# 2D Seismic Surveys

**Title:** Seismic2D

**Custodian**: National Offshore Petroleum Titles Administrator, Geoscience Australia

**Description:** This dataset shows acquired 2D Seismic Surveys lines. 2D Seismic Surveys (post-2012) are reported to NOPTA under the Offshore Petroleum Greenhouse Gas Storage Act 2006. Pre-NOPTA (before 2012) and aspatial data on 2D surveys is taken from the National Offshore Petroleum Information Management System (NOPIMS). 2D Surveys are spatially represented by their post-plot navigation. That is the actual survey data acquired and not the planned or pre-plot navigation.

**Spatial Jurisdiction:** Australian Offshore Area

**Spatial Reference:** Geographic GDA1994

**Geographic Extent:** The geographical extent is approximately between the latitude limits of:

**North Bounding Latitude:** 39.70°

**South Bounding Latitude:** -60.87°

**West Bounding Longitude:** -176.41°

**East Bounding Longitude:** 177.20°

**Contact Us:** Geospatial and Web Services, email: geospatial@nopta.gov.au

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| --- | --- | --- | --- |
| **Field Name** | **Alias** | **Data Type** | **Description** |
| FID | OBJECTID | ObjectID | Unique Identifier for each record in the dataset |
| Shape | Shape | Geometry | Geometry Type (point, line, polygon) |
| SurveyID | SurveyID | Text | Unique identifier for the seismic survey |
| SurveyName | SurveyName | Text | Name of the seismic survey |
| AcqutID | AcquisitionID | Text | Unique identifier for the seismic survey acquisition |
| AcqutName | AcquisitionName | Text | Name of the seismic survey acquisition |
| Alias | Alias | Text | Another name that the seismic survey might be known by |
| Type | Type | Text | The kind of seismic survey or data being collected |
| LinePrefix | LinePrefix | Text | Prefix added to the name of seismic lines for easier identification |
| Line | Line | Text | The specific seismic line identifier within the survey |
| FirstShotP | FirstShotPoint | Text | The first recorded shot point along the seismic line |
| LastShotP | LastShotPoint | Text | The last recorded shot point along the seismic line |
| StartDate | StartDate | Date | The date when data acquisition began |
| EndDate | EndDate | Date | The date when data acquisition ended |
| Operator | Operator | Text | The company responsible for managing and operating the seismic survey |
| Contractor | Contractor | Text | The company hired to perform the seismic data acquisition on behalf of the operator |
| Basins | Basins | Text | The geological basin in which the seismic survey was captured |
| TerrainTyp | TerrainType | Text | Indicates where the seismic survey is located (onshore, offshore, both) |
| BRlvDate | BasicRelevantDate | Date | The date when the most basic relevant data about the survey was gathered or confirmed |
| IntRlvDate | InterpRelevantDate | Date | The date when the interpreted survey was completed |
| BRlsDate | BasicReleaseDate | Date | The date when the basic survey was released or made public |
| IntRlsDate | InterpReleaseDate | Date | The date when the interpreted survey was made public |
| Legislatn | Legislation | Text | The legislation under which the survey was captured |
| TotLineLng | TotalLineLength | Double | The total length of the seismic line(s) in kilometres |
| ExclStatus | ExclusivityStatus | Text | Specifies whether the survey is available to a single client or to multiple clients under a shared agreement |
| Vessel | Vessel | Text | Name of the vessel used for marine seismic data acquisition |
| Comments | Comments | Text | Extra notes or information about the well |