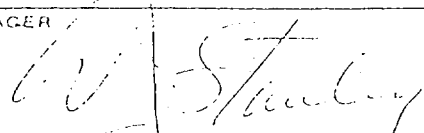
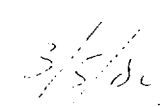


FIELD TASK PROPOSAL/AGREEMENT

1. PDN NUMBER	2. TASK NO.	3. REV. NO.	4. PROJECT NO.	5. DATE PREPARED (mm dd yy) 3/3/80	6. CONTRACTOR NUMBER DE-AC08-76NV00020/000106E
7. TASK TITLE Research Vessel Operation			8. WORK PACKAGE TITLE Human Health Effects		
9. BUDGET AND REPORTING CODE HA 02-01-01(b)	10. TASK TERM Begin: (mm dd yy) Continuing End: (mm dd yy)		11. CONTRACTOR NAME Holmes & Narver, Inc., PTD		12. CODE (see instructions)
13. CONTRACTOR TASK MANAGER (Name, FTS No.) W. J. Stanley, Director, USDOE/PASO FTS No.: 556-0220 Ask for (808) 422-9211			14. PRINCIPAL INVESTIGATORS N/A		
15. WORK LOCATION (See instructions): Name of facility, City, State, ZIP Code Marshall Islands - TTPI					16. Does this task include any management services efforts? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
17. TASK DESCRIPTION (Approach, relation to work package, in 200 words or less)					

See attached sheets

BEST COPY AVAILABLE

18. CONTRACTOR TASK MANAGER		
	(Signature)	(Date)

19. DETAIL ATTACHMENTS: (See instructions)
- | | | | |
|---------------------------------------------------|------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------|
| <input type="checkbox"/> a. Facility Requirements | <input type="checkbox"/> d. Background | <input type="checkbox"/> g. Future accomplishments | <input type="checkbox"/> j. Explanation of milestones |
| <input type="checkbox"/> b. Publications | <input type="checkbox"/> e. Approach | <input type="checkbox"/> h. Relationships to other projects | <input type="checkbox"/> k. Other (specify): |
| <input type="checkbox"/> c. Purpose | <input type="checkbox"/> f. Technical progress | <input type="checkbox"/> i. Environmental assessment | |

5010723

FY 1982 BUDGET
U. S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver Inc.
Pacific Test Division
Contractor

FIELD TASK PROPOSAL/AGREEMENT
PROGRAM HA
(M Dollars)

Date: March 3, 1980
Program HA

5010724

HA-02-01-01 Human Health Effects from Energy Generation

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
b. Research Vessel Operation	\$ 650.0	\$ 700.0	\$ 770.0

DOE, through Holmes & Narver, Inc., charters a 118-foot motor research vessel named the R. V. Liktanur II and home-ported at Kwajalein Atoll.

The ship is essential to the DOE Bio-Med Environmental R&D programs, inasmuch as it constitutes the only reliable source of transportation available to the medical and scientific laboratories which conduct the programs on various Pacific Atolls.

Major segments of the budget estimates are tabulated below:

	<u>FY 1980</u>	<u>FY 1981</u>	<u>FY 1982</u>
Ship Rental Costs	\$ 550.0	\$ 590.0	\$ 650.0
POL	15.0	16.0	18.0
S&Q & Misc. Operating	32.0	35.0	38.0
Ship Modifications	5.0	5.0	8.0
DOE Equipment Maintenance	38.0	42.0	46.0
Misc. Non-Operating Costs	27.0	30.0	33.0
Revenue	<u>(17.0)</u>	<u>(18.0)</u>	<u>(23.0)</u>
	<u>\$ 650.0</u>	<u>\$ 700.0</u>	<u>\$ 770.0</u>

FY 1982 BUDGET
U. S. DEPARTMENT OF ENERGY
PACIFIC AREA SUPPORT OFFICE

Holmes & Narver Inc.
Pacific Test Division
Contractor

FIELD TASK PROPOSAL/AGREEMENT
PROGRAM HA
(M Dollars)

Date: March 3, 1980
Program HA

5010725)

Ship Rental Costs are those which are paid to charter the R. V. Liktanur II. Charter costs include ship rental, crew, maintenance and repair and all other operating expenses except fuel, food and berthing at Kwajalein.

POL - fuel is consumed only at sea. All estimates assume the same rate of consumption and full operating time of the vessel. Estimates allow for a moderate price increase each year.

S&Q - At sea, the ship must provide food and water for all hands, as opposed to none while the ship is at Kwajalein. Estimates are based on a full usage of contracted operating days plus increases of about seven per cent in FYs 1980 and 1981.

Ship Modifications - Estimates provide for minor modifications to accommodate new situations.

DOE Equipment Maintenance includes the cost of installation and maintenance of all DOE trailers and other equipment used aboard ship and also DOE vehicles and small boats assigned to the operation.

Miscellaneous Non-Operating Costs - include program coordination travel expenses, procurement and cargo.

S&Q Revenue credit represent the reimbursement of meal costs by the scientific teams that utilize the chartered vessel.