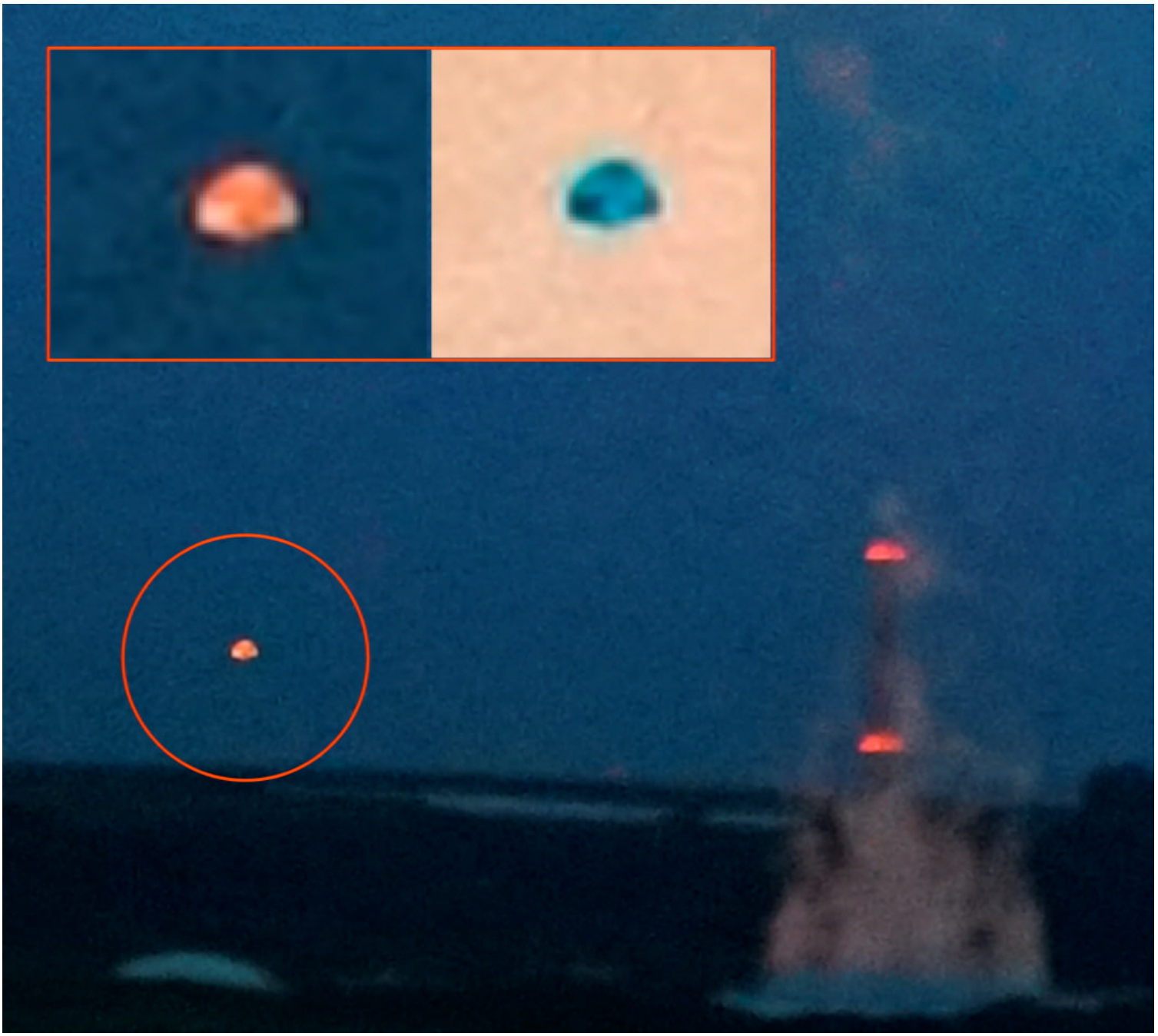
UFO above the power plant Neckarwestheim



About the Author – Gerhard Gröschel

I am an Electronics Engineer by profession with a strong focus on digital technique. Since my childhood I was interested in things covered by an Aura of mystery like maybe the most of us. Quickly I concentrated my interest in the UFO subject. In the time of my childhood and youth, getting information about UFOs was not as easy as it is today. Until my puberty I devoured almost everything around this topic. And then came a time when girly actually became more important as well as the everyday life. In the following decades the UFO subject has the importance of ghost stories for me: nice but unbelievable. In the meantime I was more than busy with family and working life. Circa 1990 I came into property of a video tape with alleged UFO events. One short video clip among the others on this video tape awakened my interest in UFOs again. From this day on I looked for every piece of information – books, magazines, video tapes – about UFOs. That was a whole lot of material which I studied over month on the evenings and weekends. There was plenty of information and apparently information which unfiltered shaken my view of the world. What surprised and annoyed me especially was the fact that was written in many of the books was always the same. My impression was that every Tom, Dick and Harry have poorly researched but much better copied from each other. By and large more than 90 percent of the UFO literature was expendable in my opinion. As we in Germany set up a club for everyone and everything I looked for likeminded people in my personal uncertainty relating to the UFO topic. In my knowledge at that time there was two clubs who dealt with the subject. On the one hand, clearly skeptical oriented, the GEP, on the other hand, the MUFON-CES, seeing a phenomenon behind UFOs as a fact. At this point I wasn't sure which one of them would be closer to the truth. As a precaution I then became a member of both clubs. In recent years I also became a member of DEGUFO. In the first years I was part of this clubs my personal and professional life was still so dominant, that I was more the kind of a backbencher. So I got a deep insight into the structure of the clubs, their knowledge and the handling of this knowledge between each other. As far as it was allowed by my spare-time I became a case investigator and sky watcher to. On the 22nd of March 2011 I was lucky to see an UFO the first time in my life. However, this sighting was in private domain and couldn't be filmed by me. For me the open-minded realization was that there wasn't any real notifying progress within the private UFO research in the last 50 years. For someone like me who don't want to make no headway there were only two possibilities: I would turn away from the topic or I would try a new way of UFO research. So I decided for a new kind of UFO research. Since the year 2007 I go this way consequently. I had some really interesting projects which show that my way seems to be the only one leading to real evidence. In the beginning of 2013 I found the „Institut für technische UFO-Forschung" (Institute for Technical UFO Research) because I came to the conclusion that the UFO research needs urgently an additional alignment. On the website: www.digital-service.biz you will find information about ongoing projects and results.

Basics of an efficient UFO-Monitoring-System

An UFO-Monitoring-System typically consists of one or more cameras. From experience can be assumed that optical phenomena mostly observed at night can't be easily categorized.

Therefore it's good to use extremely light-sensitive cameras. Those video cameras which are currently available on the pen market have a maximum light sensitivity of about 0.00005 LUX.

Basically you're spoiled to choice. If you want good and clear night shots in extremely low light conditions you have to use cameras which add internal summing. Generally the video images are automatically exposed within 0.5 and 2.5 seconds depending on the surrounding lightning. In this case fast objects are stretched in the direction of their movement or they're shown as a light trail just as a shooting star. If you renounce the summation you obtain a background noise according to the surrounding lightning. The darker it is the more of snow you see on the video image. But you can also record videos with 25 frames per second and so receive no movement distortions. The following image should illustrate that.

These restrictions can be compensated when two video cameras with the settings described above aligned together. Then it's possible to obtain overall information of an object and his shape and motion at night.

The UFO-Monitoring-System of Digital Service doesn't work with standard video alarm recorders which are on one hand very high price types and which have on the other hand many disadvantages for video editing. The picture recording rate is generally much lower than 25 frames per second at Pal-resolution.

Currently the requirements of a technical UFO-Monitoring-System can't be satisfactorily met with commercially available devices. After many years of practical experience with a wide variety of systems also with video alarm recorders from different manufacturers and with different qualities it was necessary to develop an own PC-based video system. According to the current state the use of a PC with two video grabbers and the special video software is by far the best solution for an automatic UFO-Monitoring-System. On this system can switch on any number of video cameras. Very important is also the synchronicity of video images with the measured values from the UFO sensor. This can only be accomplished with the PC system.

An automatic UFO-Monitoring-System consists of two different fields. First of all: the video documentation of possible objects. This is followed by the analysis of the video and the measured values. The video analysis is basically fraught with problems. In order to make clear statements about video recordings at night, a certain knowledge of the system, the function of the used video cameras and the recording system are necessary. Proven as completely impractical are permanent video recordings with 25 frames per second. It's simply impossible to check such a bulk of video material. Especially effective is a video recording with one frame per second. Such files can be checked on optical anomalies very good at double speed.

Also the recognition to operate more than four video cameras to monitor is only possible if many people are willing and able to check these video recordings. However, my practical experience shows that this regularly fails.

Now I will present some basics for the use of an UFO-Monitoring-System. My experience shows that it's not very promising to set up such a system in any region. But there are also other opinions. I represent the Hot-Spot-Hypothesis, so always where UFO sightings are repeating an UFO-Monitoring-System should be installed. Basically it's preferable to have the horizon or a fixed point in the image section. However, it's not mandatory with fixed video cameras because if there are videos which shows the stars in conjunction with the timeline, a precise orientation of the image detail is possible afterwards due to the angular degrees of an astronomy program like „Stellarium". This is good to see in the following image.

In my experience it's usually not necessary to have a 24-Hour-Video-Monitoring. The following modes are grown out of practice:

1. Setting the time frame for a continuous monitoring (one frame per second) usually at night.

2. Automatic activation of an alarm recording (25 frames per second) within and without the timeframe of continuous monitoring. This feature will be activated and switched back by the UFO-sensor from Digital Service.

3. If the UFO-Monitoring-System is maintained by personnel a manual alarm button for a specific alarm triggering is conceivable.

In autonomously operating systems it's desirable to have a connection to the internet for changing settings or times within running operations. The system of Digital Service is provided for this purpose. Also there's generally only a very slow upload rate on normal internet connections which is only useful for service purposes of the UFO-Monitoring-System, the network connection is indispensable like my experience shows. An emergency power supply of the entire system is also very important. This is usually possible with simple means. If a laptop is used as PC it already has a built-in battery. The cameras and the UFO-sensor are operating with a small 12V power supply which is parallel connected with a 12V battery. Power outages up to one hour can so easily be bridged.

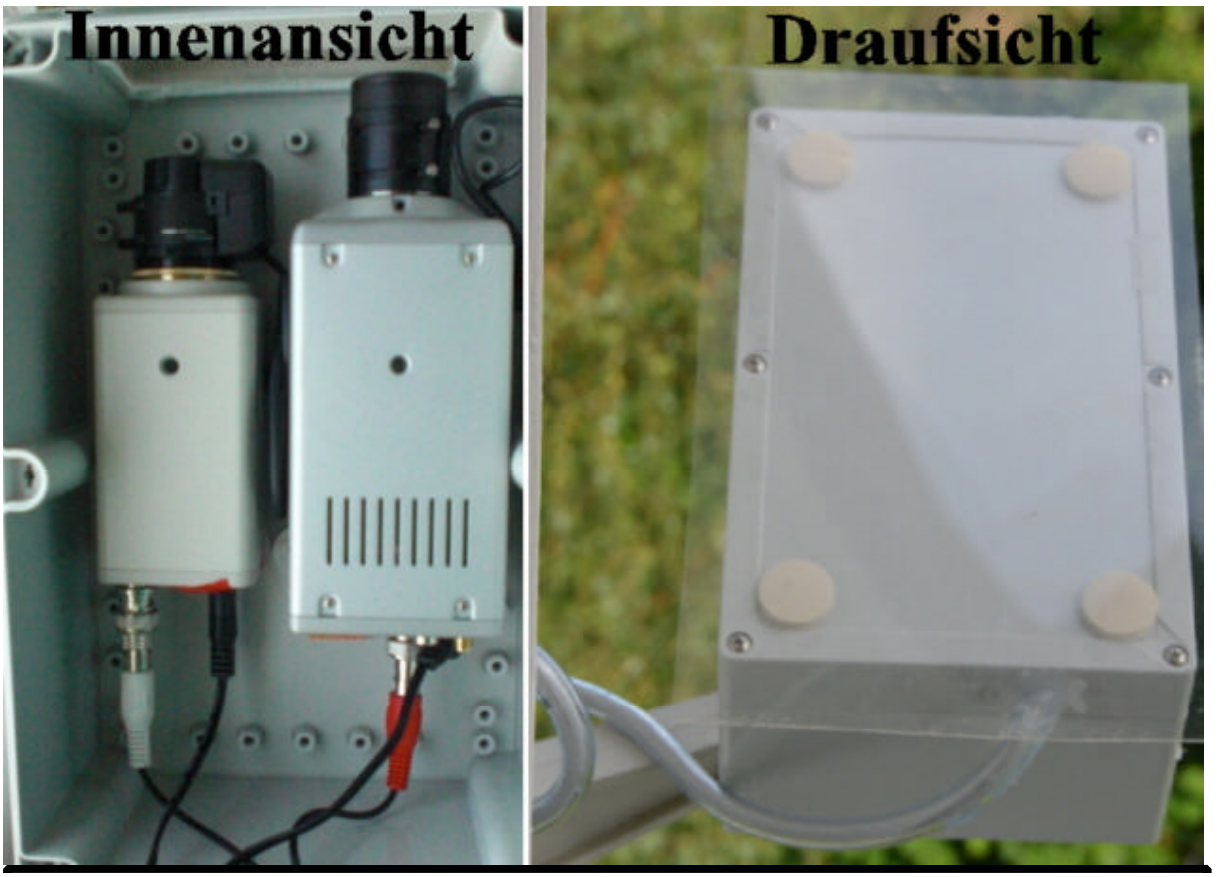
Air Surveillance above the Nuclear Power Plant Neckarwestheim - Basics

The nuclear power plant Neckarwestheim is located in Baden Württemberg, south of Heilbronn. Since almost 30 years I've been living about 20 kilometers away, so this nuclear power plant has no charm of mystery for me. Basically, the nuclear power plant is as neutral as the near highway for me. I was always very critical about nuclear power but I never was a part in any kind of activity against this nuclear power plant.

I am a relatively athletic man and therefore a casual visitor in fitness center. The last few years I was in such a club not too far away from Neckarwestheim. After the workout normally notes are compared. One day the conversation goes around UFOs by chance. To my surprise two witnesses on UFO events were also there and told me about their experience. It was in summer nights of 2010 when strange phenomena were observed. On three times balls were seen which moved in very remarkable ways. One witness even watched a flying disk with lights. All of these events took place in direction to the nuclear power plant Neckarwestheim. This was a little too much coincidence for me to let it matter rest. So I looked within the circle of my friends and acquaintances for a possibility to install an UFO-Monitoring-System with a view over the nuclear power plant. So I could finally launch such a UFO-Monitoring-System in December 2010 at a distance of about 1500 meters from the nuclear power plant.

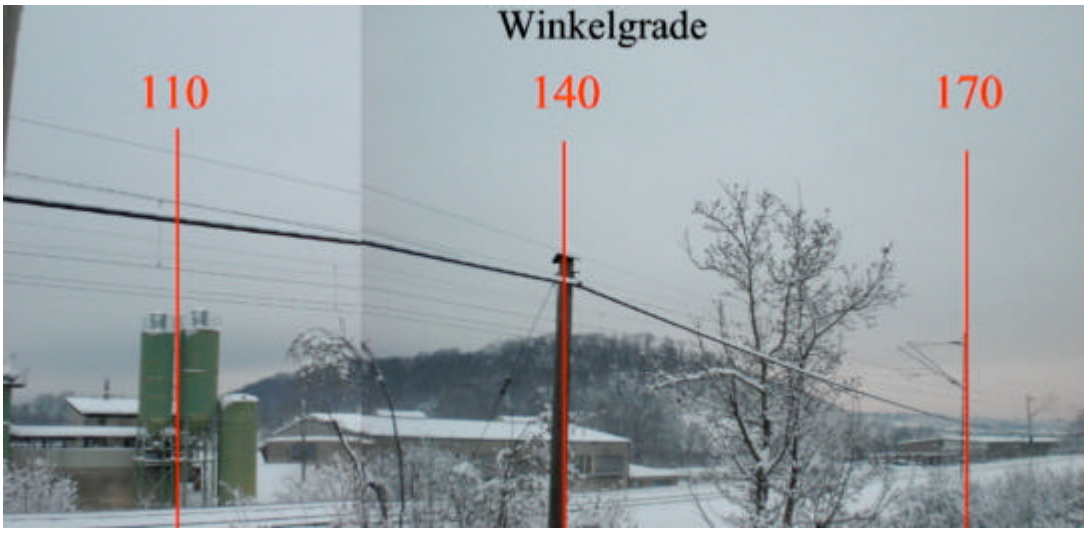
The nuclear power plant in 2011 still with the shutdown block 1.

This graph shows the viewing direction from the UFO-Monitoring-System to the nuclear power plant. The distance is about 1500 meters. The nuclear power plant is built in a valley so that in the documented images only the airspace is visible above the nuclear power plant.



The monitoring cameras are packaged in a housing which resembling at first sight a receiving antenna. This is the current version.

The monitoring electronic including the video recording and an additional emergency power supply is within an aluminum case which is positioned underneath a side table in a room. Currently the electronics of the UFO-sensor is integrated in the cover of the camera carrier.



In order to analyze events or astronomical video recordings retrospectively faster such angular degrees in the visual field of the video view are very helpful.

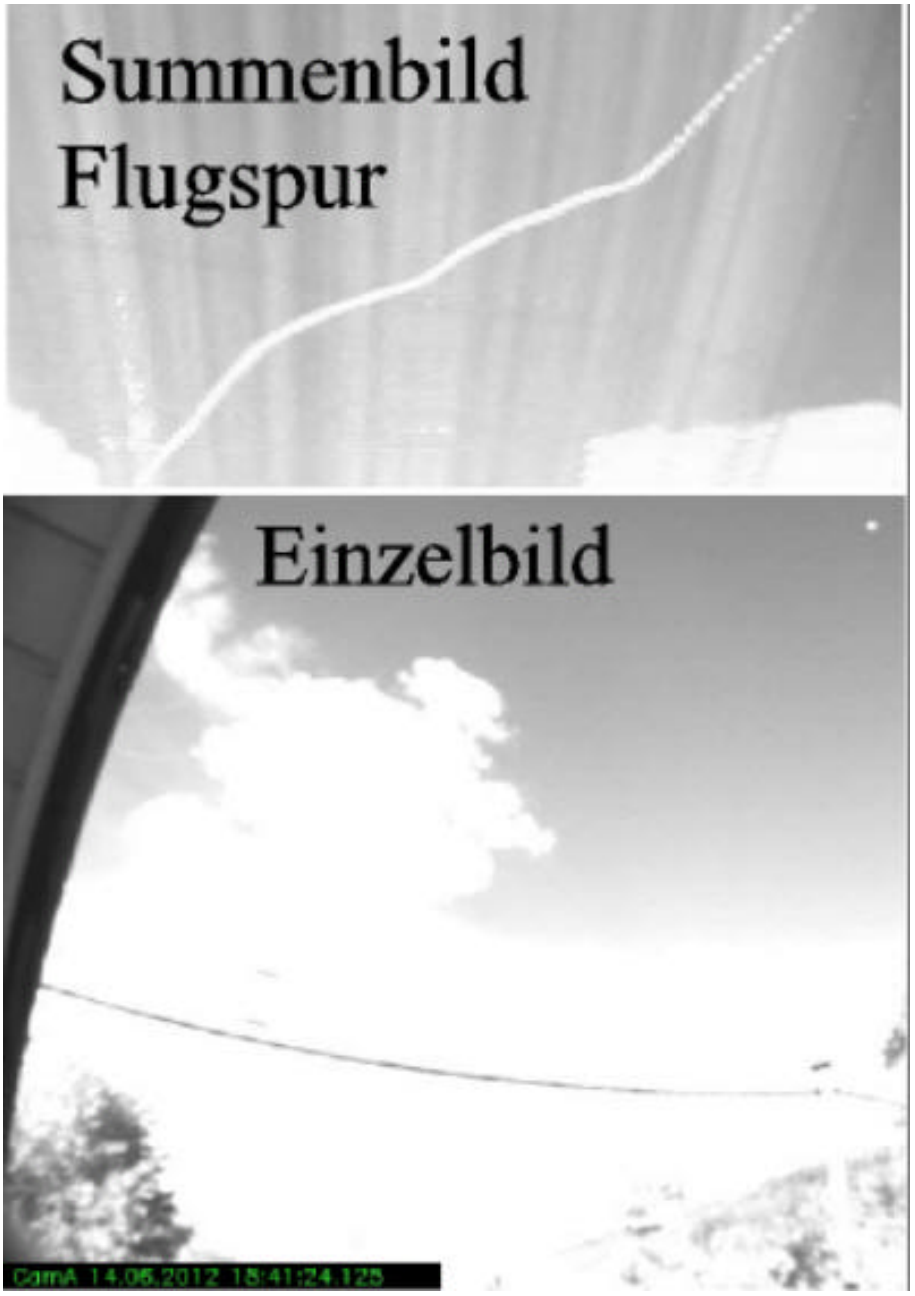
Due to the proximity between the Monitoring-System and my home the system is regularly oversaw by me. In some circumstances I exchanged cameras and software on several times. At the end of the book is an overview on continuative information for those readers among you with a strong interest in learning more about the technical details, basics of the determination of an object size or measurements.

Basically it's a political issue if the requirements of the airspace on a highly sensitive system such as a nuclear power plant are ignored. However, the following documentation certainly shows no aircraft which pose with its behavior a threat to the operation safety of the nuclear power plant. It seems more as if some of the aircrafts shows a special kind of curiosity. It's also possible that this flight behavior isn't recognized by our traffic control because it's too deep and too slow.

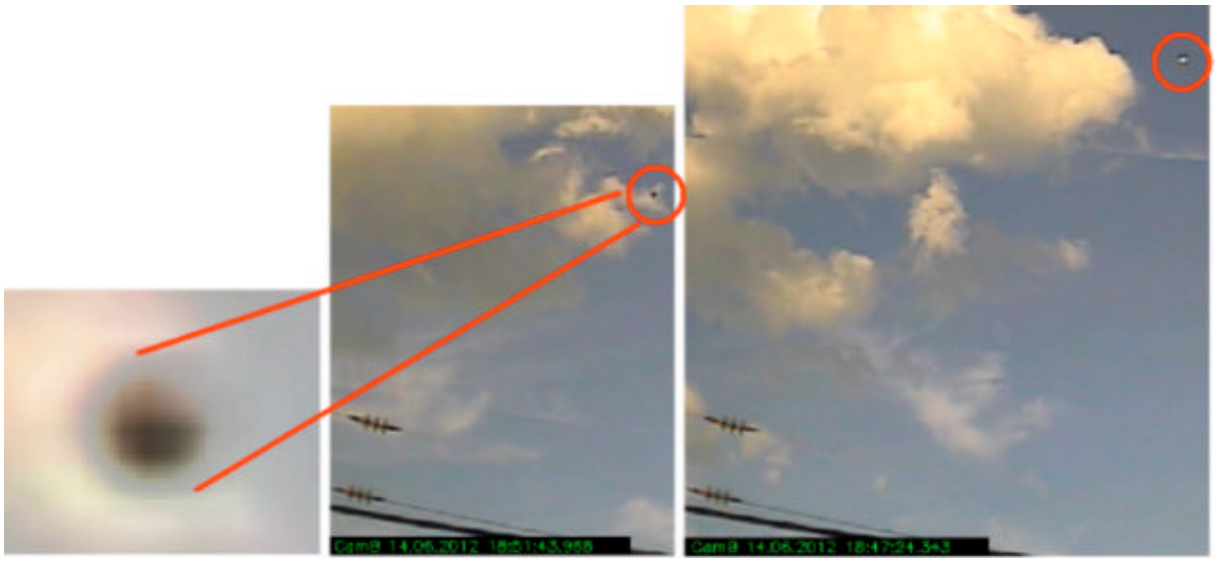
Throughout the monitoring period there was also a vast quantity of video clips which showed well known phenomena. In particular: lightning, aircrafts, shooting stars, the ISS and iridium flares. I am quite sure that in this documentation are none of these phenomena are documented as an unexplained sighting. Even infrequent reflections are sorted out by me.

UFO (1) in daylight above the nuclear power plant Neckarwestheim

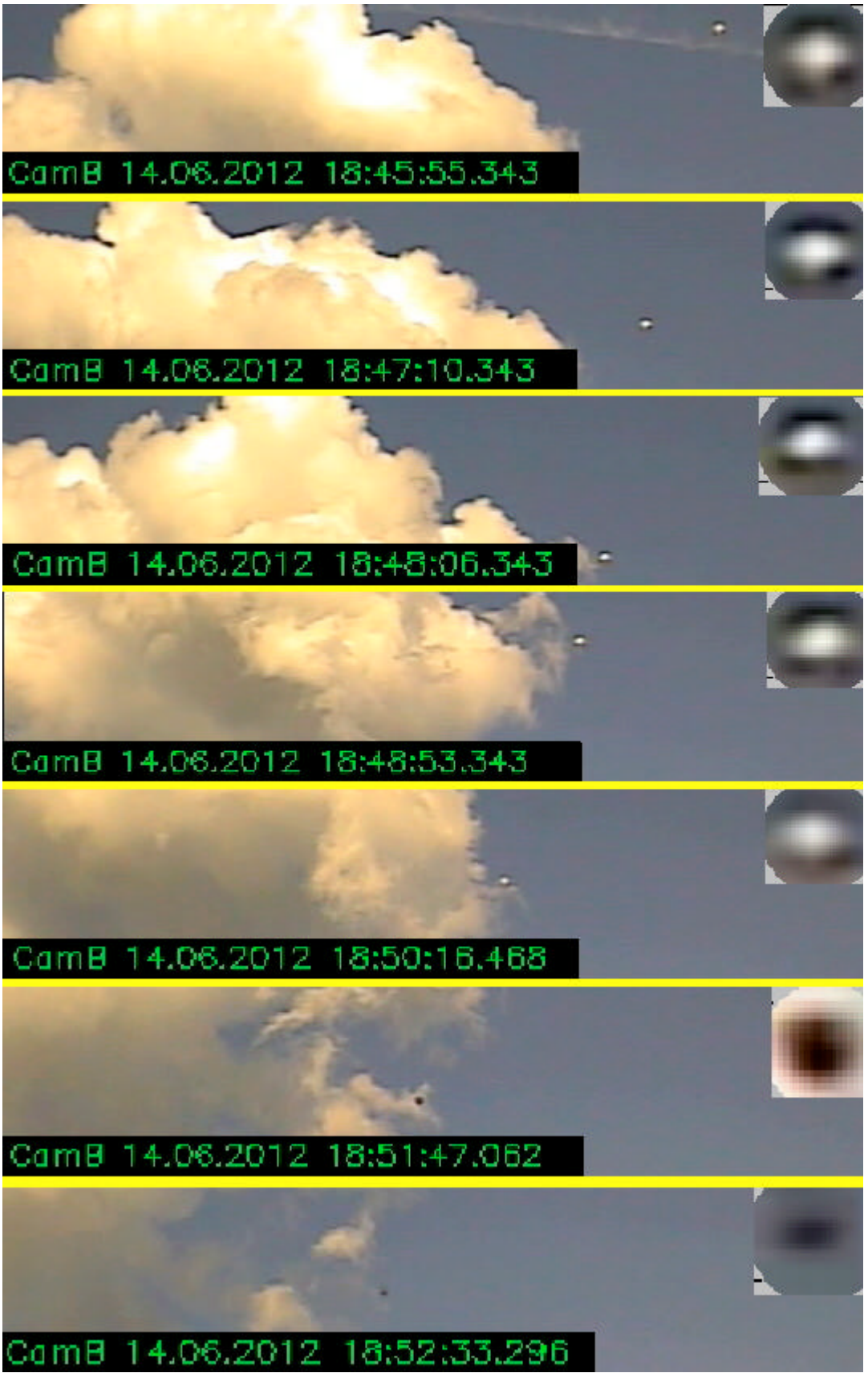
I will start with a really spectacular UFO sighting. Most of the monitoring videos were recorded in the darkness. However well recorded a video in the night is, in almost all of these cases they have a very definite disadvantage. You can also see one or more lights but you can't detect a possible aircraft behind them. This is quite different in daylight recordings and especially in this one here (recorded on Thursday, the 14th of June 2012). I monitored the airspace during the recording with two cameras. Camera A is a black-and-white camera for a complete overview. Camera B is a color camera which is focused on the exhaust cloud of the nuclear power plant. This camera combination makes it possible to detect approaching objects very early and as far as they fly into the cloud to record them in color and higher resolution. On the 14th of June this exemplary UFO approach has been documented with both cameras.



Here you can see the summation of individual images. Below you see a single image. As the result you can see the movement of the balls flight very good. For this photo series, which is shown in the summation, the ball needed 10 minutes (from 18:39:30 to 18:49:29). This is a very slow flight. The ball doesn't change its size. This suggests that there's no significant difference in the height between the appearance of the object westward and the disappearance of it in the exhaust cloud of the nuclear power plant in the East. As a result we now can calculate the approximate flight speed. On this eye-height-level the cameras detection range from left to right is about 5 kilometers. In this case that would mean a flight speed of approximately 30 kilometers per hour. This seems to argue for a balloon. But it isn't a balloon. The clouds you can see in the background move from north to south. According to three different weather stations, located in Mannheim, Stuttgart and Ilsfeld, the wind on this time comes from north-east, north-west and south-east with a speed between 3 and 10 kilometers per hour. But this not coincides with the direction of the flight of the ball. Especially remarkable is the fact that the ball becomes slower and slower the closer it comes to the exhaust cloud of the nuclear power plant. The period of observation of both cameras was between 6:39 and 7:00 pm. That's more than twenty minutes.



In addition to the flight behavior also a particularly remarkable change of the ball happened. When approaching, the color of the ball was white, and then it changed its color to a dark brown. The reason can't be found within the shading of the ball through the clouds or the exhausting cloud of the nuclear power plant. It's impossible that the clouds overshadowed the ball as it flows between the camera and the cloud because the sun was right behind the camera. The reason for the changing of the color is completely unknown. I even haven't an approach of an idea for the changing of the color. Other UFO researchers with whom I discussed this case also haven't a clue. The following image is a photo collage taken by the color camera. It shall give an impression of the circumstances how the ball flows into the cloud.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CamB 14.06.2012 18:50:16.468
CamB 14.06.2012 18:51:47.062
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As already mentioned especially the metamorphosis of the changing color is very remarkable. Here you can see the chronology from left to right.

The enlargement clearly shows that it couldn't have been a hot air balloon or something like that. The ball flows down inside the upward airflow of the water vapor cloud. All this is evidence that this object wasn't transported by the surrounding air currents. The ball seems to fly directly and intentionally above the nuclear power plant. The question which intelligence is responsible for the control of the UFO can't be answered here. Now there's still the question about the object size. I removed the cameras and measured them under controlled conditions. The result is an object size of 3-8 meters by an estimated distance of 2000 meters between the object and the camera. Our calculated value was about 6 meters in diameter.

I want to give the following comments as a summary of this UFO sighting:

Who or whatever piloted this object, proceeded very carefully. The airspeed was so low during the whole time of the observation that it may have been overlooked or ignored by the air traffic control. The estimated low altitude of 500-800 meters would be under any kind of circumstances below the monitored area of the civil air traffic control. It looked like a high-flying hot air balloon for observers and was thus not conspicuous. This apparent interest for the exhausting cloud of the nuclear power plant is still incomprehensible for us.

The exhausting cloud of the nuclear power plant is probably generated by the third cooling circuit and consists only of uncontaminated water vapor.

However, it's remarkable that such an airspace violation is not isolated with this case, but has already been documented several times by me. It's also important to note that in none of the video recordings I made, any kind of initial suspicion of a safety hazard to the nuclear power plant persists. All corresponding video recordings indicate that there are objects which fly into or through the exhaust cloud of the nuclear power plant and behave like it would be expected by measurement drones.

Flashlights at night above the nuclear power plant Neckarwestheim

Now I want to show several night shots recorded above the nuclear power plant and the water vapor cloud of the nuclear power plant. All this recordings have something in common: These lights appear only a short time in the sky, probably not more than a second. All these light phenomena are generally very faint. A video camera which is not as sensitive as those I use wouldn't recognize these light objects. I called these phenomena spontaneously flashlights. These short time light phenomena are also registered as flashlights within my documentation. Such flashlights mostly appear in starry nights but I also documented some of them under a blanket of clouds. I can only speculate what creates such light phenomena.

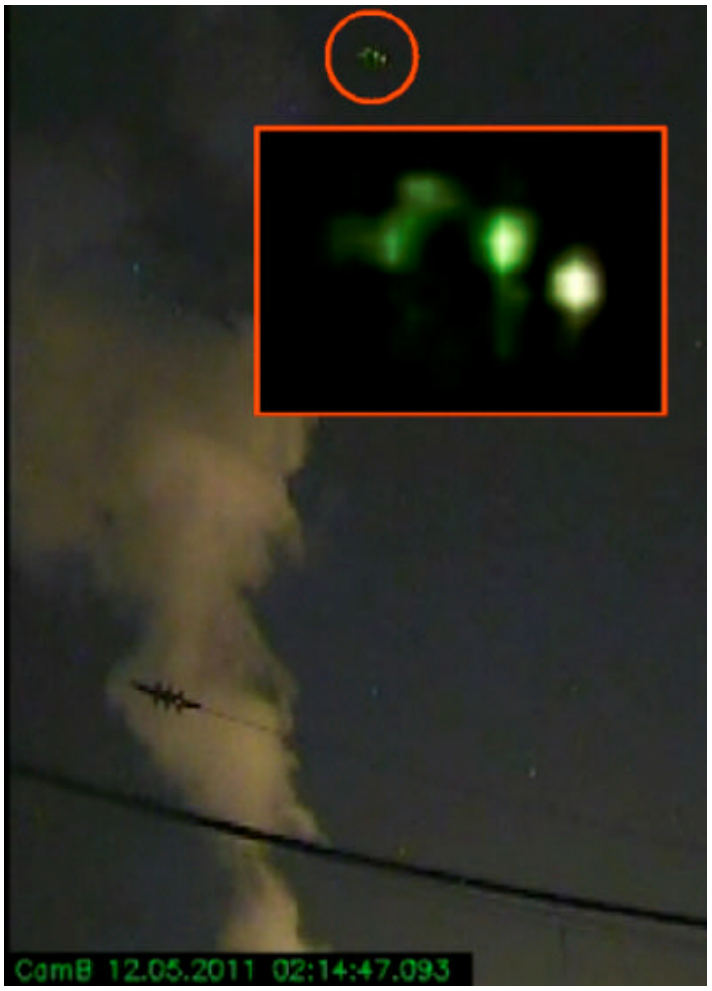
Most probable are certainly the following two conditions:

First: A whatever type of flying object with lighting rushes on with an incredible speed and stops abruptly. It than continued its fast movement and flies out of the camera range.

Second: It would be also possible, that an object flies without lighting and turns on the lights only for a short period of time.

Both seem to make no sense for us. Maybe there are more explanations.

Anyway, the following photos will just be commented in a short way.



The photo on the right side was taken in the evening of the 9th of March 2012 after a daylight-shot of a white-silver sphere.

The lightning object from the 22nd of February 2012 could be recorded with two cameras. The difference between the both camera images can clearly be seen. Camera B shows the object overexposed while camera A, which is much more insensitive, shows the object underexposed. Presumably the object was disc-shaped.

This object shines as bright as Jupiter who was also in the picture by chance. Again: no approaching or departure of the object can be seen. The stripes within the images are result of a camera bug I had at this time.

This object suddenly appears, than becomes smaller or faints and finally disappears abruptly within the next second.

The picture shows a group of lights of unknown nature.

These images show probably a similar phenomenon. Again, I can only speculate what can be seen on it. All these pictures have in common that the group of lights just appears for a short time in the sky.

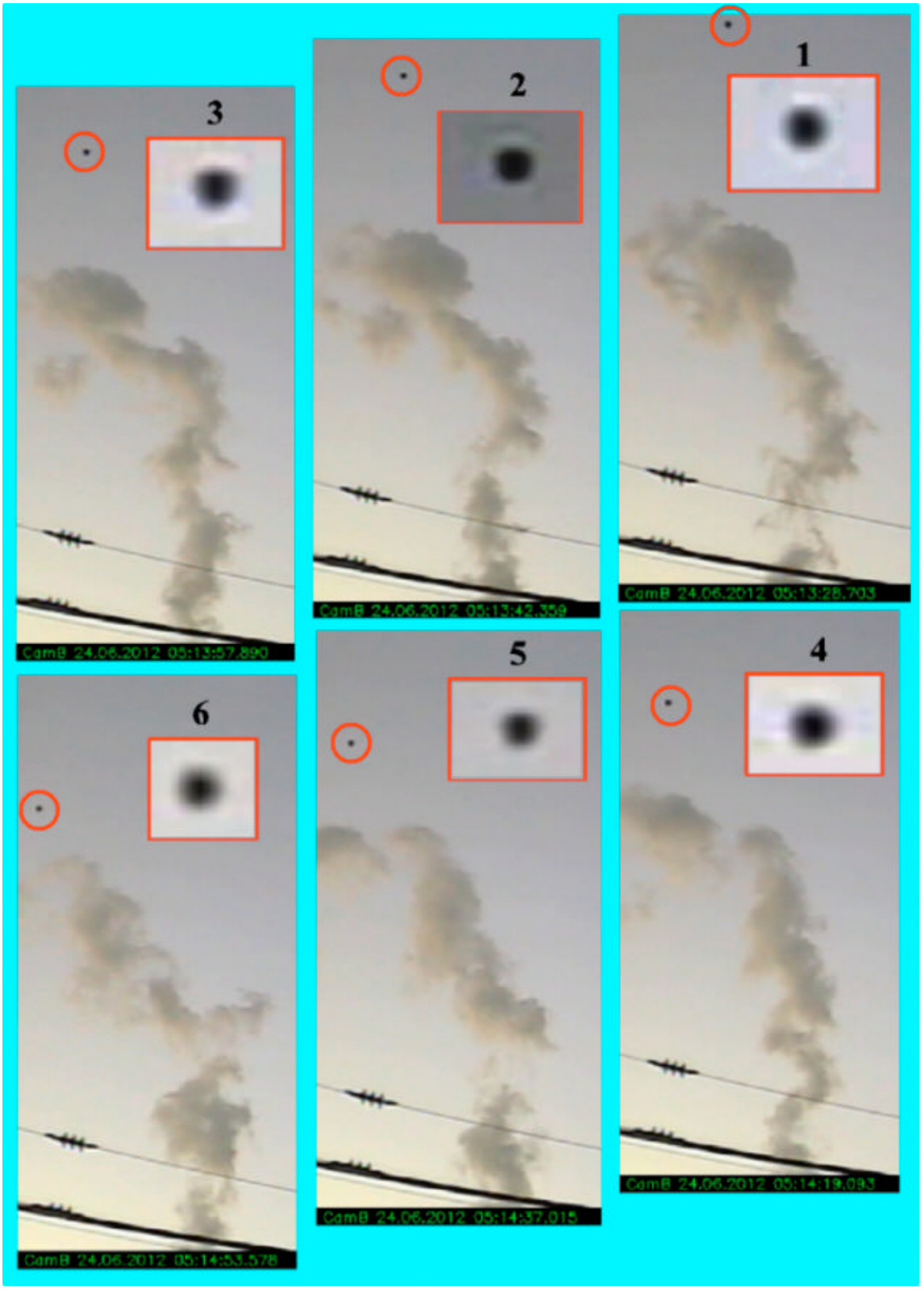
UFO (2) in daylight above the nuclear power plant Neckarwestheim

Another UFO sighting was documented on Sunday the 24th of June 2012. This sighting was not very long; it lasted just 3 and a half minutes, from 5:11:52 to 5:15:20. The brown/black colored ball flew from north-west to south-east. The object again slowed down the closer it came to the water vapor cloud of the nuclear power plant. It indicates again a specific, intelligent controlled approaching on the nuclear power plant.

On the left side you can see the approaching as it was recorded from the monitoring camera A. The totals screen superimposed the single video images.

The background bove the nuclear power plant was too bright for this camera, so the picture is overexposed. On the right side you can see a comparable totals screen of camera B. On the totals screen of camera B (1 frame per second) you can clearly see the

significantly slowing down of the balls flight. One can only speculate about the size and the actual speed, since the ball not immersed into the water vapor cloud of the nuclear power plant. Through this circumstance no reliable statement about size and airspeed can be made.



Some hours before this sighting the following frame of a flashlight were recorded. Whether there's a connection between these two events can't be said but it's very strange.

Light trails at night in the sky above Neckarwestheim

Now I want to show four very remarkable shots of the night sky. Whether this light trails are related to the nuclear power plant or not I can't say, but all of this phenomena located in the sky above it. That aren't all recordings, there is also a whole range of shots, but they are all significantly shorter and not so interesting in my opinion.

In all of these events there was only one frame in the video recording where the phenomenon was visible. The form of appearance is roughly equivalent to that of the phenomena I called Flashlights. The most important differences are the size and the changing of the color patterns. I haven't enhanced the original pictures in contrast.

I can only speculate about the nature of this phenomenon. I'm only certain to know what it isn't. They aren't shooting stars or other astronomical events. It also can't be flight paths of aircrafts, missiles or something like that.

After assessment of the circumstances I come to the following assumption: They seem to be very fast flying objects which come with color changing, flashing lights. Especially in the last picture from the 4th of September 2011 there are many references to this.

The object seems to fly underneath the clouds. Suddenly the object changes its direction by more than 10 degrees. In an anticipated cloud height of 2000-3000 meters, the length of the flight path would probably be more than 3000 meters. If I allocate the distance on the time of one second, I get approximately an object speed of about 10.000 kilometers per hour. The color change respectively the flashing of the object would occur with 7 HZ.

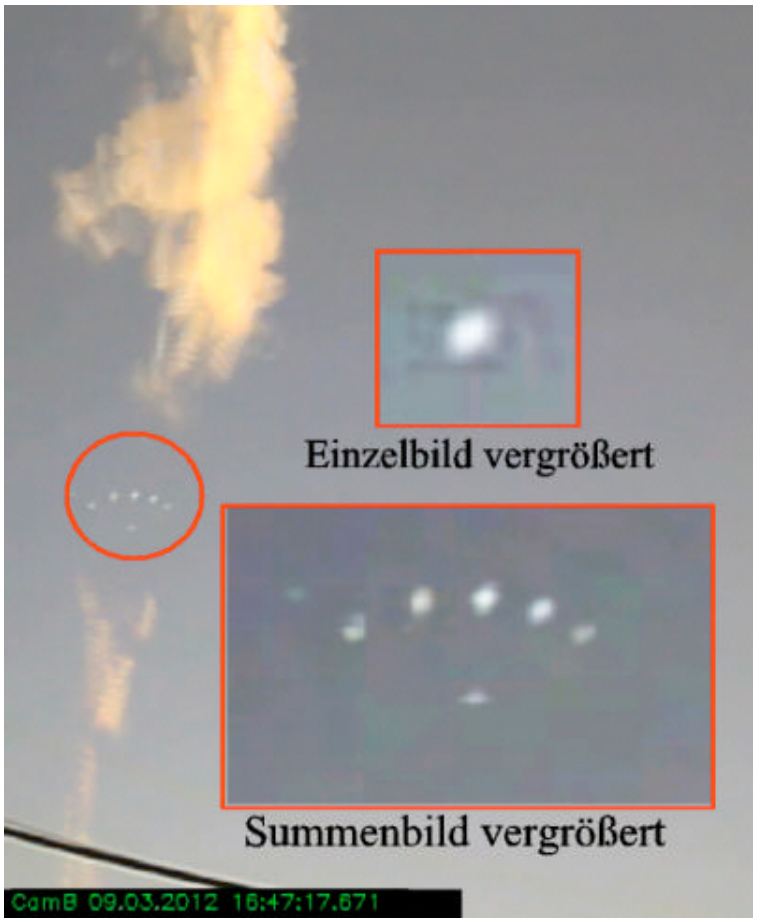
There are currently no man-made aircraft which is able to fly with such a speed underneath the clouds. Also, the abruptly change of direction at this speed isn't feasible with our current technology. With our technology such a high speed necessarily expects a sonic boom. But in this case no sonic boom has certainly taken place. Such a change within the air pressure would have shaken my UFO-sensor in a way that the system had automatically recorded it. But such measurement values I had at no time.

UFO (3) in daylight above the nuclear power plant Neckarwestheim

Now follows the documentation of a white-silver colored disc. If you look on the flight behavior it seems like it probably made an inspection flight through the water vapor cloud of the nuclear power plant. When I had a deeper look on the video for the first time I couldn't exclude the possibility that it could have been a measurement drone from Greenpeace. On Sunday the 11th of March 2012 was an anti-atomic-demonstration around the nuclear power plant. My first thought was, that maybe Greenpeace or other activists sent a quadrocopter or something like that with measurement instruments into the cloud on the Friday before the demonstration, the 9th of March 2012. So I started an accordingly request to Greenpeace. But Greenpeace denied their responsibility. There would be no reason to look for possible radioactivity within the exhaust cloud of the third cooling circuit according to Greenpeace.

The ball could be filmed for 2 minutes between 16:47:06 and 16:49:11. The behavior of the ball is exactly in the way you would expect it in a measurement. Surely, that isn't a bird or a balloon in the updraft of the water vapor cloud. The flight path is often contrary to the air flow, which can be seen good on the basis of cloud. On one time there is also an apparent jump down.

The flight behavior is certainly externally controlled. Also amazingly is the fact that the ball always comes from the left side into the frame range. The estimated size of the ball is probably 2-3 feet in diameter. The flying off the cloud takes place within seven levels, from the bottom to the top.



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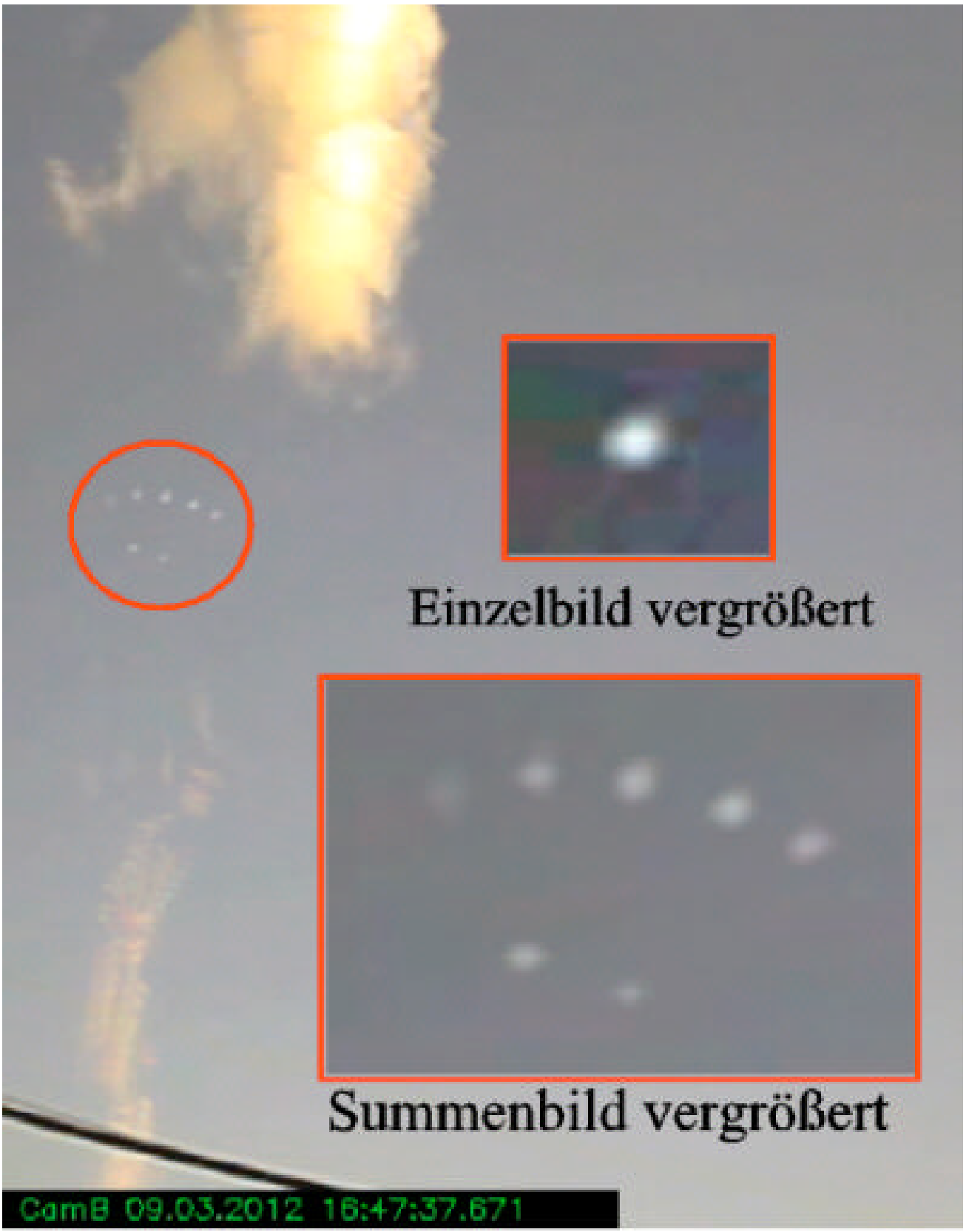
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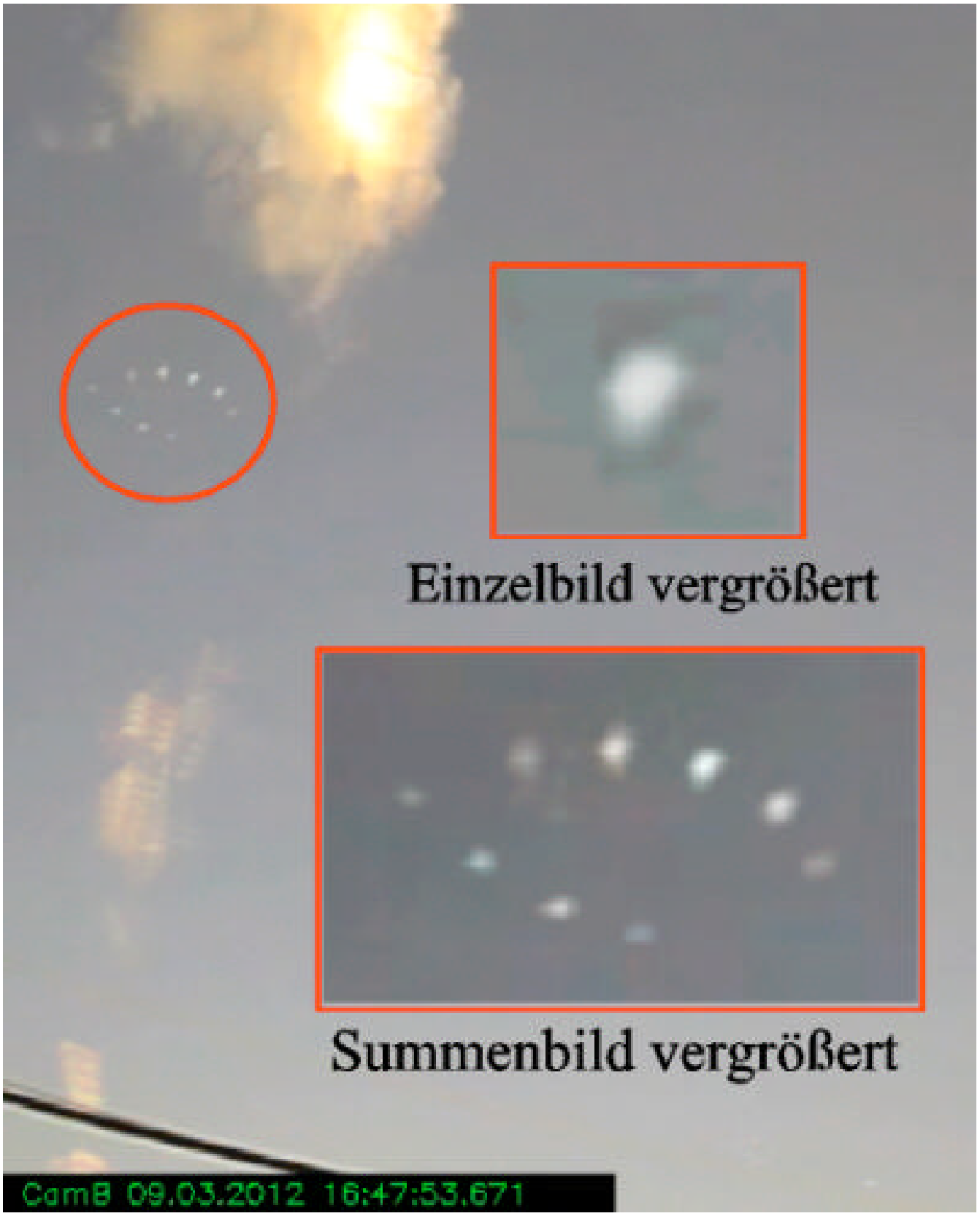
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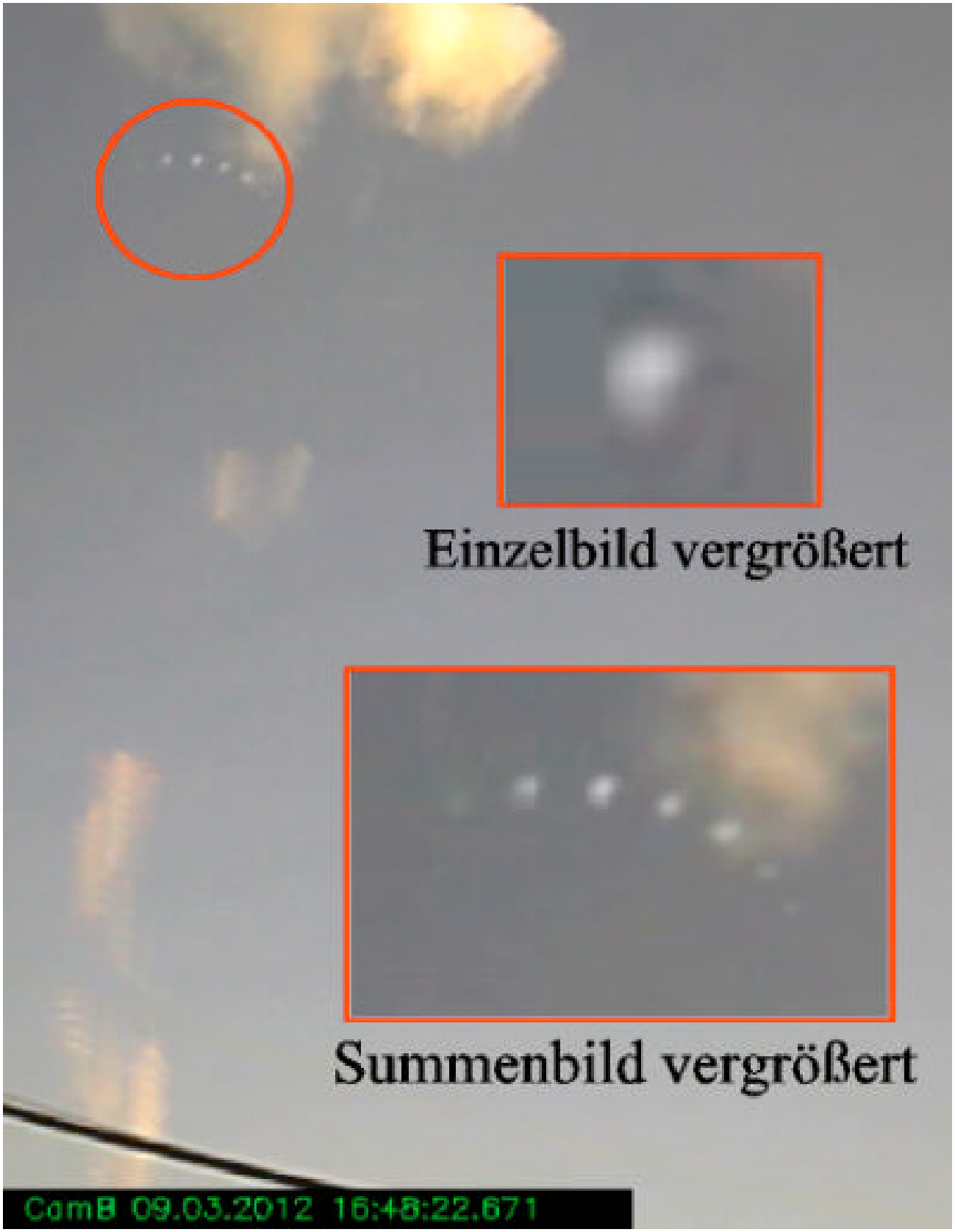
Level 4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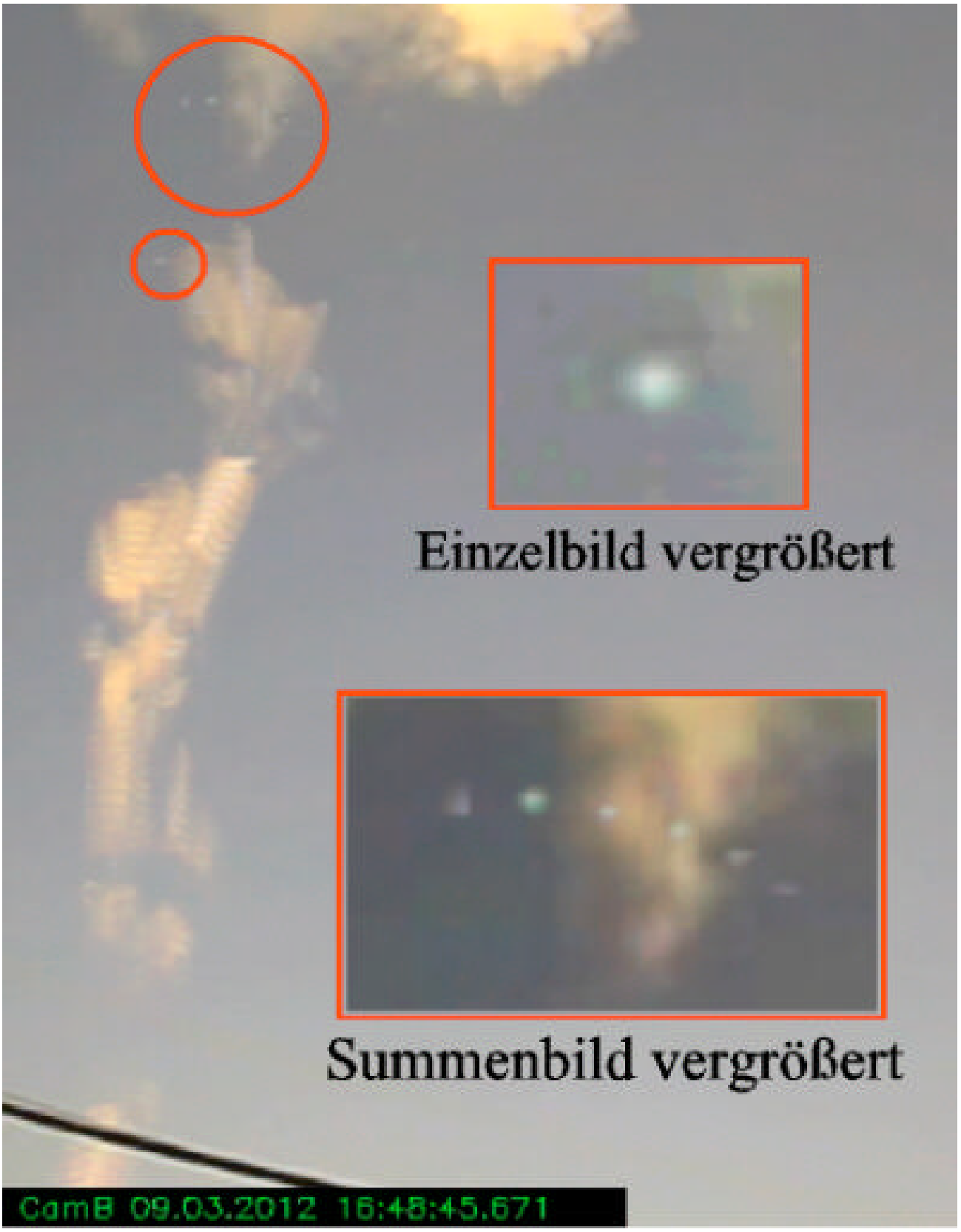
Level 5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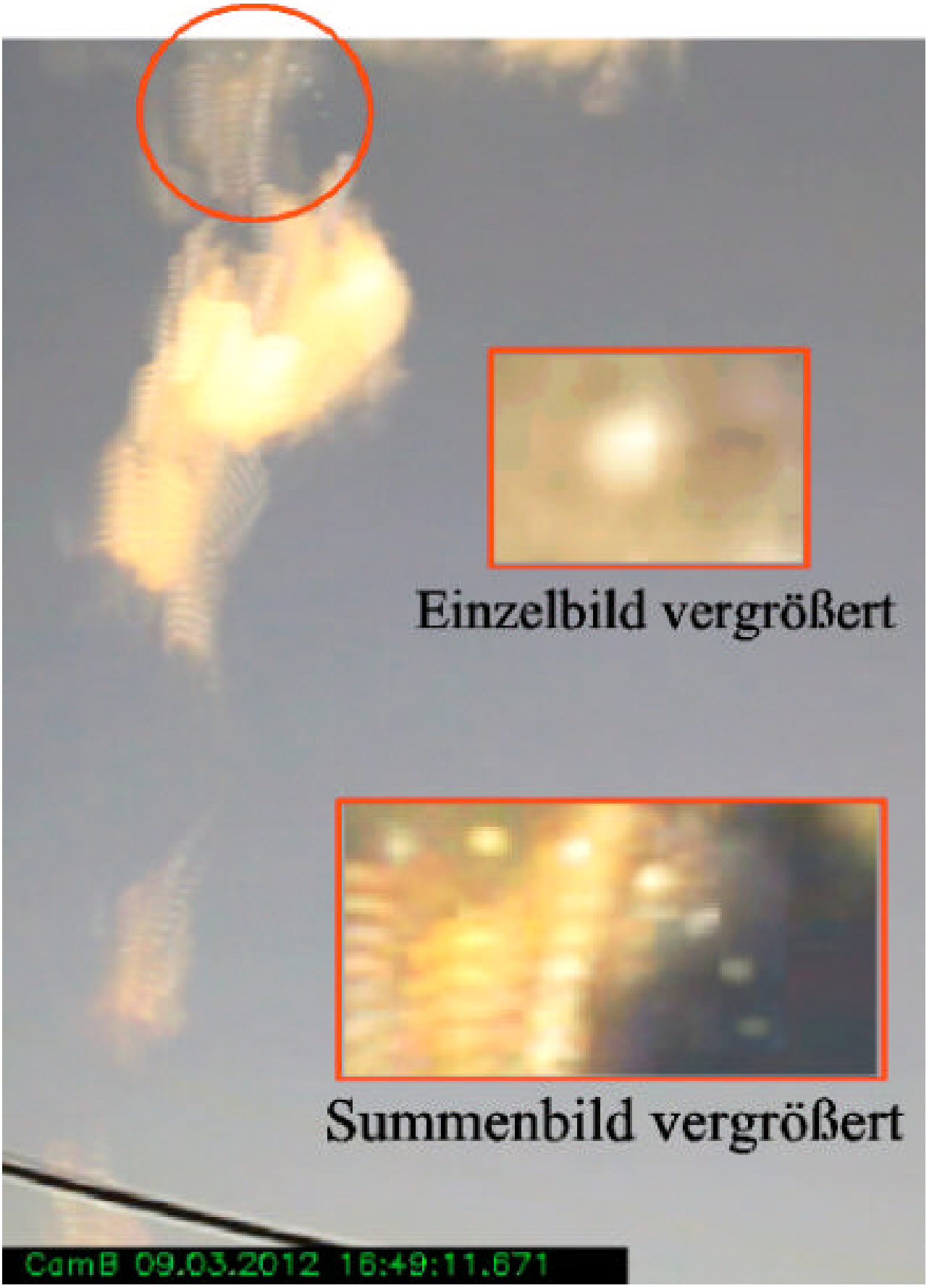
Level 6


Einzelbild vergrößert
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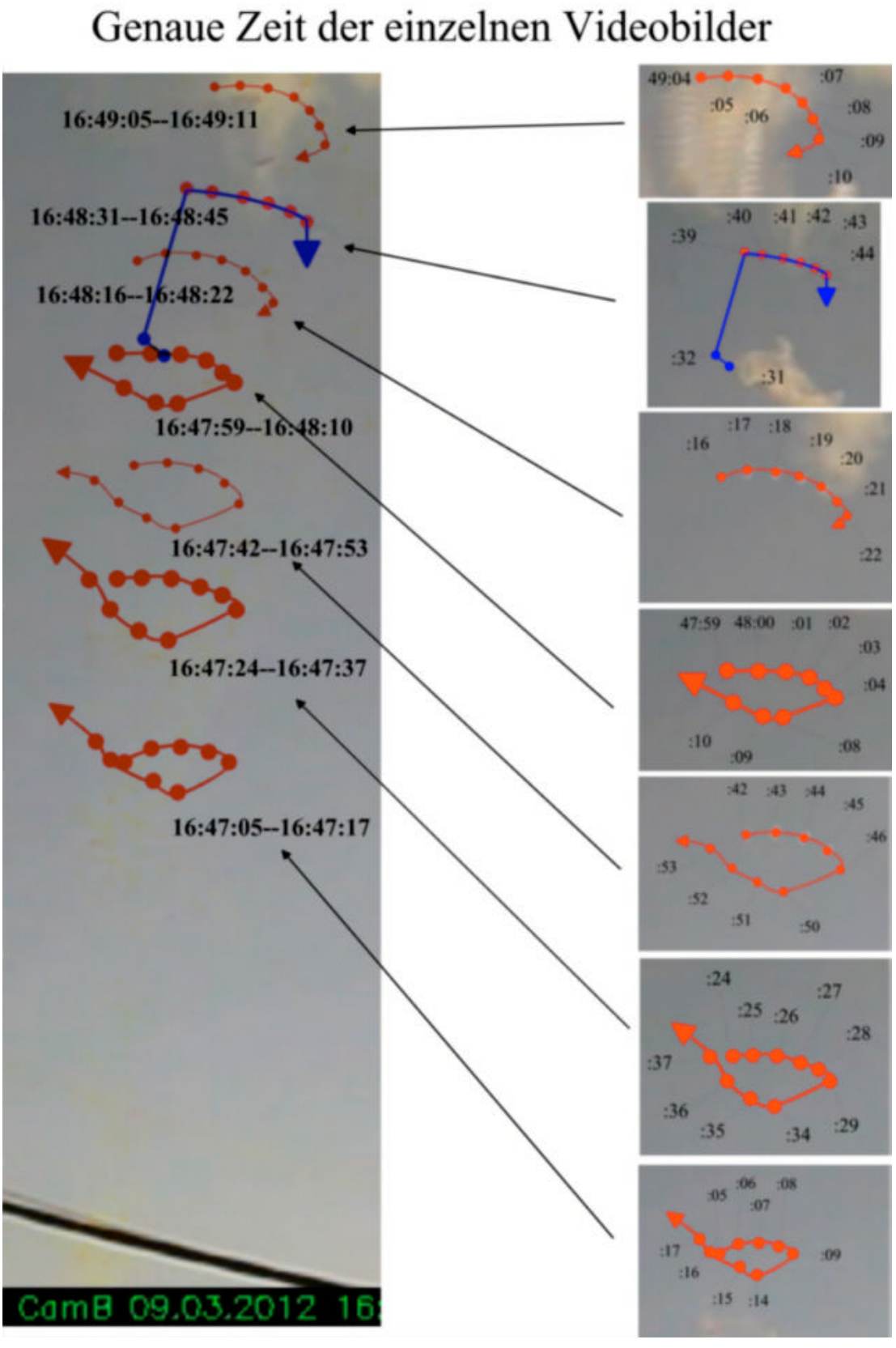
Leve 7

The following graphic shows the sighting-levels and the course of movement of the flight path. For a better identification I've outlined the current position of the ball in red color. Of particular interest is the flight behavior which is therefore shown here in blue-color. Within seconds, the ball (not visible) drops back from level 5 to level 4. Just seconds later it appears on level 6. This is a conclusive evidence for an intelligent control of the ball, regardless of the prevailing thermal air flow. I can't answer the question what exactly stays behind this object or who controls it. According to my experience is this a further evidence of an UFO.



Mysterious stripes of light on monitoring videos

It occasionally happens that the monitoring videos have documented things which are really out of the ordinary. This include in particular lightning stripes of different colors in the night sky. So far these light phenomena can't be described with any explanatory model. The lack of possible explanations presumably indicates a yet unknown physical cause. With great limitations the cause could be an as yet unknown natural phenomenon. For a part of these light phenomena it's much more likely that they have an intelligent technical background and this background seems to be not from earth.

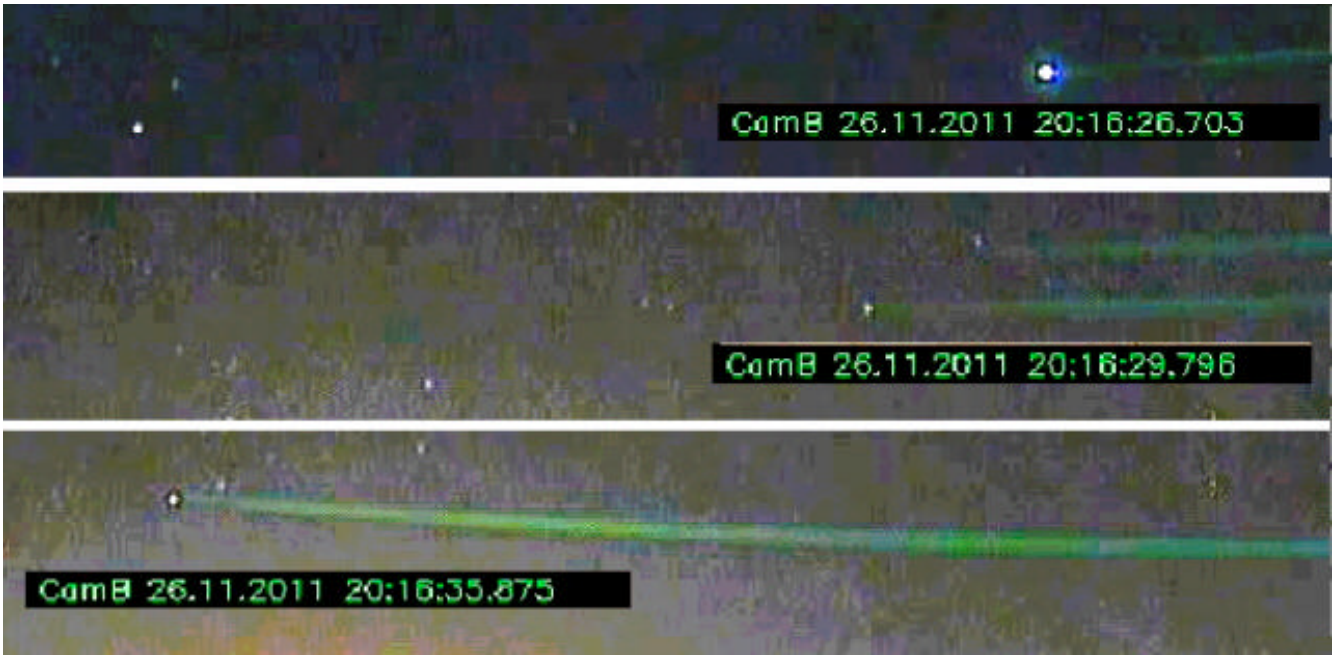
Germany/ Baden-Württemberg/ Neckarwestheim// 26.11.2011// 8.16 p.m.

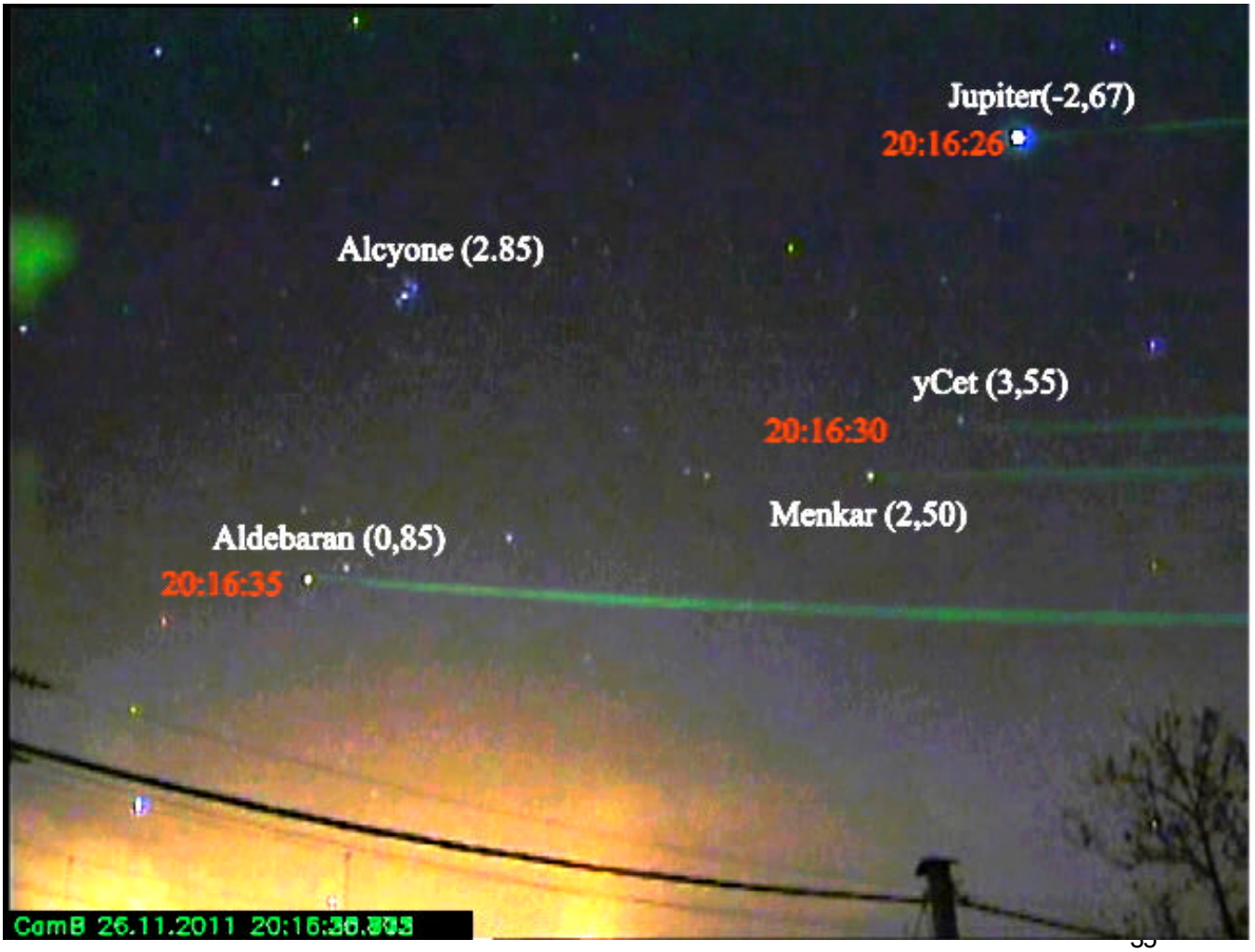
Within 12 seconds stripes of green light appeared on the clear night sky one after another. The appearance of the individual light stripes was less than one second. An accurate estimate of the time of the appearance is not possible because both cameras only recorded one image per second.

The used video cameras were: a colored-camera with automatic long-term exposure up to two seconds and a black-and-white-camera with an exposure time of four milliseconds. In combination of these two cameras, the color rendering, the light intensity and the mode of origin of the light stripes was documented.

Here I want to present a totals screen of the color images.

The cause of the light stripes may be outside the right edge of the picture. This is just an assumption since none of the frames allow a certain statement if the lightning stripes come into the picture from the right side or if they start within the orbit of astronomical celestial bodies.

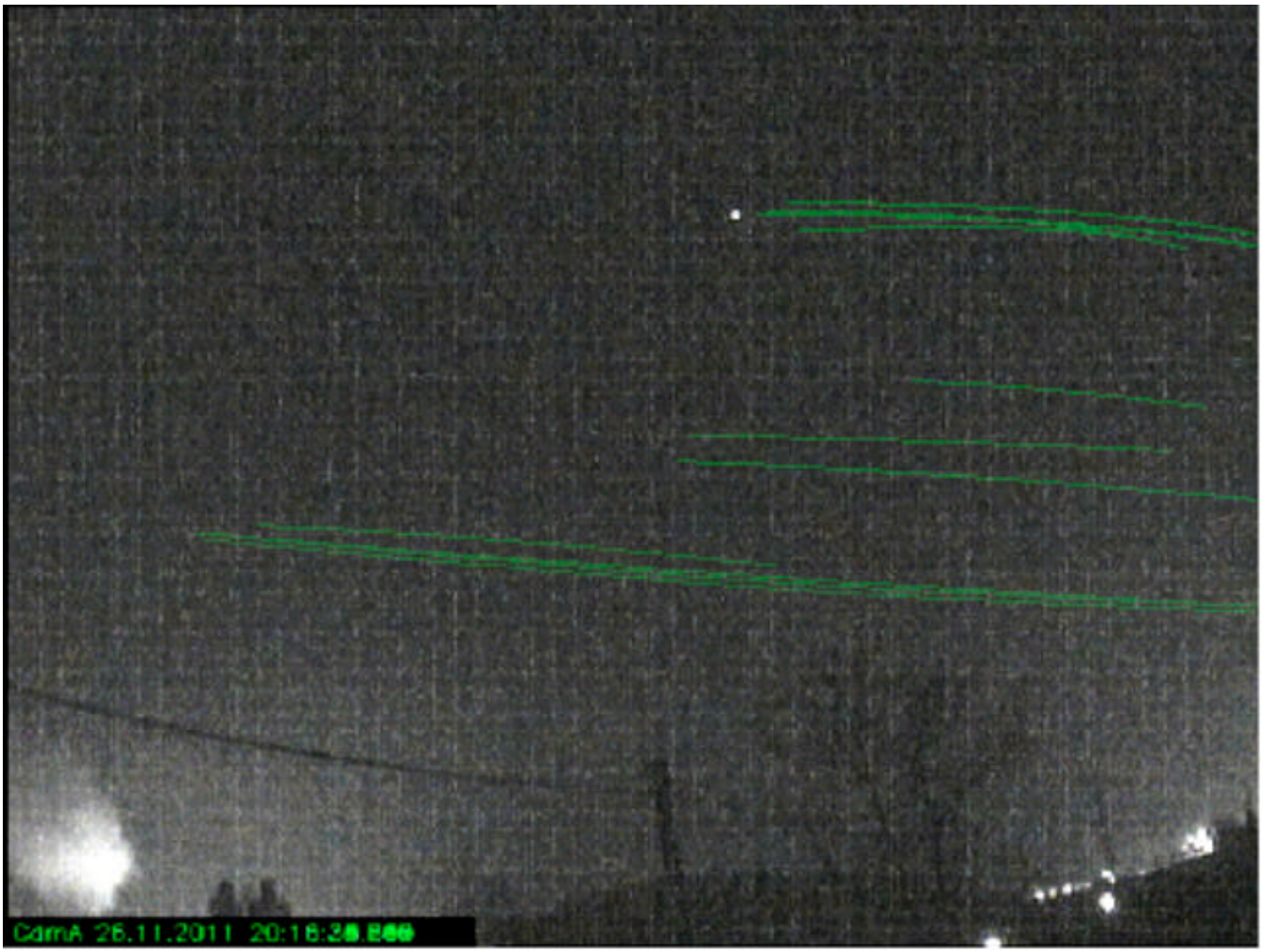




Here the astronomical bodies are named with the appendant brightness. The time refers to the appearance in the video.

Since the astronomical bodies are light years away from each other and the Jupiter is part of our planetary system, the assumption that it is a phenomenon within the Earth's atmosphere is mandatory.

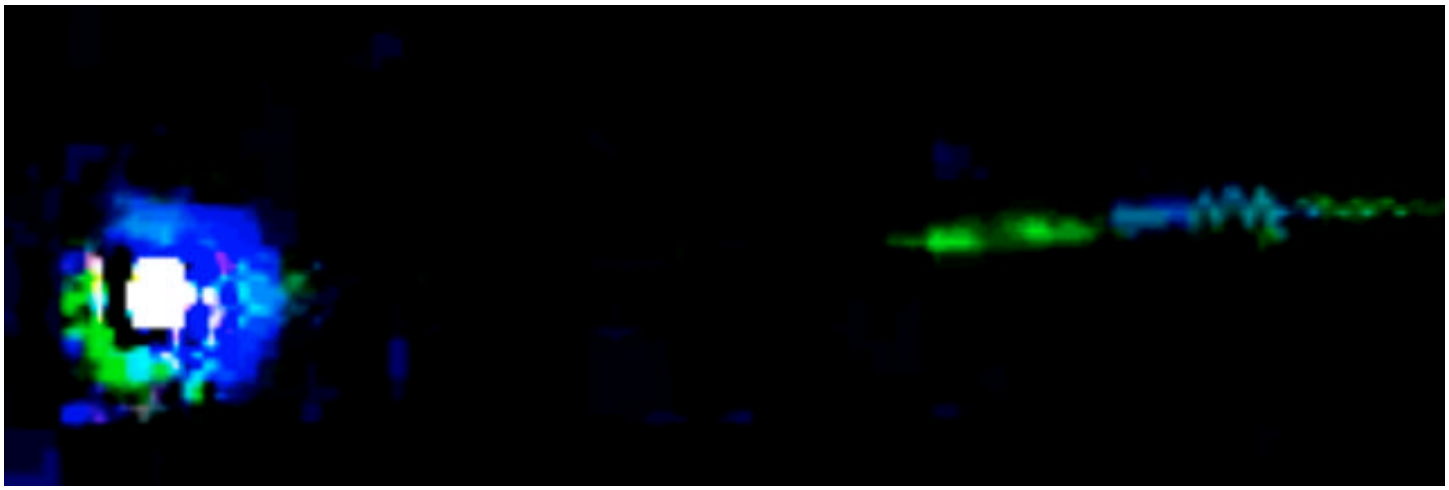
The following picture is a totals screen of all black-and-white images. The contrast of the original images is of such a poor quality, that the gray light stripes were subsequently highlighted in green.



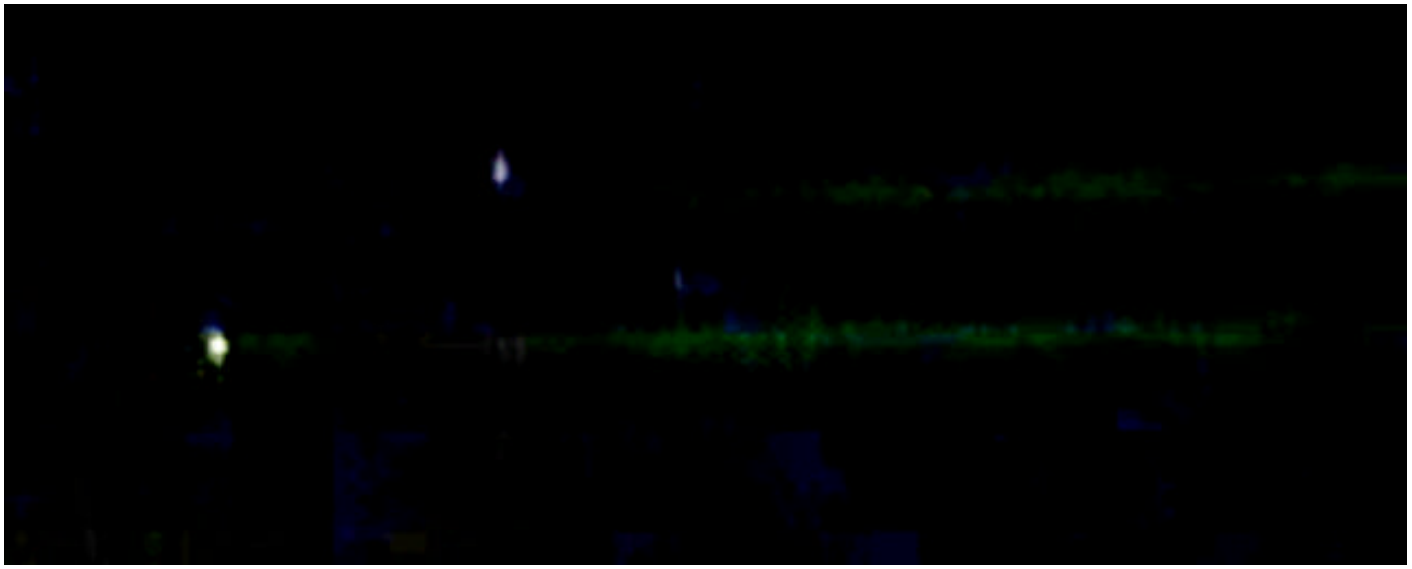
Here you can see that there are several individual light traces in each case. The shortening of some of the light traces are probably an effect of the low-light-sensitivity of video camera A.

Video camera B probably reproduces an optical average of the light stripes.

The light stripe of camera B in direction to Jupiter is magnified and enhanced in contrast here.



As far as they aren't enlargement artifacts, the picture makes clear that the light traces have a wave pattern.



Also the light traces in direction to „yCet and Menkar" gives an allusion to a possible wave pattern.

Here is a visual comparison of a recording with the same type of camera. It's a green high power laser beam generated by us.

This laser beam was only a few meters away from the video camera. The visual appearance is in no way comparable to the recording of Neckarwestheim.

The green color of the light stripes above Neckarwestheim indicates a similar effect like the origin of the Aurora Borealis (northern lights). The Aurora Borealis occurs in about 100 kilometers above the ground. Responsible is a collision of protons and electrons with the atmospheric oxygen.

What kind of explanatory model could be used for these light stripes?

Astronomical phenomenon:

The stars and the Jupiter where the light stripes starts and end are so far away from each other that such a phenomenon is quite impossible.

Laser beam:

There are two reasons which definitely argue against a laser beam or a comparable light beam.

Where should be the point of view where the beam was sent from? At this angel height are basically just planes or helicopters capable. Such an aircraft had to change its position in the air significantly within seconds.

Which kind of light beam ends abruptly? And especially on what kind of light source far away outside the Earth's atmosphere?

---A laser beam or another light source is definitely ruled out.

Reflection:

Basically a reflection is always an element of uncertainty while shooting. In this case we have the camera lens and in front of that a protective pane of glass. Here we have again two reasons which argue against a reflection.

The cause of a reflection is a light source. But such a light source can't be found here. This apparent light source had to be also very mobile and had to have other exceptional characteristics.

The abruptly stop of an assumed reflection in front of astronomical bodies defies such a hypothesis.

---One whatsoever reflection definitely ruled out.

Aircraft or model aircraft:

There had to be a coordinated flight of several aircrafts in both cases. This is in the existent time of just 12 seconds impossible. And certainly an aircraft would be recognized as an aircraft by the cameras.

Aircrafts with green lights (position lights or LEDs) are definitely ruled out.

Other possible explanations based on our current knowledge are unknown to me. In the end: what's behind this light phenomenon can't be said with certainty. I think that on the basis of observation and its extraordinary appearance it's legitimate to establish hypothesis.

The most likely scenario is that several flying objects moved at the edge of our atmosphere with a very high speed. Due to the very high flying speed, it may have come to an electrical interaction with the oxygen atoms in the air. Then green light is radiated similar to the effect of an Aurora Borealis. The luminous traces indicate an intelligent background. Therefore meteors and space junk rules out as the cause. Now we want to talk about the key parameters for the calculation of the flight path and the airspeed as the outcome of this.

BASIS FOR CALCULATING THE (HYPOTHETICAL) LENGTH OF THE LIGHT STRIPES AND THE SUPPOSED AIRSPEED

For this I positioned a folding rule with a length of two meters so far away from the camera while the focal length remains constant that it filled the entire screen width.

The required distance adds up to 2.60 meters.

Now we can calculate as follows:

At a distance of 2.60 meters, the image width adds up to 2 meters. 2/2.6 = calculation factor is approximately 0.76

If the assumable distance between the camera and the light stripe 100 kilometers, the result would be a visual field of approximately 76 kilometers (100 km x 0.76).

In that case the dimension of the longest light stripe would be more than 50 kilometers. The light stripe developed in a maximum time of one second. The outcome of this is a hypothetical object speed of 180.000 kilometers per hour at an altitude of 100 kilometers.

In a supposed altitude of 10 kilometers, the object speed would be 18.000 kilometers per hour.

These calculation examples illustrate clearly how fast the objects are moving. Of course the altitude can only be estimated. When the glowing effect is based on a reaction with atmospheric oxygen, the altitude certainly has to be more than 60 kilometers above the ground.

That leads to the hypothetical question: what is the point?

There are testimonies from all around the world which describe how a part apparently uncoupled from a star and flew away. But things like that are impossible. But if the witnesses described an object which optical parked in front of a star and then flew away, it could be taken as an indication of the sudden ending of the light stripes. Could the video recording of Neckarwestheim be an indication that objects approach very quickly and get into position in front of bright celestial bodies? It's amazingly that in each case the number of individual flight paths is proportional to the light intensity of the celestial bodies. If we presume an intelligently controlled aircraft, than we have to rule out an earthly high technology. We don't have these technical skills yet. Under such circumstances an alien technology is the only possibility. Is this video a further evidence for extraterrestrial intelligence?

UFO (4) in daylight above the nuclear power plant Neckarwestheim

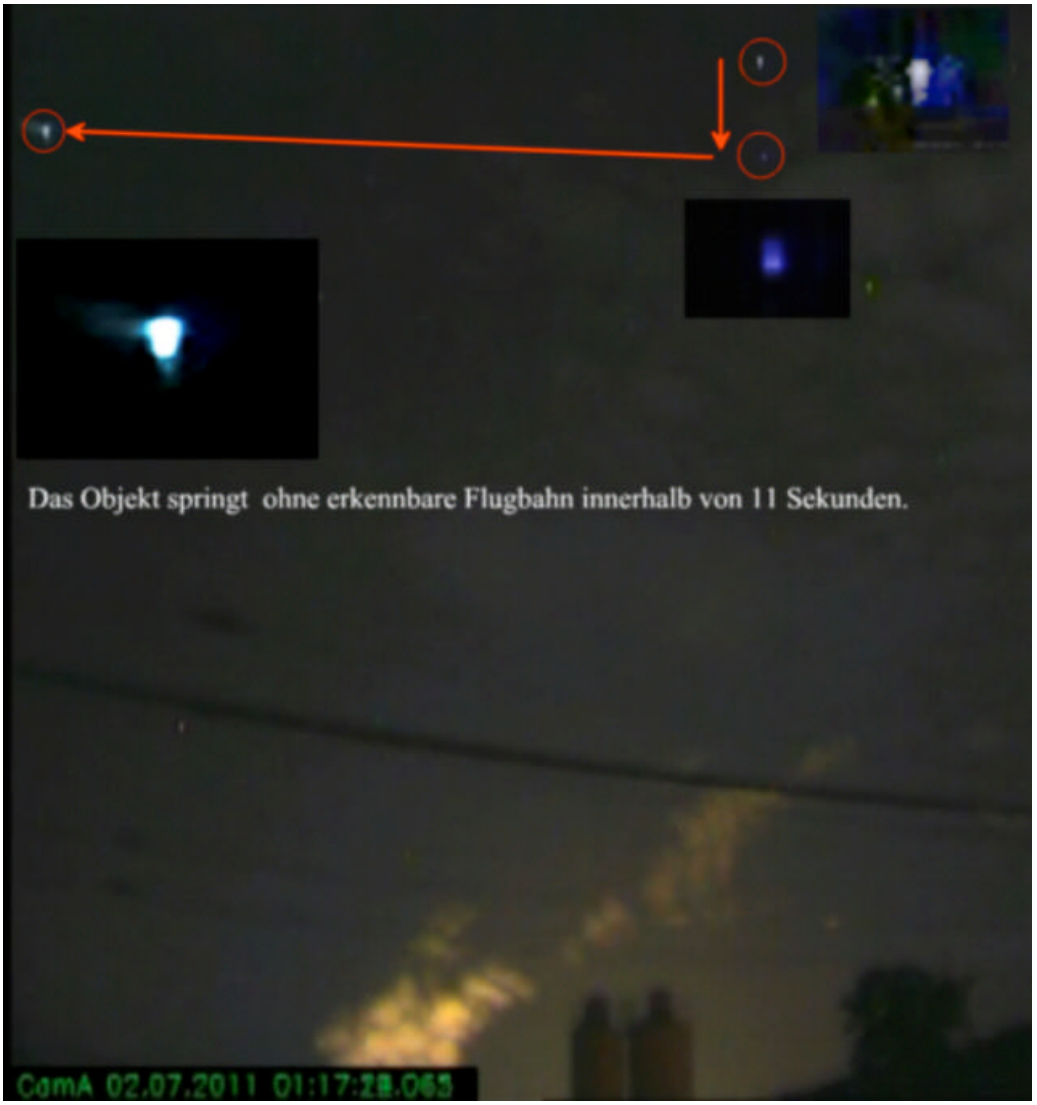
On the 10th of May 2012 between 6:31:09 and 6:42:17, for more than 11 minutes, this

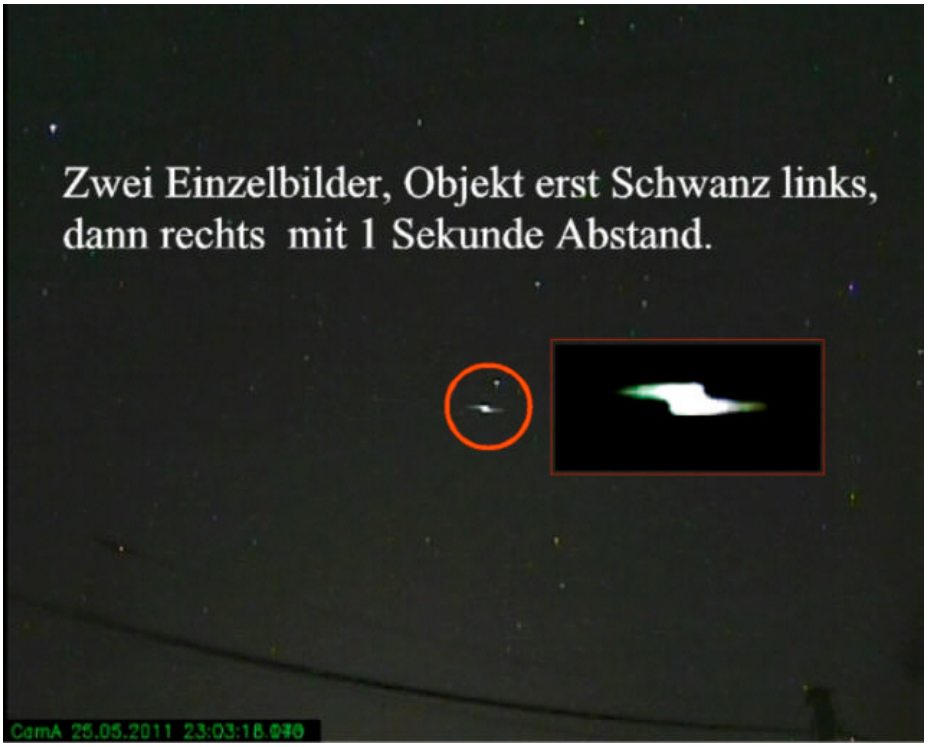
disc was documented within the cirrostratus.

The sky was clear but hazy in the hour before the recording. Therefore I can rule out that this is an astronomical celestial body which is half hidden by clouds. During the observation the disc is covered several times through clouds and then released again. This disc seems to hover statically in the sky. There are only 3 sequences in the 11 minutes where the disc moves for a short time (1 till 3 seconds) a little up- and downward. All of these disc movements where very small but clearly visible. The angle of approach of the disc also changed small but steadily. Due to the prevailing cloudiness there was probably always only a part of the entire disc visible. In the end of the video recording you can see a moving in of more clouds which finally covered the whole sky and make a further view of the object impossible. The second camera (camera A) couldn't see anything in the clouds as it has no auto aperture and it recordings therefore were slightly overexposed.

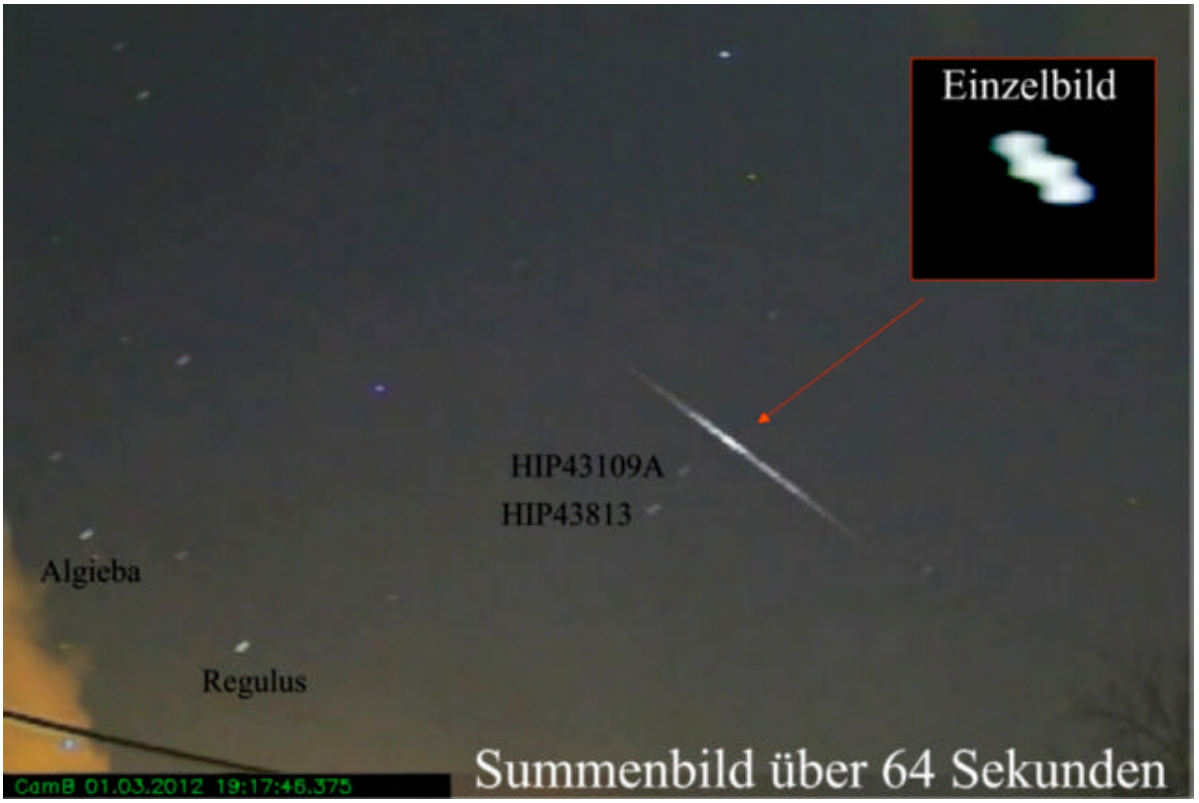
Strange things at night in the sky above Neckarwestheim

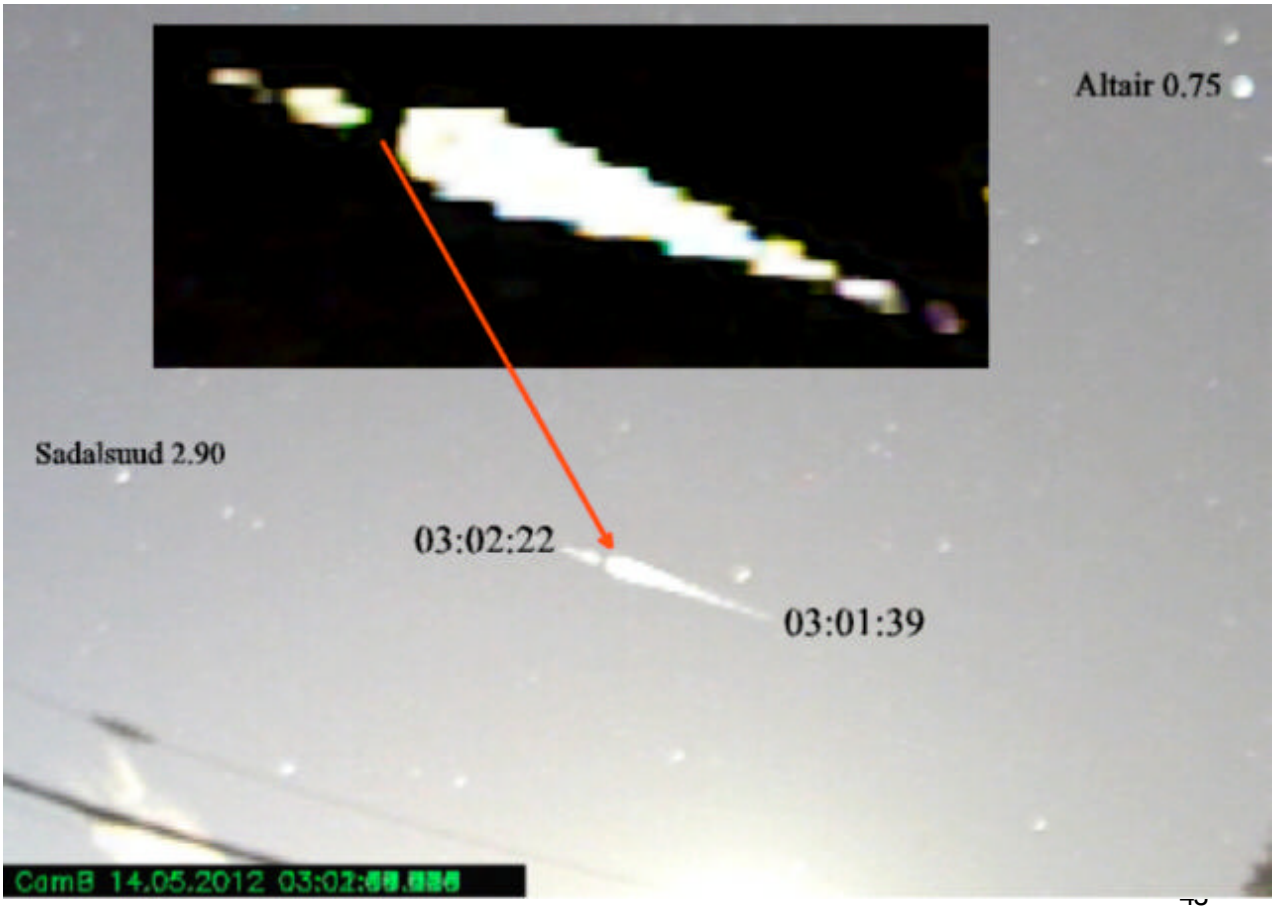
Now I want to give a short summary of strange video recordings from the night sky. It's just a small part of the video recordings for which I have no explanation.





The limage shows probably the same object as it flashes within the 11 seconds. The next image seems to show an object which approaches fast, stops, then moved down for a short time and takes off again very quickly. The left image documents the approaching and departure of an unknown object.





This frame shows a very fast approaching object, presumably at low altitude. Despite the high visibility the approaching is not visible. This phenomenon can't be explained by conventional aircrafts.

Something very strange was documented here. The object seems to be in the altitude of the ISS when you look at the flying characteristics and its brightness. But it isn't the ISS. Especially inexplicable is the interruption of the flight path. And it can be seen on both cameras. So it has to be a real effect. Is there maybe an unknown large staggering satellite on which solar panels the light reflection of the sun is rhythmically interrupted?

Something very strange was documented here. The object seems to be in the altitude of the ISS when you look at the flying characteristics and its brightness. But it isn't the ISS. Especially inexplicable is the interruption of the flight path. And it can be seen on both cameras. So it has to be a real effect. Is there maybe an unknown large staggering satellite on which solar panels the light reflection of the sun is rhythmically interrupted?

Physical Influences

Since the year 2008 we strike a new path of modern UFO research. The active UFO research is based on automatic monitoring systems, which consists of a combination of sensors and equipment for video recording. In some cases this kind of active research can provide a causal link between physical measurements and the recorded pictures. Such a lucky chance is documented below. Located is the case above the nuclear power plant Neckarwestheim in Baden-Württemberg.

The distance between the monitoring station and the nuclear power plant is about 1500 meters. In between there's a hill that prevents a direct line of sight. However, the sky from about 100 meters altitude and above the nuclear power plant is good to see.

In detail the monitoring station consists of a headlight housing in which two high-quality black-and-white video cameras are installed. The housing is fixedly mounted on the outer wall.

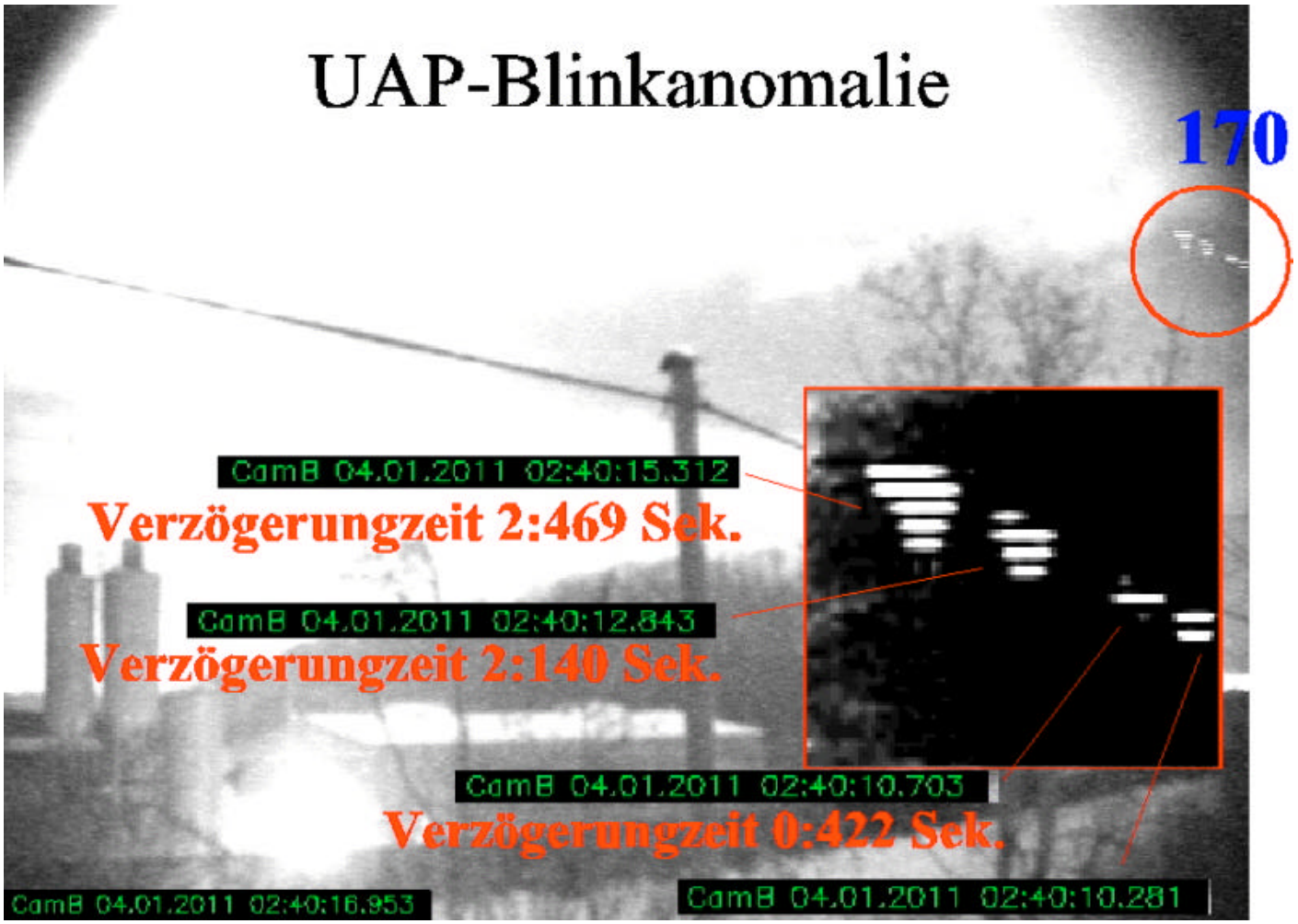
The sensors, the processor and the video recorder are located in an aluminum case underneath a side table in the room behind the outer wall. For an effective impact sound insulation, the case stands on a blanket.

The physical measurement values come from three magnetic field sensors which are aligned on the spatial directions X/Y/Z. There's also fitted a three-axis acceleration sensor for the spatial axes X/Y/Z. The acceleration sensor is used here as a gravitational sensor. The acceleration sensor is in this situation always at rest. Therefore, a possible changing of the parameters can be considered as gravitational influence. Attached you will find the data sheets of the sensors as PDF-files.

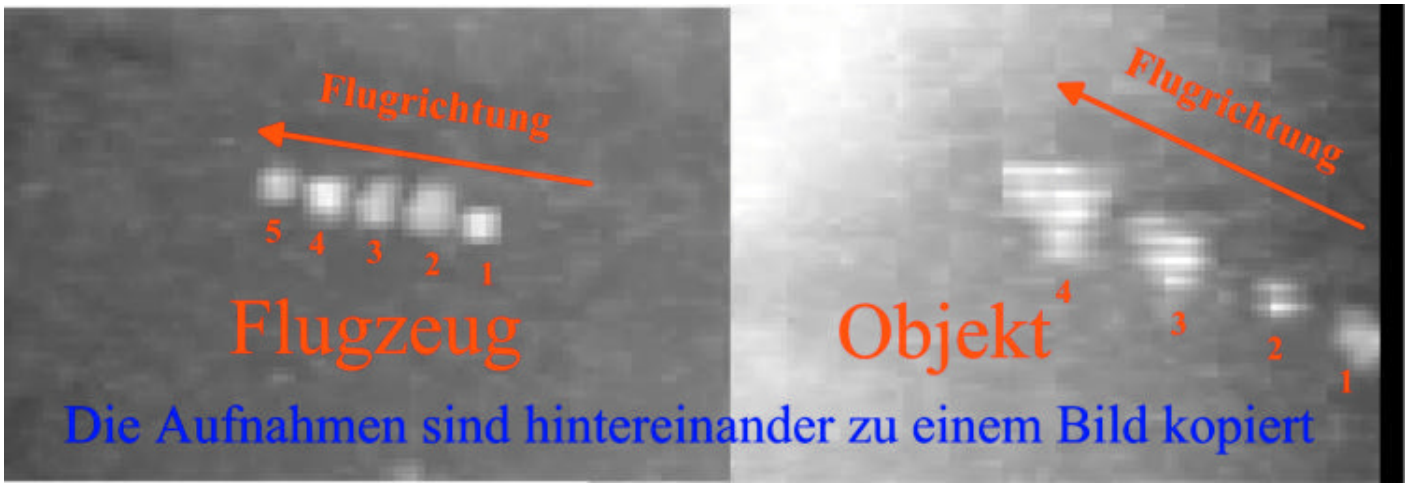
On the 4th of January 2012 at about 2.40 a.m. the monitoring system detected a gravitational change and triggered an alarm. The measured values were saved in quick succession together with the associated video images.

I will start the analysis of the measurement protocols with the recorded video images. On the alarm video you can see only for a few seconds a luminous object. There are two reasons why the view was just very poor at that time. In addition to the general weather conditions the nuclear power plant caused a local cloud cover above the cooling towers. The current situation was before the disaster in Fukushima and so presumably block 1 was still operated fully loaded. Another disadvantageous effect has the reflection of the lights of the nuclear power plant in the water vapor clouds. The entire video sequence with the approaching illuminated object has only a length of about 5 seconds.

The picture below is a totals screen of relevant single images and their magnifications. There are visual characteristics which indicate an exceptional flying object. The flying object increases its optical impression by three times within this short time. This is unusual for an airplane. Very conspicuous is the irregular flash-up. It varies from approximately 0.5 seconds breaks to 2.5 seconds breaks. The flash-up itself was consistent with about 0.3 seconds. The approach was made from the south at about 170 degrees.

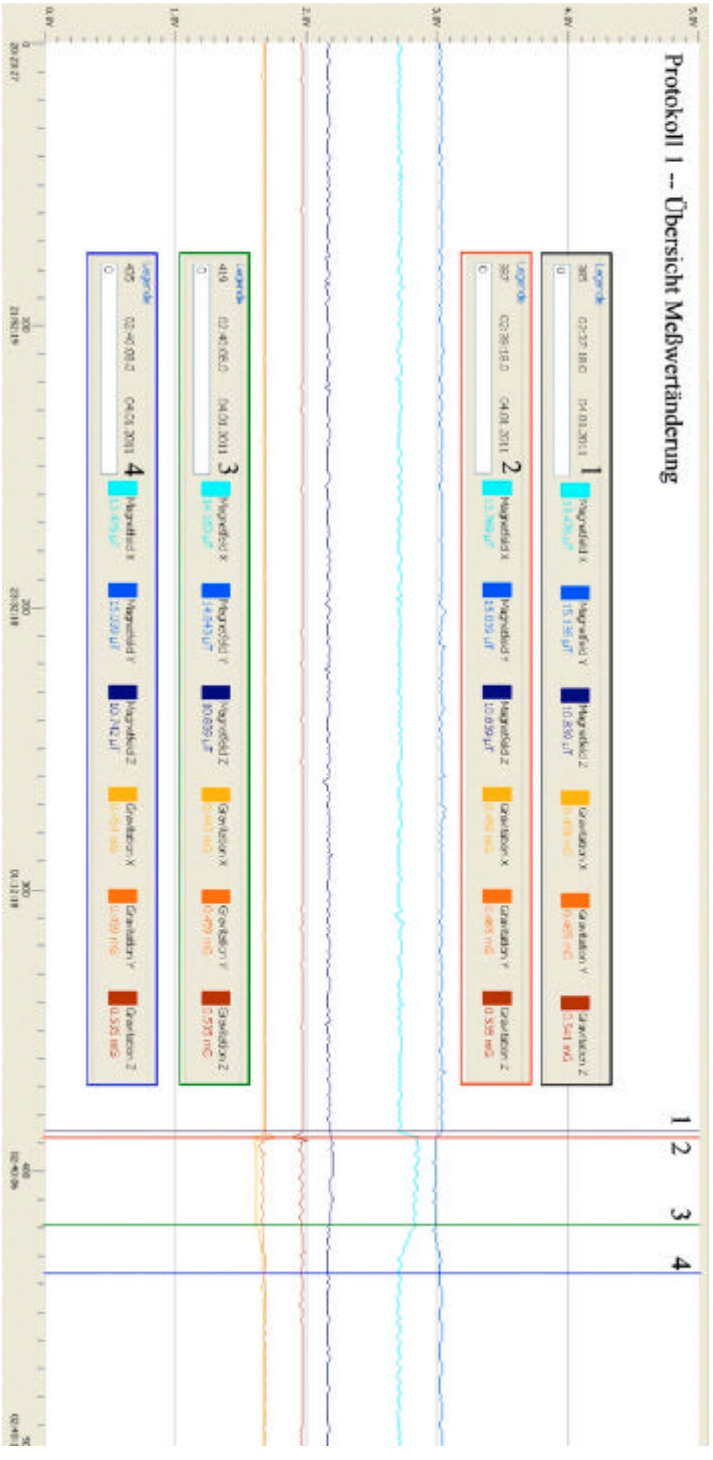


The same video camera documented also airplanes at other times. However, this shows, in contrast to the alarm recording a very different optical detection pattern.

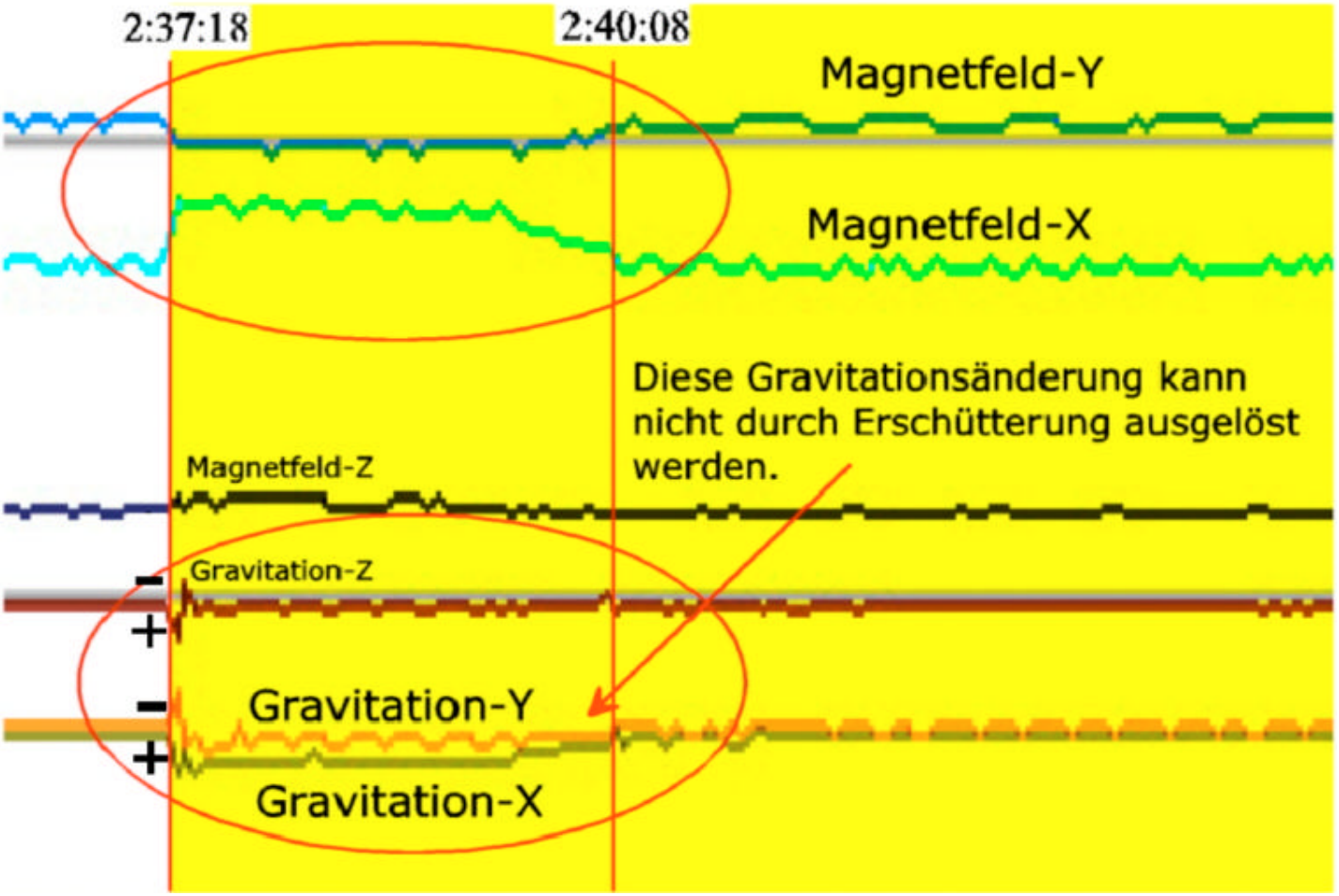


Another argument against an aircraft is the fact that the airport Stuttgart, just south of the nuclear power plant, has a ban on night flights. Furthermore was the weather generally unsuitable for low-level-flights. Possible helicopter operations on the A81 Heilbronn-Stuttgart can't be seen from this position. The flying object seems to be flown in a straight line into the water vapor cloud of the nuclear power plant. The distance to the video camera was probably no more than 4000 meters. The altitude was certainly well below 2000 meters.

The measurement starts at 02:40:06 with a gravitational shock wave in all three spatial directions. The following measurement protocols are supported by colored measurement lines. They mark the point in time of the measurement and the actual measured values in the color-coded display windows. In addition, the measurement points and the display windows are marked with digits from 1 to 6.



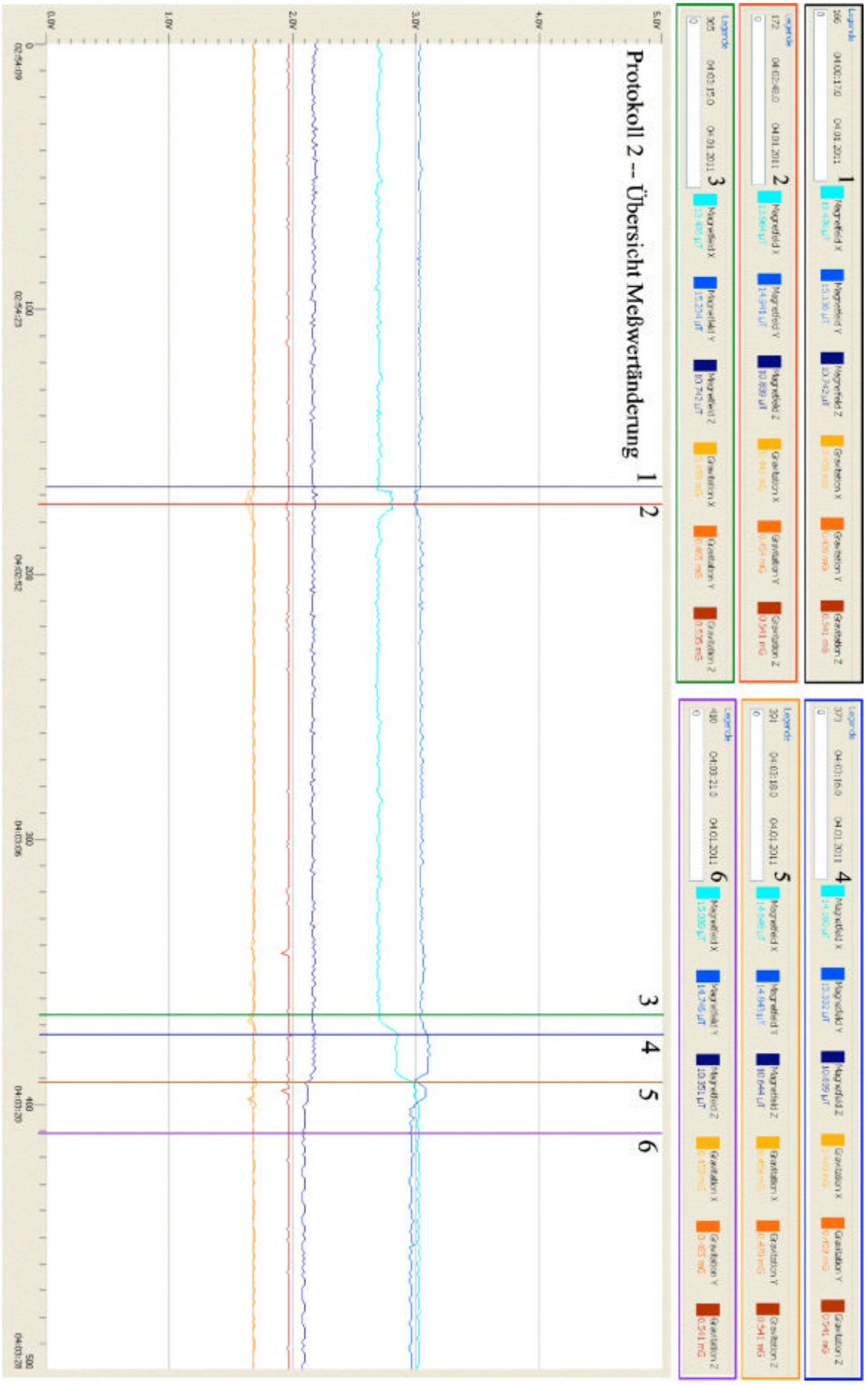
You can see the enlarged gradients of the alarm below:



The measured values show a never considered possible combination of changes in the magnetic field and within the gravitation. The highest deviation of the magnetic-x-field is approximately 1,5µT which is about 5 percent. The deviation within the x-axis coincides with the spatial orientation of the magnetic-x-sensor in the direction of the optical light appearance. The source of the magnetic anomaly corresponds to the orientation of the magnetic field lines of the North Pole. The deviation of the x-gravity corresponds to about 2 percent.

The sensors detected a gravitational increase in the X as well as in the Y directions. The vertical gravitational-z-direction shows no measurable change in the gravitation. The measurements show certainly actual measured changes within the magnetic field and the gravity. The hypothetical assumption that the measured values would be the result of exceptional electrical fields or discharges turned out to be wrong. The structure especially of the magnetic field sensors with their coils would show a completely different type of failure.

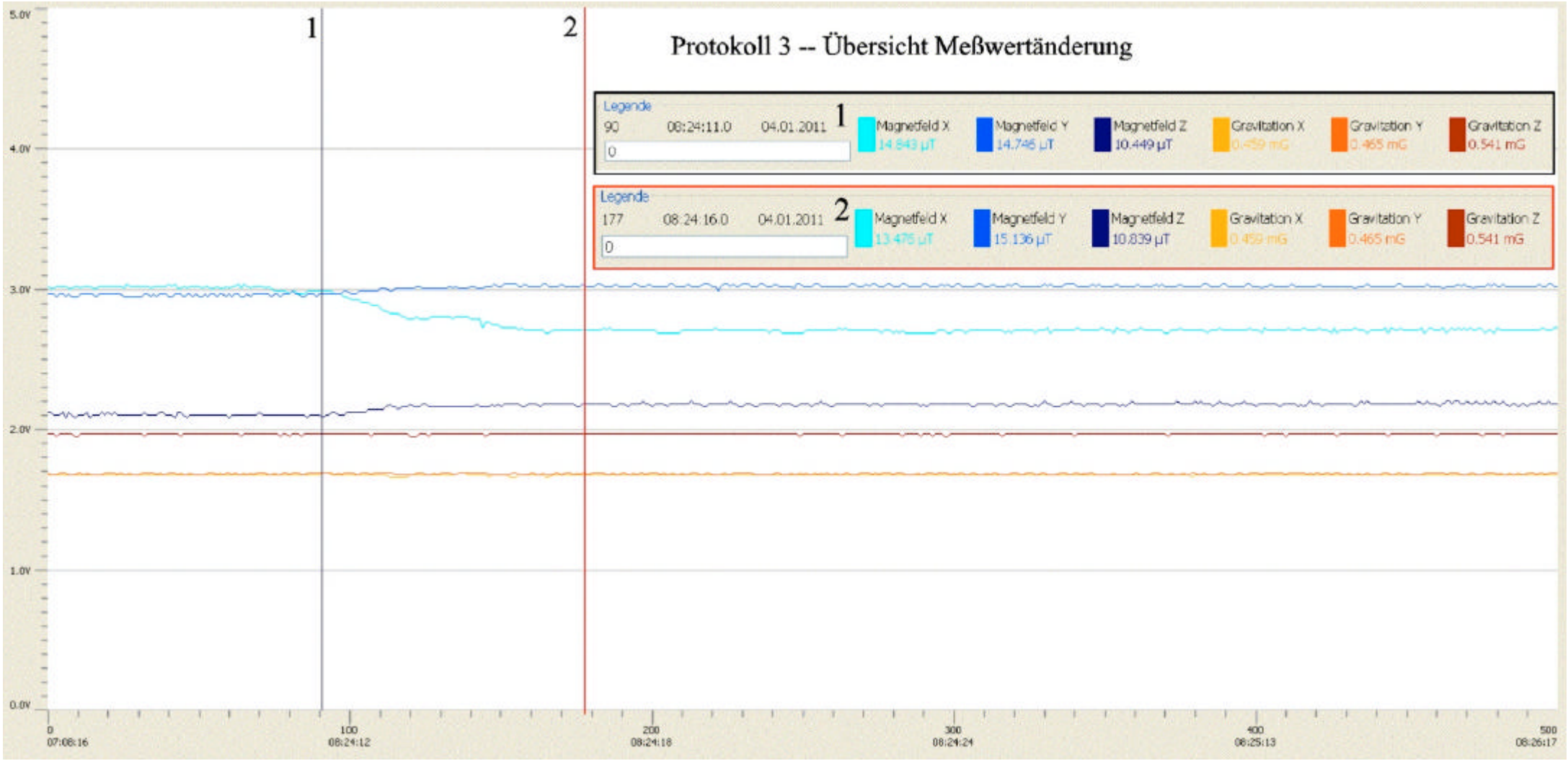
An interpretation of the measured values and the causal video recordings might look like this:



At 02:37:18 a.m. an UFO reduces its probably extremely high speed. As a result gravity shock waves spreading in all directions were generated. The following slowly approach generates a gravitational anomaly for about three seconds accompanied by similar changes within the magnetic field. As the object flew into the visual range of the camera there wasn't any kind of significant impact on the measured value acquisition anymore because of the now very slow flight. There's the possibility to make an approximately conclusion about the magnetic field strength and the energy consumption of the UFO with the help of the known magnetic field change and the assumed distance of the object. You will find more information about this at the end of the report. The anomalies didn't come to an end but went up until early in the morning. All video recordings for the following measurements show only a bank of fog so that you can't see anything.

Between 04:00:17 and 04:02:48 there was again a short change within the magnetic field and the gravity. Between 04:03:15 and 04:03:21 the magnetic field changed permanent in all directions. This remained unchanged until the time between 08:24:11 and 08:24:16 when all anomalies disappeared.

At 08:24:16 all measured values returned in standard range for the local situation. A working hypothesis could be, that the UFO hovered in these four hours inside the water vapor cloud of the nuclear power plant. The hardly influenced z-axis of the magnetic field measurement suggests that the position was low above the nuclear power plant. With absolutely certainty is there a proportional relationship between the magnetic field and the gravity.


Protokoll 3 -- Übersicht Meßwertänderung
1
2
Legende
90 08:24:11.0 04.01.2011 1
0
Magnetfeld X 14.843 µT
Magnetfeld Y 14.746 µT
Magnetfeld Z 10.449 µT
Gravitation X 0.459 mG
Gravitation Y 0.465 mG
Gravitation Z 0.541 mG
Legende
177 08:24:16.0 04.01.2011 2
0
Magnetfeld X 13.476 µT
Magnetfeld Y 15.136 µT
Magnetfeld Z 10.839 µT
Gravitation X 0.459 mG
Gravitation Y 0.465 mG
Gravitation Z 0.541 mG
5.0V
4.0V
3.0V
2.0V
1.0V
0.0V
0 07:08:16
100 08:24:12
200 08:24:18
300 08:24:24
400 08:25:13
500 08:26:17

Now I want to give some basics for speculative inferences and conclusions about the magnetic field strength of the object and its possible power consumption. To enable a basic assessment I've created a sample setup with the UFO sensor.

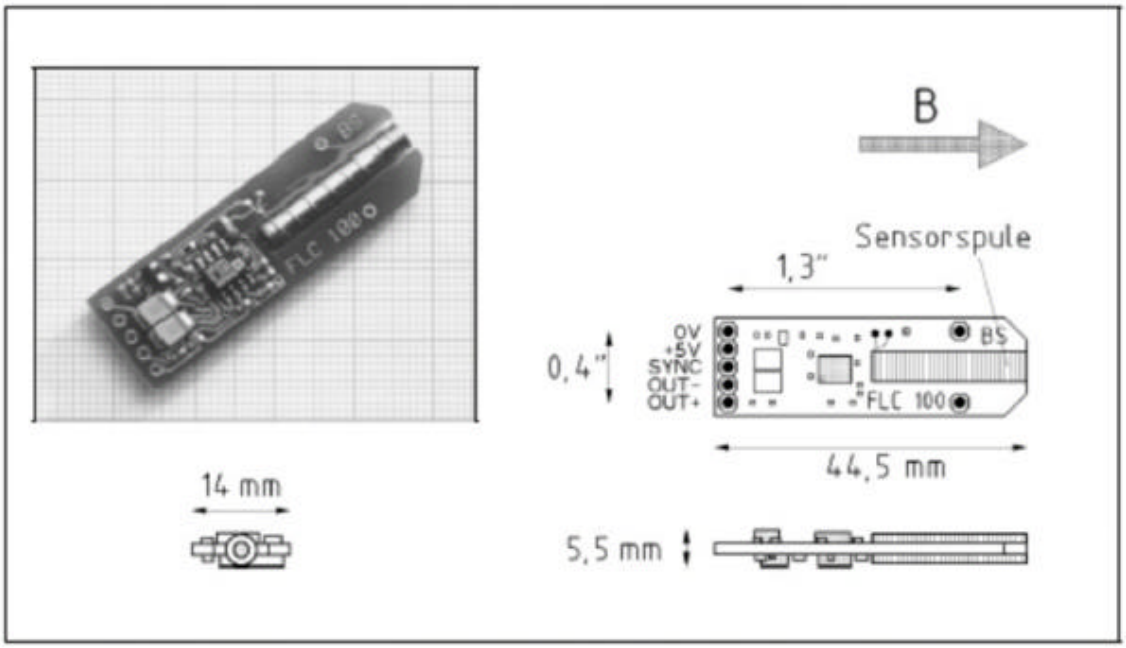
For this purpose I've used an air-core coil with an inner diameter of 65 mm and an outer diameter of 130 mm. The coil has 790 windings and runs with 2A co-current flow. The arrangement and the distance between the coil and the sensor is about 400 mm. In this combination I've reached a magnetic field deviation of about 1,5µT.

For the calculation of the magnetic field strength of the object we need also the size of the object and its distance to the sensor. However, these two parameters are only estimates and probably just approximately true. I suppose 10 meters in diameter for the object size and the distance should be about 4000 meters. Anyone who is interested in this subject can do this calculation on its own according to his level of knowledge. The basics for this are contained within this documentation. My evaluation provide 6,000 T and a power demand of 6.4 MW.

Magnetfeldsensor

hochauflösender Fluxgate-Sensor für schwache Magnetfelder

Messbereich ±100 μT, DC bis 1 kHz



Eigenschaften

- Ausgangsspannung proportional zur magnetischen Flussdichte
- niedriger Rauschpegel und hohe Stabilität der Ausgangsspannung
- low cost
- komplettes Magnetometer mit geringen Abmessungen
- einfache 5 V Spannungsversorgung
- nur 2 mA Stromverbrauch
- einfache Integration in μP-Systeme
- Temperaturbereich −40 – +85 °C, erw. Temperaturbereich auf Anfrage

Anwendungen

- Messung des Erdmagnetfeldes, Kompass-Navigation
- Aufspüren von magnetischen Störfeldern („Elektrosmog“)
- Abstandsmessung, Strommessung
- Vermessung von magn. Signaturen
- Verkehrsleitsysteme, KFZ-Sensorik
- Materialprüfung
- Gepäckkontrolle
- Ausmessen von Magnetfeldabschirmungen

DimensionEngineering

DE-ACCM3D Buffered ±3g Tri-axis Accelerometer

General Description

The DE-ACCM3D is a complete 3D ±3g analog accelerometer solution. It features integrated op amp buffers for direct connection to a microcontroller's analog inputs, or for driving heavier loads.

The onboard 3.3V regulator and decoupling capacitor give you great flexibility when powering the device, and can also be bypassed for operation down to 2.0V.

The DE-ACCM3D is designed to fit the DIP-16 form factor, making it suitable for breadboarding, perfboarding, and insertion into standard chip sockets.

It is based on the Analog Devices ADXL330 for superior sensitivity and tighter accuracy tolerances.

Features

Triple axis ±3g sense range
Up to 360mV/g sensitivity
500Hz bandwidth
Operating voltage 3.5V to 15V (onboard regulator)
Operating voltage 2.0V to 3.6V (without regulator)
3.3V regulator can power external microcontroller
Reverse voltage protection
Output short protected
Standard DIP-16 form factor
Integrated power supply decoupling
Draws 0.9mA
Can accurately drive 500Ω loads

Applications

Motion, tilt and slope measurement
Device positioning
Shock sensing
Vehicle acceleration logging