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PD-AAB-576-81

621-11-130-093	July 1970	January 1973	United republic of Tanzania	73-1

Masai Livestock and Range Management

70 — 80	August 24, 1971	March 26, 1971	June 30, 1972
Prior FY: $ 530,000	Budget: $ 362,000	After Current FY: $ 2,181,000	

Near East Foundation (NEF)	Contract

A. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION	C. PROPOSED ACTION COMPLETION DATE
1. This PAR evaluation is a portion of a comprehensive, in-depth review and analysis of the subject project, conducted within the frame of reference shown in Annex A and submitted as Annex B of the complete Evaluation Report. This special evaluation was a condition of Project Authorization No. 0010 of December 2, 1969.	
2. Summary recommendations are contained in Part II of Evaluation Report and specific details in Part IV.	
3. A similar in-depth evaluation is proposed for early FY 1978 to determine project phase-out, termination or extension.	

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ACTION REQUIRED: [X] PROP [X] DIP [X] PRO AID [X] PIO/T [ ] PIO/C [ ] PIO/P

E. DATE OF MISSION REVIEW

MANAGER TYPED NAME, SIGNED INITIALS AND DATE: Irving H. Licht, AFR/DP 2/3/73

MISSION DIRECTOR TYPED NAME, SIGNED INITIALS AND DATE

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PIP [illegible]	PROJECT NO.	PERIOD FROM / TO	COUNTRY	PAR SERIAL NO
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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT: CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN: UNSATISFACTORY 1	2	3	SATISFACTORY 4	5	6	OUTSTANDING 7	C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X): LOW 1	2	MEDIUM 3	4	HIGH 5
1. Near East Foundation (NEF)				X								X
2.												
3.												

Comments on key factors determining rating: The current team is a competent, well-unified group, rather familiar with special local conditions, which now demonstrates a satisfactory understanding of the project purpose and the means of implementation, although there have been difficulties with team members who have since left the project, largely because of housing, travel and logistical problems; and long periods have passed before staff positions have been filled.

One significant deficiency occurred in Range Management causing some lags in overall project progress. For details see pp 10 of Final Report.

Continued on next page.

	1	2	3	4	5	6	7	1	2	3	4	5
4. PARTICIPANT TRAINING				X								X

Comments on key factors determining rating: The planned training program is on schedule. Two participants have returned, three departed Sept. '72 and three are scheduled to return by Sept. '73. However, one of the above returnees, regrettably, has already been promoted to a post outside the project. An updated participant training schedule is to be included in the revised PIP scheduled for March 15, 1973.

	1	2	3	4	5	6	7	1	2	3	4	5
5. COMMODITIES		X										X

Comments on key factors determining rating: The American vehicles provided have proved highly unsuitable for use in Tanzania. Of the three Ford Broncos provided in August 1970, one has been totally out of commission since November 1971 and the other two are now marginal and available only part time. As a result of the delay in implementing the U.S. loan for commodities for this project, truck transport vehicles needed have not been available.

Continued on next page.

	1	2	3	4	5	6	7	1	2	3	4	5
6. PERSONNEL						X						X
7. OTHER				X								X

Comments on key factors determining rating: a. PERSONNEL: The Tanzanian Government has provided for far more personnel to replace the U.S. Opex technicians than had been planned or anticipated in addition to extensive third-country and in-country training. Whereas the PROP had projected five Tanzanians to replace the U.S. technicians, 18 Tanzanians are to be trained for these positions. b. OTHER: 8 RAs have been registered and rights of occupancy secured for two. Papers were filed for the other 6 which should receive rights of occupancy without difficulty in the near future. Although there has been some improvement, cultivator encroachment persists in all 8 RAs. Recognizing the seriousness of this problem, GOT has taken strong action to discourage cultivation.

Continued on next page

	1	2	3	4	5	6	7	1	2	3	4	5
8. [illegible]												

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	PROJECT NO. 621-11-130-093	July 1970 January 1973	United Republic of Tanzania 73-1

ILLUSTRATIVE INDICATORS AND TARGETS

ILLUSTRATIVE INDICATORS AND TARGETS FOR OUTPUTS		CUMULATIVE PRIOR FY	CURRENT TO DATE	73 TO END	FY 74	FY 75	END OF PROJECT
1. R.A.s with rights of occupancy (there is normally a time lag after registration and before securing rights of occupancy).	PLANNED	7	7	9	11	13	21
	ACTUAL PERFORMANCE	2	2				
	UNPLANNED						
2. R.A.s complying to stocking quotas adjusted to annual range conditions studies.	PLANNED			8	8	11	21
	ACTUAL PERFORMANCE	0	0	0	0	2	21
	UNPLANNED						
3. R.A.s with tick dipping requirements met by at least 75% of the livestock.	PLANNED			2	5	8	21
	ACTUAL PERFORMANCE	3	4	6	8	11	21
	UNPLANNED	4	4				
4. R.A.s with at least 40% water storage for dry grazing areas.	PLANNED			4	7	11	21
	ACTUAL PERFORMANCE	2	3	4	6	9	21
	UNPLANNED	3	4				

R.A.s have management and coordination for basic operations and to implement innovations.

Target: 21 R.A.s have satisfactory management by FY 80.

Status: Starts made in 4 R.A.s but none approach self-sufficient management.

Some acceptance of selective breeding, improved bulls from outside, castration and culling.

Target: 21 R.A.s in FY 80; start in each R.A. in second year of operation.

Status: In 2 RAs, experimentations with improved bulls has begun and herdsmen's response has been favorable despite early loss of some bulls.

Cooperative marketing associations sell to processors or representatives and Masai sell animals at maturity.

Target: 21 R.A.s in FY 80.

Status: a) 2 R.A. marketing committees formed. b) Visible market sales. No observed backlog of surplus animals. Northern markets deteriorating as sales through unofficial channels increase.

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[illegible]	621-11-130-09[illegible]	July 1970 to January 197[illegible]
[illegible] United Republic of Tanzania		

[illegible] Revised for this PAR as follows: [illegible]

To reach a sustained high level of offtake in the Masai District consistent with proper land use, resource management and Tanzanian social and economic development goals.

[illegible] will exist when [illegible] achieved.	[illegible]
1. Ten R.A.s will have an annual average offtake of 15% or more.	1. Direct data not yet available. Analysis shown in Marketing section of Evaluation Report confirms 7% offtake in FY '70 and sets new target of 12% in FY '80.
2. Eleven other R.A.s will be in various stages of development toward the objective of a 15% or better annual average offtake.	2. Same as 1.
3. Enough cattle are sold through R.A.s to pay for self-help development programs (estimated magnitude is 1,000 cows each year per R.A.).	3. Kijungu R.A. is raising an additional 50,000/ as matching funds to obtain Rural Development Bank loan of $100,000. 2 other R.A.s have contributed 20,000/- each for development.
4. Changes implemented without coercion of Masai.	4. 8 R.A.s have been registered and 3 other areas have applied for registration. The Masai's willingness to cooperate is exceeding the ability of the technical staff to implement.

V. PROG[illegible]

[illegible] Revised for this PAR as follows:

[illegible] obtain the highest national beef production possible with environmental conservation and improvement. Increased production and offtake will permit higher per capital protein consumption along with greater foreign exchange earnings from exports.

[illegible] project purpose make a significant contribution to the programming goal, given the magnitude of the national [illegible]

1. Average annual offtake on fully activated R.A.s 12% in FY '80 compared to 7% in FY '70.

2. Average slaughter steer live weight increases from 550 pounds in 1970 to 650 in 1980.

3. Social organization: 21 cooperative Ranching Associations organized.

4. Proper range management will also yield improvement in wildlife habitat, conservation and better utilization other valuable resources, e.g. charcoal, timber, logs.

5. Soil erosion would be held to a minimum with a resultant increase in watersheds and water quality.

AID 1020-5 (10-70) PAR Form Corresponding to Revised Logical Framework in Annex C REPORT U-[illegible]

PROJECT APPRAISAL REPORT (PAR)

PAGE 1

1. PROJECT NO.	2. PAR FOR PERIOD	3. COUNTRY	4. PAR SERIAL NO.
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5. PROJECT TITLE

Masai Livestock and Range Management

6. PROJECT DURATION: Began FY _____ Ends FY _____	7. DATE LATEST PROP	8. DATE LATEST PIP	9. DATE PRIOR PAR

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: $	b. Current FY Estimated Budget: $	c. Estimated Budget to completion After Current FY: $

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Near East Foundation (NEF)	Contract

12. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X) USAID	AID/W	HOST	B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
			This PAR form is included in the Evaluation Report in order to show the revised indicators which correspond to the revised Logical Framework of Annex C. Yearly targets to be determined in revised PIP.	

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13. [illegible] REQUIRED

REVIEW OR NEW: ☐ PROP ☐ PIP ☐ PRO AG ☐ PIO/T ☐ PIO/C ☐ PIO/P

14. DATE OF MISSION REVIEW

REGIONAL DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE
Irving H. Licht, AFR/DP 2/3/73 IHL	

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DOCUMENTATION INDEX	DEPARTMENT OF STATE AGENCY FOR INTERNATIONAL DEVELOPMENT		PAGE ___ OF ___ PAGES
FORM SYMBOL	TITLE OF FORM	1. Cooperating Country United Republic of Tanzania	2a. Code No.
PAR	PROJECT APPRAISAL REPORT		2b. Original OR Revision No.
		3. Project/Activity No. and Title 621-11-130-093 Masai Livestock and Range Management	

Indicate block number. Use this form to complete the information required in any block of a PID or PA/PR form.

PART II A3 contd

This portion of the project is only in the early stages: little has been done yet to develop management plans for 8 registered associations. Some water works and dips were installed without grazing plans. Whether these were properly placed will be determined when the management plan is prepared. In addition, water supplies thus developed may not fully meet requirements. Furthermore, ranching associations have not yet been fully demarcated and some encroachment by cultivators is occurring with adverse effects of soil erosion already evident.

Part II A5 contd

There has been a delay in securing films and other training materials.

USAID has now arranged to provide the number of U.S. origin vehicles in good working condition sufficient for the current NRF team including the Animal Production Specialist whose nomination is expected soon. However, in view of the serious parts and maintenance problems on U.S. vehicles, AID/W should review possible authorization of Land Rovers as replacements when needed.

Also, arrangements between USAID and GOT on implementation procedures of the U.S. loan have just been concluded so commodities on order are being shipped from U.S. suppliers and delivery is expected about July, 1973.

PART II A6 contd

The RDD (Regional Development Director) and DDD (District Development Director) have given assurances they will take necessary actions to adjudicate differences with both cultivators and even other Masai herdsmen who may encroach registered RAs, and to safeguard RA member rights of occupancy.

Under a recent, broad, government reorganization, executive responsibility for this project is now at Regional and District level, much closer to local situation, which reinforces already strong leadership and support GOT affords this whole undertaking. Lending further impetus to this trend is the GOT decision to accord priority to Masai District within Arusha Region in respect to developmental and Ujamaa emphasis.

The Range Management Act is in process of amendment and some progress has been noted in Marketing. Implementation of the concept of Ujamaa RAs was delayed somewhat due to the lack of a sociologist who has now arrived and assumed an active role in project affairs. Inadequate provision of truck transport by the Tanzanian Government (GOT) has seriously delayed development work, although the provision of Land Rover transportation for Association personnel has been excellent.

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AID 1330-1 (10-71)	PROJECT NO.	PLAN FOR PERIOD	COUNTRY	PAR SERIAL NO.
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II. 7. Continuation sheet to be used for logical data analysis review of Q&A - Demo

Masai Livestock and Range Management

VI. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMULATIVE PRIOR FY	CURRENT FY TO DATE	CURRENT FY TO END	FY ___	FY ___	END OF PROJECT
1. R.A.s with rights of occupancy (there is normally a time lag after registration and before securing rights of occupancy).	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
2. R.A.s complying to stocking quotas adjusted to annual range conditions studies.	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
3. RAs dip all animals on regular schedule.	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
4. RAs have 60% of mgt. unit covered with permanent water for dry season use; 40% of mgt. unit covered with temporary water for wet season use.	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						

B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:
a) RAs subdivided into units. b) Each RA subdivision has Mgt. Plan. c) RAs have resident field officer with transport.	
2. Broad acceptance of breeding and management practices, ie., improved bulls, castration, selection, disease treatment and control.	COMMENT:
3. Evident sales of marketable surplus.	COMMENT:

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PROJECT NO.	PERIOD	COUNTRY	PAR SERIAL NO.
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IV. PROJECT PURPOSE

1. Is purpose currently correct? [ ] YES [X] NO

To reach a sustained high level of offtake in the Masai District consistent with proper land use, resource management and Tanzanian social and economic development goals.

2. Conditions of land use that will be proper when achieved.	2. Evidence to date of progress toward these conditions.
1. Eight RAs will have annual average offtake of 12% or more.	
2. Thirteen other RAs will be in various stages of development toward objective of 12% offtake or better.	
3. Enough cattle are sold through RAs to pay for self-help development programs.	

V. PROGRAMMING GOAL

3. Statement of Programming Goal Revised for this PAR as follows:

To obtain the highest national beef production possible with environmental conservation and improvement. Increased production and offtake will permit higher per capital protein consumption along with greater foreign exchange earnings from exports.

4. Achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national Civ[illegible]

1. Average annual offtake on fully activated R.A.s 12% in FY '80 compared to 7% in FY'70.
2. Average slaughter steer live weight increases from 550 pounds in 1970 to 650 in 1980.
3. Social organization: 21 cooperative Ranching Associations organized.
4. Proper range management will also yield improvement in wildlife habitat, conservation and better utilization other valuable resources, e.g., charcoal, timber, logs.
5. Soil erosion would be held to a minimum with a resultant increase in watersheds and water quality.