

Population / energy / water

Birth rate \approx death rate

Agriculture

time to do "other things"

industrial revolution

cheap energy (wood, coal, oil)

increase standard of living

increase energy use } U.S. drop to 1/10 to make
increase water use } way for rest of world

India: 1966 - 500 million

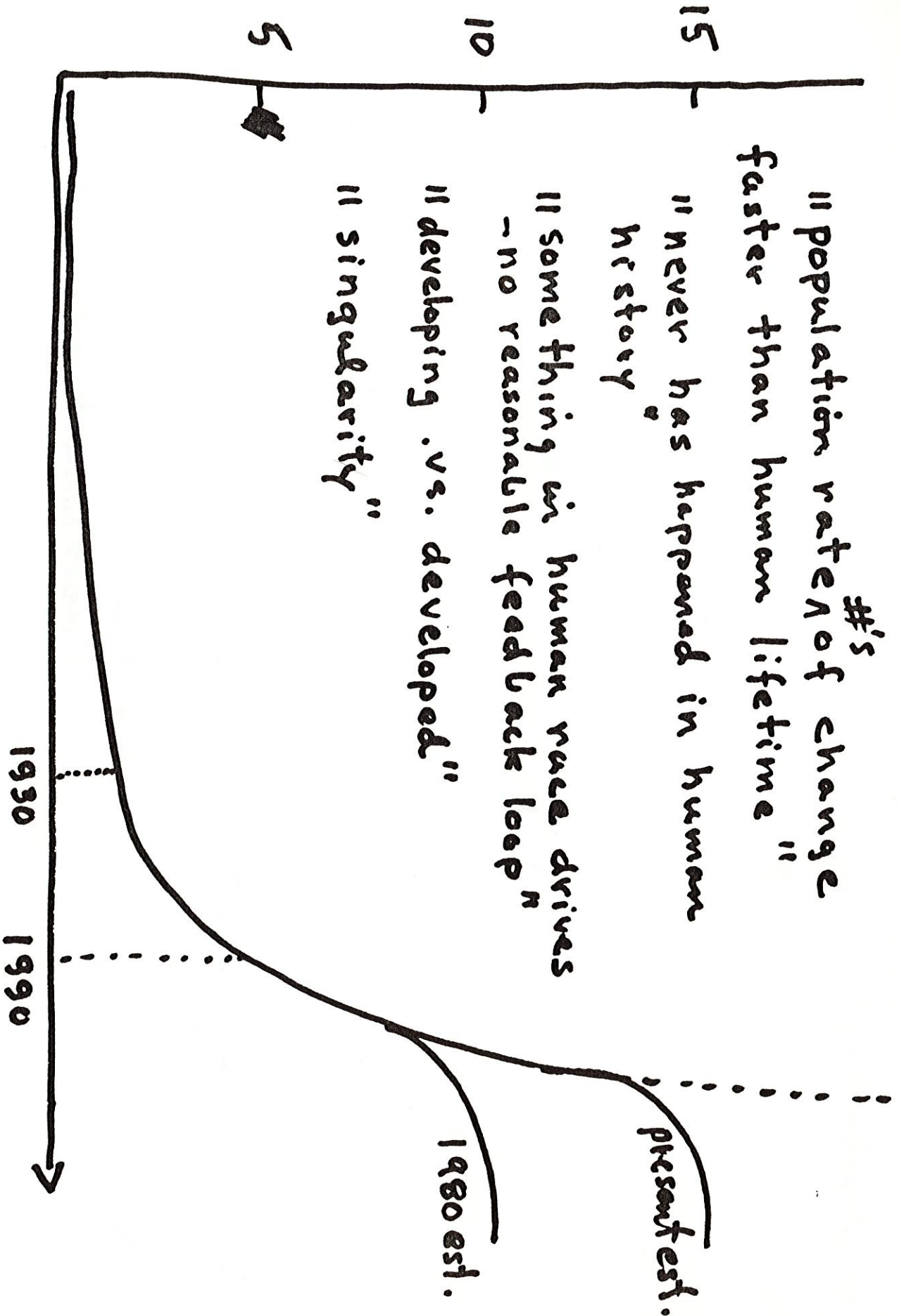
1989 - 825 million

2035 - 2 billion = world population
in 1930's

Population

Kapitsa

people on earth

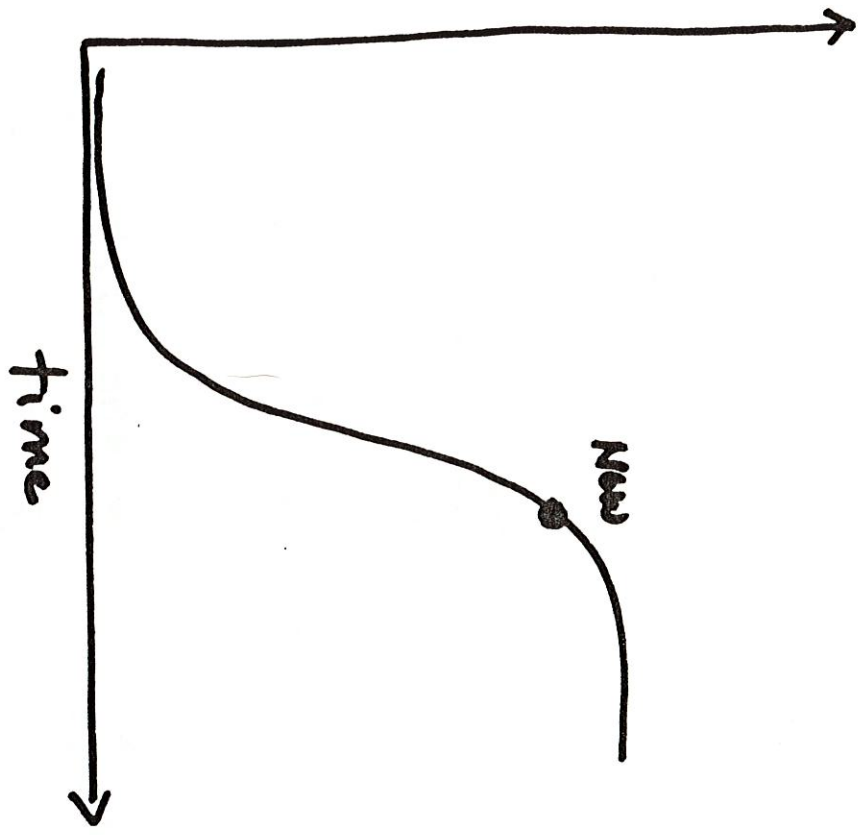


POPULATION

High energy/individual

"developed"

people



"must increase energy use per individual to make transition"

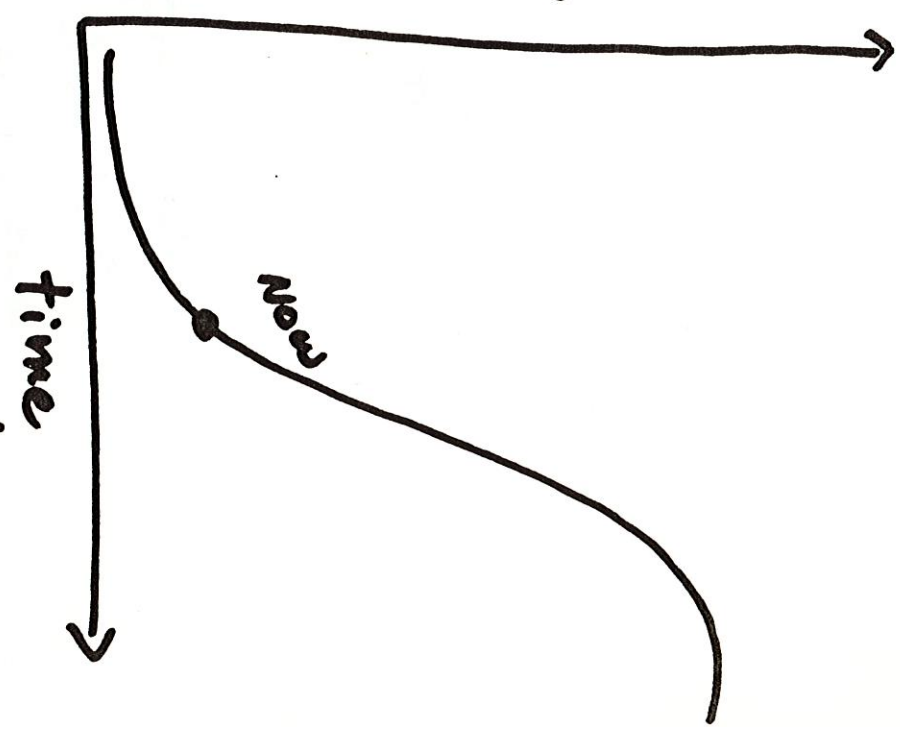
"education of women is a 'key' issue"

Kapitsa

low energy/individuals

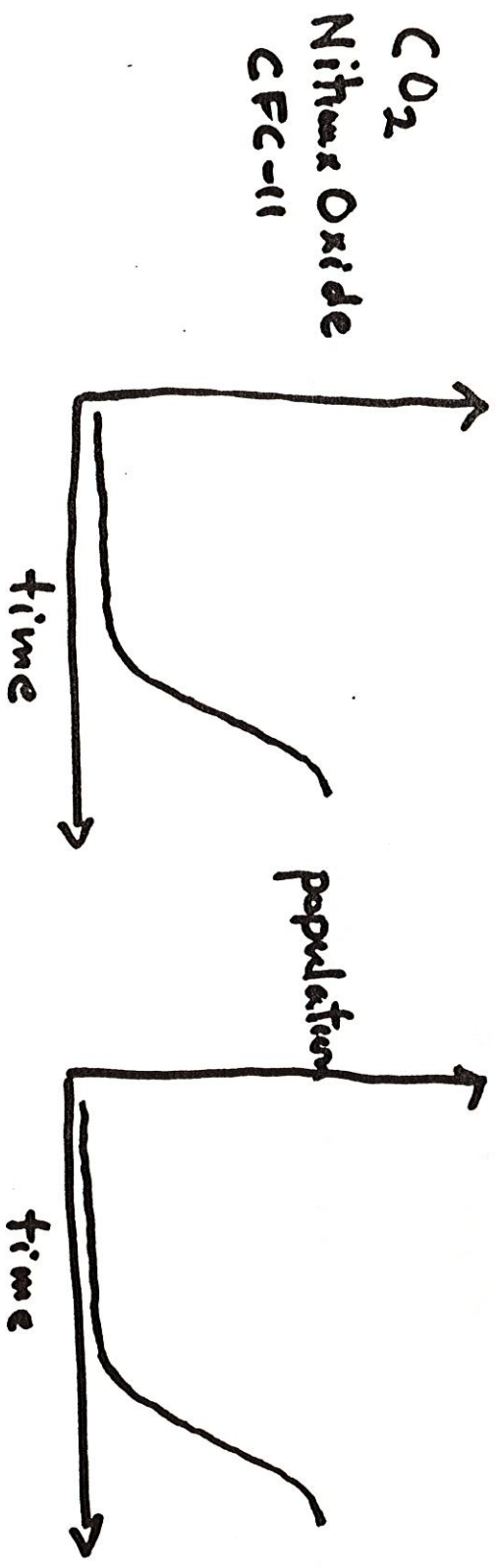
"underdeveloped"

people

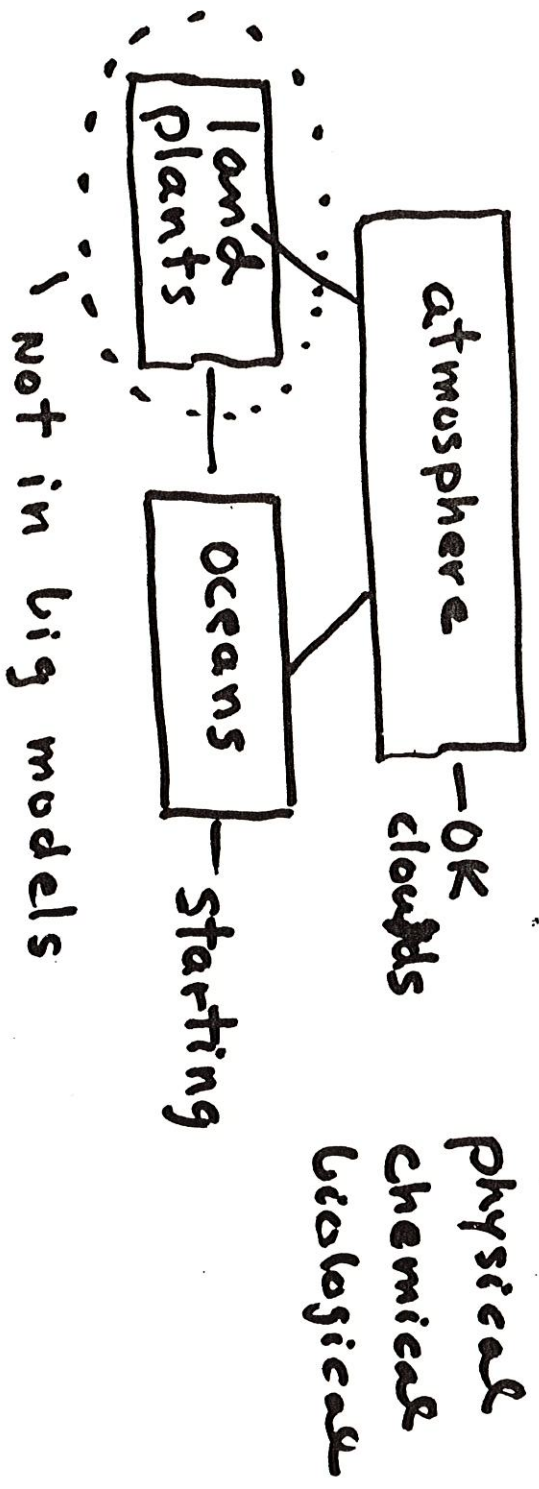


Bengtsson

"Without H_2O , CO_2 , ... Earth about 33.2 K lower"



"do not know function of clouds"



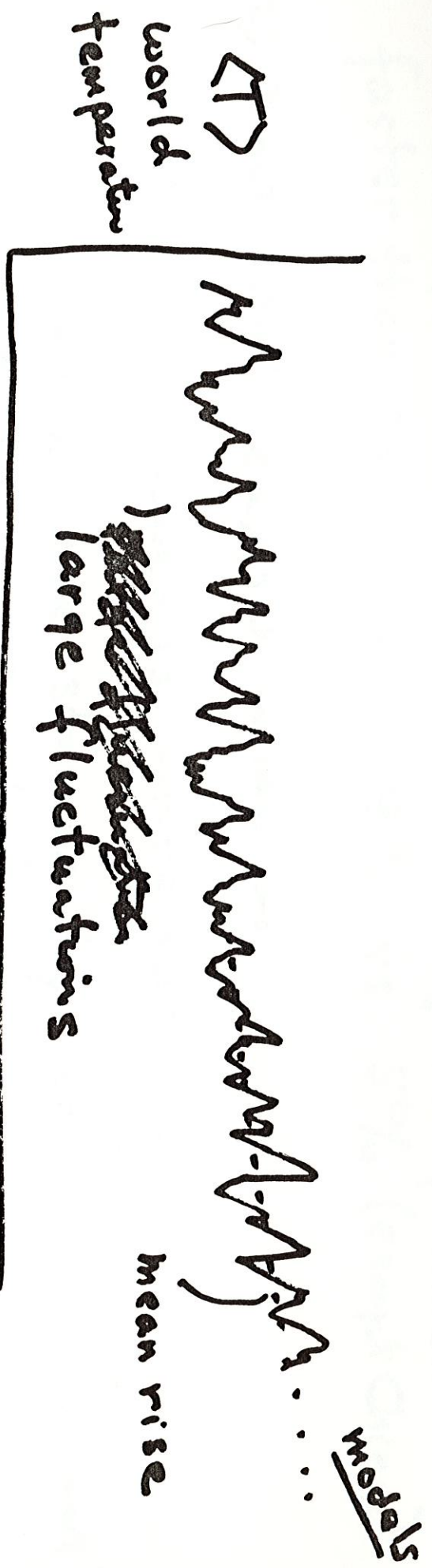
Bengtsson

" data is not very reliable "

" models are 3000 on CRT TWP "

" oceans act as storage - delay change - 10 to 100 years "

Bengtsson, Karl



How much can ΔT rise before oceans change circulation patterns?

1
2
3.5
10

→ looks like we will have this level (business as usual)

Levins

- 1) Electricity use in third world is growing much faster than population 8% vs 5% (except China)
 - 2) Electricity is capital intensive
 - 3) Nuclear ~~power~~ power is unacceptable
 - 4) Other problems are started by "capital investment" in electricity (no roads, etc.)
 - 5) China used energy efficiently, Indonesia
Brazil 2% reduction in street lights 4% in 6 years
- 15% Power plants
6% transmission
25-40% end use
30% in industry
30% buildings

Sci. Amer. Sept 90

Change Utility Regulation (Profits capped to
Electricity is expensive, Efficiency is Ch
U.S. Could Save 75%

25% lights / 25% motors / 25% ev

Nuclear Not Useful

Motors use more than transportation

(US must reduce by 90% to let third world

buildings

Light Bulbs

\$20

1/10 energy, very long lifetime
buy on installment plan from stores

Global Warming is Good

Lisard

We will have global cooling, otherwise cooling is ~~even~~ worse than warming

Ice Age — more deserts
reduction in CO_2 (bury plants)

Plant Evolution is primary cause of CO_2 change
(No plants in model)



grasslands really absorb CO_2

(This tells me a system approach is needed)

- TOO MUCH CONFLICTING INFORMATION
- DIFFICULT TO MAKE POLICY WITH LITTLE NEAR TERM BENEFIT
- ENERGY CONSERVATION THROUGH EFFICIENCY IS A GOOD GROWTH INDUSTRY

Schock

Energy Growth 2% U.S
30-50% in developing

Early next century

Population is driver

Oil → Natural Gas (Found little oil, → gas)

Reduce Coal

Transition Time (Long Time To Change Over)

Wood 100 years

Coal 100 years

Oil 100 years

(France) Nuclear 30 years

Fuel Cells - ^{transportation} direct conversion
Biomass

(Nuclear & Clean Coal)

Sweden

Conservation
Reduce Coal by 40%
Some Nuclear - Phase out
Hydroelectric 50% of load

Danish

Increase gas by \$1.00 per
pump into energy research
Phase out nuclear
Windmills

KALANI & KATIUSKA HANOHANO
P.O. Box 11711 • Honolulu, HI 96828

March 9, 1992

Dear fellow researchers:

On February 14, 1992, my wife and I received from Bob Gribble, Western Regional Director of MUFON, an audio copy of a taped interview with **Ed Dames, President of Psy-Tech**. This interview was conducted on KIRO Radio in Seattle. The interviewer was Jim French, a well-known radio personality in the Pacific Northwest. With him was KIRO investigative reporter, Mark Sauder.

Jim French is known for having a long-term interest in ufological matters. He is an acquaintance of Bob Gribble and, if I remember correctly, has interviewed Bob on numerous occasions in the past.

What follows is a transcription of the Dames interview. The tape begins abruptly, suggesting that Bob Gribble was not able to tape a portion of the interview. I recently spoke to Jim French to find out if he had a copy of the interview and he answered in the negative.

For those of us who have an interest in the intelligence communities incursion into both the parapsychological and ufological fields, some of the information from the Dames interview is suggestive, if not highly interesting. It is certainly the most extensive public interview with him that we are aware of.

As an aside, please note that Mark Sauder, previously an investigative reporter with KIRO radio, no longer works there. Jim French told me that Sauder had moved over to KING Broadcasting, also in Seattle.

Finally, if any of you have any clippings or audio/video recordings of Mr. Dames, Mr. Stubblebine, or of Scott Jones, my wife and I would appreciate copies and would not hesitate to transcribe the interview for wider distribution to interested parties.

Respectfully,



Kalani & Katuska Hanohano

KIRO RADIO (SEATTLE) INTERVIEW WITH ED DAMES

November 18, 1991

- Ed Dames** ...by America's premier psychic Ingo Swann in New York. Ingo systematized the way in which the unconscious acquires a target or remote viewing site and, ah, derived a way to allow great detail to be present in the consciousness. Not only did he do that, but he discovered a way of teaching people how to do this.
- Jim French** That must be very vital. I know that the Soviets were said to have been working on this for years trying to steal our secrets.
- Ed Dames** I know that they used a lot of naturals. I'm not quite certain that they ever achieved the ability to teach the techniques.
- Jim French** But when you say natural, what do you mean? Somebody who's born with ESP?
- Ed Dames** That's correct. They've been utilized in a willy-nilly *ad hoc* basis over the years. But, ah, they are not consistent. When they're on, they're really on; but you can't tell when they're on. And therefore, the usefulness of the information over time is not really substantial.
- Mark Sauder** And to clarify what Ed and his colleagues do, and what we believe the Defense Intelligence Agency does as well, it's called remote-viewing and that means getting information that's remote in time or place, meaning, Jim, you or I, had we been trained the way Ed is - according to Ed and the DIA - could sit here and draw a Soviet missile site. Or we could sit here and draw dinosaurs. In other words, we could get data that is remote from us in time - the future or the past, or space - In other words, thousands of miles away. That's what Ed says his company can do for businesses.
- Jim French** Well, are you saying that you can, even with your psychic abilities, ah, see what's going to be happening in the future?
- Ed Dames** About 10 years ago, or 8 years ago, we would have said no; we were looking at probabilities. But over the last several years we realized that some of the things that were associated with future events that we had looked at in the past were coming to pass verbatim and now we think that - at least the working hypothesis is that - yes, we are looking at the exact future.

KIRO RADIO INTERVIEW WITH ED DAMES

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- Jim French** How accurate is this?
- Ed Dames** It is, in the first week of work, about 80-85% accurate. If its followed-up by a 2nd or 3rd week of work, it's 90-100% accurate; and with a great amount of detail.
- Jim French** I've never heard of anything that accurate.
- Ed Dames** Ah, it's quite astounding. Ah, its amazing. We were just guys off the street who were trained by Ingo and (with) quite an extraordinary tool. You might think of a group of people who discovered a jet aircraft and learned without killing themselves how to fly it, but never understanding the principals of flight.
- Mark Sauder** Well, Jim, one quick point. We can't validate Ed's 85% or above accuracy rate. I think that remains to be seen in terms of the data that's come out. A lot of it is still secret. But Ed did point us in the direction, and we found out that Princeton University has concluded that this remote-viewing does occur. Princeton University, after a huge study, says it does occur. Now they can't speak to Ed's company - they're talking about in the laboratory. But certainly this is not a silly or ridiculous thing that Ed is talking about. There is scientific evidence that what he's talking about does occur.
- Jim French** And now I understand, Ed, that you are making your company's talent available to commercial organizations who want to get a leg up on their competition. How would you do that?
- Ed Dames** Well, we essentially explore technologies that are developing, but we move forward in time, so to speak, and we objectify in terms of detailed analytical sketches and technical details of those technologies that are around the corner. Actually, sometimes further out than that. Remote-viewing at times drops out of that equation and we were able to move very fluidly in time and reproduce in great detail, not only things in the present, but things in the past and in the future. It's a very technical process.
- Mark Sauder** To give a specific example, Ed, you've gotten data on Japanese car technology that you've passed to an American company.

KIRO RADIO INTERVIEW WITH ED DAMES

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Ed Dames

Actually, what that was, a large American automobile company asked us to look at the topic of hydrogen engines - hydrogen power plants - automobile power plants, and we did a worldwide search and looked for ongoing, that is, current projects that are involved in the research, development, testing and evaluation of hydrogen powered automobiles. The Japanese were just one of the countries that we looked at.

Jim French

Well, I have two final questions, I guess. It's all the time we'll have:

Number one: Is there anything that a company can do to block this psychic snooping?

Ed Dames

Ah, actually, ah, there isn't. We haven't found anything yet . . . we have limitations. If one were aware of the limitations that we have, then that could be done. But without knowing what those limitations are, which are, of course, proprietary and trade secrets so to speak, ah, no there is nothing that one could do . . . and hide, and that's why we're (going) after Hussein.

Jim French

Are you reading minds? Is that what this really is, or reading events?

Ed Dames

We're doing both. A mind and event are equal work to us. It's a lot of work, we don't do it immediately, it takes a long and involved process to acquire a target and to produce the data. But yes, one is equivalent to the other as far as we're concerned. It's all work.

Jim French

That's just mind-boggling. No pun intended. And you were taught all of this by Ingo Swann?

Ed Dames

That's correct. And some of the difficulties in teaching are (that) one has to be able to not only suppress imagination, but push it aside. That's very difficult. At the same time not allow any analysis. Ego can't get in the way. What one thinks the target or the site is cannot be allowed to overlay the data that is associated with the site

Mark Sauder

Ed, very quickly for the listeners: What do you think the U.N. team is going to find in terms of Saddams biological weapons? What do you predict they're going to find?

KIRO RADIO INTERVIEW WITH ED DAMES

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- Ed Dames Uh, obviously I can't go into details cause we'll tip our hands; but I think, ah, we managed to walk them into some key points. And we've offered our services to their nuclear inspection team as well if they need it in critical situations.
- Mark Sauder And you also mentioned to me that if they wanted, you guys could sit inside Saddam's mind.
- Ed Dames Ah, actually, very easily. We can make him sweat.
- Jim French You can make him sweat? Wait a minute, you can do something . . . you can mess up his mind?
- Ed Dames We can allow him to know that we know what he is planning to do next. We can be inside of his war room, we can determine his battle plans, determine whether or not he has deception plans laid out; those kinds of things
- Mark Sauder And for the listeners, one more time, I went to Ed Dame's house - This is Mark Sauder, KIRO investigative reporter - and Ed is a decorated military intelligence officer who served with distinction at the Pentagon in intelligence capacities, which he hasn't really wanted to talk too much to us about . . . this is still classified.
- Jim French This is so . . . Do you have more information you can share . . . I have a very important question to ask you. Ed, can you share further information with us about your work?
- Ed Dames I can fax you, uh
- Jim French No, I mean right now. Today. Right now.
- Ed Dames Uh, uh, for instance, what would you like?
- Jim French I would like to know what you are doing with UFOs?
- Ed Dames Uh, the tool that we have turns out to be something that allows science to look at phenomena that has heretofore been inscrutable
- Jim French If you don't mind, can . . . how's your time Mark? I'm going to keep you over for another 10 or 15 minutes. Is that all right with you, Ed?

KIRO RADIO INTERVIEW WITH ED DAMES

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Ed Dames I think we can manage that.

Jim French Stay with us everybody; its getting good.

(Break)

Jim French Ed Dames, President of Psy-Tech in Jessup, Maryland; are you there?

Ed Dames I'm here!

Jim French And Mark Sauder is here in the studio with me, KIRO investigative reporter.

I don't want to put you on the spot, and obviously you're not going to tell me anything you cannot tell me, but since you and your group are able to pinpoint in time and at a great distance - remote viewing - and have offered your services to the USA and to the United Nations in terms of trying to find Saddam Hussein's chemical weapons stash, you've also worked, I understand, in the field of UFOs. Are there ufo's? Are there unidentified flying objects that don't come from some country on earth?

Ed Dames There are. There are non-manmade objects out there.

Jim French Where do they come from?

Ed Dames It's too premature to discuss that at this juncture. As a matter of fact, that particular problem is so complex, I am not prepared to label what my own beliefs about where these things originate. We simply submit our raw analytical data to scientists and engineers and let them make that determination.

Jim French Well, then, I'll ask you one other thing on that. When do they come from? That is, are they (from) out of time, or are they from some other place contemporaneous with us, do you think?

Ed Dames Over the last 10 years we've been able to develop discriminators; that is, my company, uh, the team that has comprised the company prior to incorporation, we can tell whether something is driven by combustion processes or whether it is a natural phenomenon - those kinds of things - manmade. And there are two classes of objects: One that is a hardware-oriented type of thing that does not come from this planet; it is not driven by

KIRO RADIO INTERVIEW WITH ED DAMES

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Ed Dames (Cont.)

combustion processes, and there are several different types of technologies associated with that type - or that class - of ufo. And there is another type of - I won't call them an object - it is a system that is predominantly responsible for the so-called abductions. That is not a hardware-type of a system. So there are two very different classes of ufo-related phenomena that we've studied and researched over the years.

Mark Sauder

Ah, interesting point. We first found Ed Dames after noticing in a book by an investigative reporter previously with the *New York Times*, called *Out There*, about UFOs and what the government might know, or might not know. It mentioned that remote-viewers working for the government had been trying to track a Soviet submarine, and that in the course of psychically tracking this submarine, they had started to accidentally psychically track a ufo. Now, apparently Ed and his team were not involved in that effort. We believe that was a different group of psychics working for the government. But the psychics working in the government have apparently run across - independent of Ed and his group - some kind of ufo-type, alien spacecraft-type data.

Ed Dames

Mark?

Mark Sauder

Yea!

Ed Dames

It's important to understand that there's no charter within the government since you're not dealing with Project Blue Book. And other studies have determined that there is no national security threat connected with these types of things, regardless of what the public may feel, that there's no charter, there are no monies to support that kind of government inquiry. And, so private companies are left with the burden of analysis.

Mark Sauder

Right. And one other point about Ed's company: When we started looking into this, Congressman Norm Dix, who, of course, is from Tacoma and serves on the House Intelligence Committee, while he did not want to talk about Ed's company or about Persian gulf operations specifically, did say that he was privy to information that the U.S. government did use psychics and that they were surprisingly helpful and accurate in - as he put it -for seeing the future. So here we have a very straight-laced Congressman with access to highly-classified information in effect vouching for remote viewers.

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Jim French

Has it been difficult, Ed, for you to prove the legitimacy of the services that you offer?

Ed Dames

No it hasn't. Most of our customers have been Captains of industry and people at very high decision-making levels within corporate America who, for some reason, have an intuitive feel that we're telling the truth. That in conjunction with the makeup of my company. We have 9 people, including our directors, who . . . one of them is a former Major General in Army Intelligence, all of whom have very responsible positions within the government. My Vice-President is still in the military. We're pretty credible folks.

Mark Sauder

Although, of course, as Ed knows, there are some skeptics out there who claim that this doesn't work. One of them is a guy named Professor Ray Hyman, University of Oregon. But, as I mentioned earlier, there is in the academic world a fair amount of support for this concept of remote viewing.

Jim French

One last thing. What do you charge for your services? Do you offer a money-back guarantee if you're wrong?

Ed Dames

We haven't been wrong before. But if a customer were to insist that we did not answer the mail, I would not charge the client.

Jim French

I didn't understand what you said. If a customer, what?

Ed Dames

If a customer felt that we did not answer the question . . . did not answer the mail, so to speak, then I would not charge that client for my services.

Jim French

Edward Dames, president of Psy-Tech. Former Major in U.S. Military Intelligence and Mark Sauder introduced us to him. Thanks to both of you.