### Risk Assessment Code Matrix

<table>
<thead>
<tr>
<th>Probability Code</th>
<th>Severity Code</th>
<th>Catastrophic</th>
<th>Critical</th>
<th>Significant</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequent (A)</td>
<td>I</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Likely (B)</td>
<td>I</td>
<td>CRITICAL</td>
<td>SERIOUS</td>
<td>MODERATE</td>
<td>MINOR</td>
</tr>
<tr>
<td>Occasional (C)</td>
<td>I</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Rarely (D)</td>
<td>I</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

RAC levels are identified by a numerical scale 1 - 5, with RAC-1 being the most critical requiring immediate response, RAC-5 being the least critical. RACs are annotated by the RAC Number, followed by the Frequency and Severity. Examples of RAC annotations are 1(A)(I) for a RAC-1 that has catastrophic consequences and a immediate danger frequency. A 4(IV)(B) would be a low level risk, with a minor severity and a likely probability.

### Risk Assessment Code (RAC)

#### Severity Code
- **Catastrophic (I)**: Imminent and immediate danger of death or permanent disability.
- **Critical (II)**: Permanent partial disability, temporary total disability.
- **Significant (III)**: Hospitalized minor injury, reversible illness.
- **Minor (IV)**: First aid or minor medical treatment.

#### Hazard Probability
- **Frequent (A)**: Immediate danger to health and safety of the public, staff or property and resources.
- **Likely (B)**: Probably will occur in time if not corrected, or probably will occur one or more times.
- **Occasional (C)**: Possible to occur in time if not corrected.
- **Rarely (D)**: Unlikely to occur; may assume exposure, will not occur.

#### Definitions
- **Probability**: The likelihood that a hazard will result in a mishap or loss (Exposure in terms of time, proximity, and repetition).
- **Severity**: The worst credible consequence that can occur as a result of a hazard.
- **Hazard**: Any real or potential condition that can cause injury, illness or death of personnel, or loss and damage to equipment.
- **Risk**: An expression of possible loss in terms of severity and probability (associated with human interaction).