

IDA CRD

$$1N = 0.2''$$

Friday Sept 30th 1983

Drove to Nassau Inn Dinner.

drove out to Thayer 114

1000x Cray I

(A) wheel & wheels & ruts

(B) VSL I trim branching algorithms

□ 8mm □ wire IN

chip = Cray

forget arithmetic

long words pass by other word

stack RAM 30000 putative pipeline 10x260 0-15 stack

R 81 = 13721 CRAY RCH = 25,600 CRAY for 5m

Pipeline 160,000 CRAY for 5m 100 chips @ 200µs

U of Tenn
Rock Hill
Neel Ziegler

Lunch

Dave Robbins done in '78 diagnostic

Scamp Project: Welch (number of cmk)

Spread signal how do we detect & what to do w/ them

do on site processing to reduce data (bandwidth) in field

→ Carrier + square wave + other signals or jump main f

Difficult to blank out. Save input energy. Must

sync trans & receiver

L

IDA - CRD

Sept 30 1983

Welch: Spread Band signals

- ① Intrusion of system. Pass Check Theory
 some just no good.
 apparently put codes into economics.

The idea is to
 vary signal, and
 P. & signal on
 signal -

② Signal Acquisition

when one can record parameters

③ ?

④ ?

⑤ Misc?



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March 23, 1983

MEMORANDUM FOR MEMBERS OF THE IDA BOARD OF TRUSTEES

On March 17, 1983, Al Flax, Lou Tordella, Reeves Hicks, our New Jersey attorney, and I met with General Faurer and members of his staff to try to resolve the CRD polygraph problem. It is my impression that the conference ended with General Faurer holding 3 Aces while the best we could do was "2 one-eyed Jacks and the King with the ax" (See Hoyle if that is obtuse).

The meeting started with my reviewing the situation as I described it at our last Board meeting. I pointed out that the decision as to whether or not CRD employees would take a polygraph was not to be resolved by Lee Neuwirth or by Al Flax. This is an important matter that should be decided by the Trustees. I also pointed out that we have not received a formal opinion from the Attorney General of the State of New Jersey. From that point, we are operating in the dark. I also recalled to General Faurer that at our last meeting we had agreed to hold off requiring the polygraph test until it was applied more generally to those who had access to NSA information. Thus, it would not appear to pick out CRD for special attention. I also said that it was my impression that General Faurer had agreed to delay until the general atmosphere was more tolerant toward such tests. General Faurer quickly pointed out that on this last point he meant when the atmosphere among Government employees was more conducive and not, as I had suggested, the atmosphere of the general public. On this point we did not argue.

I then pointed out the choices that remained: first, that NSA would insist on the polygraph test, or, second, that NSA would back off. Under this second choice, I admitted that some of us would have difficulty if NSA backed off and then one of our employees became a defector and we had prohibited the test that might have found him earlier.

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However, if NSA should insist on the test being taken, we could, as a Board of Trustees, refuse, and then NSA would have the option of taking the contract elsewhere. This would not be without pain for IDA because we are committed to many employees and have responsibilities for buildings, and so forth. However, also under NSA's insistence, we could defer with the possibilities that:

1. We might lose support of some Trustees who felt this was the wrong path;
2. We might be defendants in law suits;
3. We might well lose some very good people;
4. We could be subject to adverse publicity;
5. We might arouse the ACLU, Science magazine, committees of Congress, and so forth.

General Faurer said he was quite cognizant of all this, and he admitted we might see things more clearly after getting a ruling by the legal people giving the position of the New Jersey Attorney General. (The grapevine says that the Attorney General of New Jersey will defer to Federal supremacy.) We also pointed out that we had to have a legal opinion concerning the Trustees' liability for civil suits.

The conclusion was that General Faurer insists that NSA go ahead. He will defer for one month and has agreed to meet with the Trustees if we so desire to explain his decisions.

Therefore, I am calling a meeting for this purpose on Wednesday, April 13, in the IDA Board Room at 9:15 a.m. I hope you can attend. If not, I would like to know what your opinion is. You could tell me that you wish to:

1. Abstain from voting;
2. Vote not to obstruct the NSA;

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3. Vote to deny NSA the right to require polygraphing; or,
4. Give the Chairman your proxy.

It is my feeling that we have played the game almost to the limit. We are behind 10 to 0. It is the bottom of the 9th, 2 men are out, the count on the batter is 3 and 2. Unless some new facts appear, I would vote not to obstruct, which means that NSA would go ahead, I suspect gingerly. If you cannot come to the meeting, would you either fill out the enclosed form or call me and give me your decision. My phone number in Hilton Head is: (803) 842-4373.



Eric A. Walker
Chairman

Attachment