

PROJECT APPRAISAL REPORT (PAR)

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1. PROJECT NO. 931-11-995-961-72	2. PAR FOR PERIOD 5/1/73 TO 6/4/74	3. COUNTRY Worldwide	4. PAR SIGNAL NO.
5. PROJECT TITLE			

Technical Information

6. PROJECT DURATION: Began FY 72 Ends FY 76	7. DATE LATEST PROP 7/16/73	8. DATE LATEST PIP	9. DATE PRIOR PAR 5/14/73
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$199,873	b. Current FY Estimated Budget: \$ 150,000	c. Estimated Budget to completion After Current FY: \$240,000
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
National Technical Information Service	PASA TA(CG) 7-72
U.S. Department of Commerce	

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

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
	TA/OST		Prepare PASA for FY 1975 funding	June 30, 1974
	TA/OST TA/STS		Explore with NTIS appropriate steps to extend NTIS services to AID graduate and other non-AID developing countries	Sept. 1, 1974
	TA/OST		Investigate with NTIS possible arrangements with international and regional organizations for the transfer of NTIS products and services to LDCs.	Sept. 1, 1974
	TA/OST		Plan jointly with NTIS steps required for initial information network in 10 LDCs to continue on self-sustaining basis beyond FY 1976.	April 1, 1975



BEST AVAILABLE DOCUMENT

D. REPLANNING REQUIRES				E. DATE OF MISSION REVIEW		
REVISED OR NEW:	<input type="checkbox"/> PROP	<input type="checkbox"/> PIP	<input type="checkbox"/> PRO AG	<input type="checkbox"/> PIC T	<input type="checkbox"/> PIC C	<input type="checkbox"/> PIC D
PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE	PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE					
John Fry June 7, 1974	H. A. Arnold June 7, 1974					

### III. Standard/Key Questions

1. Are key inputs being supplied according to plan by AID, action agent, and cooperating countries? All, yes, except that the FY 1974 target of bilateral agreements between NTIS and counterpart institutions in 10 LDCs for local brokerage of NTIS products and services will not be met by June 30, 1974. Thus far, agreements have been concluded with organizations in 5 LDCs; NTIS expects to complete agreements with organizations in 5 additional countries by December 1, 1974. See attached NTIS progress report for details.
  2. Are assumptions regarding supply of inputs still valid? Yes.
  3. Rate performance of action agent against plan. Satisfactory.
  4. Is the management hypothesis that the totality of resources applied to the project will be sufficient to produce the predetermined outputs by the specified target dates still valid? Yes, except to note that phasing for application of resources may differ somewhat from that specified in the PROP, particularly in regard to technical advisory services, including training, to cooperating LDC institutions.
  5. Is the approach or course of action originally selected, i.e., project design and/or methodology, still the most appropriate? Basically, yes, however, some desirable changes to broaden services are noted in the narrative.
- G. In regard to output indicators (see matrix):
- a. Was actual performance less than planned target? Yes. As noted above, the target of 10 bilateral agreements in FY 1974 was not achieved which has delayed somewhat the timetable for technical assistance to LDC intermediary institutions. Nonetheless, NTIS has demonstrated initiative in completing the remaining agreements and expects this will be accomplished by December 1, 1974. Also, NTIS has developed a training program for participants from cooperating institutions. While only one participant has been trained thus far, NTIS expects to expand this activity in FY 1975 as the remaining agreements are concluded.
  - b. What changes, if any, are necessary in outputs, output indicators, target dates, and assumptions? Minor changes. Are they reflected in the attached matrix? Yes.
  - c. Do action agent's reports provide adequate program data for monitoring and analysis? Yes.

#### IV. Narrative

The project was reviewed on June 4, 1974, by an informal evaluation Panel (Type A) consisting of Mr. Erwin Lachman, Mr. Sherwin Landfield, Mr. Dean Bernius, and Mr. John Fry with Mr. William Knox, Director, National Technical Information Service, and Mr. Terry Lindemann and Mr. David Shonoyo, NTIS staff members. Mr. David Harbinson, TA/STS, also participated in the review.

The project is being implemented with AID support to increase the ready availability in LDCs of U.S. technical publications relevant to the selection, adaptation, and transfer of technology. The project is improving access in LDCs to a significant fraction of Federally sponsored research and development results considered most relevant to LDC problems of technological choice.

When it became evident last year that the number of IDC purchases of NTIS reports announced in AMTID was considerably short of expectations, the project was redesigned to (1) begin to mobilize NTIS counterpart organizations in selected countries to broaden access and utilization of NTIS products and services and (2) begin to strengthen these counterpart institutions through technical advisory services and training to improve their effective outreach to user organizations, including smaller enterprises in rural areas. Because only 5 of 10 agreements between NTIS and cooperating LDC institutions have been concluded at this time -- and these relatively recently -- evidence is not yet available to judge whether this approach will result in a significantly larger number of NTIS reports being purchased by LDC users. Initial signs are encouraging, however: the number of reports purchased in April was 258, the largest monthly order received thus far and more than double the monthly average (92).

The Panel approved refinements in the project introduced this past year, particularly the involvement of LDC brokerage institutions and implementation of technical assistance which is just beginning, and encouraged NTIS during the next two years to develop self-sustaining capabilities within the initial institutional network. If this effort succeeds, the network could be expanded in following years to include a larger number of countries and additional organizations within the experimental countries. The Panel also endorsed the current information marketing approach to achieve wider utilization of U.S. R&D results in LDCs and suggested this aspect of the project be given high visibility by the cooperating LDC institutions. It was also suggested that the Project be increased in scope to accommodate expanding needs of AID graduate and non-AID developing countries for accelerated

transfer of U.S. scientific and technical information. Finally, it was suggested that NTIS explore possible arrangements with international agencies such as UNIDO and regional organizations such as OAS to facilitate LDC access to NTIS products and services.

Attachments:

Project Matrix

NTIS Progress Report

Science and Technology Institutional Development (19)

Worldwide Technical Assistance and Research

FY 1975/76 Technical Assistance Bureau Program Submission  
Project and Budget Analysis Matrix

Obligation: Initial FY 1972 Final FY 1976

Service : Start FY 1972 End FY 1976

XXS/PROP Status: Project approved thru FY 1976  
Section 2(j)(d): Project approved thru FY 1976  
Evaluation Scheduled June 1975 A  
Month Year Type

Title: Technical Information  
NA(CG)97-723ma National Technical Information Service  
Project Officer John C. Fry Extension 20545

Major Country/Countries  
40 Developing Countries

On-Going Only

Narrative	Objectively Verifiable Indicators	
<p><b>OBJECTIVES:</b></p> <p>To facilitate the transfer of most relevant U.S. scientific and technical information to LDCs for development purposes.</p> <p>To establish linkages between NTIS and LDC scientific and technical information services and to begin to strengthen institutions in selected countries.</p>	<p><b>B2 End of Project Status:</b></p> <ol style="list-style-type: none"> <li>1. Increased awareness in developing countries of value of U.S. research and development activities.</li> <li>2. New and strengthened linkages between developing country institutions and U.S. counterparts.</li> <li>3. Use of research results by LDCs in solving development problems.</li> <li>4. Greater LDC demand for U.S. technological products and services.</li> </ol>	<p><b>B3 Progress to Date:</b></p> <ol style="list-style-type: none"> <li>1. Agreements concluded by NTIS with counterpart institutions in Korea, Ecuador, Philippines, and Thailand.</li> <li>2. Basis for information network agreement established in Colombia, Brazil, Pakistan, Indonesia, Tanzania and Nigeria.</li> </ol>
	<p><b>C2 Output Indicators:</b></p> <ol style="list-style-type: none"> <li>1. Purchase of reports and information services from NTIS.</li> <li>2. Reports of LDC institutions on value of NTIS products and services.</li> <li>3. Assessment of LDC utilization through questionnaires and on-site visits.</li> </ol>	<p><b>C3 Progress to Date:</b></p> <ol style="list-style-type: none"> <li>1. Purchase of 1881 U.S. R&amp;D reports by 31 LDCs from NTIS between February 1972 and January 1974.</li> <li>2. Rising trend in LDC purchase of reports.</li> </ol>

RESULTS:	D2 Budget Summary (in thousands of dollars)							
	(1)	(2)	(3)	(4)	(5)	(6)**	(7)	
<p>1. Quarterly NTIS distribution of "Application of Modern Technologies to International Development" to LDC institutions and intermediaries.</p> <p>2. NTIS technical assistance (advisory) to LDC counterpart institutions.</p>	All Prior Year							
	Personnel Dollars		Commodities	Other Costs	Total	Expenses	June 30 Pipeline	Financial Period Month Year
	200	120		-	200	200	0	June 1973
	127	65		23	150	350	0	June 1974
	110	52		11	173	320	0	June 1975
	110	52		11	173	320	0	June 1976
6. Total				523	550			

\* FY 1975 Congressional Presentation level. \*\* Estimate

Expenditures are to be computed on an accrual basis.