

Project SCANATE*

Exploratory Research in Remote Viewing

As a result of the experimentation carried out on what might be termed micro-abilities, Swann expressed the opinion that the insights obtained had strengthened a macro-ability which had been researched prior to his joining the SRI program; namely, the ability to view remote locations.¹ In order to test the above assertion, SRI researchers set up a series of experimental protocols on a gradient scale of increasing difficulty.

The first step toward the proof that such an ability might exist in principle was completed in our laboratory in a series of experiments with another subject in which target pictures were successfully received where the subject was separated from the target material either by an electrically isolated shielded room or by the isolation provided by East-coast/West-coast distances. This data is presented in Appendix 1.

Global Targets-Training Mode

For the first experiment, considered to be a training mode, 100 targets on the earth's surface, ten per day for ten days, were chosen at random, often by different experimenters. For each ten-trial session, the experiment would begin with the subject (Swann) being given a target location by latitude and longitude only, for which he had to provide an immediate response of what he saw. Following his response, some brief indication was given as to whether there existed any correspondence between his description and the target location. The next coordinate was then

* Scanning by Coordinate



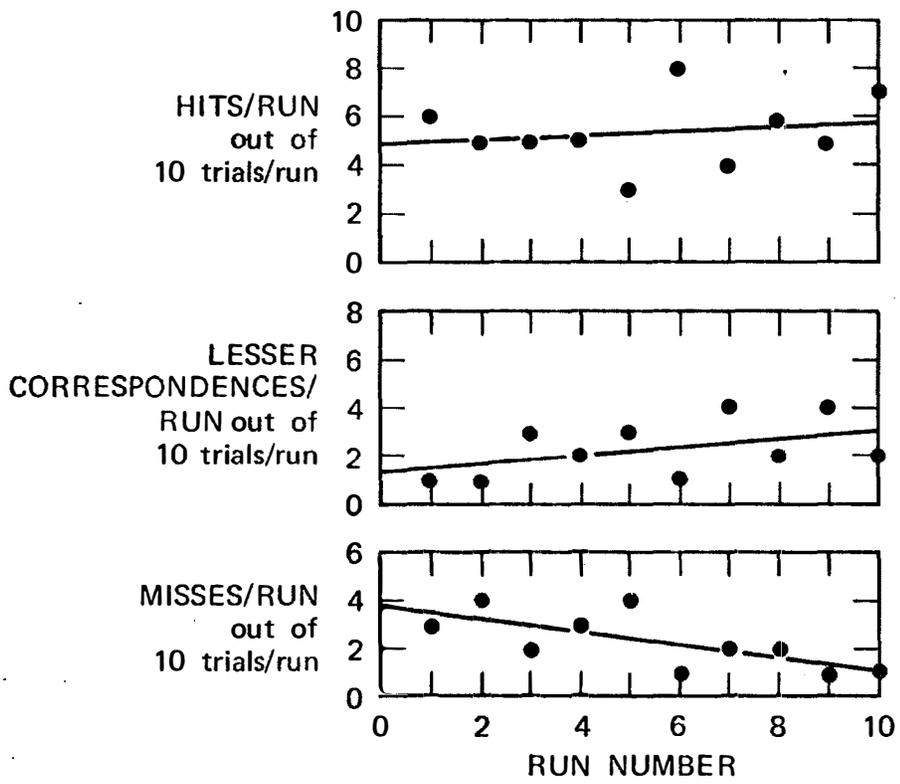
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given, etc. until all ten coordinates were exhausted. A run of ten
coordinates was always completed in less than thirty minutes for the
entire run.

The results obtained during the training mode are summarized in
Figure 1, where a least-squares fit to the data is shown by the solid
lines. Detail for the final run (Run 10) is shown in Table 1. We
must, of course, point out that the results of such a training mode
can be taken as indicative only, since, even under the carefully con-
trolled experimental conditions in force, a) an individual could, in
principle, obtain good results on the basis of memory, and b) given
the hypothesis of extraordinary functioning an individual could, in
principle, obtain the data subliminally from an experimenter who knows
the target location. The final evaluation must, therefore, rest on
the analysis of the double-blind targets used in the concluding demon-
stration-of-ability tests.

SCANATE TRAINING RESULTS (SWANN)



SA-2613-1

Table 1. Run 10, SCANATE Training Results

<u>Target</u>	<u>Response</u>	<u>Evaluation</u> *
45°N 150°W (ocean)	Ocean, beautiful blue-green waves, sun shining, ship toward north	H
2°S 34°E (eastern shore, Lake Victoria, Africa)	Sense of speeding over water, landing on land. Lake to west, high elevation.	H
55°N 150°E (Sea of Okhotsk)	Not many trees, patches of snow, marsh?	M
64°N 19°W (20 miles ENE of Mt. Hekla volcano, Iceland)	Volcano to southwest. I think I'm over ocean.	H
55°N 130°E (Soviet Union)	Wind blowing there, night, telephone wires. Land, flat place with fields; Cold.	N
60°N 90°W (Hudson Bay)	Open water, stands of pine to north	H
60°N 91°E (Soviet Union)	City, snow on ground, city to north- east, factory to south	N
30°S 0° (ocean)	Ocean, Atlantic, deep blue water	H
42°N 105°E (Gobi)	Mountains	H
28°S 137°E (Lake Eyre, Australia)	Islands, Land mass to east, west. An open sea, night	H

*
H--Hit; good description of area in near vicinity of target.
N--Neutral; some possibility of correspondence.
M--Miss; clear lack of correspondence.

Demonstration-of-Ability Tests: Double-blind Sponsor Coordinates

In order to subject the remote viewing phenomena to a rigorous test under control of the sponsor, a request for coordinates was transmitted to a scientist of the sponsoring agency. In response, SRI personnel received the first set of coordinates, hereafter referred to as the Virginia Site.

Virginia Site (Swann)

Date: 29 May 1973, 1634-1640, Menlo Park, CA

Protocol: Coordinates 38°23' 45-48"N, 79°25' 00"W given by Dr. H.E. Puthoff to subject I. Swann to initiate experiment. No maps were permitted and the subject was asked to give an immediate response. The session was recorded on videotape.

Swann Response:

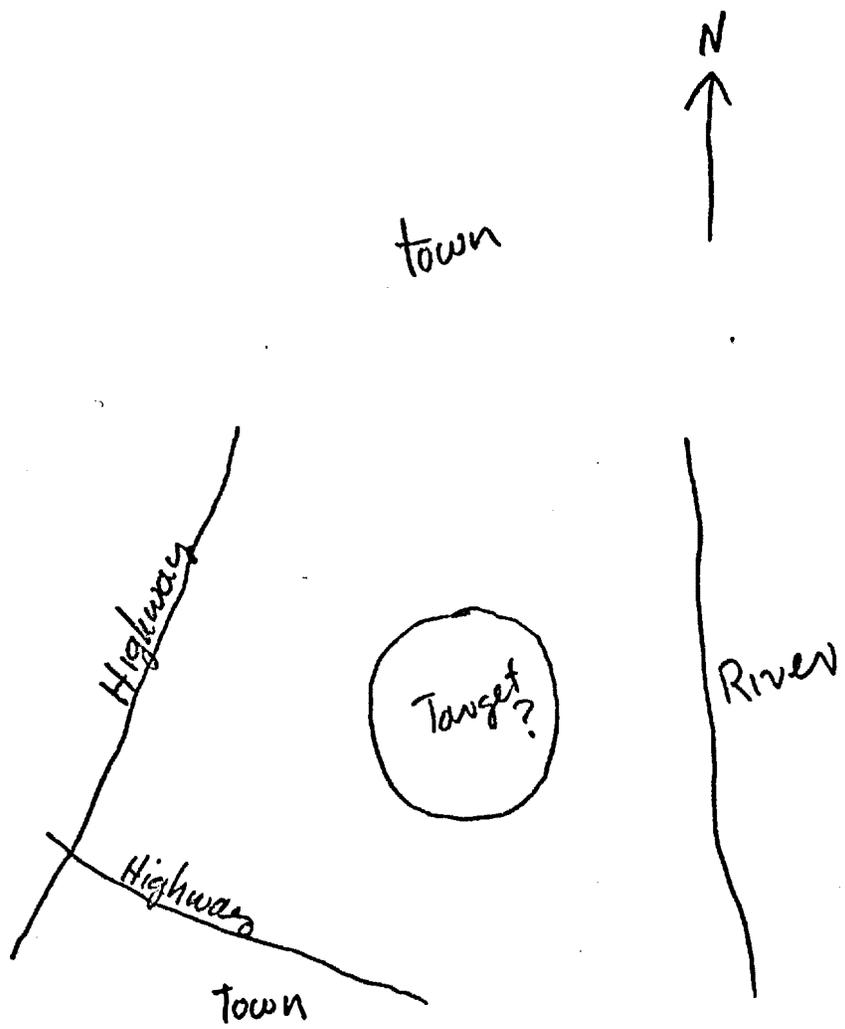
"This seems to be some sort of mounds or rolling hills. There is a city to the north (I can see the taller buildings and some smog). This seems to be a strange place, somewhat like the lawns that one would find around a military base, but I get the impression that there are either some old bunkers around, or maybe this is a covered reservoir. There must be a flagpole, some highways to the west, possibly a river over to the far east, to the south more city."

The map of Figure 2 was drawn.

On the following morning Swann submitted a written report of a second reading.

30 May 1973, 0735-0758, Mountain View, CA

"Cliffs to the east, fence to the north. There's a circular building (a tower?), buildings to the south. Is this a former Nike base or something like that? This is about as far as I could go without feedback, and perhaps guidance as to what was wanted. There is



some sort of camp.

something strange about this area, but since I don't know particularly what to look for within the scope of the cloudy ability, it is extremely difficult to make decisions on what is there and what is not. Imagination seems to get in the way. (For example, I seem to get the impression of something underground, but I'm not sure.) However, it is apparent that on first sighting the general location was correctly spotted." The map of Fig. 3 was drawn.

Virginia Site (Pat)

As a backup test, the coordinates were given to a second subject who appears to possess similar ability in casual testing, although with perhaps a lower signal-to-noise ratio. The task was presented to the second subject independently of the first, both to prevent collaboration and to prevent any sense of competition. Since the second subject, a businessman, wishes to remain anonymous for the time being, he shall be referred to simply as Pat.

Date: 1 June 1973, 1700, Menlo Park, CA

Protocol: Coordinates $38^{\circ}23' 45-48''N$, $79^{\circ} 25' 00''W$ given by Dr. H.E.

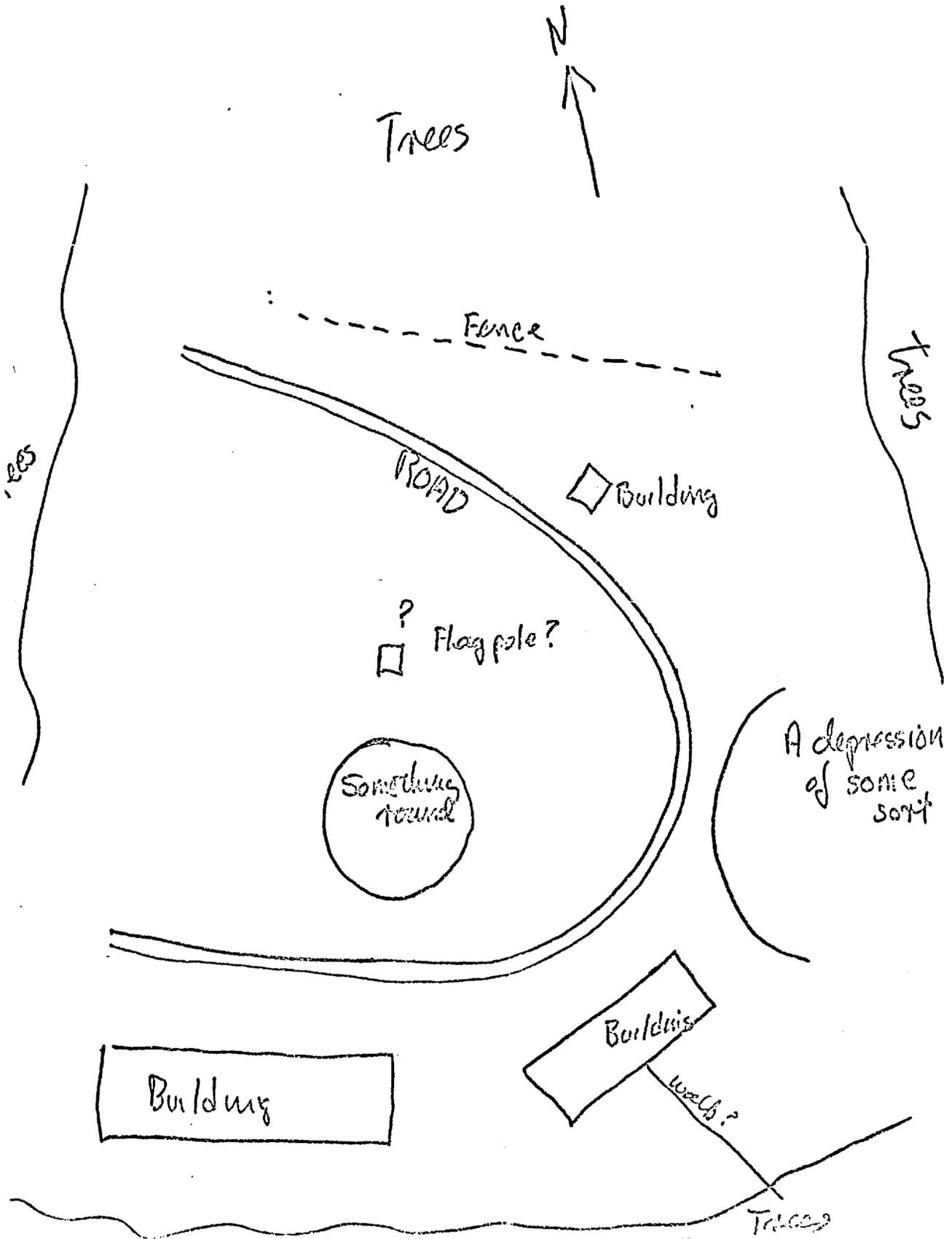
Puthoff to subject Pat by telephone to initiate experiment.

Pat Response:

On the morning of 4 June 1973 Pat's written response was received in the mail.

2 June 1973, 1250-1350, Lake Tahoe, CA

"Looked at general area from altitude of about 1500' above highest terrain. On my left forward quadrant is a peak in a chain of mountains, elevation approximately 4996' above sea level. Slopes are greyish slate covered with variety of broad leaf trees, vines, shrubbery, and undergrowth. I am facing about $3^{\circ} - 5^{\circ}$ west of north. Looking down the mountain to the right (east) side is a roadway, freeway country style- curves around base of mountain from S.W.-swings north for a few miles, then heads E.N.E. to a fairly large city about 30-40 miles distant. This area was a battleground in civil war-low rolling hills, creeks, few lakes or reservoirs. There is a smaller town a little S.E. about



15-20 miles distant with small settlements, village type, very rural, scattered around. Looking across the peak, 2500-3000' mountains stretch out for a hundred or so miles. Area is essentially wooded. Some of the westerly slopes are eroded and gully washed - looks like strip mining, coal mainly.

Weather at this time is cloudy, rainy. Temperature at my altitude about 54° - high cumulo nimbus clouds to about 25,000-30,000'. Clear area, but turbulent, between that level and some cirro stratus at 46,000'. Air mass in that strip moving W.N.W. to S.E.

1318 - Perceived that peak area has large underground storage areas. Road comes up back side of mountains (west slopes), fairly well concealed, looks deliberately so. It's cut under trees where possible - would be very hard to detect flying over area. Looks like former missile site-bases for launchers still there, but area now houses record storage area, microfilm, file cabinets; as you go into underground area through aluminum rolled up doors, first areas filled with records, etc. Rooms about 100' long, 40' wide, 20' ceilings with concrete supporting pilasters, flare-shaped. Temperature cool - fluorescent lighted. Personnel, Army 5th Corps engineers. M/Sgt. Long on desk placard on grey steel desk-file cabinets security locked - combination locks, steel rods through eye bolts. Beyond these rooms, heading east, are several bays with computers, communication equipment, large maps, display type, overlays. Personnel, Army Signal Corps. Elevators.

1330 - Looked over general area from original location again - valleys quite hazy, lightning about 30 miles north along mountain ridge. Temperature drop about 6°, it's about 48°. Looking for other significances: See warm air mass moving in from S.W. colliding with cool air mass about 100 miles E.S.E. from my viewpoint. Air is very turbulent - tornado type; birds in my area seeking heavy cover. There is a fairly large

river that I can see about 15-20 miles north and slightly west; runs N.E., then curves in wide valley running S.W. to N.E.; river then runs S.E. Area to east, low rolling hills. Quite a few Civil War monuments. A marble colonade type: "In this area was fought the battle of Lynchburg where many brave men of the Union and Confederate Armys (sic) fell. We dedicate this area to all peace loving people of the future- Daughters G.A.R."

On a later date Pat was asked to return to the Virginia site with the goal of obtaining codeword information, if possible. In response, Pat supplied the following information:

"Top of desk had papers labeled:

Flytrap

Minerva

File cabinet on north wall labeled:

Operation Pool --- (2nd word unreadable)

Folders inside cabinet labeled:

Cueball

14 Ball

4 Ball

8 Ball

Rackup

Name of site vaguely seems like Hayfork or Haystack

Personnel:

Col. R.J. Hamilton

Maj. Gen. George R. Nash

Major John C. Calhoun??"

Urals Site (Pat)

After obtaining a reading on the Virginia site, Pat volunteered that he scanned the other side of the globe for a Bloc equivalent, and found

one in the Urals at $65^{\circ} 00' 57''$ N, $59^{\circ} 59' 59''$ E, described as follows. "Elevation, 6200'. Scrubby brush, tundra type ground hummocks, rocky outcroppings, mountains with fairly steep slopes. Facing north, about 60 miles ground slopes to marshland. Mountain chain runs off to right about 35° East of north. Facing south, mountains run fairly north and south. Facing west, mountains drop down to foothills for 60 miles or so; some rivers running roughly north. Facing east, mountains are rather abrupt, dropping to rolling hills and to flat land. Area site underground, reinforced concrete, doorways fo steel of the roll-up type. Unusually high ratio of women to men, at least at night. I see some helipads, concrete. Light rail tracks run from pads to another set of rails that parallel the doors into the mountain. (See Fig. 4) 30 miles north (5° west of north) of the site is a radar installation with 1 large (165') dish and two small fast-track dishes."

The above reports were submitted to the sponsoring agency for evaluation. A second set of coordinates was requested and obtained, hereafter referred to as the Island site.

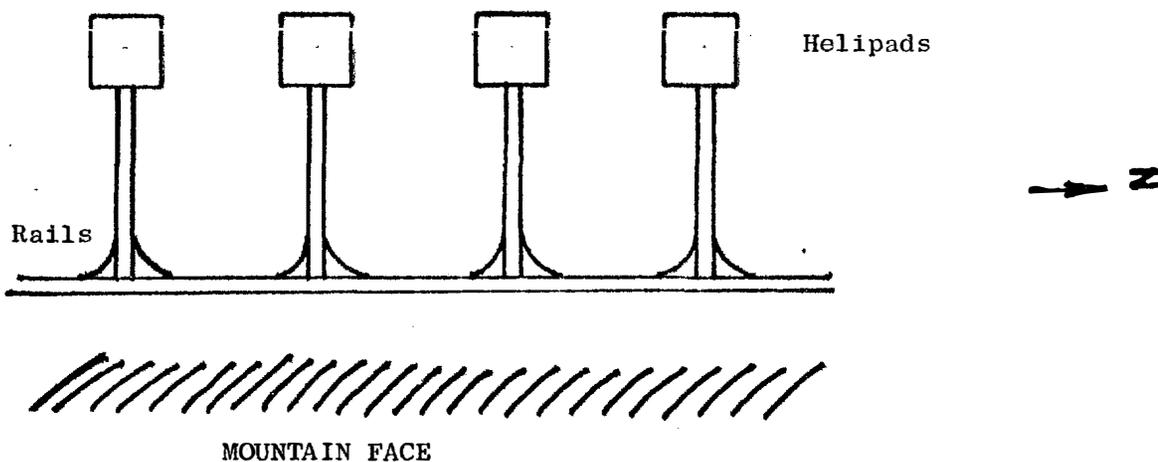
Island Site (Swann)

Date: 21 July 1973, 1708-1730, Menlo Park, CA

Protocol: Coordinates $49^{\circ} 20'S$, $70^{\circ} 14' E$ given by Dr. H.E. Puthoff to subject I. Swann to initiate experiment. No maps were permitted and the subject was asked to give an immediate response. The session was recorded on videotape.

Swann Response:

"My initial response is that it's an island, maybe a mountain sticking up through a cloud cover. (Experimenter checks, gives positive feedback.) Terrain seems rocky. Must be some sort of small plants growing there. Cloud bank to the west. Very cold. I see some buildings rather mathematically laid out. One of them is orange. There is

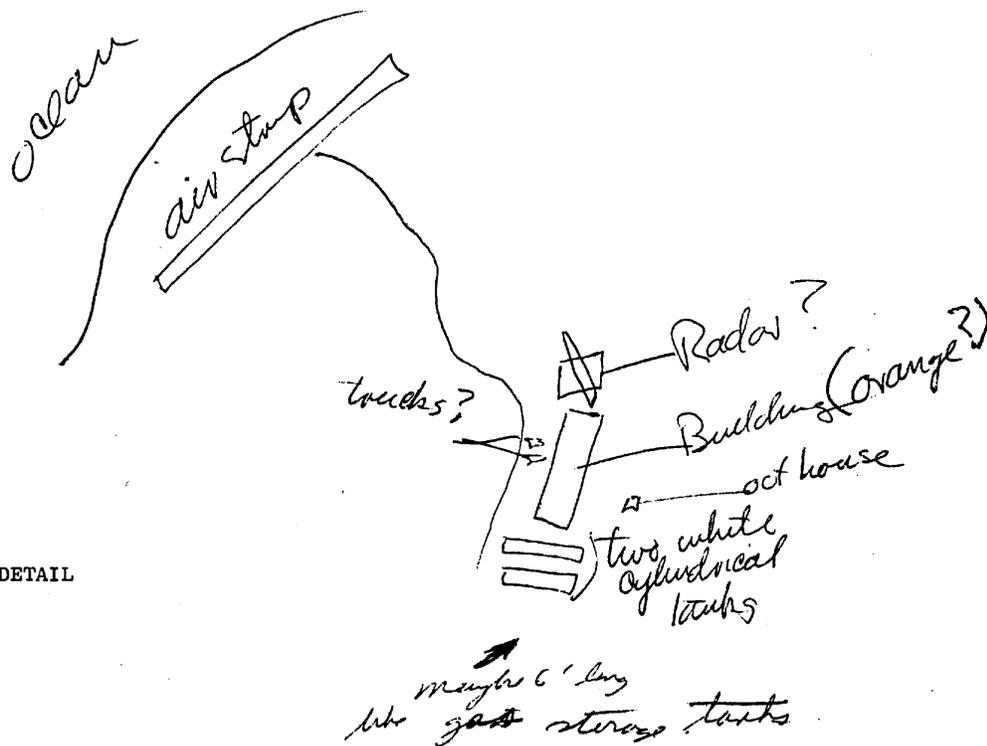


something like a radar antenna, a round disc. (Subject draws map during report.) Two white cylindrical tanks, quite large. To the northwest a small airstrip. Wind is blowing. Must be two or three trucks in front of building. Behind, is that an outhouse? There's not much there. That's all, I think, for now". Swann submits map, Fig. 5.

On the following day, 1152-1215, the identical protocol was followed for a second reading. Again, no maps were permitted. During this reading, Swann described following the coastline of the island, drawing segments on 8½" x 11" pieces of paper as he went, resulting in Fig. 6 when the pieces were assembled.

"It's not completely dark there, sort of orangish light. If I look to the west, hills; to the north flatlands and, I think, airstrip and ocean in the distance; to the east, rolling bumpy grasslands with bumps; to the south is - - I can't see anything to the south. I move north to the coastline and follow it around. That's point A (begins to draw map). Point B, rocks sticking up out of the ocean, breakers on them. Point C, little cluster of buildings with wharf, boats. Point D, jutting of land sticking out. Point F * is sand basin, river coming through, lot of birds. Point E, brush of small trees. This is fun (laughs), first time I've ever done this. (Following E) almost a straight coastline, cuts in rocks, beach. Then curves back. I see to northwest a mountain rising, snow on top. Area G is irregular. Point H is a high cliff, Point I is a promontory, Point J has big breakers, K is a bay, L is area I drew yesterday (circles area, draws airstrip and buildings for orientation to previous map). That will do for today. May be a lighthouse (on tip?). I lacked courage going around Point G.

*Lettering out of order.



SECTION I. DETAIL

Analysis of Results (Double-Blind Sponsor Coordinates)

For security and logistical reasons, the results obtained with the double-blind sponsor coordinates are being evaluated separately at the sponsor agency. (See attached supplement.)

As an additional control with regard to the experimental protocol, SRI personnel have not been informed before, during, or after of any details of the target series parameters, including the hit-miss profile. However, SRI personnel have been informed that in each experiment there have been at least some categories of information in which the data exceed any possible bounds of coincidental correlation, and exceed any possible bounds of acquisition by known means. It has also been reported that some of the data possibly constitutes "noise" in the signal, but it has usually been difficult to negate totally any information given by the subjects.

Therefore, we are led to conclude from this portion of the study that:

- 1) a channel exists whereby information about a remote location can be obtained in the manner described;
- 2) as with all biological systems the information channel appears to be imperfect, containing some noise along with the signal;
- 3) while a signal-to-noise ratio cannot as yet be determined by SRI personnel with regard to sponsor-controlled targets, a semi-quantitative signal-to-noise ratio could be determined with additional experimental effort.