NIVFO

NORSK INSTITUTT
FOR VITENSKAPELIG
FORSKNING OG OPPLYSNING

NORWEGIAN INSTITUTE FOR
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INFORMATION

NORWEGIAN

NEWS LETTER

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P.O. Box 2119,
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N O R W A Y

NORSK INSTITUTT FOR VIETNSKAPELIG FORSKNING OG OPPLYSNING

HESSDALEN.

The observations of apparently inexplicable objects in Hessdalen continue, and people from far and near come streaming along, hoping to see the phenomena. The local athletic club and the working-class woman association has, in order to make the stay more pleasant to the visitors, opened a kiosk at the look-out post on Hessdalskjølen.

NIVFO's regular field reporter, being posted in Hessdalen, has, on several occasions, seen the object and has taken more pictures of them.

The anniversary of the appearance of these phenomena on a larger scale, is now approaching. It was immediately after New Year, people in Hessdalen decided to report the strange things they could see over Finsåhøgda evening by evening. As the first instance they gave notice to NIVFO, and in this way we had the benefit by registering the observations gradually and immediately. We came to an agreement with some people there to report on the phone new observations as soon as possible. At the same time we were in touch with the Defence radar station on Gråkallen near Trondheim airport, Værnes, Defence staff, and so on. With that, NIVFO was a central instance for reporting and co-ordinating of certain measures in connection with the observations. In this way the radar station on several occasions was told immediately when the phenomenon turned up. But on the radar nothing unusual was registered, which may be explained by the low course of the objects.

To the Supreme Command we pointed out the suitability of sending an airplane to the area, which also was done short after. Later, one or two men from the Defence were posted in the heart of the mountain, but only for a short while, But of course, representatives from NIVFO were, at an early time, present themselves.

The time afterwards we almost permanently have had people in the areas, bringing photo-technical equipment, including film-cameras and so on. But one never knows when these phenomena turn up, and for a long time the reult was bad.

On September 3 further equipment was brought, including a special instrument, developed in USA, primarily for measuring of variations of the electric potential in the atmosphere.

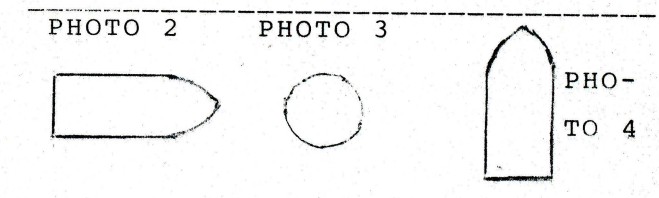
Later our field-reporter has himself on several occasions observed unidentifiable objects with certain characteristica, and he also succeeded in taking a number of pictures of them. (See sketches in this issue.) In many ways these observations seem to be among the most interesting being made in Hessdalen, among other things because of the object's "flashlight", twinkling in the same manner, in a certain rhytm during the whole observation.

NIVFO has constantly visited Hessdalen, and then let us see, as time pass by, what is coming of the effort. A "second-sighted" lady has predicted something to happen on December 28.82. (But it did not !).

THE PHOTOS.

The man taking till now the best photos of the UFO-phenomena in Hessdalen, is the journalist Arne Wisth from Oslo. We give below some of the pictures, but unfortunately not in colours. (These, however, may be ordered from NIVFO).

During the photography, however, the weather was stormy, but inside the shining object one could dimly see the the contours of a "thing", like this:



Concerning the many pictures from Hessdalen, taken by NIVFO, the distance has, unfortunately, been too great to get the desirable details. Even by using tele-objectives in different sizes, the film mainly show bright spots only. By very strong enlargement one yet can see on some films that the object has the same form as being seen in binoculars and then put down.

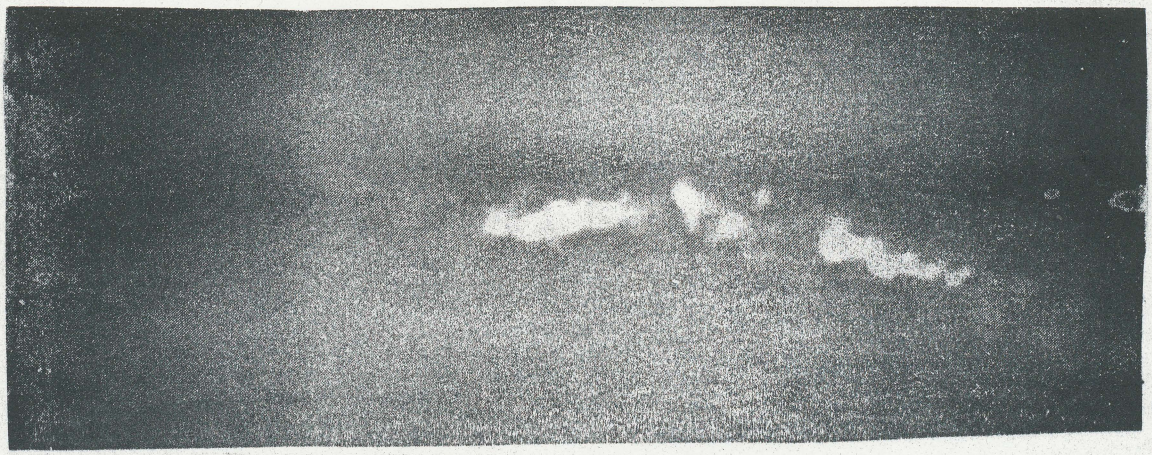
In the meantime new observations are constantly made in Hessdalen and neighbouring areas, and these have immediately been registered and investigated. In one case, they told, a TV-sreen exploded while a shining object hung over the house, and we now try to get the involved co-operate.

Concerning the phenomenon in Hessdalen, we have now several projects going, and we will, of cource, keep the readers informed. Besides we want to mention some older observation reports from these areas, of which one at least, seems to be very interesting.

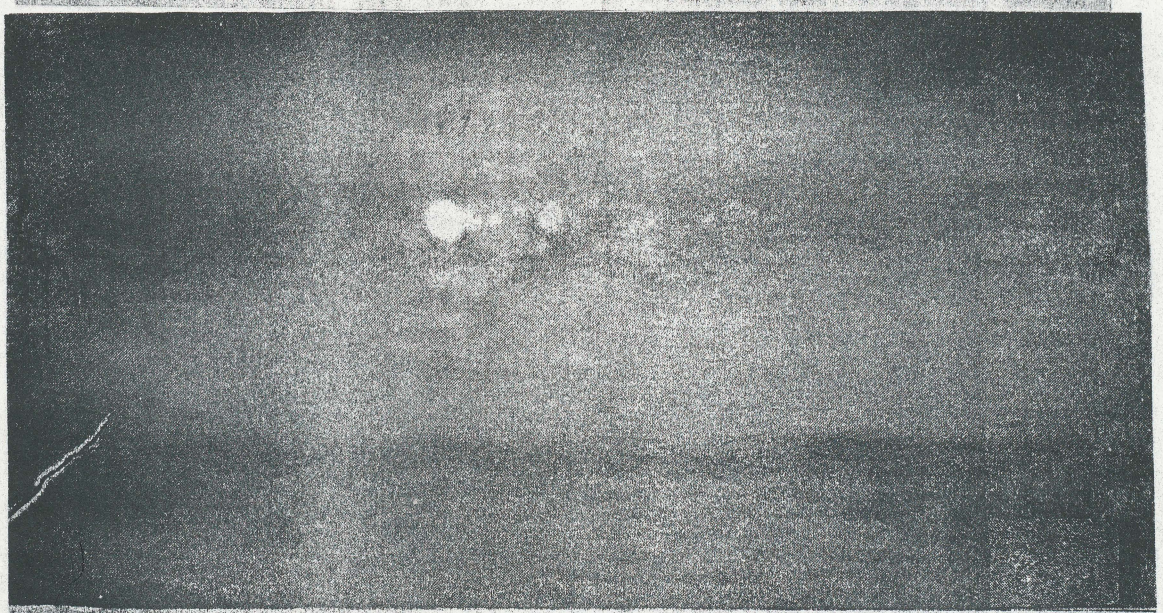
THEORIES.

What then may be the explanation of all things people have seen and photographed more or less regularly for a whole year? To say anything concrete about this, is yet to early. In addition we are in possession of some tips, which, we hope, can be investigated in a proper way.

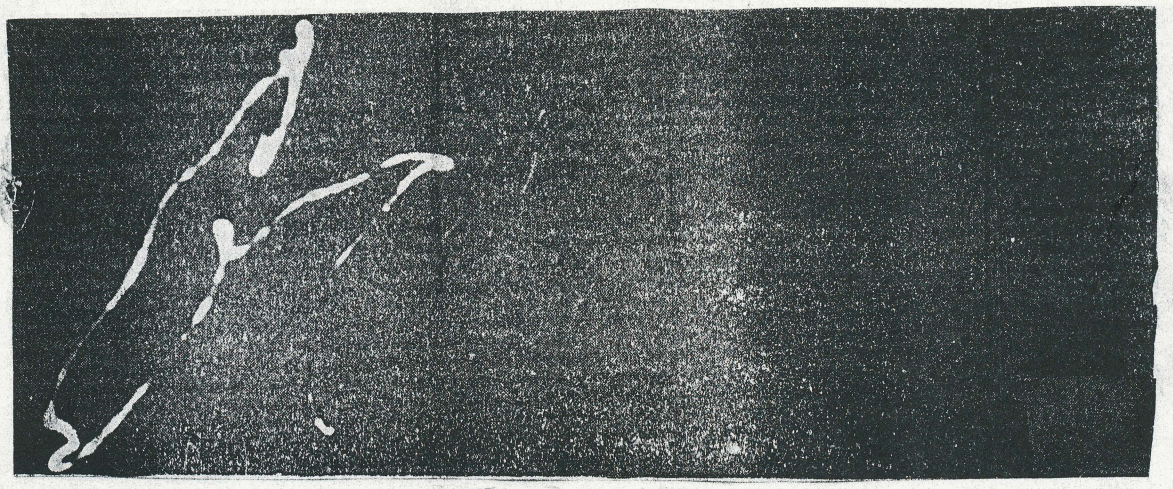
Concerning the instrument measuring, mentioned in N.L. no. 4/82, there is a reason to believe it turns upon a vertical gradient, and that certain calculations may tell still some more. In the course of this year we hope to be able to discuss different theories, unless a definite solution before long.



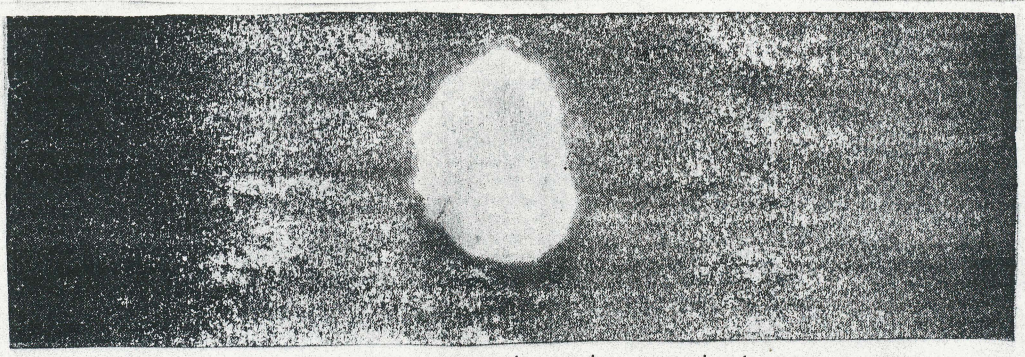
PICTURE 2. "Landing" 18.02.82. The UFO comes flying with varied speed. Therefore some movements in the motive. (Photo: Arne Wisth.)



PICTURE 3. Same object. Turning the back part to the photographer.



PICTURE 5. Arne Wist tells that the object has covered a distance of about 2 kilometers in the course of 1/60 second. The distance was 1-3 kilometers. It was stormy weather, but within the shining object one could see the outlines of a "thing" (see sketch). It was moonshine, and one could see e matallic object throug the light.



PICTURE 7. On the original colour picture one can see the colour often appearing on the conspicuous light from the object.

And as for that, more or less remarkable solutions on the phenomenon are constantly put forward.

The two very latest theories are the following:

1. "The phenomenon is due to a mirage, caused by lights from Røros railway. Such mirages manifest themselves in the division between cold an warm stratums of air, where the light is reflected --- among meteorologists this is termed as reflections in inversion layers ----". This is what astrophysicist Rolf Brahde maintained among other things during a meeting in Trondheim University on January 22, 1983. ("Adresseavisen", 24.01.1983).

2. PEOPLE IN HESSDALEN IMAGINE THINGS.

   This is what Asbjørn Hallan writes in "Arbeiderbladet", 17.01. 1983.

"The UFO-hysterics, which people in the Røros and Hessdal area are suffering from, must be said to be quite unique in our time. But now it is, to be sure, so that people,living in such remote places, are more superstitious than people from more central parts of the country, but yet -----.

Not even remnants og balloons, originating from the weather forecast service, and which were found in Hessdalen, prove to move the stubborn superstition to "trønderne" (people from the above mentioned areas). The possibility of that it, in such godforsaken areas like Hessdalen and surrounding areas through centuries, has been going on inbreeding among the residents, may possibly give an answer to the UFO-mystery.

Inbreeding and psychical defects, stick close together. That is scientifically proved, that admits of no doubt. Of these defects can be mentioned visual hallucinations. Therefore the conclusion must be that owing to inbreed-

ing, the residents in the above mentioned areas are suffering from visual hallucinations. This assertion will be standing until the opposite is proved".

Both these theories are opposed by NIVFO, the last also strongly by the people in Hessdalen, who feel the accusations deeply defamatory.

For the rest, Asbjørn Hallan has now regretted his statement on the radio!

* * *

UFO"LANDING".

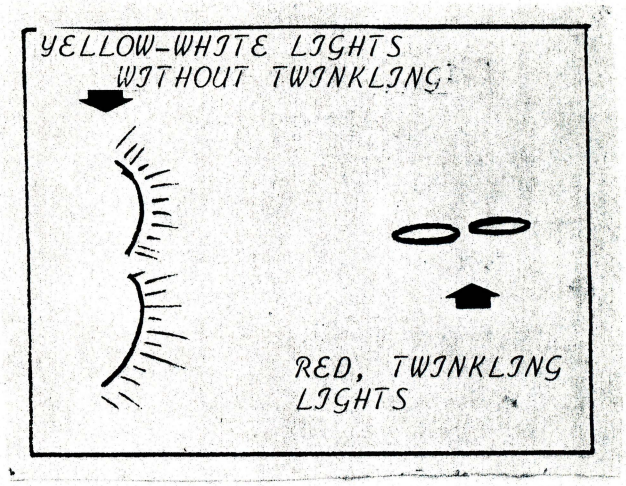
PLACE ... Hessdalen.
DATE .... 28.10.82.
TIME .... 19.28 to 19.31 pm.
WITNESS : Per Moen from NIVFO.
OBJECT : Two red, twinkling lights in the front and two greater, yellow-white lights behind.

On this occasion, Moen is in a place called Postvollen. The object came gliding noiseless from the south, between Hessdalen and the mountain called Skarven. Moen can distinctly see the same "light-putting" as seen by two earlier observations in Hessdalen. (see sketch.) He tries to come nearer to the objects and drives to Øyongen. On a place called Sletthælet, with a good all-round vision, he stops.

When the time was about 19.58 pm, a quite similiar object (may be the same) turns up and moves from the south-west towards the north-east. Some distance from Øyongen lake, the object goes down behind Skarven. After about 7-8 minutes, it comes up again on the same place, mounts and disappears up into the cloud cover.

At 22.55 o'clock Moen can see more small gleams of light inside the cloud cover.

About 10 minutes afterwards an object comes out from the clouds. It glides smoothly in the direction from the south to the north. The object has a slight declining course, and disappears behind the ridge between Aspås and Finsåhøgda. (See sketch next column.)



THIS "SYSTEM" HAS RUN THROUGH IN A SERIOUS OF OBSERVATIONS MADE IN HESSDALEN. WITNESSES, NOT KNOWING ABOUT THE SKETCH, HAVE REPORTED THESE LIGHTS ON CIGAR-FORMED "FUSELAGES".

* * *

PLACE .... Hessdalen/Aspås.
DATE ..... 27.10.82.
TIME ..... 18.13 - 18.15.
WITNESSES: Per Moen and Ruth Mary Moe.

A yellow and red-twinkling object came quietly gliding from the north towards the south. One could estimate the distance to about 600-700 meters, and the height above the ground to about 300-400 meters. No sound wa s heard.

The neighbour, Mr. John Aspås, has seen the object independent of the two observers mentioned.

19.15 - 19.30 o'clock:

The object comes back from the south. It moves evenly and slowly. One estimates the speed to about 10 km/h. Now and then the object stops-sharply twinkling, moves a bit and twinkles sharply again.

In this case there were five witnesses to the observation.

* * *

PLACE .... Hessdalen.
DATE ..... 27.10.82.
TIME ..... 23.15 pm.
WITNESS .. Jan Morken (28).
OBJECT ... Like a star moving.

Morken was on his way home after an evening-trip. Suddenly he catches sight of a "big star" sinking down from the sky right towards the east. He sees how it twinkles in between trees towards a place called Rangsååsen. When he almost has reached his

home, the object mounts up from the ground and disappears in north-easterly direction. The observation time was between 5 and 10 minutes.

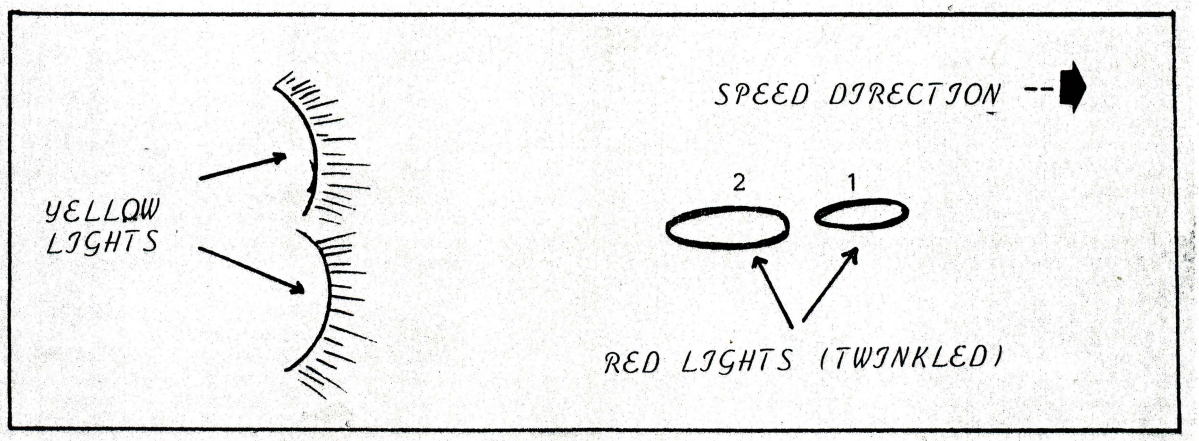
* * *

PLACE .... Hessdalen.
DATE ..... 01.10.82.
TIME ..... 22.44 and 23.00 pm.
WITNESSES: Two married couple from Trondheim.
OBJECT: Two red and two yellow lights - the red light twinkle in a steady rhythm. (See sketch.)

The four witnesses come driving in a car from the south through Hessdalen. The driver is field-reporter Per Moen from NIVFO.

It is 22.24 pm. Their intention is to stop on Hessdalskjølen (the more and more famous viewpoint), but they do not come that far. The left side -window on the car is open, the speed is about 30 km/h. They become aware of a "star", and stop to have a closer look at it. Then they see it moves, and it seems as if it twinkle in a yellow-orange colour. The speed is estimated to between 50 and 100 km/h.. The distance to the object is about 1000 meters - the height above the ground about 500 meters. In a hurry a camera with an 135 mm objective is made clear. Diaphragm: 2,8 - Speed: 0,30. About 10 pictures were taken.

Throug binoculars (12 x 40) two types of lights appear, such as shown on the sketch below.



The two yellow lights at the back are constant - the two red lights in front twinkle by turn: One sharp gleam from light no. 2 and two gleams from light no. 1, in a completely regular way.

The object is seen for 3-4 minutes before it disappears in the south.

They continue their way to Hessdalkjølen. There about one hundred people are gathered, and all are talking about the UFO they just have observed.

The time draw near to 23.00 pm. Suddenly one of them cries:"There it comes again!" They then see the same object (may be a similiar) come out of the cloud cover. The height above the ground is some greater than the first time. Nor can they hear any sound this time. The object follows the same "route" back. Right to the west of Aspås, the UFO disappears into a cloud, but after 10-15 seconds it turns up again. The speed is considerably faster now. The duration of observation no. 2 is about 2 min., so that it shows 23.02 when the object disappears in the north. The films are now developed and prepared, but as expected, they only show a minimal bright spot. By strong enlargement and through a dia-projector, still one scarcely can see that the object appears like the sketched figure.

The object is quite similiar to that observed by NIVFO, on September 3.82.

* * *

DAZZLING, ROTATING LIGHT ....

PLACE .... Hessdalen.
DATE ..... 21.10.82 and 22.10.82.
TIME ..... 19.00 - 19.30 pm.
WITNESSES: Two families (four persons)

The witnesses tell that the object seemed to rotate. The light was dazzling - so strong that it was difficult to look at it through binoculars (7x50).

The witnesses could see the object for about 30 minutes.

The rotating light throwed long rays of light over the terrain. One ray lighted up Stensvollen, a place situated 6 kilometers from the spot where the object was.

As the object disappeared up and behind Finsåhøgda, the clouds were illuminated within a great radius round the object.

The same also happened the day after, on October 22.

The object was strongly shining, moved slowly, stopped over Finsåhøgda and lit up the clouds. The rays of light were far-reaching.

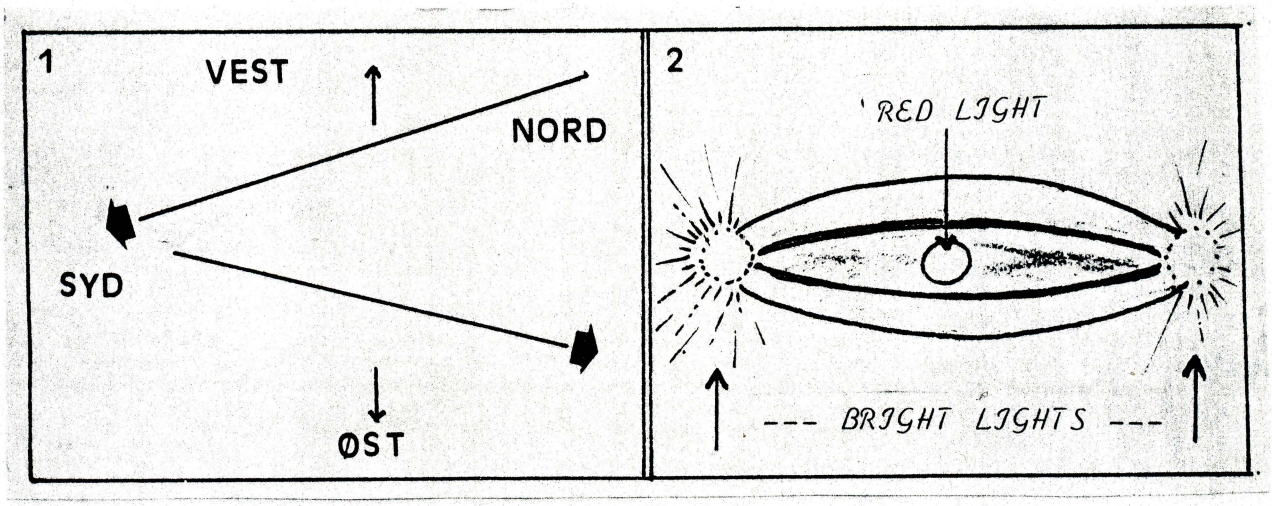
OBJECT SEEN FROM THE UNDER SIDE.

One of the observers tells about a similiar experience last winter. The object came from the north and was seen also through binoculars. As it gradually approached, it seemed to mount a bit.

As the object was right above the witness, it suddenly changed direction. (See sketch no. 1.)

The witness sketched the object such as he observed it from below. (See sketch no. 2.)

The object disappeared at a very great speed.



"OBSERVED UFO AT A DISTANCE OF 70 M."

PLACE .... Hessdalen.
DATE ..... 24.09.82.
TIME ..... About 22,30 - 23.00.
WITNESS .. Bjarne Lillevold.
OBJECT: A shining object which could remind of a Christmas tree, with the top pointing down. There were flames and so on.

LILLEVOLD TELLS:

"I saw an UFO at a distance of only 70 meters. It was hanging in the air only 3-4 meters above the ground. The light was intense and glowing. I could look at it for more than half an hour. I felt insecure and dared not move.

I was on my way home after having finished my shift work at Killingdal mine, and I was driving in the same car as Johannes Lyngstad. Some distance below Reitan on the highway 30, we suddenly caught sight of a light coming towards us from the north-westerly direction. It went very low and we could see it on the east side of the valley with the spruce forest as a background. We were driving towards Stensli. The speed of the object was not particularly fast, and it made a full stop at the Grytbakk farms. Just then a new light turned up. It came from Hessdalen and crossed the valley right under the place where the other light stood.

After coming down to Stensli, I drove with my moped to Hessdalslia. When I neared to the top, I saw a strong light coming straight towards me. I stopped the moped and stood still. There is a cottage close by the road, and the light moved up to it. The light was as great as the cottage and had a strange form. I may compare it with a Christmas tree, turned upside down, and it was twinkling and shining. Quite at the bottom there was a red light, in the middle a bluish-green light. The edges were diffuse and reddish, but yet the outlines were very sharp. It moved up and down like a yo-yo.

"I must only admit that I was a bit afraid, and I dared not go nearer to it. The UFO disappeared in the direction of the Aspås farms, and I could see it right up to the moment it immersed behind Finnsåhøgda".

Further has Lillevold told that he could see flames or blazes at the top of the object, and they reminded much on the flame from a primus.

Through the "central part" of the object, he could see a spruce. This might indicate that the object only had been a light-phenomenon, but he hold on to that he saw a solid object behind the lights. If this is correct, it should imply that the object has been open in the middle, like a "triangular dough ring" ...



BJARNE LILLEVOLD

For the rest there seems to be a somewhat strange aspect of this case, concerning the given points of time, but this is yet not sufficiantly investigated, and therefore we cannot mention it here.

* * *

STRANGE PHENOMENON IN SINGSÅS.

PLACE .... Forbygda in Sngsås/Volden.
DATE ..... 15.09.82 at 19.45 pm.
WITNESSES: Three boys (18, 15 and 5).

OBJECTS: Three bright shining balls making a triangle with the point up. In addition a shining, fiery red ball turned up.

The principal witness, Bjørn, was on his way home from work. When he almost had reached the entrence of the farm, he observes three glossy, shining balls, comparatively low on the sky. (He saw them with the sky as a background). They form a triangle with the point up. Bjørn stops the moped to listen for possible sounds from the phenomenenon, but he can't hear anything. At the same moment two the two younger boys come running out from the courtyard, crying: "Look ! Look !" They have become aware of the phenomenon.

The witness tells that the three balls kept an even, moderate speed. They shone bright, but suddenly, after some seconds, they become quite red. At the same time small gleams of light are coming out, rushing here and there, and then the lights become bright again.

Suddenly a ray of light is shooting out of "the system". The ray points right down towards the ground and lits up an area at least 50 meters in diameter. The witnesses can see the ground and the trees in the light from the ray.

Then everything is gone. The boy continue to stand there, looking along towards the place, and they talk about what they have seen. Suddenly a fiery red ball turns up in the same area. They did not see where it came from. The ball stands still for about 15 seconds. Then it disappears as suddenly as it came, "from nothing to nothing".

Bjørn tells that the three balls in the triangle had an angle size as a pea on an outstretched arm, that is, like the full moon. The size of the red ball is estimated to a fourth of the moon disc.

The phenomena were seen in the direction towards the south-south-east. If one follows this direction about three Norwegian miles, one comes to Hessdalen. From certain calculations one finds that the distance to the phenomena may have been about 1 k.m.

ADDITIONAL STATISTICAL DATA CONCERNING HESSDALEN

CASES ONLY INCLUDED WHERE DATA ARE CATCHED UP BY N I V F O

1982 DATE	TIME	PLACE	NUMB.OF OBJECTS	COLOUR	MOVEMENT	FORM
5.1.	23.15	Finsåhøgda	1	bright	even	oval
6.1.	21.30	" "	1	"	"	"
7.1.	22.30.	" "	1	"	in jerks	"
11.1.	20.00	Hådalen	1	"	high sp.	"
12.1.	21.30	Finnsåhøgda	1	"	even	"
15.1.	22.00	Ledalen	4	"	rotating	"
28.1.	08.45	Finsåhøgda	1	"	even	"
1.2.	19.20	" "	1	"	"	"
3.2.	19.00	Midtbygda i Ålen)	2 lights/			
4.2.	19.00	" " " ")				?
5.2.	23.00	" " " ")	"fuselage"		"	
4.2.	17.00	Vårhuslia	1	"fuselage/windows"		/stationary
11.2.	19.39	Finsåhøgda	2	red	even	
15.2.	19.30	Vårhus	1	bright	"	"fuselage"
21.2.	22.50	Stensvollen	1	"	slow	round
8.3.	03.15	Haltdalen	1	"	"	oval
8.3.	22.50	Hessdalskjølen	1	bright/ red	"	pointed
16.3.	19.30	Skarven/Hessdalen	1	bright	spiral	indefinite
23.3.	22.40	Gildset/Haltdalen	1	reddish	high sp.	ellipsis
23.3.	20.30	Grønåshøgda	2	bright	even	
23.3.	21.15	Røstvollen	1	"	still	oval
23.3.	21.30	Finsådalen	4	"	"	round
23.3.	22.15	Sletthælet	4	"	"	"
13.8.	01.00	Vangslia	1	yellow	slow	"
13.8.	01.12	Holden	1	"	still	"
14.8.	03.57	Vangslia	1	"	slow	"
16.8.	22.47	Finsåhøgda	1	yell./red	"	cigar
30.7.	01.50	Kløftvollen	1	bright	still/ high sp.	round
3.9.	22.50	Finsåhøgda	1	yell/red	even	?
3.9.	19.25	Hersjøen	1	steelgrey	"	torpedo
4.9.	22.30	Finsådalen	1	bright	"	?
1.10.	22.30	Hessdalen	1	yell/red	"	indefinite
1.10.	23.00	Hessdalen	1	" "	"	"
21.10.	19.00	Finsåhøgda	1	redyell.	"loop"	round
22.10.	19.15	" "	1	"	still	"
23.10.	19.30	Finsådalen	1	orange	high sp.	barrel
25.10.	18.10	Aspås	1	yell/red	even	?
26.10.	18.10	"	1	" "	"	?
27.10.	18.13	"	1	" "	"	?
27.10.	19.15	Finsåhøgda	1	" "	even/still	?
28.10.	19.28	Skarven	1	" "	even	?
28.10.						
28.10.	19.57	Øyungen	1	" "	even/still	?
28.10.	23.10	Finsådalen	1	" "	even	?
27.10.	23.15	Rongså-åsen	1	yellow	high sp./ still	round
24.9	22.30	Hessdalskjølen	1	many	still/ even	triangular
------	(uncertain moments)					
4.12-81	uvisst	Kjurrudalen	1	bright	still	"star"
20.12-81	19.21	Vongraven	1	"	even	"
20.12-81	19.00	Finsådalen	1	"	still	"bulb"

STRANGE PHENOMENON OBSERVED IN GILDESKÅL, NORDLAND, NORTH-NORWAY.

On Sunday, January 16, five employees at the weather forecast station in Bodø, made a very unusual observation on the sky. The time was 13.45 p.m, and in the direction of Gildeskål. they could see a nearly cigarformed object, which also was lit up by the sun. The observation lasted for about three minutes.

The above mentioned persons have served within the business for a long time, and there is no reason for doubting the report. On the contrary, one have to attach great importance to it, among other things because it shows several features similiar to those known from the observations in Hessdalen.

The meteorologist, Eigil Elsrud, observed the phenomenon first. He believed it was a great bird, but as it stood still on the sky, he fetched his binoculars, and then he could see twinkling of metal. The meteorology assistent, Asbjørn Borge, guessed that it was an airplane making a sharp turn, because he could see the object, in a way, was going to "plunge" towards the ground. But as the object did not move, it was difficult to find any explanation, and therefore they got in touch with the control tower.

The assistent receiving the report, observed the object and informed the traffic control officer, Per Kristian Hansen, which immediately thought of a possible overflight. It was, however, no flights in the area, and therefore the object might be a radio-probe. He observed the object through binoculars, and could see the sun was reflected in it. As the air traffic was small, no radar was at work, and one do not know whether the military part of the air base has made observations. Inspector on duty at Defence Command North-Norway, near Bodø, informs there having been no military traffic in the period.

The object was seen in south-south-westerly direction (205 degrees) from the air base, and supposing a distance of about 14 kilometers, which corresponds to the area round Sandvikfjellet (a mountain), on the north side of Sandhornøya (an insel), the size of the object is estimated being similiar to a great airplane. The height above sea level is, like the distance to the object, difficult to estimate without having the possibility of cross bearings. Nevertheless, provided that the assumed distance is about correct, one might suppose the height to be a bit above 650 meters above sea level, which is the height of Sandvikfjellet.

In addition to the object itself, which is supposed to be rather great, cigarformed and possibly made of metal, one has observed a thick stripe of vapour or smoke behind the object, which also is seen when the object moved. A captain has observed the "exhaust", and he can give no explanation.

Many theories have been discussed about the case, but, in spite of seeing the phenomenon on a relative short distance, and through binoculars, the weather service employees, including one state meteorologist, one clerk, and three assistants, can give any usable explanation.

In addition to the Defence, one has got in touch with the air traffic service at the air base on Helgeland, but there they have observed nothing unusual.

Many people in Bodø could see the phenomenon, and as far as we could understand, they also there have observed the object in the direction of Sandhornøya in Gildeskål, but this is, however, not clear, as we have not talked with anybody yet.

After few minutes, the object disappeared behind a bank of clouds, supposed laying above Gildeskål, a bit further south.

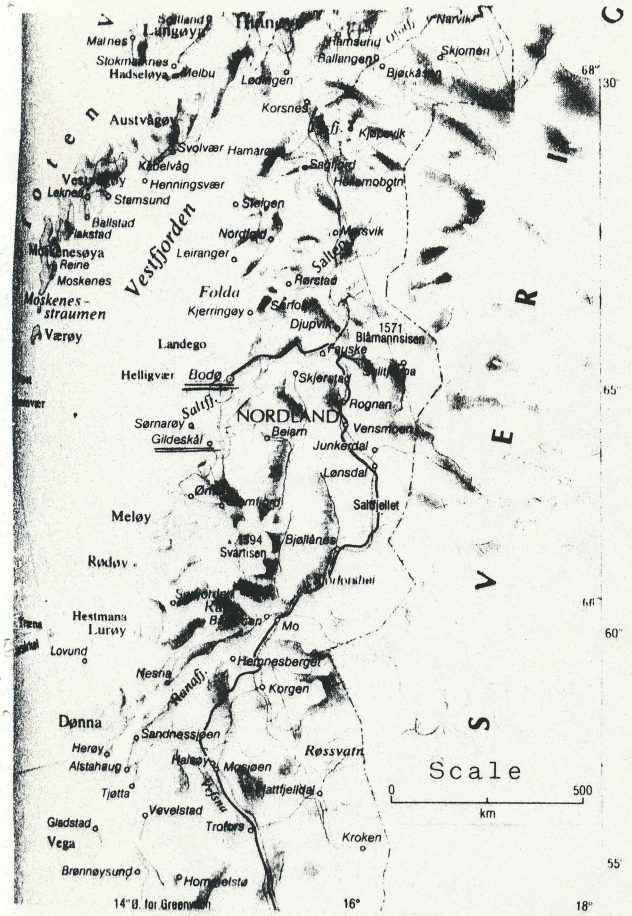
NIVFO was the first organization starting up investigation in the case, and the first days, a man had a full-time occupation with the matter. We have explained the circumstances about the incident rather thoroughly, and it seems clear that we here are facing a very special case. The only theory mentioned is that the object might be a radio-probe, an apparatus being sent up to the upper stratums of air, and which, by the help of a radio transmitter, gives information about air pressure, temperature and humidity. Such probes are sent up at 12.00 Z-time (13.00 Norwegian time), and should agree with the actual point of time.

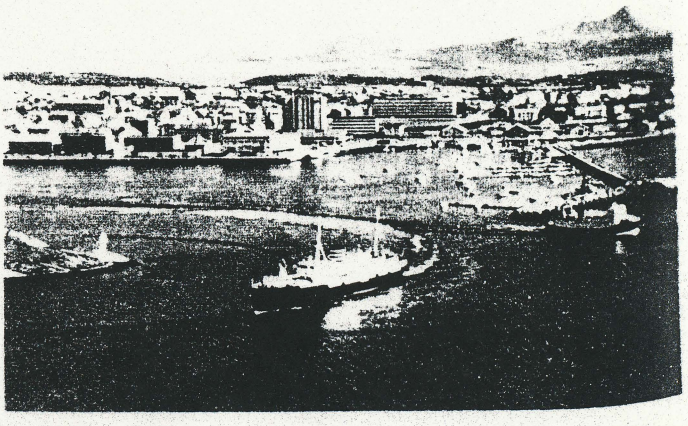
On the other hand, the weather service, sending up the probes, ought to recognize them when they are observed.

So we have no infallible theory, and we, of course will, as time goes by, come back when we have further informations about the case.

Below:

Part of a map of North-Norway (the Salten area) To the right - densely built-up areas round the harbour of Bodø.





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