

**MEMORANDUM OF UNDERSTANDING
BETWEEN
METRO FIRE CHIEFS
AND
FEDERAL LABORATORY CONSORTIUM
AND
CENTER FOR TECHNOLOGY COMMERCIALIZATION
(SPONSORS OF FIRE FIGHTING TASK FORCE)
FOR
TRANSFER OF TECHNOLOGY DERIVED FROM FEDERAL
LABORATORIES, INDUSTRY AND ACADEMIA
FOR APPLICATION TO THE FIRE SERVICE**

The Federal Laboratory Consortium (FLC) and Center for Technology Commercialization (CTC) are directed to provide the widest practicable and appropriate dissemination of information concerning laboratory research and the results thereof. Legislation and executive orders have further directed Federal Agencies to heighten their efforts to move new technologies into the United States private sector. The policy also directs United States Government entities such as the FLC to foster the growth of private-sector commercial use of Federal Laboratories technologies.

ARTICLE I - PURPOSE AND SCOPE

1.0 The FLC member laboratories have developed technologies and possess expertise in a broad range of disciplines and have world-class facilities in which evolving technologies may be tested. The FLC member laboratories are dedicated to using these resources for the development and commercialization of products that will strengthen the United States economy and improve the overall quality of life. The Metro Fire Chiefs (MFC) have the sworn duty to serve and protect the citizens throughout their respective jurisdictions. Fighting fires is an inherently dangerous business and firefighters accept a

certain degree of risk every time they respond to a fire. The MFC recognizes that the transfer of Federally-funded technology to the private sector provides potential opportunities to reduce risk and enhance the safety of the fire fighting service.

Accordingly the MFC, FLC, and CTC operating under this Memorandum of Understanding (MOU), agree to the following:

1.1 FLC, CTC and the MFC hereby commit, through issuance of this MOU, to cooperatively explore opportunities where federally-funded technology can be applied to the advantage of the fire fighting service.

1.2 It is recognized that the ability of FLC, CTC and the MFC to perform their cooperative obligation is subject to the availability of appropriated funds. Each signatory to this MOU is responsible for its own work and expenses. There will be no exchange of funds between the signatories to this MOU for tasks specified herein.

ARTICLE II - RESPONSIBILITIES

2.0 The FLC, CTC and the MFC agree that the primary objective of this MOU is to bring together the relevant expertise of each party to address the commercial potential of federally-funded technologies. The parties will establish a working relationship through regularly held meetings to discuss such topics as fire fighting needs and requirements, the limitations of current fire fighting technologies, and the potential applications of federally-funded technologies.

2.1 The FLC, CTC and the MFC will work jointly to identify areas for technology transfer. Initial topics to be investigated include, but are **not limited** to:

2.1.1 An advanced tracking system for locating personnel and equipment in a structure;

2.1.2 Noise reduction and control technologies to develop hands-free communications between firefighters and on-the-scene command post;

2.1.3 Enhanced visibility through dense heavy smoke;

2.1.4 Future Apparatus for first responders in the event of terrorist attacks and all hazards;

2.1.5 Wildland Fires

2.1.6 Other topics to be agreed upon

2.2 The FLC and CTC will work with the MFC to determine the appropriate partners for development and commercialization of federally-funded technologies. The MFC will be instrumental in setting the requirements for the design of any new product based on these new technologies. In addition the MFC will assist in the development of a fire service subject matter expert (SME) list of personnel who can be called upon to assist with the assessment of technologies as well as operational requirements.

2.3 Each Party will appoint a person to serve as an official contact and to coordinate the activities of each Party in carrying out this MOU. The initial appointees of each Party are:

FLC/CTC - Robert Saba (Coordinator, Fire Fighting Task Force)

MFC - Keith Richter (Fire Chief, Contra Costa County, CA)

ARTICLE III - TERM OF UNDERSTANDING

3.0 The term of this MOU is for a period of two (2) years from the effective date of this agreement, which may be extended upon mutual agreement of the Parties. It shall be reviewed after one (1) year to ensure that it is still fulfilling its purpose and to make any necessary revisions. Either Party may terminate this MOU upon thirty (30) days written notice.

In witness whereof, the Parties have executed this
MOU.

J. Scott Miller
FLC
3-31-08
Date

Keith B. Richter
MFC
3/19/08
Date

Alvin J. [Signature]
CTC
3-12-08
Date