



TOBIN CULTURE CODES USED FOR ARC/INFO ATTRIBUTE ITEMS

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ABSTRACT

This document defines codes used for ARC/INFO attribute items.

ABSTRACT *

CLASS & TYPE CODES *

- Class 1 -- Survey Data *
- Class 2 -- Political Boundaries *
- Class 3 -- Ocean features *
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- Class 5 -- Shorelines *
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- Class 7 -- Man-made watercourses *
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- Class 15 -- Miscellaneous road features *
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- Class 23 -- Electrical power features *
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ARCTYPE & NODETYPE CODES *

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Appendix A 1.3 (State Codes) is contained in [tobin_v13state.doc](#) *

Appendix B 1.5 (County Codes) is contained in [tobin_v15cnty.doc](#) *

Appendix C 1.4 (TOBIN Meridian Codes) is contained in [tobin_v14tobinmc.doc](#) *



CLASS & TYPE CODES

The following defines the class and type codes used throughout the TOBIN data sets. The codes associated with culture data are directly translatable to the DLG major and minor attribute codes for culture.

Class 1 -- Survey Data

1	jeffersonian township
2	jeffersonian section
3	texas block
4	texas section
5	texas abstract
6	offshore area
7	offshore block
8	carter township
9	carter section
10	dominion township
11	dominion section
12	jeffersonian county section
13	texas grantee
14	jeffersonian county township
15	carter county section
16	carter county township
17	jeffersonian Lots
18	Texas Lots
19	ocs lots
20	bay tracts
21	jeffersonian Quarters
22	texas junior survey abstract
23	texas junior survey section
24	texas junior survey grantee
25	texas junior survey block
26	texas subdivision
27	texas labor
80	unsurvey area
99	culture area in survey

Class 2 -- Political Boundaries

0	Null
1	State
2	county
3	district
4	city



5	unknown
6	Railroad District
8	Unincorporated area
9	Civil Township
10	Borough (Not ALASKA)
11	Purchases
12	Locations
13	Grant
15	City & County of ...

Class 3 -- Ocean features

0	Ocean, bays, estuary, gulf, or sea
5	Danger curve
8	Sounding datum
11	Low-water line
14	Beach
20	Flats (tidal, mud, sand, or gravel)
25	Shoal
30	Rock or group of rocks
31	" , submerged
35	Coral reef or rock reef
36	" , exposed at low water
40	Sand in open water
50	Channel or boat trail
51	" , navigable
52	Gut
60	Harbor
65	Carolina bay
70	Obstruction area in water area
75	Spoil area, dredged area, or dump area
80	Holiday area

Class 4 -- Lake features

0	Lake or pond
1	" , salt
2	" , intermittent
3	" , dry
10	Reservoir
20	Area to be submerged
30	Inundation area
40	Gravel pit or quarry filled with water
50	Industrial water impoundment
60	Sewage disposal pond or filtration plant
70	Tailings pond or settling basin



Class 5 – Shorelines

0	Shoreline
1	" , intermittent
20	Man-made shoreline
40	Indefinite shoreline
60	Apparent shoreline

Class 6 -- River features

0	River
1	" , intermittent
2	" , submerged
10	River mile mark
20	Stream
21	" , intermittent
22	" , submerged
30	Wash or ephemeral drain
40	Braided stream
50	Rapids
55	Falls
60	Upper origin of stream
61	Upper origin of stream at water body
62	Stream entering water body
63	Stream exiting water body
64	Sink
70	Spring or seep
71	" , hot or mineral
80	Non-flowing well
81	" , dry
82	" , hot or mineral
83	" , salt
90	Flowing well
91	" , intermittent
92	" , hot or mineral

Class 7 -- Man-made watercourses

0	Dam or weir
1	" , earthen construction
2	" , carrying a road
3	" , earthen construction and carrying a road
10	Spillway
15	Gate (flood, tidal, head, or check)
20	Canal or ditch
21	" , navigable

22	" , intermittent
23	" , abandoned
30	Canal lock or sluice gate
35	Levee
40	Gaging station
43	Pumping station
46	Water intake
50	Aqueduct or water tunnel
51	" , elevated
52	" , overpassing
53	" , in tunnel
54	" , underground
55	" , abandoned
60	Flume
61	" , elevated
62	" , abandoned
65	Penstock
66	" , in tunnel
70	Siphon
71	" , overpassing
72	" , underpassing
75	Riser
80	Fish ladder
85	Windmill
86	" , dry
87	" , salt
90	Cistern
95	Covered reservoir

Class 8 -- Special-Use water features

0	Salt evaporator
10	Soda evaporator
20	Fish hatchery, fish farm, or fish pond
30	Duck pond
40	Rice field
50	Cranberry bog

Class 9 -- Miscellaneous hydrography

0	Marsh, wetland, swamp, or bog
1	" , submerged
2	" , wooded
3	" , submerged and wooded
4	" , salt
5	" , submerged and salt



20	Mangrove area
40	Glacier or snowfield
50	Glacial crevasse
60	Geyser or vent
70	Alkali flat

Class 12 -- Roads

10	Class 1 road
11	" , elevated
12	" , on drawbridge
13	" , in tunnel
14	" , overpassing
15	" , underpassing
20	Class 2 road
21	" , elevated
22	" , on drawbridge
23	" , in tunnel
24	" , overpassing
25	" , underpassing
30	Class 3 road
31	" , elevated
32	" , on drawbridge
33	" , in tunnel
34	" , overpassing
35	" , underpassing
36	" , in service facility
40	Class 4 road
41	" , underpassing
42	" , in ford
43	" , in service facility
50	Class 5 road
51	" , 4-wheel drive
52	" , old railroad grade
53	" , in ford
70	Road in transition
75	Nonstandard section of road
80	Cloverleaf or interchange
85	Traffic circle
90	Crossing

Class 13 -- Ends of roads

0	Gate
10	Cul-de-sac
20	Dead end



Class 14 -- Bridges, Tunnels, etc.

0	Bridge abutment
10	Drawbridge
20	Covered bridge
30	Footbridge
40	Road ferry crossing
50	Tunnel portal

Class 15 -- Miscellaneous road features

0	Perimeter of parking area
10	Toll gate or toll plaza
20	Weigh station or agricultural inspection station

Class 18 -- Railroad tracks

0	Railroad
1	" , underpassing
2	" , overpassing
3	" , in snowshed
5	" , elevated
6	" , on drawbridge
20	Siding or spur
21	" , underpassing
22	" , overpassing
23	" , in tunnel
24	" , in snowshed
25	" , elevated
26	" , on drawbridge
40	Carline
41	" , abandoned
42	" , dismantled
50	Cog railroad, incline railway, or logging tram
51	" , abandoned
52	" , dismantled
60	Crossover

Class 19 -- Yards and stations

0	Yard
10	Turntable
20	Roundhouse
30	Railroad station

Class 20 -- Miscellaneous railroad features



0	Bridge abutment
10	Tunnel portal
20	Drawbridge
30	Railroad ferry crossing

Class 23 -- Electrical power features

0	Power transmission line
1	" , underground
20	Tower on transmission line
40	End of transmission line at power station, substation, or hydroelectric plant
60	Power station
61	Nuclear power station
70	Hydroelectric Plant
80	Substation

Class 24 -- Oil and Gas features

0	Pipeline
1	" , above ground
2	" , submerged
20	End of pipeline at oil or gas field
30	End of pipeline at refinery, depot, or tank farm
50	Pumping station or compressor station
60	Measuring station or valve station

Class 25 -- Miscellaneous transportation features

0	Telephone or telegraph line
20	Aerial tramway, monorail, ski lift
40	Bridge
50	Tunnel

Class 26 -- Aviation features

0	Airport or landing strip
1	" , unimproved surface
30	Heliport
60	Seaplane anchorage
70	Seaplane ramp or seaplane landing area
90	Launch complex

Class 27 -- Boundaries

0	null
1	state & national parks & forests
2	military reservation



3	indian reservation
4	wildlife management areas
5	grants, ranchos, & others
6	federal reservations
7	state reservations
8	unknown, other

Class 28 – Buildings

0	null
1	building
2	cemetery
3	church
4	hospital
5	locale
6	mine
7	oilfield
8	other
9	populated place
10	school
11	tower

Class 29 -- Other natural features

0	Null
1	Island
3	Plain
4	Range
5	Ridge
6	Summit
7	Valley
8	Woods
9	Other
10	Unknown
21	Arch
22	Benchmark
23	Bend
24	Cape
25	Cave
26	Cliff
27	Crater
28	Flat
29	Gap
30	Isthmus
31	Lava
33	Pillar



34	Basin
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ARCTYPE & NODETYPE CODES

The following codes are used in the ARCTYPE variables:

?	Hidden
0	Unknown
1	Surveyed
2	Projected
3	Generated
4	General Land Office
5	Other

MAPSOURCE CODES

The following codes are used in the MAPSOURCE variable:

0	Unknown
1	O&G Comm.
2	BLM
3	Forest Service
4	USGS 7.5
5	MMS
6	USGS 15'
7	USGS DLG 1:24K
8	General Land Office

NODETYPE CODES

The NODETYPE codes are a combination of the ARCTYPE codes and the MAPSOURCE codes (both defined above). The NODETYPE code is generated by taking the MAPSOURCE code times 10 and adding the ARCTYPE code.

For example, a NODETYPE code of 41 implies the node was digitized from a USGS 7.5' map and was a surveyed point.

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