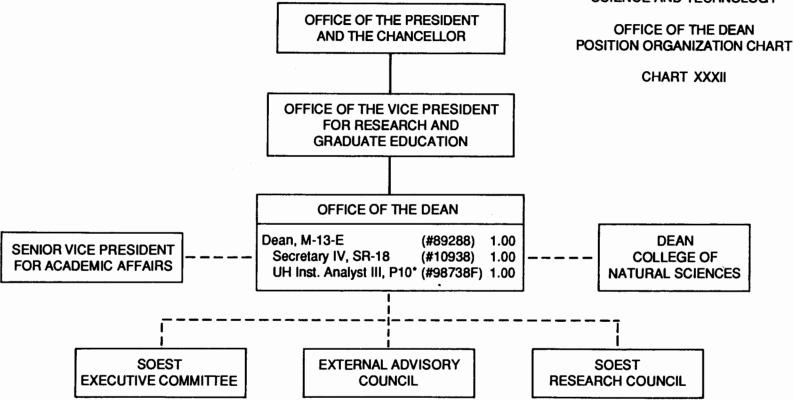


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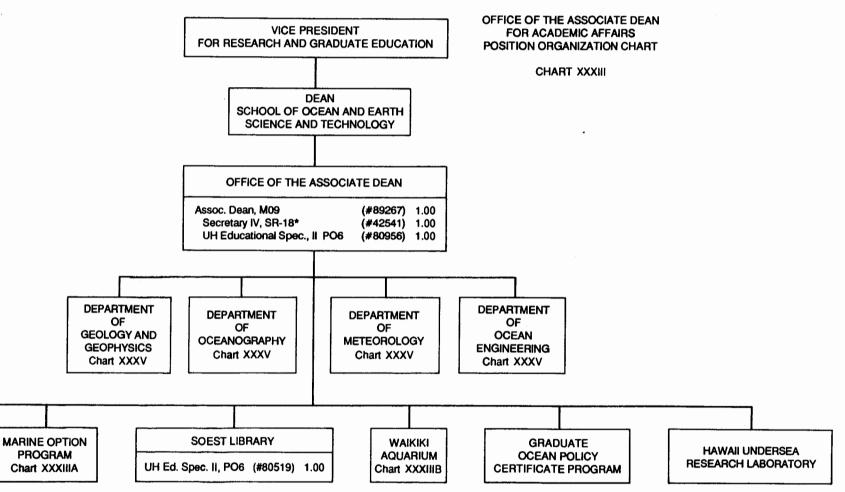


^{*} To be established/reclassified to the position of Assistant to the Dean

JOINT INSTITUTE FOR

MARINE AND ATMOSPHERIC

RESEARCH



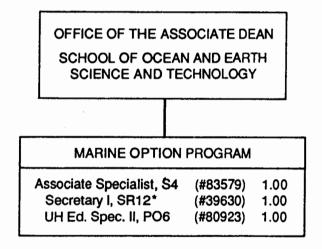
^{*} To be reclassified to Secretary III, SR-16

DATE _____ JUN 3 0 1991

STATE OF HAWAII
UNIVERSITY OF HAWAII
UNIVERSITY OF HAWAII AT MANOA
SCHOOL OF OCEAN AND EARTH
SCIENCE AND TECHNOLOGY

MARINE OPTION PROGRAM
POSITION ORGANIZATION CHART

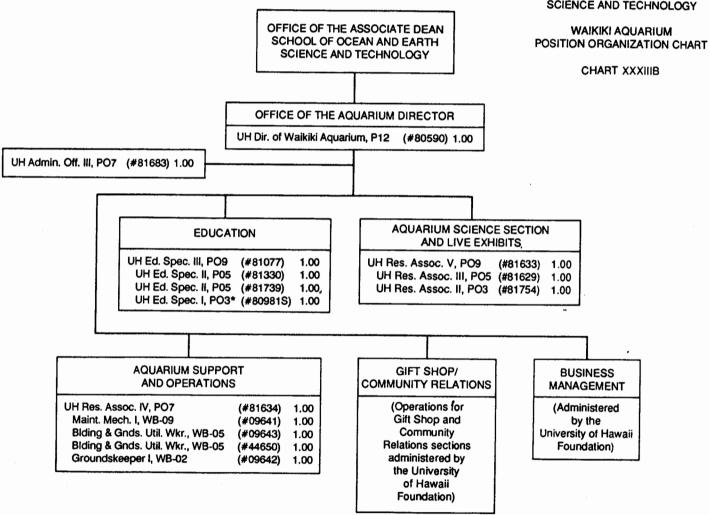
CHART XXXIIIA



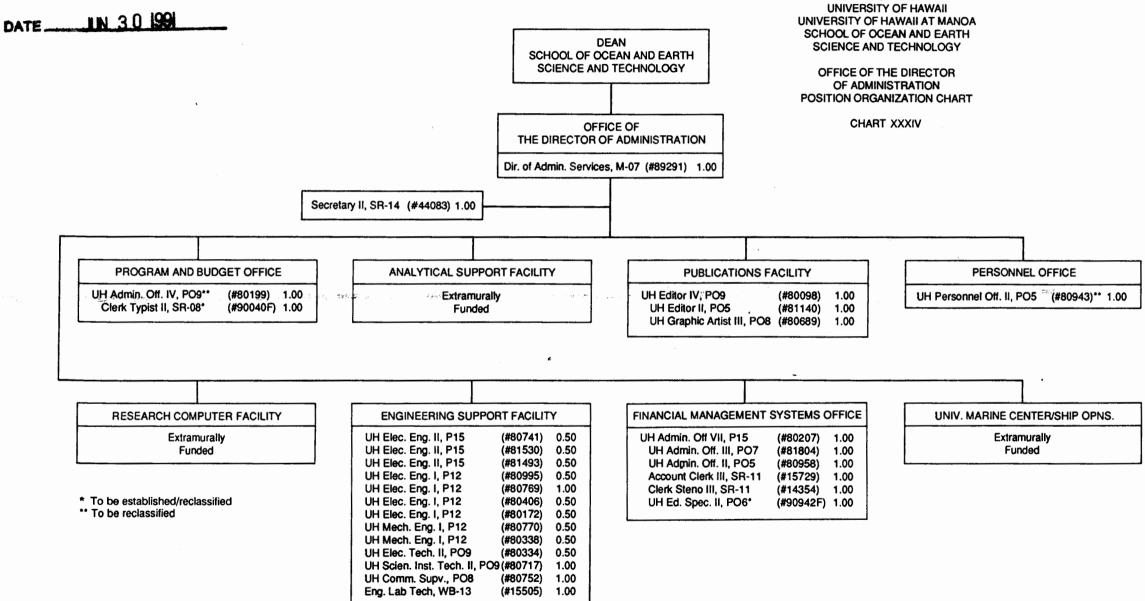
* To be reclassified

DATE ____ IN 30 1991

STATE OF HAWAII
UNIVERSITY OF HAWAII
UNIVERSITY OF HAWAII AT MANOA
SCHOOL OF OCEAN AND EARTH
SCIENCE AND TECHNOLOGY



Temporary



STATE OF HAWAII

DATE ____IN 30 1991

STATE OF HAWAII UNIVERSITY OF HAWAII UNIVERSITY OF HAWAII AT MANOA SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

DEPARTMENTS POSITION ORGANIZATION CHART

CHART XXXV

2.00

18.00

OFFICE OF THE ASSOCIATE DEAN

DEAN SCHOOL OF OCEAN AND EARTH

SCIENCE AND TECHNOLOGY

DEPARTMENT OF **GEOLOGY AND GEOPHYSICS**

Chair *

Secretary II, SR-14** (#36725) 1.00 Faculty Positions (Joint Appt.) 15.25 (#82011, 82166, 82622, 82717, 82729, 82829, 83213, 83491, 83643, 83875, 83912, 84009, 84046, 84795, 85153, 85338, 85535, 85865, 85967, 86351, 86576, 86609, 88168, 88172, 88174, 86012) **Graduate Assistants** 2.00 (#88075, 88137, 88443, 88594)

18.25

DEPARTMENT OF METEOROLOGY

Chair *

Secretary II, SR-14 (#14351) 1.00 UH Sci. Inst. Tech. II, P-09 (#80708) 1.00 Faculty Positions (Full Time) 8.00 (#82008, 82368, 82491, 82709, 83700, 84107, 84300, 82077) **Graduate Assistants** 1.00 (#85028, 88339) 11.00

DEPARTMENT OF **OCEANOGRAPHY**

Chair *

(#13891) 1.00 Secretary II, SR-14 Faculty Positions (Joint Appt.) 15.00 (#82059, 82259, 82291, 82403, 82726, 82807, 82961, 83295, 83355, 83482, 83499, 84260, 84601, 84673, 84799, 84826, 85314, 86000, 88154, 88156, 88163, 88167) **Graduate Assistants** (#84941, 88119, 88160, 88569)

DEPARTMENT OF **OCEAN ENGINEERING**

Chair * Secretary II, SR-14 (#18083) 1.00 UH Sci. Inst. Tech. II, P-09 (#80720) 1.00 UH Elec. Tech. II, P-09 (#80716) 0.50 **Faculty Positions** 6.50 Full Time: (#82130, 82736, 83802, 84118 88447) Part Time: (#84222, 83376, 83883)

Graduate Assistants (#88382)

9.50

0.50

* Appointed from faculty positions

** To be redescribed (transfered from HIG)

DATE ____ IN 3 0 1991

DEAN SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY STATE OF HAWAII
UNIVERSITY OF HAWAII
UNIVERSITY OF HAWAII AT MANOA
SCHOOL OF OCEAN AND EARTH
SCIENCE AND TECHNOLOGY

RESEARCH DIVISIONS
POSITION ORGANIZATION CHART

CHART XXXVI

METEOROLO PHYSICAL OCEAN		
Chair *		
Secretary II, SR-14	(#22077)	1.00
Professor, 15	(#83482)	0.05
Professor, 15	(#84601)	0.05
Spec. in Geophys., S5	(#84451)	1.00
Res. and Prof. in Ocean.	, R5	
	(#85442)	1.00
Assoc. Professor, 14	(#82807)	0.50
Assoc. Professor, 14-R	(#84260)	0.25
Assoc. Professor, 14-R	(#82726)	0.50
Assoc. Researcher, R4	(#85920)	0.50
Asst. Professor, I3-R	(#84826)	0.50
	,	

VOLCANOLOGY-PETROLOGY		
MINERAL PHYSICS		
Chair *		
Secretary II, SR-14	(#14352)	1.00
Macdonald Prof. of Volcanology, I5-R		
	(#85535)	0.50
Geophysicist, R5	(#86137)	0.50
Assoc. Professor, I4	(#83875)	0.25
Assoc. Professor, I4-R	(#82729)	0.50
Assoc. Professor, I4-R	(#84795)	0.50
Asst. Professor, I3-R	(#85153)	0.75
Asst. Geochemist, R3	(#86154)	0.50
Assoc. Geochemist, R4	(#88484)	0.50
Assoc. Geophysicist, R4	(#82103)	0.25
Geophysicist, R5	(#83491)	0.75
Geophysicist, R5	(#85004)	0.50
Researcher, R5	(#85997)	1.00
UH Mech. Eng. I, P12	(#80782)	1.00,
Clerk-Steno. III, SR-11	(#14216)	1.00

MARINE GEOPHYSICS- SEISMOLOGY		
Chair * Secretary II, SR-14 Professor, I5-R Geophysicist, R5 Geophysicist, R5	(#14350) (#83643) (#83031) (#84046)	1.00 0.50 1.00 0.90
Geophysicist, R5 Assoc. Professor, I4-R Assoc. Professor, I4-R Assoc. Researcher, R4 Professor, I5 Geophysicist, R5	(#86351) (#85338) (#86576) (#87682) (#82011) (#82166)	0.50 0.50 0.50 1.00 0.75 0.50
Professor, I5 Assoc. Professor, I4-R Assoc. Researcher, R4 Asst. Geophysicist, R3 UH Ed. Spec. II, P06 UH Res. Assoc. IV, P07	(#83883) (#85865) (#85993) (#86195) (#80803) (#80562)	0.50 0.50 0.50 0.50 0.75 0.50

MARINE GEOLOGY- GEOCHEMISTRY		
Chair *		
Secretary II, SR-14	(#36897)	1.00
Professor, 15-R	(#82622)	0.50
Professor, I5-R	(#83353)	0.40
Researcher, R5	(#84009)	0.50
Professor, I5	(#82059)	0.50
Professor, I5-R	(#82259)	0.50
Professor, I5-R	(#83295)	0.50
Professor, I5-R	(#84799)	0.50
Assoc. Researcher, R4	(#85992)	1.00
Asst. Professor, I3-R	(#83499)	0.25
Asst. Geophysicist, R3	(#86499)	0.50
Asst. Geochemist, R3	(#86229)	0.50
Specialist, S5	(#88178)	0.75
Assoc. Spec, S4	(#88488)	0.75
Jr. Specialist, S2	(#88194)	0.75
UH Res. Assoc. IV, P07	(#80804)	1.00

	MARINE BIOLOGY AND COASTAL ECOSYSTEMS
Chair *	
	Affiliate members
	from Hawaii Institute
	of Marine Biology

BIOLOGICAL OCEANOGRAPHY		
Chair * Secretary II, SR-14 Professor, I5 Assoc. Professor, I4 Asst. Professor, I3 Assoc. Researcher, R4	(#36896) (#84673) (#85314) (#82291) (#85926)	1.00 0.15 0.20 0.15 0.50

GEOSCIENCES Chair * (#11980) 1.00 Secretary II, SR-14 Planetary Scientist, R5 (#86038) 0.50 Planetary Scientist, R5 (#86407) 0.50 (#85999) Researcher, R5 1.00 (#86021) 1.00 Researcher, R5 Assoc. Researcher, R4 (#85998) 1.00 Assoc. Researcher, R4 (#86011) 1.00

* PLANETARY

ENERGY RESOURCES AND OCEAN ENGINEERING

Chair *

Affiliate members from Hawaii Natural Energy Institute

Appointed from faculty positions

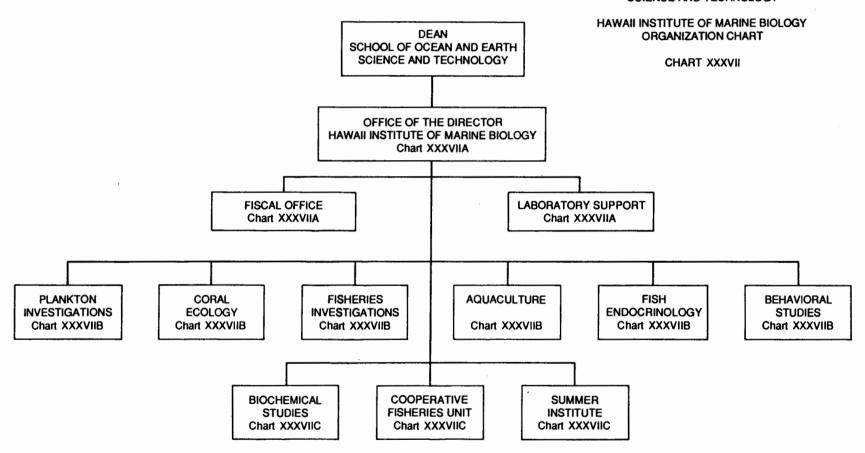
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06/30/91

School of Ocean & Earth Science & Technology

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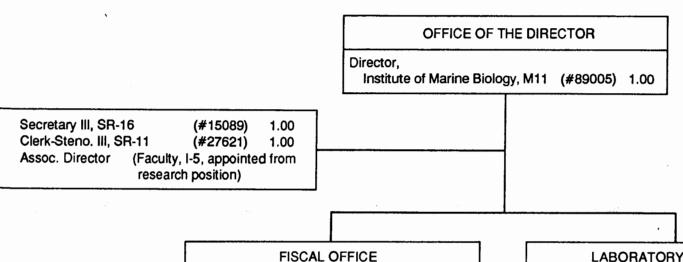


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STATE OF HAWAII UNIVERSITY OF HAWAII UNIVERSITY OF HAWAII AT MANOA SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

HAWAII INSTITUTE OF MARINE BIOLOGY **POSITION ORGANIZATION CHART**

CHART XXXVIIA



UH Admin. Off. IV, P09 (#81865) 1.00 Account Clerk III, SR-11 (#17322) 1.00

LABORATORY SUPPORT

UH Marine Lab. Super., P06 (#81826) 1.00 Maint. Mechanic II, WF9 (#17458) 1.00 Maint. Mechanic I, WB9 (#08039) 1.00 Maint. Mechanic I, WB9 (#26649) 1.00 Bldng. Maint. Worker I, WB9 (#13805) 1.00 Research Vessel Op., WB9 (#15462) 1.00 Motorbt Op.-Util. Wrkr, WB6 (#15743) 1.00 Janitor II, WB2 (#14341) 1.00

DATE ____ IN 3 0 199

STATE OF HAWAII
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SCIENCE AND TECHNOLOGY

HAWAII INSTITUTE OF MARINE BIOLOGY POSITION ORGANIZATION CHART

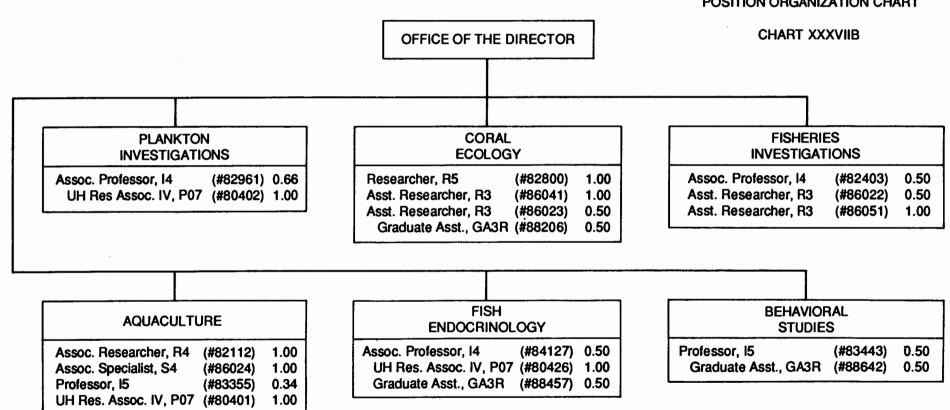
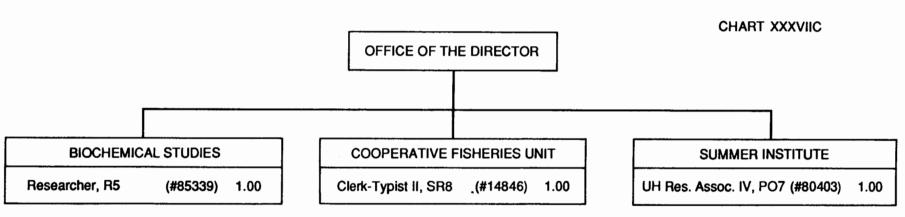


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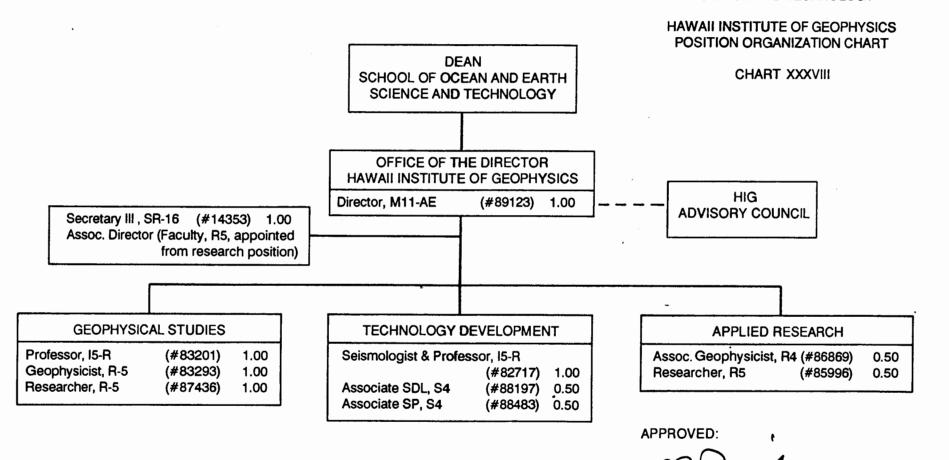
STATE OF HAWAII
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SCIENCE AND TECHNOLOGY

HAWAII INSTITUTE OF MARINE BIOLOGY POSITION ORGANIZATION CHART



DATE ____IN 30 199

STATE OF HAWAII
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SCIENCE AND TECHNOLOGY

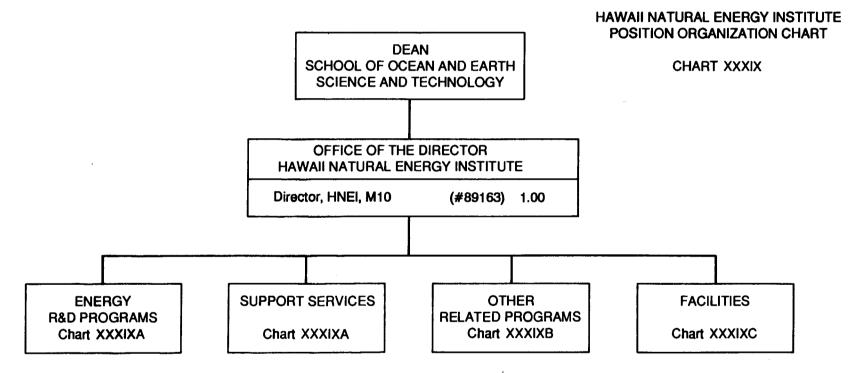


C. Barry Raleigh (b) ean

School of Ocean & Earth Science & Technology

06/30/91

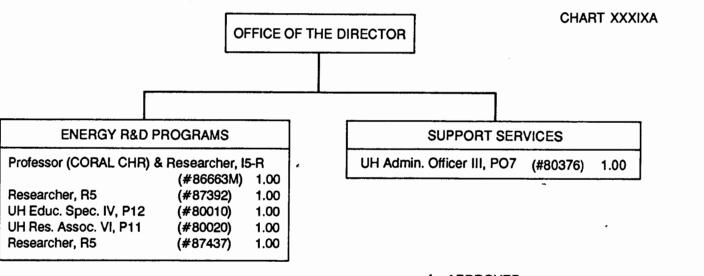
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DATE _____ IN 3 0 1991

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SCIENCE AND TECHNOLOGY

HAWAII NATURAL ENERGY INSTITUTE POSITION ORGANIZATION CHART



APPROVED:

C. Barry Raleigh, Dean

School of Ocean & Earth Science & Technology

06/30/91

DATE ____ IN 3 0 1991

STATE OF HAWAII UNIVERSITY OF HAWAII UNIVERSITY OF HAWAII AT MANOA SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

HAWAII NATURAL ENERGY INSTITUTE

CHART XXXIXB

OFFICE OF THE DIRECTOR

OTHER RELATED PROGRAMS

Coral Industries Chair
Fellows in Renewable Energy Engineering
(FREE) Program
Tri-State Consortium
Pacific International Center for High Technology
Research (PICHTR), Energy and Resources
Division
Center for Ocean Resources Technology

(CORT) Project
Materials and Applied Sciences (MAS) Program
Marine Minerals Technology Center (MMTC)
Greenhouse Effect Reduction Group

[to be administered by Director]

DATE ___ JUN 3 0 1991

STATE OF HAWAII UNIVERSITY OF HAWAII UNIVERSITY OF HAWAII AT MANOA SCHOOL OF OCEAN AND EARTH SCIENCE AND TECHNOLOGY

HAWAII NATURAL ENERGY INSTITUTE

CHART XXXIXC

FACILITIES Renewable Resources Research Laboratory (a) Solar Research Center (a) Puna Research Center (b) Supervisor/Technician - Extramural Maui Renewable Resources Research Facility (b) Supervisor/Technician - Extramural Wind Energy Storage Test Facility (c) Supervisor/Technician - Extramural Thin Films Laboratory (c) MMTC (c)

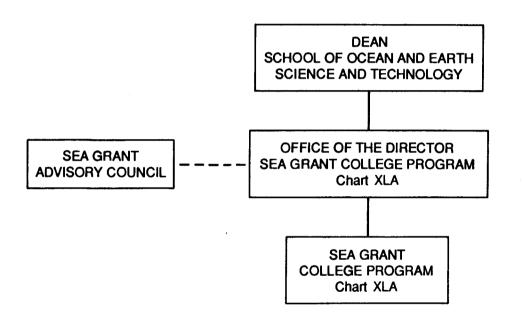
- (a) administered by Coral Chair
- (b) research supervisory role
- (c) administration and research supervisory role

CHART UPDATED DATE _____IN 30 1991

STATE OF HAWAII
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UNIVERSITY OF HAWAII AT MANOA
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SCIENCE AND TECHNOLOGY

SEA GRANT COLLEGE PROGRAM ORGANIZATION CHART

CHART XL



DATE ____ 1N 3 0 1991

