REPORT OF CIVIL ENGINEERING EVALUATION
UNMANNED LIGHTHOUSES

NAME OF AID: PORTSMOUTH HARBOR LIGHT

LLNR: 8185

DATE OF INSPECTION: 18 JUNE 1990

RESPONSIBLE UNIT: ANT SOUTH PORTLAND

INSPECTOR: CWO FROEHLICH

ACCOMPANYING PERSONNEL: EM-2 ECK

OVERALL RATING: GOOD

A. SITE:

INSPECTION ITEM	EXC	GOOD	SAT	UNSAT*	N/A
1. ACCESS					
a. Helicopter					X
b. Boat					X
c. Vehicle	X				
2. APPEARANCE		X			
a. Grounds			X		
b. Security	X				
c. Drainage/Erosion		X			
3. TOWER ACCESS					
a. Walkway				X	
b. Ladder					X
c. Stairs					X

* ALL UNSAT CONDITIONS WILL BE DESCRIBED AND CORRECTIVE ACTION RECOMMENDED IN SECTION G

[redacted]TURAL):

[redacted] OF DESIGN: BRICK LINED CONICAL CAST IRON .

a. Condition: EXC GOOD SAT UNSAT N/A .

2. TYPE OF FOUNDATION: CONCRETE ON GRANITE .

a. Condition: EXC GOOD SAT UNSAT N/A .

C. TOWER (ARCHITECTURAL):

INSPECTION ITEM	EXC	GOOD	SAT	UNSAT	N/A
1. EXTERIOR					
a. Walls		X			
b. Doors				X	
c. Windows			X		
d. Catwalk		X			
e. Railings		X			
f. Roofing	X				
g. Lightning Protec.			X		
h. Fog signal			X		
i. Misc. Hardware			X		
2. INTERIOR					
a. Walls			X		
b. Decking			X		
c. Ceilings				X	
d. Doors			X		
e. Ladder					X
f. Stairs		X			
g. Vents			X		

D. MECHANICAL/ELECTRICAL:

1. TYPE OF POWER: COMMERCIAL SUB CABLE POLES EM. GEN. SOLAR.

INSPECTION ITEM	EXC	GOOD	SAT	UNSAT	N/A
2. POWER CABLES			X		
3. ELECTRICAL DIST.			X		
4. BATTERIES					X
5. WIRING			X		
6. LIGHTING		X			
7. GENERATORS/PANELS					X
8. FUEL STORAGE					X
9. AIR COMPRESSORS					X

E. NAVAID EQUIPMENT:

a. Condition: EXC GOOD SAT UNSAT N/A

F. OTHER STRUCTURES: (Describe condition and use)

C.1.b The wood entrance door is rotted, unit should replace it..

C.2.c Investigate the ceiling in the main tower. It is sagging in the center and by stairs. If it is beyond your capability to repair, submit an SSMR.