

Maritime Aid to Navigation



Transport
for NSW



OFFICIAL

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1 Maritime Aid to Navigation API

This API provides aids to maritime navigation. It includes channel markers both private and public for maritime navigation.

Response includes json, kml, csv and shp format.

2 Data Structure

maritime_aids_to_navigation

Field Name	Data Type	Field Description
AID_TO_NAVIGATION_TYPE	string	Description of the type of the feature
ASSET_OWNER	string	Owner of the feature (if known)
MARITIME_ASSET_ID	string	RMS asset identifier; null if not an RMS asset
POSITION_ACCURACY	string	Description of positional accuracy of the feature (if known)
PUBLISH_DATE	date	Date data last updated as Open Data
SYMBOL	string	Reference to symbol number in the RMS boating-map symbol catalogue

Sample feed

```
{
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "geometry": {
        "type": "Point",
        "coordinates": [
```

```
151.246006,  
-33.802767  
]  
},  
"properties": {  
  "cartodb_id": 68005,  
  "aid_to_navigation_type": "Lit Port Beacon No Top Mark",  
  "asset_owner": "Transport (Roads)",  
  "maritime_asset_id": null,  
  "position_accuracy": "Unknown",  
  "crc": "679096DB4458B6A4",  
  "publish_date": 20230801,  
  "symbol": "311",  
  "ref_id": 77631  
}  
},  
{  
  "type": "Feature",  
  "geometry": {  
    "type": "Point",  
    "coordinates": [  
      149.886853,  
      -36.969456  
    ]  
  },  
  "properties": {  
    "cartodb_id": 68006,  
    "aid_to_navigation_type": "Lit Starboard Beacon No Top Mark",  
    "asset_owner": "Transport (Maritime)",  
    "maritime_asset_id": "SPL017",  
    "position_accuracy": "Unknown",  
    "crc": "4DDE234866F6F91C",  
    "publish_date": 20230801,  
    "symbol": "301",  
    "ref_id": 76295
```

```
}  
,  
{  
  "type": "Feature",  
  "geometry": {  
    "type": "Point",  
    "coordinates": [  
      153.088355,  
      -30.37487  
    ]  
  },  
  "properties": {  
    "cartodb_id": 68007,  
    "aid_to_navigation_type": "Starboard Aqua Buoy",  
    "asset_owner": "Transport (Maritime)",  
    "maritime_asset_id": "NBC011",  
    "position_accuracy": "Contractor (Non Differential Corrected GPS)",  
    "crc": "EE37CD08B670F8DF",  
    "publish_date": 20230801,  
    "symbol": "403",  
    "ref_id": 79185  
  }  
},  
{  
  "type": "Feature",  
  "geometry": {  
    "type": "Point",  
    "coordinates": [  
      151.738523,  
      -32.874995  
    ]  
  },  
}
```