

TCDS CLASSIFIED INTEL

```
{
  "encabezado": {
    "sistema": "TCDS V25",
    "timestamp_generacion": "2025-12-15T10:00:44.628533+00:00"
  },
  "evento_fisico": {
    "id": "us6000ruxv",
    "region": "166 km SE of Petropavlovsk-Kamchatsky, Russia",
    "mag": 5.5,
    "lat": 51.9225,
    "lon": 160.2217,
    "dH": -0.8,
    "LI": 0.9,
    "estado": "PRE_ALERTA",
    "ts_origin": "2025-12-15T08:11:16.730Z"
  },
  "analisis_fisico_tcdis": {
    "entropia_dH": -0.8,
    "linealidad_LI": 0.9,
    "diagnostico_soldier": "PRE_ALERTA"
  },
  "contexto_ampliado": {
    "kp": 1.33,
    "volcan": "NONE"
  },
  "valoracion_estrategica": {
    "riesgo_score": 55,
    "nivel_alerta": "ALERTA NARANJA",
    "detalles_riesgo": [
      "INESTABILIDAD",
      "SYNTH_VALID(97.71%)",
      "MATCH_HISTORICO"
    ]
  },
  "validacion_sintetica": {
    "robustez_index": 97.71,
    "nube": [
      [
        0.05647687518748761,
        0.3705893634388535
      ],
      [
        0.06562099165345221,
        0.3180167580519014
      ],
      [
        0.10245859501276487,
        0.16573054840188195
      ],
      [
        -0.10680077216335233,
        0.20926229147167713
      ],
      [
        0.08213307947929638,
        0.17901613915153752
      ],
      [
        -0.08465357466391837,
        0.19245016161024897
      ],
      [
        0.023785604959734308,
        0.0026505785871716817
      ],
      [
        0.2584661440546915,
        0.06702070198189057
      ]
    ]
  }
}
```