

USCG LEVEL I RADIATION DETECTION BOARDING/INSPECTION SHEET

GENERAL INFORMATION

Once onboard vessel or at facility, recalibrate PRDs

Date:	PRD Operator:
Time:	Operator Contact #:
Boarding Officer:	PRD S/N:

Location¹

RADIATION ALARM READINGS

LOCATION OF ALARM(S)	GAMMA DOSE RATE (μ rem/hr) ²	NEUTRON COUNT RATE (cps) ³	DISTANCE FROM SOURCE (ft)

NOTES

- ¹ – Actual location of vessel or facility (e.g., Aboard M/V Shinto Maru at 45N, 36E)
² – μ rem/hr = microrem per hour
³ – cps = counts per second

RADIATION DETECTION FINDINGS

	YES	NO
1. Has the Source(s) been Located? If "NO", CALL FOR LEVEL II RAD SUPPORT.		
2. Is the Source in a Container? If "YES", provide Container Number, contents, and whether or not manifest lists radioactive materials present.		
3. Does the Source match the declaration, placarding, or shipping Manifest? If "NO", CALL FOR LEVEL II RAD SUPPORT.		
4. Is the Source located other than in a Container? If "YES", provide location and description.		
5. Has the Gamma and/or Neutron SMAC Level been exceeded? If "YES", CALL FOR LEVEL II RAD SUPPORT.		
6. Are there any doubts or reasons to suspect illicit radioactive material? If "Yes", explain below and CALL FOR LEVEL II RAD SUPPORT.		

7. Use remainder of this Table to further describe your findings (e.g., Does manifest documentation support legitimate radiation source shipment? If not, what does manifest state for the contents?):

ALARM AREA DESCRIPTIONS/DIAGRAMS

USE SPACE PROVIDED BELOW TO DESCRIBE AND DRAW THE ALARM AREAS: Describe the suspect area(s) of radioactive materials (e.g., cargo container, engine room, luggage, persons, cardboard box, pipe, etc., distance from source, shielding, labels, placards, material surrounding source including composition and thickness if known, etc.).

LEVEL I RAD CHECKLIST

- Complete General Information
- Once Onboard Vessel/Facility, Calibrate Background
- Complete Radiation Alarm Readings & Radiation Detection Findings Sections
- Brief Level II RAD team on findings if their support is required
- Enter appropriate Information in MISLE