RISK ASSESSMENT

... A METHODOLOGY THAT ALLOWS TO ASSOCIATE ANY IDENTIFIED RISK WITH A FIGURE ON A RATING SCALE FOR COMPARISON PURPOSE AND IN ORDER TO PRIORITIZE ACTIONS

RISK ASSESSMENT

1. **IDENTIFICATION OF RISKS**

☐ **FOR SECURITY PURPOSE**

RISK = THREAT

☐ **THREATS ALWAYS TAKEN INTO CONSIDERATION IN ISPS CODE ARE:**
   - ✔ **PIRACY**
   - ✔ **TERRORISM**
   - ✔ **SMUGGLING**
   - ✔ **STOWAWAYS**

NOTE: MIGHT BE DEVIDED INTO AS MANY ITEMS AS DEEMED NECESSARY (FOR GUIDANCE SEE PART B, 8.9)

RISK ASSESSMENT

2. DEFINE METHODOLOGY

- DEFINE THE PARAMETERS / CRITERIA

- SCALE THE PARAMETERS / CRITERIA

- SET FORMULA FOR RATING

3. APPLY METHODOLOGY

- MATCH IDENTIFIED RISKS AGAINST THESE PARAMETERS / CRITERIA

- OBTAIN RATING FIGURES ACCORDING TO FORMULA

BUREAU VERITAS

RISK ASSESSMENT

4. POSSIBLE METHODOLOGY FOR ISPS

PARAMETERS / CRITERIA AND SCALING:

✔ **<u>PROBABILITY (P) = LIKELYHOOD OF OCCURRENCE</u>**
1 = EXTREMELY REMOTE
2 = REMOTE
3 = PROBABLE
4 = FREQUENT
5 = VERY FREQUENT

✔ **<u>CONSEQUENCE (C) = SEVERITY</u>**
1 = MINOR
2 = MODERATE
3 = MAJOR
4 = SEVERE
5 = CATASTROPHIC

✔ **<u>VULNERABILITY</u>**
1 = LOW
2 = MEDIUM
3 = HIGH
4 = VERY HIGH

RISK ASSESSMENT

4. POSSIBLE METHODOLOGY FOR ISPS

$$R = P \times C \times V$$

✔TERRORISM=[REMOTE PROBABILITY (P) 2] x [SEVERE CONSEQUENCE (C) 4] x [HIGH VULNERABILITY (V) 3] = 2 x 4 x 3 = 24

✔SMUGGLING=[VERY HIGH PROBABILITY (P) 5] x [MAJOR CONSEQUENCE (C) 3] x [HIGH VULNERABILITY (V) 3] = 5 x 3 x 3 = 45

RISK ASSESSMENT

5. PRIORITIZE ACTIONS

☐LIMITED RESSOURCES (MONEY, TIME, PEOPLE) HAVE TO MANAGE AN ENORMOUS WORKLOAD (OPERATION, ADMINISTATION, EMERGENCY PREPAREDNESS [SAFETY + SECURITY]) UNDER RESTTIME (STCW) AND WORKING HOURS (ILO) RESTRICTIONS
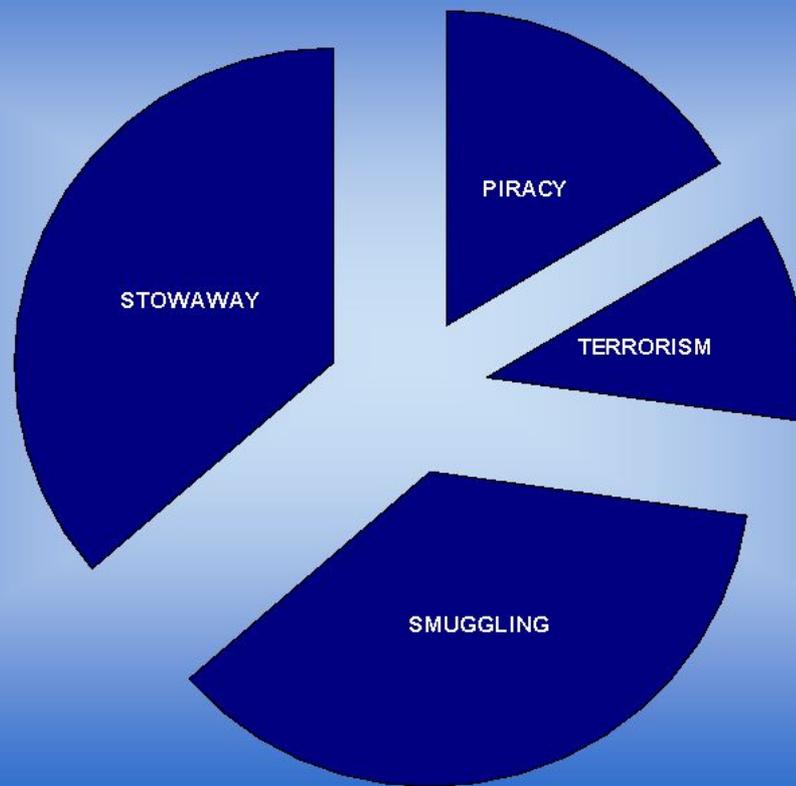
✔ACTIONS HAVE TO BE PRIORITIZED:

RATING:	1-20	21-40	41-60	61-80	81-100
ACTION:	NO	ON CASE BY CASE BASIS	IN DEFINED RISK AREAS	DAILY IN DEFINED RISK AREAS	DAILY IN ALL AREAS

BUREAU VERITAS

RISK ASSESSMENT

RISK RATING

PIRACY

STOWAWAY

TERRORISM

SMUGGLING

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