



# THE DETONATOR

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## DIRECTOR'S NOTES

My sympathy, my concern and my gratitude to the Boston Bomb Squad. The loss of Officer Hurley and the injuries to Officer Foley are the ever present reminder that extreme sacrifices are part of the business we are in. Enough said.

I have just returned from attending the Region II conference in Dallas, Texas and the Region VI conference in San Juan, Puerto Rico. Region II under the guiding hands of Joe Dempsey and Don Andrews conducted an outstanding conference.

With no intentions of slighting Region II, I must comment on Region VI's conference. Personally, I think Joe Doyle must be giving away \$100 bills to everyone in Puerto Rico. Joe must have had 60 people helping with this conference (far too many to try to name them personally). Several times during this conference, I wondered if there was anybody in Puerto Rico who wasn't working on the conference. What I am trying to say is that here in the continental USA, often things are taken for granted, not so in Puerto Rico. Every obstacle, including things like language barriers and traffic problems were overcome by pure and simple hard work. These members put on an outstanding educational conference, and the special events were beyond description. I have received reports from the other conferences indicating they all went great, and hats off to Region I who had over 200 members present. Thanks to all of the Region Directors for doing a heck of a job. I along with several hundred members appreciate the job you did on the Regional Conferences.

Now it is time for me to get on my "soap box". As of this date, I have not heard a single word regarding the "Help Wanted" or the "New and Used Equipment". If both are terrible ideas, give me a call or write me a letter telling me what you think. Although, for some reason I can't believe that no

one needs help or that no one is interesting in acquiring equipment. I have to assume that everyone is so busy that they don't have the time to contact me.

The nominations are in for Regional Directors and the Third Assistant. Take the time to find out about the candidates, then take the time to vote. There is not an organization in existence that has a better cause than IABTI and it's continued operation is dependant upon the people you elect to the Executive Board.

Stay safe, and be careful.  
JERRY L. LOYD  
International Director

### IN MEMORIAM

PATROL OFFICER,  
JEREMIAH J. HURLEY, JR.  
Boston Police Department  
Line of duty.

SSG. JOSEPH W. LUDLUM  
U.S. Army  
Line of duty

SFC DONALD MURPHY  
U.S. Army  
Line of duty.

### INJURED

FRANK FOLEY  
Boston Police Department  
Seriously injured line of duty.

DAWN SMITH  
Jefferson County, KY, police Department  
Seriously injured line of duty.

### RENEWAL FORMS

The renewal forms have been mailed to all members. Dues are payable prior to Jan. 1, 1992. Send your's in NOW - don't cost the Association by the office having to mail a second notice.

## BOSTON INCIDENT UPDATE

On October 28, 1991, in Roslindale, Massachusetts, a destructive device was being examined by Boston Police Department Bomb Technicians, Jeremiah Hurley and Francis X. Foley when it detonated causing the death of Hurley and critically injuring Foley. The device had previously been handled by the intended victim several times before the bomb technicians arrived on the scene.

Due to the circumstances surrounding this incident, the ATF National Response Team Northeast Unit was requested and activated on October 29, 1991. As a result of a joint investigation with the Boston Police Department and ATF the following information is presented:

The device consisted of:

- a) three to four sticks of dynamite,
- b) electric #6 detonators (blasting caps)
- c) 9-volt batteries,
- d) AA-batteries,
- e) toggle switch
- f) Futaba radio controlled unit
- g) Futaba switch
- h) Futaba servo
- i) Futaba receiver
- j) Futaba battery holder
- k) three types of tape

The aforementioned components were encased in a 12 3/5" X 5 1/4" X 1 1/2" box made from wood paneling. Attached to the box were numerous magnets. The box was spray-painted black and was originally attached under a vehicle. To assist this investigation ATF in conjunction with the Boston Police Department Patrolmen's Association have offered a combined reward of \$50,000 (\$25,000 per organization) for information leading to the arrest and conviction of any individual/individuals involved in this incident.

Donations in the name of Jeremiah Hurley may be sent to the Jeremiah Hurley Fund, Hyde Park Savings Bank, 1196 River Street, Hyde Park, Massachusetts 02136.

At this time Francis X Foley is still undergoing medical treatment. His address is: Francis X. Foley, Special Operations Unit, Bomb Squad, Boston Police Department, Area A-1, 40 New Sudbury Street, Boston, MA 02114.

Submitted by J.C. Lund, 301-294-0410

## ENGINEER TO PLEAD GUILTY TO BOMBINGS

Daily Bulletin 8/14/91 AP - FRESNO - An aerospace engineer agreed to admit lobbing pipe bombs at one Internal Revenue Service building and placing enough explosives outside another IRS office to level two square blocks, a prosecutor said.

Dean Harvey Hicks planned to plead guilty to bomb attacks in Los Angeles in 1988 and 1990, the regional income tax processing center in Fresno this April 1 and an Orange County IRS office in 1987, said Assistant U.S. Attorney George

Newhouse. A U.S. District Court hearing was scheduled in Los Angeles today.

Hicks also was to plead guilty to a postal violation for sending a threatening letter to the Fresno Bee newspaper saying a group called "UP the IRS Inc" was responsible for the April Fool's Day attack. That attack in which 13 pipe bombs launched from a field landed on the roof, parking lot and across the street was the most publicized of a series of assaults on IRS facilities in CA.

However, it wasn't the most dangerous because enough explosives to blow up two square blocks were left in a truck that was set on fire outside a west Los Angeles IRS office in February 1990, Newhouse said. There were no deaths or destruction because firefighters put the flames out before the 2,000 pounds of ammonium nitrate/fuel oil could ignite. The truck and its load of four 55 gallon drums of explosives were towed to the Mojave Desert and detonated, causing a crater 15 feet deep and 30 feet wide, he added.

The FBI uncovered evidence at the Fresno regional center that led agents to Hicks, 45. A quality control supervisor at Ford Aerospace, he reportedly was upset because the IRS denied him a charitable deduction in 1981.

## PIPE BOMB OVERPRESSURE/FRAG. TEST

Pipe: Steel, 2" x 6", Schedule 40  
Charge: 6 ox. Hercules Smokeless Powder  
Initiation: Atlas Electric Squib with 15 Grains of FFFG Black Powder.

The above device was placed under a plastic dish pan measuring 11"L, 9"W and 5"H for stand-off. A 30 gallon plastic garbage drum with the bottom cut out was placed over the dish pan that covered the pipe bomb. The 30 gallon drum measured 21" in height and 20 1/2" in diameter. A 33 gallon heavy duty plastic bag was inserted into the 30 gallon drum and filled with ordinary water. The water equally and completely surrounded the dish pan that provided stand off for the pipe bomb. Four Anderson Blasgages were placed 18" above ground and 4" from the center of the device. Each Blasgag was perpendicular to the device and placed 90 degrees from each other.

The Blasgages, after detonation, showed no evidence of shearing indicating over-pressures were held to a minimum. Dr. Edward Graeber, Sandia National Laboratories, calculated the unmitigated overpressure for the test device to be 10.71psi at 4' (impulse 3.99 ms).

Fragmentation was significantly reduced, but did occur. About a 1" square piece of the pipe was imbedded into the 30 gallon drum and at 300' from the seat of explosion frag was heard travelling overhead.

This test, at a material cost of about \$25.00, outperformed the Barrett Bag tests recently conducted in Chicago. Each Barrett Bag costs about \$1,500.00.

Submitted by, JOE GRUBISIC, Chicago PD.B/Squad