

USCG LEVEL I RADIATION DETECTION BOARDING/INSPECTION SHEET

LEVEL I RAD CHECK LIST

Complete General Information (*Complete General Information; Level I Operators, and PRD Background Readings Sections below, plus following three checklist items*)

Complete Vessel/Facility Information (*utilize MISLE, PSIXS, ANOA and other CG Information data bases, plus available vessel/facility documents*)

Once Onboard Vessel/Facility, Calibrate Background

Brief Level II RAD team on findings if their support is required

Post-Boarding Action: Enter appropriate Information in MISLE

GENERAL INFORMATION

Once onboard vessel or at facility, calibrate PRDs and record Background Readings

LOCATION ¹ (*Include complete vessel/facility information here*)

DATE:

TIME:

CONTACT INFO: (*Who you are and how you can be contacted*)

LEVEL I RAD OPERATOR(S) [*Names of all BOs/BTMs with PRDs*]

1.

2.

3.

4.

5.

6.

PRD BACKGROUND READINGS

PRD S/N:	GAMMA ($\mu\text{rem/hr}$) ²	NEUTRON (cps) ³

PRD SMAC LEVEL 4

GAMMA	> 4,500 microrem/hr. ($\mu\text{rem/hr}$) or "OL" ⁵
NEUTRON	≥ 20 count per second (cps)

NOTES

¹ – Actual location of vessel or facility (e.g., Aboard M/V Shinto Maru at 45N, 36E).

² – $\mu\text{rem/Hr}$ = microrem per hour.

³ – cps = counts per second.

⁴ – SMAC Level is based on the measurement limitations of the PRD, not on exposure limits or health/safety hazards.

⁵ – "OL" = Over Load reading in PRD Display.

ALARM AREA DESCRIPTIONS/DIAGRAMS

(Not to Scale)