Change Notice # 247 Advisory Notice



Vicmap Hydro

# What is happening

A table HY\_WATER\_AREA\_FUZZY is to be added to Vicmap Hydro.

The table will hold polygons depicting indicative extents of the area of the hydro feature.

The table has previously been located within the Vicmap Features of Interest Product as Geo\_Area\_Hydro\_Label. This data will be replicated in the Geomark tables.

The Geo\_area\_hydro table will be retired.

Data improvements include feature type modification, graphic alignments, new feature types.

**Note**

HY\_WATER\_AREA\_FUZZY is primarily used for the depiction and position of name labels for map display purposes. The table should not be used for spatial analysis such as area statements and unlike Geomark the HY\_WATER\_AREA\_FUZZY table will hold a scale\_use\_code.

Data Structure

|  |  |  |
| --- | --- | --- |
| Column Name | Data type | Mandatory |
| UFI | NUMBER (9) | Y |
| PFI | NUMBER (9) | Y |
| FEATURE\_ID | NUMBER (9) | Y |





|  |  |  |
| --- | --- | --- |
| PARENT\_FEATURE\_ID | NUMBER (9) | N |
| FEATURE\_TYPE | VARCHAR2 (30) | Y |
| FEATURE\_SUBTYPE | VARCHAR2 (30) | Y |
| NAME | VARCHAR2 (100) | N |
| NAME\_LABEL | VARCHAR2 (100) | N |
| PARENT\_NAME | VARCHAR2 (100) | N |
| AUTH\_ORG\_CODE | VARCHAR2 (4) | N |
| AUTH\_ORG\_ID | VARCHAR2 (30) | N |
| AUTH\_ORG\_VERIFIED | DATE | N |
| VICNAMES\_ID | NUMBER (9) | N |
| VICNAMES\_STATUS\_CODE | VARCHAR2 (2) | N |
| STATE | VARCHAR2 (3) | Y |
| SCALE\_USE\_CODE | VARCHAR2 (1) | N |
| CREATE\_DATE\_PFI | DATE | Y |
| SUPERCEDED\_PFI | NUMBER (9) | Y |
| CREATE\_DATE\_UFI | DATE | Y |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***feature type*** |  | **What is happening** | **Number of records** | **Reason** |
| bay |  |  | 232 |  |
| beach |  |  | 193 |  |
| bend | NEWterm | records to be moved to ‘bend’ from ‘watercourse’ | 75 | Feature type is better described |
| entrance | NEWterm | records to be moved to ‘entrance’ from ‘marine\_place’ | 2 |  |
| inlet | NEWterm | records to be moved to ‘inlet’ from ‘watercourse’ or ‘waterbody’ | 73 | Feature type is better described. |
| Island group | NEWterm | records to be moved to VMINDEX.FRAMEWORK\_AREA\_POLYGON | 5 | Feature type is more relevant to the VMINDEX Product |
| passage | NEWterm | records to be moved to ‘passage’ from ‘marine\_place’ | 18 | Feature type is better described |
| reach | NEWterm | records to be moved to ‘reach’ from ‘watercourse’ | 18 | Feature type is better described |
| sea |  |  | 3 |  |

The Vicmap feature catalogue (VMREFTAB.FEATURE\_CATALOGUE) holds feature terminology utilised by Vicmap.

The feature terminology should align with national feature terms wherever practical. The file can be downloaded from <http://services.land.vic.gov.au/reftab/>

|  |  |  |
| --- | --- | --- |
| **FEATURE** | **FEATURE****definition** | **included terms** |
| BEND | A curve in the course of a STREAM | Meander, Loop |
| ENTRANCE | A passageway into enclosed waters |  |
| INLET | A small indentation in a waterline usually tapering towards its head | Arm |
| ISLAND GROUP | A group of Islands often with a common name which covers the group. The Islands may have their own individual names. The island group can anycombination of rocks, reefs, islets and islands names. | Archipelago |
| PASSAGE | A navigable route, specifically one through REEFS, ISLANDS, LANDS or shallow waters | Strait, Rip, Narrows |
| REACH | A straight portion of WATERCOURSE from one BEND to another |  |


# Why this change is occurring

Adding the HY\_WATER\_AREA\_FUZZY to Vicmap Hydro will group it with like features enhancing maintenance and searchability within Vicmap.

New feature types have been created to better describe records.

# Please note

A further Change Notice will be created to add a similar table EL\_RELIEF\_AREA\_FUZZY to Vicmap Elevation. The table is currently located within the Vicmap Features of Interest Product as Geo\_Area\_Hydro\_Label.

# Who will it affect?

All Vicmap users, particularly those using: Vicmap Hydro, Vicmap Features of Interest, Vicmap Index, VMREFTAB.FEATURE\_CATALOGUE and/or Geomark.

# When the change will occur

The HY\_WATER\_AREA\_FUZZY table is created and populated.

The data is replicated in Geomark.

The Geo\_area\_hydro table will be retired after 05/05/2020.

For Vicmap Product change notices and bulletins, go to the [News and Bulletins](http://www.delwp.vic.gov.au/parks-forests-and-crown-land/spatial-data-and-resources/news-and-bulletins) page. For further information & feedback please email Vicmap.help@delwp.vic.gov.au

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