## Player 1

Score: Level Lives: Unused

#### Player 2

Score: Elapsed game time (in seconds)

Lives: Unused

## Player 3 - Level IN parameters

Score: Number of hostages to rescue

Lives: Number of hostages

## Player 4 - Level OUT parameters

Score: Number of hostages rescued

Lives: Mission Completeness

0 = mission failed (enemy not destroyed and target not destroyed)

1 = enemy not cleared

2 = target not destroyed

3 = mission complete (enemy destroyed and target destroyed)

## Tank:Body

A) Unused

### B) Accelerating/Decelerating

0 = tank is slowing due to friction

1 = tank is accelerating/decelerating

### C) Firing

0 = the tank is moving

1 = the tank is firing

### Tank:Turret

A) Gun Elevation

0 = Low (only ground based objects and walls destroyed)

1 = High (only objects on walls destroyed)

### B) Gun Rotation

(32 \* 4 rotations, used to slow to gun rotation)

### Tank:Shell

A) Shell Elevation

1 = Low (only ground based objects and walls destroyed)

2 = High (only objects on walls destroyed)

## B) Bullet Age

#### Soldier

A) Mode

-1 = Reset

0 = Waiting

1 = Active

2 = Dead

## B) Sprite remove delay/Aggressiveness

if A = 1 then aggressiveness

if A = 2 or 3 then delay until sprite is removed/destroyed

## Sergeant

- A) Mode
  - -1 = Reset
  - 0 = Waiting
  - 1 = Active
  - 2 = Dead
- B) Sprite remove delay/Aggressiveness
  - if A = 1 then aggressiveness
  - if A = 2 or 3 then delay until sprite is removed/destroyed

## Bazooka:Soldier

- A) State
  - -1 = Reset
  - 0 = Waiting
  - 1 = Active
  - 2 = Tracking
  - 3 = Shot
- B) Time spend tracking
- C) Direction before tracking

## Bazooka:Sight

- A) Mode
  - 0 = off
  - 1 = tracking
  - 2 = locked
  - 3 = locked+fired

## Bazooka:Shell

## Bazooka:Parameters

- A) X distance from sight to tank
- B) Y distance from sight to tank
- C) Distance squared from sight to tank
  - c < 50 = locked
  - c < 3000 = locking
  - otherwise = tracking

# Hostage

- A) Mode
  - -1 = Reset
  - 0 = Waiting
  - 1 = Active
  - 2 = Dead
- B) Sprite remove delay/Aggressiveness
  - if A = 1 then aggressiveness
  - if A = 2 or 3 then delay until sprite is removed/destroyed

## Bunker

- A) Status
  - 0 = Ok
  - 1 = Destroyed
- B) Hit Count

### **Bunker: Entrance**

- A) Open/Close counter
  - 0 19 = Closed about to open
  - 20 = Opening
  - 21 39 = Open about to close
  - 40 = Closing
  - 60 = Restarting cycle

### **Gun: Turret**

- A) Status
  - 0 = Ok
  - 1 = Destroyed
- B) Hit Count

## Gun: Bullet

- B) Bullet Age
- Soldier: Bullet
- B) Bullet Age

## Sergeant: Bullet

- B) Bullet Age
- **Bazooka: Movement**

## Helicopter

- A) Status
  - 0 = On screen
  - 1 = Off screen

### **Game State**

- A) State
  - 0 = Starting
  - 1 = Hostage display
  - 2 = Playing
  - 3 = End
- B) General
  - if A = 1 then number of hostages
  - if A = 3 then time until next frame

### Shrapnel

B) Shrapnel Age

# **Base Destroyed**

- A) Bunkers remaining
- B) Gun Turrets remaining

Episode	Hostages	Rescue	Special Mission
1.1	8	4	
1.2	10	5	
1.3	10	6	Clear Enemy
2.1	12	7	-
2.2	12	9	Clear Enemy
2.3	12	11	Clear Enemy + Destroy Ammo
3.1	16	12	
3.2	16	14	Clear Enemy
3.3	16	16	Clear Enemy + Destroy Rocket