

APPENDIX B

ORGANIZATIONAL RESPONSIBILITIES

1. Directorate of Research and Development Will:

- a. Exercise staff management responsibility for the USACE R&D Laboratories.
- b. Manage the planning, programming and execution of the USACE RDT&E program.
- c. Ensure that the research program addresses validated user requirements.
- d. Approve the research program submitted by the USACE Laboratories.
- e. Coordinate and manage the participation of the USACE R&D community in the DA PPBES process.
- f. Establish the overall structure for the Military RDT&E program.
- g. Staff the TTP submitted by R&D performing elements within USACE and OCE and with DA/DOD agencies, as appropriate, and coordinate USACE and OCE approval.
- h. Supervise execution of the TTP by the R&D performing elements. Ensure that changes to the TTP are made, staffed and approved as necessary. Where a product is produced for which no TTP has been prepared, coordinate the development of a technology transfer mechanism.
- i. Monitor the technology transfer process and make recommendations to the appropriate Agencies/Directorates for improving the process, as required.
- j. Coordinate the Military Engineering R&D program with the Commanding General of the Army Materiel Command's Laboratory Command (LABCOM).

2. R&D Performing Elements Will:

- a. Develop the research program in accordance with the guidance provided by DRD and in coordination with the Proponent.
- b. Participate in the Army's long range planning process.
- c. Execute approved research program.

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- d. Document results of research in technical reports.
- e. Formulate research results into products which can be easily transferred to the user.
- f. Prepare and coordinate with the Proponent the TTP, and submit to CERD-M for staffing and approval.
- g. Participate in technology transfer as defined in the TTP.
- h. Conduct IPRs at designated milestones or when deemed necessary during the R&D program to assure effective user/developer coordination and the development of acceptable technology. The organization responsibilities and procedures for IPRs are detailed in ER 70-1-5 and AR 70-1.
- i. Conduct pilot test demonstrations when appropriate.
- j. Recommend to DRD and to the appropriate Directorates/Proponents those R&D products which may have applications beyond those envisioned by the original TTP.
- k. Assist Huntsville Division, in coordination with the Proponent and as required, in establishing training programs for technology to be adopted by USACE elements and other users.
- l. Provide developer assistance to Users when required to effectively implement technology transfer.
- m. Serve on and participate in the activities of the National Technology Teams, user groups, other Corps/Army/DOD technology groups as appropriate.

3. USACE Directorates/Separate Offices as Proponents of RDT&E Programs will:

- a. Collect input from FOAs and other members of the Army family on deficiencies which could be solved by R&D products.
- b. Validate and establish the priorities of the MADS for the areas for which they are the Proponent.
- c. Establish the criticality of work units in the areas for which they are the Proponents and assist DRD in prioritizing the R&D program.

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d. Monitor Laboratory R&D execution and review draft technical reports and progress reports to assist in assuring that the research being performed is consistent with the approved plan with regard to responsiveness to deficiencies, timeliness and feasibility for technology transfer.

e. Participate in User Groups to obtain FOA input on responsiveness of proposed LRS&T Program to validated deficiencies and on the practicality of the resulting R&D product.

f. Assist R&D Performing Elements in the development of the TTPs.

g. Review and approve TTPs.

h. Manage the technology transfer of the products from the R&D program.

i. Identify, in coordination with DRD, the FOA to conduct Pilot and Operational Tests of new technology in accordance with the TTPs. Support Pilot and Operational tests.

j. Monitor and review the results of Pilot and Operational Tests.

k. Prepare Technology Transfer Documents and promote activities needed to assure full implementation including training.

l. Provide feedback to the R&D Performing Element and DRD on the implementation of significant new R&D products/technology.

m. Appoints Technical Monitors for work units for which they are the Proponent.

4. USACE Divisions and Districts:

a. Identify Mission Area Deficiencies and prepare MADS.

b. Participate in User Groups and technology teams.

c. Participate in operational testing of research products.

d. Maximize the utilization of R&D products which have been approved by the appropriate Directorate.

e. Plan and conduct Operational Tests when directed by HQUSACE.

f. Co-Chair USACE National Technology Teams and user groups as assigned.

5. MACOM/HQs:

- a. Identify Mission Area Deficiencies and prepare MADS.
- b. Participate in User Groups and Technology Teams.
- c. Participate in operational testing of research products.

6. Huntsville Division will:

a. Establish training programs when directed by appropriate OCE Directorates/Separate Offices for implementation of new technology.

b. Assist Laboratories and Proponents on matters relating to the incorporation of new technology into assigned design criteria.