



HOKULE'A

March 12, 1981

TO: Mr. Fred Cachola, Director
Extension Education Division

FROM: Gordon Pi'ianāi'a, Co-Chairperson
PVS, Education Committee

SUBJECT: Polynesian Voyaging Society,
Education Committee Report

Attached is a report from the Polynesian Voyaging Society,
Education Committee to the Kamehameha Schools/Bishop Estate.

Audrey Wong
A. Wong for
Gordon Pi'ianāi'a

EDUCATION COMMITTEE REPORT TO
THE KAMEHAMEHA SCHOOLS/BISHOP ESTATE

The Polynesian Voyaging Society is dedicated to researching, testing, and organizing what knowledge can be recovered of Polynesian maritime capabilities, gathering further data derived from experiments, and making all findings available to other educational institutions and to all the general public. To scientists it has been a floating laboratory for experiments which have been conducted on 6,000 mile round-trip voyages between the Hawaiian Islands and the Society Islands. Educators regard it as a 'Floating Classroom', a living symbol of our cultural ancestors to be shared with the people of our ever developing state, especially the children of our schools from Kaua'i to Hawai'i.

A most important object of Polynesian culture was the voyaging canoe, to whom all Polynesians owe their existence. Its central position is evident in its relationships to Polynesian astronomy, navigation, fishing, artisanship, social organization, art, religion, techniques of food preservation, and the agricultural and animal husbandry skills which made the difficult feat of transporting plants and animals over thousands of miles of the largest body of water on our planet possible. By bringing back into existence this important cultural object, the strong effort to recreate and further the learning and teaching of things Hawaiian has been greatly aided. The Hokule'a is an ever-present reminder of the intelligence, industry resourcefulness, and courage of the Hawaiian people.

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EDUCATION COMMITTEE

The Education Committee is a major component of the Polynesian Voyaging Society and is responsible for undertaking various projects and activities that will further the mission of the Society. This is primarily done by servicing (classroom presentations, lecture, workshops, and canoe visitations) and development of educational materials (slide shows, films, displays, and books). For the 1979-1980 year, the Education Committee established the following objectives:

1. **OVERALL OBJECTIVE:**
Develop and disseminate educational materials on Polynesian voyaging.
2. **SPECIFIC OBJECTIVES:**
 - a. Complete the lay-out and final editing of the book "Polynesian Seafaring Heritage for publication.
 - b. Complete the process of developing more sets of slide-tape presentations relative to the Hokule'a, especially on the trip to Tahiti and back to Hawai'i.
 - c. Work with selected music teachers to teach songs composed about the Hokule'a with the possibility of eventual recordings by students.
 - d. Provide workshops so that teachers and others interested in Polynesian voyaging will know what materials are available on Polynesian voyaging and also to help them use available materials more effectively in the classroom.
 - e. Continued effort in advertising and selling of the Children's books (Na Puke Huaka'i Kamali'i and the Curriculum Guide on Polynesian Voyaging), especially via participation in book fairs and exhibits.
 - f. Continue giving presentations to schools and other groups utilizing crew persons, films, slides, etc. Also continue canoe visitations by schools and other groups.
3. Another important aspect, and not necessarily an objective, was to pursue available grants to support

the whole efforts of the Education Committee and society as a whole.

In looking back at the objectives and tasks faced by this Committee, we would like to summarize the above by saying that all of the areas of concern were addressed by this Committee. Though hindered by not having a full-time staff and a limited amount of funds to work with, we can be proud of the efforts and results of this voluntary crew of community people, many of them Educators.

Item 2(a) was completed during the 1980-1981 year. Item 2(b) was completed and used in presentations. Item 2(d) was established at Pope Elementary and KS Elementary with students learning songs but not being able to record because of the ending of the school year. Item 2(d) is a continuing practice, especially when new materials are developed. Item 2(e) is a continuing practice and not only furthers knowledge on Polynesian voyaging but shares the works of local writers and artists. Item 2(f) is a continuing practice and the most popular of all activities or services provided. There is constant demand for classroom presentations and canoe visits.

Where possible, various aspects of voyaging have been used in a number of content areas. In addition to building or developing pride, an effort has been made to introduce components of a rich seafaring heritage into the course offerings common to our young men and women in our schools. Examples include:

- Voyaging - History
- Chants with courses - Math
- Songs and Chants - Music
- Living Conditions - Human Relations
- Foods - Culture
- Stars - Science (Astronomy)

EDUCATION COMMITTEE MEMBERS

Though the Committee is large, it must be recognized that members serve on a voluntary basis. The efforts of this committee is thus dependent upon availability of time of each individual. Fortunately, members gave of themselves when their talents were most needed.

Cecilia Kapua Lindo - Chairperson
Gordon Pi'ianai'a - Co-Chairperson
Willenne Mailani Bell - Education Coordinator (CETA position)

- | | |
|------------------------------|--------------------------|
| 1. Paige Kawelo Barber | 11. Chuck Larson |
| 2. Homer Hayes | 12. Robert Liljestrang |
| 3. Dr. Barbara Hunt | 13. Joseph Timothy Lucas |
| 4. Alyce Ikeoka | 14. Paula Luv |
| 5. Kaipo Kauka | 15. Nani Bowman Lyman |
| 6. Rowena Keaka | 16. Linda McChrerry |
| 7. Marion Kelly | 17. Marion L. Mersereau |
| 8. Melissa Kim | 18. Daryl J.M. Pescaia |
| 9. Will Kyselka | 19. Steve Somsen |
| 10. Betty-Ann Kahalaopua Lau | 20. Dr. Edward D. Stroup |

Two institutions also should be recognized: The first is the Kamehameha Schools/Bishop Estate for its vital support in aiding the efforts of this group with a \$10,000 grant and continued use of facilities and staff; the other is the Punahou School for support from their AV Department and staff in work on the book "Polynesian Seafaring Heritage".

The Education Committee of the Polynesian Voyaging Society would like to thank you for your continued support of the educational efforts of this committee during the 1979-1980 school year. This committee is greatly appreciative of the \$10,000 grant of November 7, 1979 which allowed the committee to work as a "consultant" and a cooperating agency with the Hawaiian Studies Institute of the Kamehameha Schools/Bishop Estate.

As stated in the grant, the reason for this cooperative venture was: "To further develop materials dealing with 'voyaging' and Hawaiian culture, to cooperatively encourage workshops throughout the state by providing speakers and resource peoples, to participate in research and dissemination of evaluated data, and to further the involvement of peoples of Hawai'i in the Society by using the Hokule'a as a 'floating classroom'. To continue the support of relative programs of the Kamehameha Schools (both Campus and Extension Divisions) with presentations and sailing ventures on the canoe."

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The grant was the major source that allowed the Education Committee to carry out its work with what other resources (human) it had available during the past year. Both agencies (The Polynesian Voyaging Society and the Kamehameha Schools/Bishop Estate) can be proud in the successes of the shared ventures. The impact of the Hokule'a whether through classroom presentations, canoe visitations, or an actual voyage of nearly 6,000 miles (without the aid of any instruments) has left its mark on the peoples of this State. More so, the canoe itself has become a symbol in which all Hawaiians, young and old, can be proud. The canoe is the embodiment of all things Hawaiian - past present and future.

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BREAKDOWN OF \$10,000 GRANT

1.	1980 canoe trip (including salaries, supplies and support of R & D effort)	=	\$5,000
2.	Development of materials (including photographs, editing and other services)	=	\$ 500
3.	Polynesian Seafaring Heritage book (including typing, setting, layout, etc.)	=	\$4,000
4.	Supplies/Services (office support)	=	\$ 500

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PVS-KS/BE RELATIONSHIP

Under the agreement of the grant contract, the Kamehameha Schools has access to all educational materials developed by the Education Committee. Kamehameha Schools has also been acknowledged for materials developed or published as a cooperating developer or agency.

To continue our relationship, the Education Committee has maintained its services to the Schools via classroom presentations and lectures, canoe visitations for classes, and what other requests teachers may have. In the past, Kamehameha students and projects have been invited on day and weekend sails and hopefully this can be resumed soon. No other school receives this support.

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1980 TRIP TO TAHITI AND BACK

During the 1979 year, the Polynesian Voyaging Society planned and prepared for the successful 1980 trip to Tahiti and back to Hawai'i. The major objective for this trip was to see whether a young Hawaiian navigator and crew could successfully navigate and sail the Hokule'a nearly 6,000 miles without the use of any instruments to Tahiti and back to Hawai'i. There is no need to elaborate further. Other objectives included developing and strengthening cultural ties between Hawai'i and Tahiti and building up pride within the Polynesian peoples, especially the Hawaiians.

The Education Committee undertook more responsibilities and participated in new educational efforts to make the trips a success. Instead of concentrating effort on what was done in the past or what we knew of voyaging, we were able to portray what we felt we could and were going to do. Much of what was planned for in 1980 was an accumulation of past information being put to actual practical use. At the same time, efforts to continue working on specific objectives as outlined for the 1979-1980 school year were maintained.

Prior to the 1980 voyage, members of the Polynesian Voyaging Society gave classroom talks and provided canoe visitations when possible. This was especially true for the islands of O'ahu and Hawai'i.

Upon arrival in the Society Islands, canoe presentations and canoe visitations were continued by crew persons and other members of the Polynesian Voyaging Society. Working with a sister organization, the Tainui Association, the canoe was taken to the island of Moorea and three districts outside of Papeete. We are happy to say that the reception and interest of our Polynesian cousins was tremendous and a genuine cultural relationship was established.

In addition efforts were made to include Kanehaneha Schools in the various activities going on. Classes were taken to the canoe, speakers were sent to classrooms for presentations, one project was involved in relaunching the canoe for the trip, and staff were invited to attend special training sessions and lectures that were developed for persons who had applied as prospective crew.

1980-1981 OBJECTIVES

Long and short term objectives have been established by the Education Committee. These are relative to the overall goals of the Polynesian Voyaging Society as stated in the Charter of Incorporation, Polynesian Voyaging Society, granted by the State of Hawai'i, September 13, 1973.

LONG TERM: Dissemination of knowledge on Polynesian seafarers who settled Hawai'i and other Pacific Islands to further enrich the seafaring traditions and lifestyles of those early people in today's society. To develop pride and an awareness of Hawai'i which relates to other cultural and historical endeavors being undertaken by different organizations and institutions Statewide. The canoe is the embodiment of all things Polynesian.

One particular area of importance is the use of Hokule'a as a 'floating classroom'. This is a valid concept that has already been utilized as such. However, most of the educational efforts have been within the traditional classroom setting. Long-term objectives include these areas of concentration:

- SAILING
- CRAFTS
- CANOE DESIGN
- SEAMANSHIP
- TRADITIONS
- HISTORY
- NON-INSTRUMENT NAVIGATION
- HAWAIIAN KNOWLEDGE OF OCEAN ENVIRONMENT
- FOODS
- MATH AND SCIENCE CONCEPTS
- PHYSICAL EDUCATION
- FUN

Endeavors can readily fall within various curriculums being used in our school system. Primarily, the Education Committee will be involved in the following:

- WORKSHOPS
- CLASSROOM VISITATIONS
- CANOE VISITATIONS
- OTHER LECTURES/SPEAKING ENGAGEMENTS
- SELECTED PROJECTS
- DEVELOPMENT OF EDUCATIONAL MATERIALS

SHORT-TERM: The Education Committee hopes to accomplish the following during the 1981-1982 school year:

- CONTINUE DISSEMINATION OF INFORMATION
- CONTINUE WORKSHOPS WITH NEW INFORMATION
- CONTINUE SPEAKER'S BUREAU
- CONTINUE DEVELOPMENT OF MATERIALS
- ATTEND BOOK FAIRS AND PUBLICIZE BOOKS
- POSSIBLE CHANT/SONG PROJECT
- POSSIBLE PICTORIAL BOOK OR FILM STRIPS
- CANOE VISITATIONS

POLYNESIAN VOYAGING SOCIETY

BOX 6037 / HONOLULU / HAWAII 96818 / (808) 841-3966

January 20, 1977

MEMORANDUM

TO: Board of Trustees
The Kamehameha Schools/Bernice P. Bishop Estate

FROM: Fred Cachola, Chairman
Education Committee

SUBJECT: PROGRAM REPORT ON EDUCATION GRANT

I. OVERVIEW

On May 26, 1976 the PVS Education Committee requested and received an educational grant of \$10,000 from The Kamehameha Schools/Bernice P. Bishop Estate. The grant specified that PVS develop and submit "... an educational program by February 1, 1977 which will incorporate all of the potential human and material resources of PVS that can benefit the educational experiences of school-age children and other community target audiences."

Copies of the grant specifications and other related details are attached.

II. STATUS REPORT

(A) Extension Requested. The educational program will not be completed by February 1, 1977. We respectfully request an extension until the end of this school year--June 30, 1977.

Several factors which were not anticipated have contributed to the necessity to extend the program completion.

1. Limited manpower and human resources of the PVS devoted exclusively for education program development.
2. Logistical and weather constraints in moving and establishing Hokule'a as a "floating classroom" on Oahu and neighbor island communities.

3. More effort required to establish and maintain cooperative working relationships in DOE classrooms for field-testing or generating curriculum units.

(B) Accomplishments.

1. Classroom presentations by Gordon Piianaia have been effective in providing an overview of Polynesian voyaging. The requests from schools and community groups exceed our current capacity to respond. Two or three full-time instructors would be required to meet the flow of requests. (See attached reports for more details regarding DOE relationships.)
2. The Book Subcommittee has published four children's books on Polynesian voyaging accompanied by a teacher's guide. The book project was operating prior to the grant we received from KS/BE; however, we included them in our Education Committee's organization after we received the grant. The children's books and the teachers' guide have been distributed and sold through several outlets--PVS Store (Koko Marina), PVS Office, Liberty House, book fairs, carnivals, and promotional tours in selected schools.

The DOE Book Review Committee has given the books and teachers guide a very favorable review--"Facts are well researched . . . teachers guide . . . is most complete, with learning objectives, activities, diagram . . . highly recommended." (See attached financial statement.)
3. Several slide-tape productions are underway for community and school audiences. Most of the slides have come from crew members who made the trip. Gordon Piianaia, Nani Lyman, and many others have been working in this area.
4. The DOE Artmobile has contracted the PVS (\$2,500) to develop a special exhibition on voyaging for presentations to Oahu and possibly the Big Island schools from March to July.
5. A network of teachers in public and private schools have been assisting our program by testing materials, suggesting ideas and developing their own instructional activity.

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6. Five prints of the 90-minute National Geographic film have been given to the PVS and plans are underway to make them available to schools. We are also negotiating with the film producers to make a series of 10-15 minute films using selected film footage that was not used in the 90-minute film. There are about 70 hours of film which is still available.
 7. Field trips to the canoe have been conducted at Koko Marina and Pokai Bay, Waianae. Future field trips and workshops are planned for Haleiwa, North Shore areas, and Kualoa Park.
 8. Research on canoe performance is planned for April and May to test sailing performance under varying conditions, traditional theories on voyaging routes, etc.
 9. Budget Status

Personnel-Consultant contracts	\$2,920
Material development	3,847
Research and development	1,600
Classroom presentations	<u>1,633</u>
	\$10,000

EDUCATIONAL GRANT

The Polynesian Voyaging Society was fortunate to receive a \$10,000.00 educational grant from the Kamehameha Schools/ Bishop Estate on May 26, 1976. The grant contained specifications and other related details which were to be guide lines in developing an educational program. Due to factors which were not anticipated, the Education Committee has not been able to meet all of the specifications of the grant. Our priorities have changed during the past year and we have had to make the necessary adjustments. Factors which have contributed to making changes have included: 1) availability of manpower and human resources devoted solely for education program development; and, 2) logistical and weather constraints, coupled with a reliable core crew, in moving and establishing Hokule'a as a "floating classroom" for all Islands.

With gratitude and appreciation to the sponsors of the educational grant, we can humbly attest that without this grant the success level of the Polynesian Voyaging Society and the Education Committee would not have been possible. The generosity of the grant has enabled us to provide activities and programs and work on projects that have benefitted the educational experiences of school-age children and other community target audiences throughout the State of Hawaii.

Breakdown of the \$10,000 Grant

	<u>Expenses</u>	<u>Income</u>
1. Salaries	\$ 5,878.22	-
2. Supplies	475.79	-
3. Material Development	427.90	-
4. DOE-Artmobile	2,020.60	\$ 2,500.00
5. Research-Development	500.00	-
	(-) \$ 9,302.51	(+) \$ 2,500.00

\$10,000.00 (KS/BE Educational Grant)

- 9,302.51 (Expenses)

\$ 697.49 (Sub Total)

+ 2,500.00 (Income from DOE-Artmobile)

\$ 3,197.49 TOTAL/BALANCE IN EDUCATIONAL FUND

For Nam Bowman

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EXTENSION EDUCATION DIVISION
Kapalama Heights
Honolulu, Hawaii 96817

KAMEHAMEHA SCHOOLS / BERNICE PAUHI BISHOP ESTATE

December 26, 1978

Board of Directors
Polynesian Voyaging Society
P.O.Box 6037
Honolulu, Hawai'i 96818

Dear Sirs:

On November 7, 1978, the voters of Hawai'i voted on their Constitutional Amendments. One of the amendments to the constitution was to promote Hawaiian studies in the public school system.

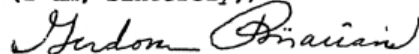
Members of the Constitutional Convention realized that Hawaiian studies, long neglected, needed to be promoted in the schools. Their amendment was proposed and the public voted support of the amendment which will go into effect in 1980.

The Kamehameha Schools offer the standard curriculum of most American Schools but also includes Hawaiian studies because students of Hawaiian ancestry attend the Schools. They have an extension program that services other schools besides Kamehameha throughout the State of Hawai'i. Unfortunately, resource persons from Kamehameha Schools cannot reach all of the students in Hawai'i.

Therefore, we are very happy when institutions are willing to implement Hawaiian Studies into the learning process. We especially endorse, your Polynesian Voyaging Society. Your Society has a marvelous track record when it comes to research work and producing materials about Polynesian voyaging. You have undertaken enormous projects and have done a splendid job. And because of this, Kamehameha Schools have been staunch supporters of your educational programs.

We strongly endorse your ethnic studies proposal.

'Owau me ka 'oiā'i'o,
(I am, sincerely,)



Gordon Pi'ianai'i
Director, Hawaiian Studies Institute
KAMEHAMEHA SCHOOLS

To: Ethnic Heritage Program
Washington, D.C.

FROM: Siegfried Ramler
Punahou School
Director of Curriculum and Instructional Services

Dear Sirs:

The study of Polynesian voyaging and, through this process, the deepened appreciation of Hawai'i's cultural heritage, is an essential part of the Hawaiiana curriculum. Punahou School, in most of its grade levels, but particularly in its elementary program, has been fortunate to benefit from the experience generated through Hokule'a's voyages and from the educational materials developed by the Education Committee of the Polynesian Voyaging Society.

In teaching Social Studies to the young people of Hawai'i it is essential that we start from the Polynesian background. Not only is this for our children the best possible basis for studies of other areas and cultures, but it gives them a sense of identity and belonging which is a prerequisite for responsible citizenship.

For this reason I endorse wholeheartedly the continuing educational efforts of the Polynesian Voyaging Society, its teacher training and inservice functions, and the production of curricular materials.

The proposal developed for Ethnic Studies to further the aims, as outlined, have my wholehearted support.

Siegfried Ramler
Director of Curriculum and Instructional Services

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HONOLULU, HAWAII 96822

January 3, 1979

TO: Ethnic Heritage Program

Dear Sirs:

The study of Polynesian voyaging and, through this process, the deepened appreciation of Hawaii's cultural heritage, is an essential part of the Hawaiian curriculum. Punahou School, in most of its grade levels, but particularly in its elementary program, has been fortunate to benefit from the experience generated through Hokule'a's voyages and from the educational materials developed by the Education Committee of the Polynesian Voyaging Society.

In teaching social studies to the young people of Hawaii it is essential that we start from the Polynesian roots. Not only is this the best possible basis for the study of other areas and cultures, but it gives our young people a sense of identity and belonging--a prerequisite for responsible citizenship.

For this reason I endorse wholeheartedly the continuing educational efforts of the Polynesian Voyaging Society, its teacher training and in-service functions, and the production of curricular materials.

The proposal developed for submission to The Ethnic Heritage Program to further these aims, has my wholehearted support.

Siegfried Ramler
Director of Curriculum and Instructional Services
Punahou School

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Mr. Fred Cachola, Director
Extension Education Division
Kamehameha Schools/Bishop Estate
Honolulu



HOKŪLE'A

31 October 1979

Aloha Fred,

On behalf of all the members of the Education Committee, we would like to thank you for your support of our endeavors. It hardly seems like two years have gone by since the granting of the \$15,000.00 grant but here we are 22 months later.

Much has happened during this period of time with the PVS and the Education Committee has been involved with just about everything. This cannot be avoided as everything the PVS does ties in with education. Though we have had our "ups and downs" we keep on thinking of the many beneficiaries of our efforts.

The educational grant has played a very important part in allowing us to continue our work not only as a committee but also in the area of the Hōkūle'a itself. As you know, funds have not been easy to obtain (grants, donations, etc.) so the educational grant was the primary source of maintaining us. We have stretched the funds out over the past 22 months which indicates that we have also been selective as to its use.

All projects have been coming along well and hopefully we can complete the printing of *Nā Hana Huaka'i* by the end of this year. Kamehameha has played an important part in developing this needed resource book.

For this year we will be concentrating on three major areas:

1. The planned trip to the South Pacific (R & D).
2. Continued and more effort in speaking to classes and other interested groups (Speaker's Bureau).
3. Continued development of instructional materials and workshops.

As part of our obligation, we have provided the Kamehameha Schools with speakers from the Education and Canoe Committees when requested. We have also seen that the Hōkūle'a was made available for visitations by Kamehameha classes. The relationship with teachers and students has been an enjoyable and rewarding one for all and we will continue to maintain this relationship.

Again, we thank you for your support - it is greatly appreciated. We also look forward to your continued service as an advisor to the Education Committee after the December annual meeting when new officers are elected.

Cecilia Lindo
Cecilia Kapua Lindo, Chairperson
Director, Polynesian Voyaging Society

Gordon Keawe-a-Heulani
Gordon Keawe-a-Heulani, Pi'ianai'a, Cochairman
Captain, Hōkūle'a

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HOKULE'A

EDUCATION GRANT

EXCEPT FOR ONE CETA POSTION THAT THE PVS WAS ABLE TO OBTAIN, THE MAJORITY OF THE EDUCATION COMMITTEE HAS BEEN MADE UP OF VOLUNTEERS FROM THE COMMUNITY. THE POSITION (EDUCATIONAL COORDINATOR) ENTAILED TRAINING GUIDE LINES WE HAD TO FOLLOW UNDER THE CETA PROGRAM AND WE WERE NOT ABLE TO FULLY UTILIZE THE POSITION TO OUR ADVANTAGE. WE WELCOMED THE POSITION BUT WE WERE RESPONSIBLE FOR THE SUPPLIES AND EQUIPMENT TO SUPPORT THE POSITION.

THE SWAMPING OF THE CANOE PLACED A BURDEN ON US FOR AWHILE BUT WE ARE NOW USING IT AS A FLOATING CLASSROOM WHEN POSSIBLE. THE RESEARCH RELATED TO LONG VOYAGES HAS BEEN RESUMED. FORTUNATELY FOR ALL OF US, MAU PIALUG HAS RETURNED TO HAWAI'I AND IS WILLING TO SHARE HIS KNOWLEDGE WITH US. THE PRESENCE OF THE WORLD'S FOREMOST NON-INSTRUMENTAL NAVIGATOR HAS GIVEN US ALL A LIFT.

THE DEVELOPMENT AND DISSEMINATION OF EDUCATIONAL MATERIALS AND INFORMATION ON HOKULE'A AND VOYAGING HAS GONE ALONG WELL AND WILL BE A CONTINUED EFFORT BY THE EDUCATION COMMITTEE.

IN LOOKING BACK OVER THE PAST 22 MONTHS, THE WORK ACCOMPLISHED WOULD HAVE BEEN A MOST DIFFICULT TASK WITHOUT THE SUPPORT OF THE KAMEHAMEHA SCHOOLS. ONCE AGAIN, THE GENEROSITY OF THE SCHOOLS HAS ENABLED US TO PROVIDE EDUCATIONAL ACTIVITIES, PROGRAMS, AND WORK ON PROJECTS THAT BENEFIT BOTH YOUNGSTERS AND ADULTS THROUGHOUT THE STATE OF HAWAI'I.

Breakdown of the \$15,000.00 Grant

	<u>Expenses</u>
1. Salaries	\$5,500.00
2. Instructional Mat. Dev.	3,223.75
3. Research and Development	1,899.28
4. Education Office	4,350.99
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	\$14,974.02 (Total Expenditures)
	\$15,000.00
	- 14,974.02
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	\$25.98 (Balance of Grant)



HOKULE'A

THE EDUCATION COMMITTEE OF THE POLYNESIAN VOYAGING SOCIETY WAS FORTUNATE TO RECEIVE A \$15,000.00 EDUCATIONAL GRANT FROM THE KAMEHAMEHA SCHOOLS/ BISHOP ESTATE. THIS GRANT WAS MADE AVAILABLE ON THE 19TH OF DECEMBER 1977 AND CONTAINED SPECIFICATIONS AND RELATED GUIDE LINES TO HELP FURTHER THE GOALS AND OBJECTIVES OF THE EDUCATION COMMITTEE.

COMPRISED OF LEADING EDUCATORS AND RECOGNIZED EXPERTS IN HAWAIIAN CULTURE THE EDUCATION COMMITTEE DIRECTED ITS ENERGIES AS FOLLOWS:

1. Development of instructional materials for classroom utilization.
2. Support of the Hōkūle'a Elua voyage to Tahiti (which ended in the canoe disaster and loss of life).
3. Continued dissemination of information related or pertaining to voyaging.
4. Continued use of the canoe Hōkūle'a as a floating classroom.
5. Continued research into Polynesian voyaging and navigation.

DEVELOPMENT OF INSTRUCTIONAL MATERIALS

The Education Committee tasked itself with a number of projects to further facilitate information on the Hōkūle'a and voyaging. Some of the projects were carry overs; other projects were new.

1. Slides - slides were collected and duplicated and filed. Use of slides have been very popular in speaking engagements.
2. Tapes - tapes have been produced (glossary type) to accompany all the Children's Books on voyaging. Master tapes are kept at the PVS office and duplicated upon request. Tapes were also produced on music and songs of the Hōkūle'a, both Tahitian and Hawaiian. Blanche Pope Elementary, under the direction of Noelani Mahoe, has been working on selected Hōkūle'a songs which will be recorded on tape for instructional use. They are presently working on the last song and will record at the KS television studio.



HOKULE'A

3. Activity Book - Nā Hana Huaka'i is being edited at this time by select individuals. This has been a major task for the Education Committee and hopefully the book will be printed by the first of next year. Kamehameha Schools has requested to not get involved in the publishing and printing of the book and the Education Committee is seeking funds to defray the cost of printing from other sources. The book, though in a draft form, has been tested in the classroom.

RESEARCH AND DEVELOPMENT

The Education Committee supported the efforts of the Hōkūle'a Elua voyage to Tahiti. Objectives of the trip included areas that the committee was most interested in gathering more information on.

1. Navigation - the non-instrumental navigation was to be conducted by a young Hawaiian and documented by a professional instrumental navigator. Research involved learning about the stars and other elements that are evident in navigating a vessel. Weather was another area that would have been documented by the professional navigator as there is a lack of merchant vessels steaming between Hawai'i and Tahiti. Thus, a lack of first-hand weather recordings. Weather is most important to a sailing vessel.
2. Canoe Performance - data on the canoe's performance relative to sailing to windward and gaining easting was to be documented. This information would be compared with past information and data to present a better idea as to the capabilities of the canoe in sailing to windward and against predominant currents. There are still two schools of thought that say man was not able/capable of settling the Pacific by a west to east movement.
3. Oral Tradition - there is a continued effort to seek more information via oral traditions. In Hawai'i there is tremendous lack of such data regarding long voyages when compared to some other island groups in the Pacific. There is interest in trying to determine why Hawai'i is almost nil in this area. There is also interest to use oral tradition where feasible (Kealaikahiki as a departure point when sailing south).



HOKULE'A

SPEAKER'S BUREAU

Though the number of requests has diminished, there was still a fair amount of requests for classroom speakers to lecture on the Hōkūle'a and voyaging. Most services were of the slide/lecture type with a few requesting showing of the Hōkūle'a films. There was also a lack of speakers available to meet the incoming requests and office staff were tasked with going out to service requests. Other requests included mini-workshops on food preparation, canoe building, house building, plants, etc. There was one workshop conducted over a weekend at Mokuleia.

1. Nearly 13,000 people have benefitted by the services of the Speaker's Bureau. 80% of the above figure have been students and teachers from K-12.

FLOATING CLASSROOM

Upon request, the Hōkūle'a has been utilized as a classroom. We have had to be selective of groups, taking into consideration age, numbers, and availability of speakers. There is no liability insurance covering this type of service and the present facilities are not conducive to this type of service on a more permanent basis. Since its disaster (March '78) the canoe has been able to visit only one community - Wai'anae.

This past July the canoe was able to make day sails with the consent of the Coast Guard. During these short sails Kamehameha students and staff were able to participate in the sails.

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KAMEHAMEHA SCHOOLS/PVS RELATIONSHIP

Since the granting of the grant 23 months ago, the Education Committee has serviced the Kamehameha Schools (K-12) upon request. We have participated in classroom lectures and presentations, workshops on canoe building, made available visitations to the canoe, and allowed select groups to participate in day sails (no other schools have been able to sail on the canoe). We have also made available to classroom teachers our films, books, and other instructional materials upon their request. We have enjoyed the relationship with KS, especially the younger elementary students, and look forward to working with them on projects. We have serviced the 8th grade and 3rd grade this school year and have plans to work with high school classes.

DOCUMENTS CAPTIONED AS FOLLOWS:

Tahiti 1980...

Effective
Date of Funding

a. Drydocking	\$ 7,000.00		
Labor	3,600.00		
Materials	<u>4,000.00</u>	\$14,600.00	(Dec. 1, 1979)
b. Safety Equipment		2,000.00	(Sept. 1, 1979)
c. Communication		3,622.00	(Oct. 1, 1979)
d. Escort Vessel		2,000.00	(Feb. 1, 1980)
e. Food		6,000.00	(Jan. 1, 1980)
f. Sails		1,500.00	(Jan. 1, 1980)
			29,722.00

500.00	(Feb. 1, 1980)	500.00
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1,000.00	(Oct. 1, 1979)	1,000.00
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a.	Navigation Research			
	1. RT Airfare	2,000.00		
	(Navigator and Interpreter)			
	2. Stipend Navigator	9,000.00		
	3. Stipend Interpreter	4,500.00		
	4. Per Diem	5,400.00		
	5. RT Airfare	<u>420.00</u>	21,320.00	(Aug. 1, 1979)
	(LIH/MKK/Hawaii 3 pax)			
b.	Equipment			
	1. 2 Nikonis cameras	1,200.00		
	2. Tape recorders	700.00		
	3. Film, tape	<u>300.00</u>	2,200.00	(Oct. 1, 1979)
c.	Contingency Fund			
	1. Salary-Project Coordinator	<u>10,000.00</u>	<u>10,000.00</u>	(Oct. 1, 1979)
				33,520.00

<u>300.00</u>	(Oct. 1, 1979)	300.00
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a.	Planetarium/Bishop Museum	<u>12,600.00</u>	12,600.00	(Aug. 1, 1979)	
b.	Contingency Fund				
1.	Airfare-1 way neighbor islands	1,000.00		(Oct. 1, 1979)	
2.	Fuel	150.00		(Oct. 1, 1979)	
3.	Food	<u>450.00</u>	1,600.00	(Oct. 1, 1979)	
c.	Celestial Study	<u>1,500.00</u>	1,500.00	(Sept. 30, 1979)	15,700.00

Training Total \$80,742.00

PLANNING

Effective
Date of Funding

Education		<u>6,000.00</u>	(May 1, 1980)	6,000.00
Tahiti Liaison				
a. Airfare	7,000.00			
b. Mooring & Repairs	6,000.00			
c. Food	7,500.00			
d. Lodging	500.00			
e. Gifts	<u>500.00</u>	<u>21,500.00</u>	(April 15, 1980)	<u>21,500.00</u>

Planning Total 27,500.00

(Training Total) 80,742.00

GRAND TOTAL \$108,242.00

86,000
58,562
27,438
30,000

AG/ma
revised 9/79

DOCUMENTS CAPTURED AS RECEIVED

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JANUARY 1981

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>DECEMBER</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>	<p>FEBRUARY</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28</p>			1 NEW YEAR'S DAY	2	3
4	5	6 SPEAKERS COLLECTOR (REQUIRERS) CANDOR COMM. REPORTS CONTRACTS ON DISC. LA LOGS	7 BISHOP MUSEUM SHOP (DOUGLAS MUSEUM) ALOHA TOWER PROJECT TONGA TRADING CO. (ALATONIAH)	8 SUN TALK MUSEUM (KAPUA)	9 MUSEUM'S Selling Museum (GARDEN) SUN TALK ON. Museum PROGRAMS	10
1	12 MUSEUM ALOHA TOWER (RICHARD ALAN) SUN TALK (ON. Museum PROGRAMS) WORKSHOP. KAMU School Selling Presentation	13 MUSEUM with GUSCIN BUNTO & MARY DAVIS	14	15	16 MUSEUM, GARDEN MUSEUM	17
8	19 SUN TALK PROGRAMS	20 STUDYING MUSEUM FORMER	21 MUSEUM ALOHA TOWER (GARDEN, JO)	22	23 ALOHA TOWER	24
5	26 KAPALANA BOOK FEB. 2-4:30	27	28 Piper #12 Museum's Home FOR SCH. B.G. PAK	29	30 ALOHA TOWER	31

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JANUARY

DOCUMENTS CAPTURED AS RECEIVED

FEBRUARY 1981

[illegible]

1979

FEBRUARY	FEBRUARY/MARCH OVERALL GENERAL PLANNING COMPLETED CREW SELECTION DESIGN COMPLETED SELECT CREW APPLICANTS (SHORT LIST (32)).
MARCH	
APRIL	APRIL - SEPTEMBER IMPLEMENT PROGRAMS - VESSEL - HEALTH - SAFETY - RESEARCH - CLASS STUDIES
MAY	MAY - SEPTEMBER FIELD STUDIES OCEAN TRAINING
JUNE	
JULY	
AUGUST	
SEPTEMBER	SEPTEMBER - SELECTION OF FINAL CREW AND ALTERNATES
OCTOBER	OCTOBER - JANUARY CREW TRAINING
NOVEMBER	
DECEMBER	

1980

JANUARY	JANUARY - DRY DOCK REPAIR & MAINTAIN- ENCE WORK
FEBRUARY	FEBRUARY FINAL CREW TRAINING FINAL COMBAT TESTING
MARCH	MARCH/APRIL/MAY PROVISIONING DEPARTURE TO TAHITI TRANSIT TO TAHITI
APRIL	
MAY	MAY TAHITI CREW EXCHANGES REPAIR OF CANNON HAWAII DEPARTURE

Gordon Pi'ianā'i'a
Captain, Hōkūle'a 1980
Polynesian Voyaging Society

Director, Hawaiian Studies Institute
The Kamehameha Schools
Kapalama Heights
Honolulu, Hawaii 96817



HOKULE'A

January 29, 1981

TO: Board of Directors,
Polynesian Voyaging Society

FROM: Gordon Pi'ianā'i'a
Education Committee Co-Chair

SUBJECT: Objectives - Long and Short Term.

First of all congratulations to the new Board of Directors and Officers - welcome back to the old. The old also include Kapua Lindo and myself, both whom have sought to get some new blood into the roles of Education Committee Co-Chairpersons without any luck.

Kapua and I have met and laid out some goals for The Education Committee, especially for the 1981-82 year. These are relative to the overall goals of the Polynesian Voyaging Society as stated in the Charter of Incorporation, Polynesian Voyaging Society, granted by the State of Hawai'i, September 13, 1973.

LONG-TERM: Dissemination of knowledge on Polynesian seafarers who settled Hawai'i and other Pacific Islands to further enrich the seafaring traditions and lifestyles of those early people in today's society. To develop pride and an awareness of Hawai'i which relates to other cultural and historical endeavors being undertaken by different organizations and institutions Statewide. The canoe is the embodiment of all things Polynesian.

One particular area of importance to be noted is the use of Hōkūle'a as a 'floating classroom'. This is a valid concept and where possible has been utilized as such. However, most of the educational efforts have been within the traditional classroom setting. In essence, the long and short term objectives are not restricted to either environment and where possible should maximize both. Long-Term objectives include these areas of concentration:

- . Sailing
- . Crafts
- . Canoe design
- . Seamanship
- . Traditions
- . History

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- . Non-Instrument Navigation
- . Hawaiian Knowledge of the Ocean Environment
- . Food
- . Math and Science Concepts
- . Physical Education
- . Fun

Fortunately our endeavours readily can fall within various curriculums being used in our school systems. Primarily, the Education Committee has been involved in the following:

- . Workshops
- . Classroom Visitations
- . Canoe Visitations
- . Other lectures/speaking engagements
- . Selected projects (development of educational/instructional materials
- . Etc.

SHORT-TERM: The Education Committee hopes to accomplish during the 1981-82 year:

EDUCATION COMMITTEE: OBJECTIVES FOR 1981-1982 YEAR.

1. Education Coordinator position (min. 6-months)	\$9,600.00
2. <u>Polynesian Seafaring Heritage books;</u> dissemination and book fairs	200.00
3. Workshops - possibly 2 on O'ahu and 2 on neighbor islands	1,500.00
4. Speaker's Bureau - mileage and other expenses	200.00
5. Development of instructional materials	7,500.00
6. Pictorial book or film strips	6,000.00
7. Chant/song project for oral history	3,000.00
8. Other supplies/services	2,000.00
	<hr/>
	\$30,000.00 Total

We have tried to be realistic in what tasks can possibly be accomplished this year. We also recognize the financial needs and difficulties and are including figures we feel are needed to accomplish our goals for the year.

One important element is the need for a person - in this situation an Educational Coordinator - to help tie together the educational efforts of this committee. For the next 6-months, Jo-Anne Sterling will fill the position of Education Coordinator. This position will be subsidized

by sale of book (Polynesian Seafaring Heritage) primarily. I'm also seeking funds from other sources, but seeking and getting are two different things as we all know. Office space, typewriter, phone, desk, supplies, electricity, and all the coffee she can drink is being made available. (See attached job description.)

Since Jo-Anne has been aboard things have been sailing smoothly and we have been able to get into areas outlined by this committee for the 1981-82 year. How much can be accomplished depends primarily on funds, amount of requests for services, and cooperation by others in developing materials or participating in workshops and speaking engagements. So far things have been working out.

At the end of each month, a status report will be submitted to the Board of Directors showing progress of the Education Committee, including a financial report of any monies received or expended during the month.

RECOMMENDATIONS: I highly recommend that the Polynesian Voyaging Society consider a grant writer to help explore possibilities of obtaining funds to help further the educational efforts of the Society. I feel very strongly about increasing the staff of the Education Committee to include one-full time Education Coordinator and at least two Resource Specialists to carry out the efforts of the Society. Just considering the positions (I realize the financial situation), the Education Committee could work 100% at reaching out and touching the youngsters and adults of our State. In addition, development of materials, both instructional and educational could be more readily developed. Under our present situation we are really handicapped in trying to carry out our objectives on a voluntary type of program.

I would venture to say that at least \$38,000.00 would be needed for salaries on a 12-month work schedule and another \$10,000.00 be allocated for supplies/services (development of materials, workshops, neighbor islands, mileage, projects, etc.). With this type of funding or financial support we can realize our objectives. Presently everything is an effort. I believe this to be paramount for setting and accomplishing long term objectives.

In considering planning for the future, I would highly recommend cooperative ventures with other organizations where possible. However, I would like to point out my feelings in this regard. I feel that the efforts of the Society and the Hōkūle'a belong to all of the children and adults of this State and should not address one particular segment or interest group. Whereas the Sea Trek program works primarily with the public schools system, I feel that the Hōkūle'a should work with all schools - public, private and parochial.

It is too bad that the value of the Hōkūle'a and the efforts of the Society cannot be measured in terms of statistics. Pride, heritage,

ILLEGIBLE

awareness, and even ownership from within are evident, but how does this relate to the types of values education systems look for and perpetuate? There must be a relationship that can be inputed for long term planning.

If there is anything about Ariyoshi and Fasi I will remember, it is the day we arrived and they both agreed and joined in welcoming us home from Tahiti. This is the magic of the Hōkūle'a that we must keep afloat. No political biases, no ethnic barriers, and no geographical boundaries. I heartily agree with Nainoa when he stated that "IT WAS NOT WHAT WE DID THAT REALLY COUNTS, IT IS WHAT WE DO IN SHARING AND DISSEMINATING THAT IS IMPORTANT - TO CARRY ON FROM WHAT WE HAVE EXPERIENCED AND LEARNED."

Enclosure

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The followings are just some ideas thrown together. Nothing formal about them and nothing new. Most are on-going type of activities that have been long-term objectives of the Ed. Committee, but on a voluntary basis the success of carrying them out cannot be a realistic function of the P.V.S. No day-to-day direction to centralize educational activities and no clearing house for the various types of requests received (film, slide shows, speakers, info., etc.)

Projected #'s capable of being served with a staff:
(see enclosed map "Projected Audience Figures by Island")

EDUCATION COMMITTEE

1. SPEAKER'S BUREAU

YR ACT	1	2	3	4	5
	X	X	X	X	X

- a. Through a program of visitations to schools, lectures to adult groups/special interest groups, maintain a continued bureau of speakers to enrich and inform on various elements of a rich seafaring heritage. This would be on a team concept similar to that of KS/BE's Nā Pono Hawai'i Team which does this type of program Statewide.
- b. Where possible, coordinate visitations to the canoe and conduct same. Work on neighbor island Speaker's Bureau and canoe visitation when canoe travels between islands.

2. DEVELOPMENT OF INSTRUCTIONAL/ED. MATERIALS

YR ACT	1	2	3	4	5
	X	X	X	X	X

- a. To facilitate Speaker's Bureau program and to disseminate information.
- b. Workshops.

3. BOOK FAIRS

YR ACT	1	2	3	4	5
	X	X	X	X	X

- a. On-going; attend to promote books.

4. SPEC. PROJECTS

YR ACT	1	2	3	4	5

- a. To be defined: i.e., Picture Book Project as a 1-yr. possibility.

5. LONG TRIPS

YR ACT	1	2	3	4	5

- a. To be defined: support where required.

6. MISC. ACTIVITIES

YR ACT	1	2	3	4	5

- a. To be defined.

JOB DESCRIPTION

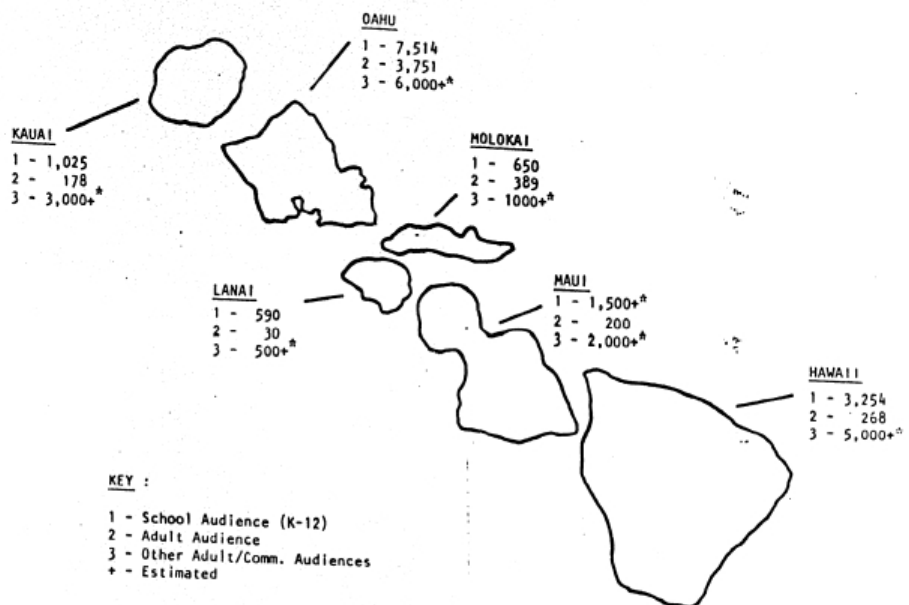
The Education Coordinator is directly responsible to Gordon Pi'ianāi'a of the Hawaiian Studies Institute who is also Co-chair for the Education Committee of the Polynesian Voyaging Society.

This individual will be responsible for maintaining the efforts of the Education Committee and will see that the interest of the people of Hawai'i, especially the youth of our schools, will be kept alive. This will be accomplished by coordinating workshops, conducting visitations, making presentations, arranging for canoe and planetarium trips, and being a resource person in other related subjects or activities that will enhance the overall educational effort of the Society. Knowledge should be displayed in the areas of voyaging, migration, and other related aspects of the Hawaiian lifestyle. Additional knowledge of the Hōkūle'a is important.

In addition to the above, coordination and help would most likely be required in developing materials. At the present time, the Research Committee of the Polynesian Voyaging Society is working on the data that was collected on the 1980 trip. This information will be available to be shared with Hawai'i's people and youngsters when completed (whenever that is).

Office space is being provided by the Hawaiian Studies Institute for this position. No other adequate facilities exist and this is part of my effort to maintain an educational endeavor.

Gordon Pi'ianāi'a



Mr. Michael A. Tongg
Honolulu, Hawaii - 96813

Mr. Jerry Muller
Honolulu, Hawaii 96817

Mr. Anthony Guerrero, Jr.
FIRST HAWAIIAN BANK
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Mr. Steve Somsen
Honolulu, Hawaii - 96734

Mrs. Kealipuaaimoku Froiseth
Honolulu, Hawaii - 96816

Mr. August Yee
Honolulu, Hawaii, 96821

Mr. Homer Hayes
HAYES GUARD SERVICE
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Suite 6A
Honolulu, Hawaii 96816

Dr. Pat Aiu
Lihue, Kauai - 96766

Rev. Ed Kealanahale
Honolulu, Hawaii 96822

Mr. Charles Larson
DIRECTOR
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Dr. Nathan Wong
Honolulu, Hawaii - 96782

Mr. Will Kyselka
Honolulu, Hawaii 96822

Mrs. Cecilia Kapua Lindo
Honolulu, Hawaii - 96813

Dr. Charmin Akina
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Honolulu, Hawaii - 96813

Mr. Leon Sterling
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Honolulu, Hawaii - 96813

Mr. Herb K. Kane
Kailua, Kona, Hawaii 96740

Mr. Myron Thompson
Honolulu, Hawaii 96821

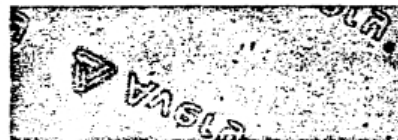
Marion Lyman Mersereau
Honolulu, Hawaii - 96822

John Kruse
Kaloa, Kauai 96756

Mr. Harry Ho
Honolulu, Hawaii 96821

Mr. Francis Lee
Kaneohe, Hawaii - 96744

Enclosure:
Chart
Job description
map



Kainoa
Gordon
Johnne
Neil H. H. - 4 50

THE KAMEHAMEHA SCHOOLS
 PROFESSIONAL PERSONNEL OFFICE
 AUTHORIZATION TO EMPLOY CONSULTANT
 19 DECEMBER 1977

Date

(Insert name of the person or persons to be employed in this space)

It is recommended that the Education Committee of the Polynesian Voyaging Society

(name)

(phone)

Box 6037, Honolulu, Hawaii, 96818 (Bishop Museum Bldg. Grounds) (808) 841-3966

(address)

(XXXXXXXXXX)

(Insert amount of money to be paid)

Phone

be compensated in the amount of \$15,000.00 (see bottom) for services as
 developers/consultants of an educational program which incorporates human and material
 resources that benefits school and other community audiences,

during the period January 1, 1978 to June 30, 1978

(See Attached)

* REASON FOR SERVICE (use reverse side if needed): Continuation of a joint venture between
 the Kamehameha Schools/Bishop Estate and the PVS to utilize the experiences with the Hokule'a
 to transmit a deeper understanding of our Polynesian heritage to Hawaii's youth and adults
 human resources and instructional materials.

QUALIFICATIONS OF CONSULTANT: Curriculum and instruction development of educational
 materials relative to Polynesian voyaging for use by classroom teachers/students and other
 target audiences throughout the State of Hawaii (and elsewhere). Ongoing research into
 cultural/historical areas of Polynesian voyaging and dissemination of findings.

IMMEDIATE SUPERVISOR:

Gordon Pianaia
 Extension Education Division

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00.000.00 - 1

Gordon Pianaia

Person Requesting

Fred Cachola

Supervisor of Program

Noted:

Director of Professional Personnel

AUTHORIZED:

President

Date

The above arrangement would be agreeable to me.

Cecilia Lindo
 Cecilia Lindo, Chairperson Ed. Committee
 Consultant

19 December '77

Date

XXXXXX XXXXXXXX XXXXXXXX

Excise Tax License Number

(Please indicate which)

Method of Payment: Monthly payment charged to accounts (see reverse).

This contractual agreement between the Kamehameha Schools/Bishop Estate and the Polynesian Voyaging Society's Education Committee will give the Kamehameha Schools/Bishop Estate the right to use, publish, reproduce and distribute all appropriate print and non-print material objects developed under this agreement which have not been secured or encumbered by previous contractual agreements. The use of developed materials will be directed towards Extension Division and Campus programs/activities under the Kamehameha Schools/Bishop Estate. This does not hinder any copyrighting of materials by the Polynesian Voyaging Society under this agreement.

EDUCATION COMMITTEE: Cecilia Lindo, Chairperson (VP/teacher Hongwanji Mission School)
Nani Bowman Lyman, Hawaiian Studies Kamehameha Schools
Dr. Barbara Hunt, Education Specialist Bishop Museum
Marian Kelly, Ass't. Anthropologist Bishop Museum
Mahealani Pescaia, Haw'n Studies teacher Puuhala School
Rowena Keaka, DOE Artmobile Specialist
Melissa Kim, Graphic artist Punahou School
Frank Wandell, Advertising agency
Sig Rambler, Director of Curriculum Punahou School
Gordon Piianaia, Kamehameha Schools/Bishop Estate

PAYMENT SCHEDULE:

Jan 2	- \$4,000.00
Feb 1	- 3,000.00
Mar 1	- 2,000.00
Apr 3	- 2,000.00
May 1	- 2,000.00
Jun 1	- 2,000.00
	<hr/>
	\$15,000.00

REPORT BY: Gordon Pi'ianai'a

I. Relationship with Department of Education.

Since the month of October, my work with the PVS has been ~~oriented~~ ^{focused} towards the 4th grade level and high school ~~courses~~ that relate to the study of things Hawaiian or Polynesian. There is a tremendous demand for speakers to share their experiences gained on Hokule'a this past summer and about the canoe and trip in general. Though this type of presentation is more informative in nature, the educational aspects of answering these types of requests are valid as classroom teachers have been following the trials and successes of Hokule'a since it was a dream of Herb Kane. The PVS, it seems, has an obligation to the people of Hawai'i and I feel very strongly that I am fulfilling part of this obligation by working with teachers and students.

Generally, I do not work with intermediate grades for a number of reasons. Also, time permitting, I do work with non-DOE schools as one of the goals of the PVS which has been stated is ".....after returning from Tahiti the canoe will be dedicated to the people of Hawai'i for educational purposes."

Scheduling of schools is either done by myself or via the Speaker's Bureau. Usually those schools or audiences that are scheduled by myself have made direct contact or communication with me. In other cases, requests are passed on to me by the PVS office and these requests are scheduled if possible. I have worked with Dave Lyman mainly with adult audiences and worked solo with teachers and students.

Basically, I limit my talk to life aboard a sailing vessel (in this case the Hokule'a) and prefer to talk about the return trip only. When working with Dave Lyman, he talks about the trip to Tahiti and I talk about the return trip. Both of us stress the educational role being taken by the PVS and the availability of membership in the PVS. We do inform our audiences (or teachers) about the books and guide on Polynesian voyaging. In my work or consulting with teachers I also stress the use of "Resource Units in Hawaiian Culture" by Don Mitchell. Unit 12 covers 'Constructing and Navigating Hawaiian Canoes' and Unit 2 covers 'Origins and Migrations'. This Kamehameha Schools publication can be found in every school library and in just about every classroom that studies Hawaiian culture or other related subject areas. In some high school classes it is also used as a course text.

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The work being done is more of a supplemental nature. I try to enrich and encourage and do not impose any curriculum upon the classroom teacher. When materials or help is requested, I try to assist the teacher. However, I do not replace the teacher but try to influence the use of the canoe as a focal point of studying things Hawaiian. Consultation is geared to whatever content area is being used within the classroom or already existing in the school. As an example, in lecturing before a Health class, the importance of mental, physical, and social health aboard a canoe like Hokule'a are stressed.

During the past 4 months I have had much flexibility in working with the DOE and other target audiences. The work is enjoyable and important to me, but I have the feeling that I am a one-man representative of the PVS. There is no way I can handle the number of requests coming in from the DOE and I am grateful that Dave Lyman has been handling many of these requests thru the Speaker's Bureau. Another problem area has been created in the handling of field trips or excursions to the canoe while out at Koko Marina. There was no problem out at Pokai Bay as Buffalo Keaulana had a crew aboard the canoe all the time and visiting groups could be handled. However, we do not have a permanent crew or person on the canoe out at the Hawai'i Kai area and all field trips have to be arranged either thru me or the PVS office. This is a problem as I cannot afford the time and do not want to become a tour guide.

In going back on earlier correspondence, Herb Kane expressed his views on bringing Hokule'a to the people of Hawai'i as an educational experience. His correspondence (9 Nov 74) stated the desire to take this vessel to all ports throughout the Hawaiian Islands, and make it available to groups and individuals as an educational experience. No doubt some of these desires were accomplished prior to Hokule'a's voyage to Tahiti. To a lesser degree, some of these desires have been accomplished since the return of Hokule'a back to Hawai'i.

Herb also states the desire to have a permanent crew of at least 2 instructors (later he mentions 3 permanent instructors and a permanent Executive Secretary to coordinate the program) who will stay with the vessel. Perhaps these statements and desires expressed 3 years ago may not have been of major concern then, but the validity and worth of them have certainly increased in value with age and should be considered by the PVS. Our objectives and goals are sound but the mechanics and feasibility of attaining these goals are far from being seaworthy.

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Resource Materials, Instructional Aids, Etc.

I have collected and gathered a number materials which were developed during the Kualoa workshop and have found that they are very instructional aids when working with a unit on canoes. In addition, a number of other visual aids have been produced by the Kamehameha Schools AV people and have been classroom tested. Some pertain to the Hokule'a and others pertain to non-instrumental navigation and foods carried on long canoe voyages.

I have developed a slide/tape presentation on the return trip of Hokule'a from Tahiti. It pertains primarily to life aboard the Hokule'a and does not deal with the trip to Tahiti. It runs for 23 minutes and is presently operated by a cassette/slide synchronizer. This can be set up to be operated by a classroom teacher so that the PVS does not have to send speakers out constantly. Dave Lyman is working on his presentation of the trip to Tahiti and Nani Lyman is working on a 15 minute presentation for the PVS.

I have enough slides to put together a short presentation on non-instrumental navigation. Working with Dave Lyman, we hope to include some of the things learned on Hokule'a's trip to Tahiti.

I have put together the log of the Hokule'a on her trip from Tahiti to Hawai'i. Weather information contained within the log has been useful in researching information on canoe performance in regards to sailing into the wind. Students have learned how to convert magnetic courses to true courses and apparent wind direction and speed to true wind direction and true wind speed. Though we can derive how high into the wind Hokule'a was sailing on her trip back to Hawai'i, we must remember that we were not trying to see how high we could sail the canoe into the wind.

I have put together a complete navigational log of Hokule'a on her return trip back to Hawai'i. The possibilities of using this information in a navigational or math class is endless. I should point out that information contained in this log is that actually used by the Hokule'a. Whereas Ben Finney is using information from Leonard Puputauki and the Meo Tai, all course changes or navigational recommendations and positions are contained in this log.

I was able to obtain a copy of "The Coming of the Polynesians" from George Tahara. This 11 minute film is a good introduction to Hokule'a's trip. It has been used in a number of settings and has received good feedback.

Hokule'a itself has been used as an instructional aid for visiting school groups and other non-school groups.

■. Workshops.

I have been asked and have held three workshops for school teachers who deal in some way to the teaching of things Hawaiian. I have utilized what resource materials and aids we have and have pushed the use of "A Resource Curriculum Guide On Polynesian Voyaging". The stressing of the use of the Hokule'a or the Hawaiian canoe as a unit of study has been very positive. We all seem to understand the importance of the canoe in Hawai'i or Polynesia but there is a definite lack of materials or information to help teachers in the classroom. This is one area where the PVS can continue to be helpful to teaches - provide more materials. I don't think we should go too far into the area of developing aids that the classroom teacher can produce independently however.

There was mention of another ^{LARGE} workshop out at Kualoa in 1977 and teachers are anxious awaiting more information on this workshop. Nani Lyman is in charge. No doubt the public would be as interested too.

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D									
Register Check Before Drawing									
DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	CREDIT		BANK ACCOUNT			
				DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT	BALANCE
		AMOUNTS FORWARD →				Set up Account		500	500
6 30	Lynn Peters (Net Salary)	Gross \$33.55 FIP 25% 7% (17.50) 511-11.4	101		277.03	✓	6-28	10000.00	9727.97
	Check printing charge		02		8.85	✓			9719.12
7 29	Lynn Peters (1/2 salary)	same as above	102		277.03	✓			9442.09
8 4	Ed Kealanahale	reimbursement for travel	103		275.00	✓			
8 27	Lynn Peters	same as above	104		277.03	✓			8940.06
10 8	John Kruse	Salary Contract Oct 1-7 \$100.00	105		800.00	✓			8140.06
10 15	John Kruse	Salary Oct 8-14	106		100.00	✓			8040.06
10 22	JOHN KRUSE	✓ 10/15-10/21	107		100.00	✓			7940.06
10 28	John Kruse	REIMB- CRANE TRK	108		15.60	✓			7924.46
10 26	John Kruse	Salary 10/22-10/25	109		100.00	✓	10/29/76	6000	8584.46
11 08	John Kruse	Salary 10/26/11	110		100.00	✓			8484.46
11 08	John Kruse	Salary 11/5-11/11	111		100.00	✓			8384.46
11 09	Eleanor Kinkpatrick	Reimbursement Office	112		24.43	✓			8360.03
11 17	John Kruse Salary	Salary 11/12-11/18	113		100.00	✓			8260.03
11 18	Eleanor Kinkpatrick	Reimbursement	114		30.00	✓			8230.03
11 18	Eleanor Kinkpatrick	Attly Code KS-BE	115		100.00	✓			8130.03
11 19	Gordon Pianaia	Reimbursement	116		50.00	✓			8080.03
11 22	John Kruse (Salary)	Salary - advance 11-11-11	117		100.00	✓			7980.03
11 24	Anderson Camera House	Slide projector lamp	118		15.91	✓			7964.12
12 2	John Kruse	Contract Salary 11-26-12-2	119		100.00	✓			7864.12
12 6	Honolulu District Bk. Exhibit	Rent of table	120		100.00	✓			
12 6	John Kruse	Advance contract Salary 12/3-12/6	121		100.00	✓			7764.12
12 10	John Kruse	contract Salary 12/6-12/10	122		100.00	✓			7664.12
12 20	John Kruse	contract Salary 12/10-12/20	123		100.00	✓			7564.12
	END 1976		25						
		AMOUNTS FORWARD							

[illegible]

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D					CREDIT		BANK ACCOUNT	
Register Check Before Drawing								
DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT
1977		AMOUNTS FORWARD →						756.712
1-5-77	John Kruse	contract salary 3/4 - 1/2	124		100	✓		296.212
1-5-77	John Kruse	contract salary 3/4 - 1/2	125		100	✓		756.712
1-15-77	John Kruse	contract salary 1/2 - 1/4	126		100	✓		
1-18-77	John Kruse	contract salary 1/4 - 1/2	127		100	✓		
1-28-77	John Kruse	contract salary 1/2 - 1/4	128		100	✓		
1-28-77	John Kruse	contract salary 1/4 - 1/2	129		100	✓		✓ 696.412
2-10-77	John Kruse	Salary 3/4 - 1/2	130		100	✓		686.412
2-17-77	John Kruse	contract salary 1/2 - 1/4	131		100	✓		676.412
2-24-77	Gordon Pisanais	April bail	132		150	✓		661.412
2-25-77	John Kruse	contract salary 3/4 - 1/2	133		100	✓		651.412
2-25-77	Mikilani Ching	Contract - Automobile	134		124	✓		✓ 639.012
2-23-77	John Kruse	Contract Salary 7/25 - 3/4	135		100	✓		629.012
2-3-77	Mikilani Ching	Materials Automobile	136		250	✓		604.012
2-9-77	Mikilani Ching	Materials Automobile	137		195	✓		584.512
2-14-77	Mikilani Ching	Materials Automobile	139		195	✓		564.012
2-12-77	John Kruse	Contract Salary 3/4 - 1/2	138		95	✓		559.512
2-24-77	Darryl Harvey	Materials	140	(100.00)	103	✓	3/19	600.00
2-24-77	John Kruse	Contract	141		100	✓		609.512
2-24-77	United State Postal Service	Bulk mailing	142		6	✓		
2-24-77	John Kruse	contract	143		100	✓		
2-24-77	Gordon Pisanais	Kealahikahi trip	144		200	✓		
2-24-77	Gordon Pisanais	Kealahikahi trip	145		150	✓		
2-30-77	Brian O'Beiran	Automobile	146		52	✓		
2-30-77	Brian O'Beiran	Automobile	147		83	✓		
2-31-77	Maka'ala Yates	Automobile work	148		200	✓		
		AMOUNTS FORWARD						

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D					CREDIT		BANK ACCOUNT	
Register Check Before Drawing								
DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT
1977		AMOUNTS FORWARD →						756.712
1-5-77	John Kruse	contract salary 3/4 - 1/2	124		100	✓		296.212
1-5-77	John Kruse	contract salary 3/4 - 1/2	125		100	✓		756.712
1-15-77	John Kruse	contract salary 1/2 - 1/4	126		100	✓		
1-18-77	John Kruse	contract salary 1/4 - 1/2	127		100	✓		
1-28-77	John Kruse	contract salary 1/2 - 1/4	128		100	✓		
1-28-77	John Kruse	contract salary 1/4 - 1/2	129		100	✓		✓ 696.412
2-10-77	John Kruse	Salary 3/4 - 1/2	130		100	✓		686.412
2-17-77	John Kruse	contract salary 1/2 - 1/4	131		100	✓		676.412
2-24-77	Gordon Pisanais	April bail	132		150	✓		661.412
2-25-77	John Kruse	contract salary 3/4 - 1/2	133		100	✓		651.412
2-25-77	Mikilani Ching	Contract - Automobile	134		124	✓		✓ 639.012
2-23-77	John Kruse	Contract Salary 7/25 - 3/4	135		100	✓		629.012
2-27-77	Mikilani Ching	Materials Automobile	136		250	✓		604.012
2-29-77	Mikilani Ching	Materials Automobile	137		195	✓		584.512
3-14-77	Mikilani Ching	Materials Automobile	139		195	✓		564.912
3-12-77	John Kruse	Contract Salary 3/4 - 1/2	138		95	✓		559.512
3-24-77	Darryl Harvey	Materials	140	(100.00)	103	✓	3/19	600.00
3-24-77	John Kruse	Contract	141		100	✓		609.512
3-24-77	United States Postal Service	Bulk mailing	142		6	✓		
3-24-77	John Kruse	contract	143		100	✓		
3-24-77	Gordon Pisanais	Kealahikahi trip	144		200	✓		
3-24-77	Gordon Pisanais	Kealahikahi trip	145		150	✓		
3-30-77	Brian O'Beirne	Automobile	146		52	✓		
3-30-77	Brian O'Beirne	Automobile	147		83	✓		
3-31-77	Maka'ala Yates	Automobile work	148		200	✓		
		AMOUNTS FORWARD						

MISCELLANEOUS

ITEM

AMOUNT

7000⁰⁰ Automobile

30th donation Rember

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D

Register Check Before Drawing

DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	CREDIT			BANK ACCOUNT		
				DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT	BALANCE
		AMOUNTS FORWARD →							
3-31-77	John Kruse	Contract salary 3/5-3/31 87	52	✓	100	✓			✓ 4899.73
4-11-77	John Kruse	Contract salary 4/1-4/10 88	53	✓	100	✓			
4-14-77	Nancy A. Mower	reimburse-travel 151.34	54	✓	277.90	✓			
4-14-77	John Kruse	contract salary 4/1-4/10 152.55	55	✓	156	✓			
4-14-77	Maka'ala Yates	contract salary 4/1-4/10 153	56	✓	256	✓			
4-18-77	Kooliana Products Service	Automobile repair 154.57	57	✓	61.38	✓			
4-21-77	Mikilani Ching	Automobile supplies 155.58	58	✓	865.45	✓			
4-26-77	Maka'ala Yates	Remains of \$2.00- 156.59	59		✓ 65.72	X			
4-28-77	C.S. Lim (Rent for Maka'ala)	157.60	60		✓ 66.00	X			
4-28-77	Dr. William Myers (Rent for John)	158.61	61		✓ 66.00	X			
4-28-77	John Kruse	Contract salary 4/1-4/30 159.62	62		✓ 66.00	X			
4-28-77	John Kruse	Contract salary 4/1-4/30 160.63	63	✓	200	✓			
4-29-77	Maka'ala Yates	Contract salary 4/1-4/30 161.64	64	✓	200	✓			✓ 1788.3
5-6-77	Kamehameha Schools/Bishop Estate	Dining hall rent 162.65	65	✓	9.74	✓			
5-6-77	Waialeale Poi Factory	Automobile exhibit 163.66	66	✓	130.64	✓			
5-6-77	Nancy Mower	Script for slide-tape 164.67	67	✓	100.00	✓			
5-10-77	John Kruse	contract salary 5/1-5/16 165.68	68	✓	200	✓			
5-10-77	Maka'ala Yates	contract salary 5/1-5/16 166.69	69	✓	200	✓			
5-26-77	John Kruse	contract salary 5/1-5/16 167.70	70	✓	200	✓			
5-26-77	Maka'ala Yates	contract salary 5/1-5/16 168.71	71	✓	240.13	✓			✓ 1812.49
6-13-77	Maka'ala Yates	contract salary 6/1-6/10 169.72	72				6/4	2030.00	3792.49
6-16-77	John Kruse	contract salary 6/1-6/10 170.73	73	✓	200.00	✓			
6-22-77	Agnetta Ching	tape glossary 171.75	75	✓	50	✓			
		AMOUNTS FORWARD							

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D Register Check Before Drawing						CREDIT			BANK ACCOUNT		
DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT	BALANCE		
AMOUNTS FORWARD →											
6-22	Alas Electric Co.	generator rental	172 76	178	95 20	✓					
6-22	John Kruse	contract salary 6-10	173 42			✓					
6-22	Goichi Sato	automobile work	174 78	178	72 - 2	✓					
6-22	John Kruse	contract salary 6-10	175 79	612	100 - 2	✓					
6-29	John Kruse	contract salary 6-10	176 80	612	100 - 2	✓			✓ 5037.49		
7-11	Kamekameha School	CB Brochure	177 82	✓	91 15	✓					
7-11	John Kruse	contract salary 6-24	178 83	612	300 00	✓					
7-11	Stop Payment auto, debit by bank		84	84	100	✗					
7-13	John Kruse	reimbursement 5/16-5/27	179 85	612	200 00	✓					
7-22	John Kruse	contract salary 7-6	180 86	612	200 00	✓					
7-25	Leon Sterling	contract salary 7-6-7/5	181 87	612	100 00	✓					
8-1	Leon Sterling	Retraction pay 7/3-7/5	182 89	612	500 00	✓					
8-1	Leon Sterling	contract salary 7/6-7/1	183 90	612	200 -	✓			✓ 1395.12		
8-26	John Kruse	contract salary 7/6-7/1	184 91	612	200 -	✓					
8-26	Leon Sterling	contract salary 7/6-7/1	185 92	612	200 -	✓					
9-1	John Kruse	Retraction pay 8/26	186 93	✓	400 00	✓					
9-1	John Kruse	Retraction pay 8/26	187 94	✓	400 00	✓					
9-1	John Kruse	contract salary	188 95	612	200 00	✓					
9-1	Leon Sterling	contract salary	189 96	612	200 00	✓			✓ 595.14		
9-26	J. Mihalini Ching	Automobile	190 97	172	495 00	✓			✓ 1001.4		
11/21	Check & r meter cleared		98		600				✓ 1061.4		
END 1977											
AMOUNTS FORWARD											

EKONOMIK CHECK AND DEPOSIT REGISTER - Form D-D Register Check Before Drawing						CREDIT		BANK ACCOUNT	
DATE	IN FAVOR OF	IN PAYMENT OF	CHECK NO.	DISCOUNT	AMOUNT OF CHECK	PAID	DATE OF DEPOSIT	AMOUNT OF DEPOSIT	BALANCE
1/1/78									10614
AMOUNTS FORWARD →									
			01						
2/16/78	PVS - children's Book Project Acct.		19/02		10614				
	# 01 - 062883		03						
			04						
			05						
	To close - out this account								
			07						
			08						
			09						
			10						
			11						
			12						
			13						
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			16						
			17						
			18						
			19						
			20						
			21						
			22						
			23						
			24						
			25						
AMOUNTS FORWARD									

Closed - out 2/16/78

Kalipucan Naku Frouth