

USCG LEVEL II RADIATION DETECTION BOARDING/INSPECTION SHEET

GENERAL INFORMATION

| | |
|-------------------|--------------------------|
| Date: | Identifinder-U Operator: |
| Location: | Operator Contact #: |
| Boarding Officer: | Identifinder-U S/N: |

ID-U-PRE-OPERATIONAL CHECKLIST

LEVEL II BACKGROUND READINGS

| | |
|--|---|
| <p>Check Battery Voltage Level (<i>greater than 5.0 volts</i>)</p> <p>Erase Stored Spectrum</p> <p>Verify Date / Time Setting</p> <p>Confirm Identify Time Setting (<i>minimum 180 sec.</i>)</p> | <p>Gamma: _____ $\mu\text{rem/hr}$</p> <p>Neutron: _____ cps</p> <p>Spectrum File #: _____</p> <p>Notes:</p> |
| CONFIRMATION OF LEVEL I PRD ALARM | |
| Is Level I PRD alarm confirmed with Identifinder-U? | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |

LEVEL II SPECTRAL IDENTIFICATION DATA

RADIOISOTOPE IDENTIFICATION – FILE # _____

| | | |
|---------------------------------|--------------------|-----------------|
| Gamma: _____ $\mu\text{rem/hr}$ | Neutron: _____ cps | Distance: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Notes: | | |

RADIOISOTOPE IDENTIFICATION – FILE # _____

| | | |
|---------------------------------|--------------------|-----------------|
| Gamma: _____ $\mu\text{rem/hr}$ | Neutron: _____ cps | Distance: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Notes: | | |

RADIOISOTOPE IDENTIFICATION – FILE # _____

| | | |
|---------------------------------|--------------------|-----------------|
| Gamma: _____ $\mu\text{rem/hr}$ | Neutron: _____ cps | Distance: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Notes: | | |

RADIOISOTOPE IDENTIFICATION – FILE # _____

| | | |
|---------------------------------|--------------------|-----------------|
| Gamma: _____ $\mu\text{rem/hr}$ | Neutron: _____ cps | Distance: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Probability: _____ | Type: _____ | Isotope: _____ |
| Notes: | | |

NOTES

Are there any doubts or reasons for you to suspect illicit radioactive material? Yes No
 If "Yes" list the reason(s) and CALL CBP/LSS FOR SUPPORT:

REACHBACK

Notify Boarding Officer / OPCON
 Download Spectra
 Contact CBP/LSS

CBP/LSS COMMUNICATION ESSENTIALS

- Your name, contact information & agency
- Instrument Type (Identifinder-U)
- On-scene weather conditions (e.g. humidity, fog, rain, cloud cover)
- Background Gamma Dose Rate ($\mu\text{rem/hr}$) & Neutron Count Rate (cps) with Spectrum File #
- Each spectrum file in question with appropriate supporting data from Identifinder-U
- Distance from source at spectrum acquisition
- Description of source (if observable)
- Description/thickness of material surrounding source

CBP/LSS WORK CONTACT INFORMATION (703) 621-7711

LSS Rep. Name: _____ WorkCall Back Number: _____

LSS Rep. Work Email Address: _____

LSS Rep. Analysis & Recommendation:

ALARM RESOLUTION & RECOMMENDATION

Send Spectra to CBP/LSS for analysis
 BO / OPCON notified of results
 Recommendation / Resolution of alarm

POST-BOARDING ACTIONS

Submit FIR on all pertinent information
 Enter appropriate Information in MISLE