Acknowledgement of Country

Transport for NSW acknowledges the traditional custodians of the land on which we work and live.

We pay our respects to Elders past and present and celebrate the diversity of Aboriginal people and their ongoing cultures and connections to the lands and waters of NSW.

Many of the transport routes we use today – from rail lines, to roads, to water crossings – follow the traditional Songlines, trade routes and ceremonial paths in Country that our nation's First Peoples followed for tens of thousands of years.

Transport for NSW is committed to honouring Aboriginal peoples' cultural and spiritual connections to the lands, waters and seas and their rich contribution to society.

**Transport
Open Data**

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Document control

Authors	Open Data & Innovation
Document owner	NSW Maritime
Approved by	Director NSW Maritime
Document number	v1.0
Branch	NSW Maritime
Division	Coordinator General

Versions

Version	Amendment notes
v1.0	Initial documentation

1. Definitions

Term	Definition
Courtesy moorings	Pink buoys are provided free of charge at popular boating destinations to enable the boating public to moor vessels (max displacement of 20 tonnes) for up to 24 hours.
Emergency moorings	Blue buoys are used by police or Transport for NSW staff to store vessels in emergencies. Unauthorised use is prohibited.

2. Maritime NSW Public Moorings

This dataset includes spatial datasets of Maritime NSW Public Moorings locations in the following formats:

- csv
- geoJSON
- JSON
- kml
- shapefile

In addition to, an interactive map showing the locations of courtesy and emergency moorings owned and maintained by Transport for NSW Maritime.

Data will be updated as required.

3. Data Structure

3.1 Maritime NSW Public Moorings

Field Name	Data Type	Field Description
Maritime_asset_id	String	Transport for NSW asset identifier; null if not a Transport for NSW asset.
Description	String	Combines the purpose, location and summary of conditions of use.
Purpose	String	Purpose of the mooring. There are two options: - Courtesy Mooring (pink buoys) - Emergency Mooring (blue buoys)
Conditions of Use	String	Explains the conditions under which the mooring can be used.

Field Name	Data Type	Field Description
Type	String	Type of mooring buoys. There are five options: - Pink AB1300 Public Mooring - Pink Beehive Public Mooring - Pink Tyre Public Mooring - Blue AB1300 Emerg Police - Blue Beehive Emerg Police
Environmentally_friendly_mooring	String	Whether the mooring apparatus is environmentally friendly or not. Can be null.
Asset_owner	String	Owner of the feature.

3.2 Sample CSV Feed

maritime_asset_id	description	purpose	conditions_of_use	type	asset_owner	efm
CMH086	Emergency Mooring, Beauty Pt. | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
NPS160	Courtesy Mooring, Broughton Island | COURTESY 24HR	Courtesy Mooring	Max 24 hrs, max vessel displacement 20 tonnes	Pink Beehive Public Mooring	Transport (Maritime)	
SBB041	Emergency Mooring, East of Bridge | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
CPH108	Emergency Mooring, Lilli Pilli Baths | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
NLM197	Emergency Mooring, Wyee Bay.Vales Poin | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
SSI057	Courtesy Mooring, Entr. Sussex Inlet | COURTESY 24HR	Courtesy Mooring	Max 24 hrs, max vessel displacement 20 tonnes	Pink Beehive Public Mooring	Transport (Maritime)	
CBC735	Courtesy Mooring, Deep Bay | COURTESY 24HR	Courtesy Mooring	Max 24 hrs, max vessel displacement 20 tonnes	Pink Beehive Public Mooring	Transport (Maritime)	
NPS190	Emergency Mooring, Tilligerry Ck | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
CPR828	Emergency Mooring, Morrisons Bay | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
CMH115	Courtesy Mooring, Camp Cove | COURTESY 24HR	Courtesy Mooring	Max 24 hrs, max vessel displacement 20 tonnes	Pink Beehive Public Mooring	Transport (Maritime)	
NLM233	Emergency Mooring, Kooroora Bay | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
CPJ430	Emergency Mooring, Wrights Pt | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	
CUG240	Emergency Mooring, East Hills | EMERGENCY	Emergency Mooring	Unauthorised use prohibited	Blue Beehive Emerg Police	Transport (Maritime)	

3.3 Sample JSON Feed

```
{        "json_featuretype" : "MaritimePublicMooring",

                "maritime_asset_id" : "CMH086",

                "description" : "Emergency Mooring, Beauty Pt. | EMERGENCY",

                "purpose" : "Emergency Mooring",

                "conditions_of_use" : "Unauthorised use prohibited",

                "type" : "Blue Beehive Emerg Police",

                "asset_owner" : "Transport (Maritime)",

                "efm" : null,

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Lambert\",GEOGCS[\"GDA2020\",DATUM[\"Geocentric_Datum_of_Australia_2020\",SPHEROID[\"GRS
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35.75],PARAMETER[\"false_easting\",9300000],PARAMETER[\"false_northing\",4500000],UNIT[\"metre\",1,AUTHORITY[\"EPSG\",\"90
01\"]],AXIS[\"Easting\",EAST],AXIS[\"Northing\",NORTH],AUTHORITY[\"EPSG\",\"8058\"]]",

                "json_geometry" : {

                        "type" : "Point",

                        "coordinates" : [ 9691742.1529007293, 4430063.2788030487 ]

                }
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3.4   Interactive Map