

Tobin Map Data Products:
Shapefile Format Data Structures and Attribute Comparison



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Introduction

This document presents the data and field comparison between legacy (created prior to 7/1/05) and new (post 7/1/05) Tobin survey shapefile formats. Each feature class in the shapefile will be compared, and the name, type, width, and decimal (where applicable) will be described. Please refer to the **File Naming Standards** document for more information.

NOTE: The DBF format has several restrictions that often cause a change to the table structure. DBF files have a limit of 10 characters for field names and special characters like '#' and '-' which cannot be used in field names. The following section includes tables that list the field definitions for the attributes.

Straight Line Hierarchy

Please refer to the **Tobin Straight-Line Hierarchy** for a detailed view of the Hierarchy Layers as they apply to Tobin Map Data products.

Tobin Survey Shapefile Attribute Comparisons by Layer

.E00 Shapefile Annotation Attributes

In addition to the attributes specified for each layer in the following tables (State, County, JCTYTWP, etc...), each shapefile is shipped with an annotation export file (anno.e00) which includes the following annotation attributes (See **.E00 Attributes from the annotation export file shipped with shapefiles** table below).

.E00 Attributes from the annotation export file shipped with shapefiles

As Of 10/01/2005						
	NAME	WIDTH	Output	TYPE	DEC.	
<Stctycode>Anno.e00 (ex: al001anno.e00)	* SUR#	4	5	B	0	
	* SUR-ID	4	5	B	0	
	TEXT	40	40	C	0	
	STATE	2	4	B	0	
	COUNTY	2	4	B	0	
	STCTY	4	5	B	0	
	ANNOTYPE	1	1	C	0	
	ANNO_REL	11	11	I	0	
	OBJECT_ID	11	11	I	0	
	MODDATE	8	10	D	0	

***Note:** The first two fields (SUR# and SUR-ID in the example below) will change per layer.

***Note:** Grantee is part of the abstract layer so there is no separate delineation.



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COUNTY

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
COUNTY	AREA	F	20	5	COUNTY	SNAME	C	20	0	
	PERIMETER	F	20	5		CNAME	C	40	0	
	COUNTY_	N	11			STATE	N	2	0	
	COUNTY_ID	N	11			COUNTY	N	3	0	
	CLASS	N	6			CLASS	N	2	0	
	TYPE	N	6			TYPE	N	2	0	
	STATE	N	2			STCTY	N	5	0	
	COUNTY	N	3			PARENT_ID	N	11	0	
	SNAME	C	2			PARENT_CL	N	2	0	
	CNAME	C	40			PARENT_TY	N	2	0	
	MODDATE	N	11			OBJECT_ID	N	11	0	
	STCTY	N	11			MODDATE	D	8	0	
	MAINT_ID	N	11							
	OBJECT_ID	N	11							
COUNTY ANNO	AREA	F	20	5	COUNTY ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	COUNTY_A_	N	11			COUNTY	N	3	0	
	COUNTY_A_I	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



STATE

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
STATE as Polygon	AREA	F	20	5	STATE	SNAME	C	20	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	STATE_	N	11			CLASS	N	2	0	
	STATE_ID	N	11			TYPE	N	2	0	
	CLASS	N	6			OBJECT_ID	N	11	0	
	TYPE	N	6							
	STATE	N	2							
	SNAME	C	2							
	MAINT_ID	N	11							
OBJECT_ID	N	11								
STATE as Polygon ANNO	AREA	F	20	5	STATE ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	STATE_A_	N	11			ANNO_TYPE	C	1	0	
	STATE_A_ID	N	11			ANNO_REL	N	11	0	
	HEIGHT	F	20	5		OBJECT_ID	N	11	0	
	SYMBOL	N	11			MODDATE	D	8	0	
	LEVEL	N	11							
	TEXT	C	40							



CCTYSEC (Carter County Section)

LEGACY					As Of 10/01/2005				
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.
CCTYSEC	AREA	F	20	5	CCTYSEC	MTR	C	20	0
	PERIMETER	F	20	5		SECT	C	8	0
	CTYSEC_	N	11			RDIR	C	1	0
	CTYSEC_ID	N	11			CRNG	C	5	0
	CLASS	N	6			TDIR	C	1	0
	TYPE	N	6			CTWP	C	5	0
	STATE	N	2			MERIDIAN	N	3	0
	COUNTY	N	3			STATE	N	2	0
	MERIDIAN	N	3			COUNTY	N	3	0
	CTWP	C	5			CLASS	N	2	0
	TDIR	C	1			TYPE	N	2	0
	CRNG	C	5			STCTY	N	5	0
	RDIR	C	1			NTWP	N	4	0
	SECT	C	8			NRNG	N	4	0
	MODDATE	N	11			PARENT_ID	N	11	0
	STCTY	N	11			PARENT_CL	N	2	0
	NTWP	N	6			PARENT_TY	N	2	0
	NRNG	N	6			OBJECT_ID	N	11	0
	MAINT_ID	N	11			MODDATE	D	8	0
	OBJECT_ID	N	11						
CCTYSEC ANNO	AREA	F	20	5	CCTYSEC ANNO	TEXT	C	40	0
	PERIMETER	F	20	5		STATE	N	2	0
	CTYSEC_A_	N	11			COUNTY	N	3	0
	CTYSEC_A_I	N	11			STCTY	N	5	0
	HEIGHT	F	20	5		ANNOTYPE	C	1	0
	SYMBOL	N	11			ANNO_REL	N	11	0
	LEVEL	N	11			OBJECT_ID	N	11	0
	TEXT	C	40			MODDATE	D	8	0



CCTYTWP (Carter County Township)

LEGACY					As Of 10/01/2005				
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.
CCTYTWP	AREA	F	20	5	CCTYTWP	MTR	C	20	0
	PERIMETER	F	20	5		RDIR	C	1	0
	CTYTWP_	N	11			CRNG	C	5	0
	CTYTWP_ID	N	11			TDIR	C	1	0
	CLASS	N	6			CTWP	C	5	0
	TYPE	N	6			MERIDIAN	N	3	0
	STATE	N	2			STATE	N	2	0
	COUNTY	N	3			COUNTY	N	3	0
	MERIDIAN	N	3			CLASS	N	2	0
	CTWP	C	5			TYPE	N	2	0
	TDIR	C	1			STCTY	N	5	0
	CRNG	C	5			NTWP	N	4	0
	RDIR	C	1			NRNG	N	4	0
	STCTY	N	11			PARENT_ID	N	11	0
	MAINT_ID	N	11			PARENT_CL	N	2	0
OBJECT_ID	N	11		PARENT_TY	N	2	0		
				OBJECT_ID	N	11	0		
CCTYTWP ANNO	AREA	F	20	5	CCTYTWP ANNO	TEXT	C	40	0
	PERIMETER	F	20	5		STATE	N	2	0
	CTYTWP_A_	N	11			COUNTY	N	3	0
	CTYTWP_A_I	N	11			STCTY	N	5	0
	HEIGHT	F	20	5		ANNOTYPE	C	1	0
	SYMBOL	N	11			ANNO_REL	N	11	0
	LEVEL	N	11			OBJECT_ID	N	11	0
	TEXT	C	40			MODDATE	D	8	0



JCTYTWP (Jeffersonian County Township)

LEGACY					As Of 10/01/2005				
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.
JCTYTWP	AREA	F	20	5	JCTYTWP	MTR	C	20	0
	PERIMETER	F	20	5		RDIR	C	1	0
	CTYTWP_	N	11			RNG	N	7	2
	CTYTWP_ID	N	11			TDIR	C	1	0
	CLASS	N	6			TWP	N	7	2
	TYPE	N	6			LGNT	N	4	0
	STATE	N	2			MERIDIAN	N	3	0
	COUNTY	N	3			STATE	N	2	0
	LGNT	N	4			COUNTY	N	3	0
	MERIDIAN	N	3			CLASS	N	2	0
	TWP	N	5	1		TYPE	N	2	0
	TDIR	C	1			STCTY	N	5	0
	RNG	N	5	1		NTWP	N	4	0
	RDIR	C	1			NRNG	N	4	0
	STCTY	N	11			PARENT_ID	N	11	0
	NTWP	N	6			PARENT_CL	N	2	0
	NRNG	N	6			PARENT_TY	N	2	0
	MAINT_ID	N	11			OBJECT_ID	N	11	0
OBJECT_ID	N	11							
JCTYTWP ANNO	AREA	F	20	5	JCTYTWP ANNO	TEXT	C	40	0
	PERIMETER	F	20	5		STATE	N	2	0
	CTYTWP_A_	N	11			COUNTY	N	3	0
	CTYTWP_A_I	N	11			STCTY	N	5	0
	HEIGHT	F	20	5		ANNOTYPE	C	1	0
	SYMBOL	N	11			ANNO_REL	N	11	0
	LEVEL	N	11			OBJECT_ID	N	11	0
	TEXT	C	40			MODDATE	D	8	0



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JCTYSEC (Jeffersonian County Section)

LEGACY					As Of 10/01/2005				
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.
JCTYSEC	AREA	F	20	5	JCTYSEC	MTR	C	20	0
	PERIMETER	F	20	5		SECT	C	8	0
	CTYSEC_	N	11			RDIR	C	1	0
	CTYSEC_ID	N	11			RNG	N	7	2
	CLASS	N	6			TDIR	C	1	0
	TYPE	N	6			TWP	N	7	2
	STATE	N	2			LGNT	N	4	0
	COUNTY	N	3			MERIDIAN	N	3	0
	LGNT	N	4			STATE	N	2	0
	MERIDIAN	N	3			COUNTY	N	3	0
	TWP	N	5	1		CLASS	N	2	0
	TDIR	C	1			TYPE	N	2	0
	RNG	N	5	1		STCTY	N	5	0
	RDIR	C	1			NTWP	N	4	0
	SECT	C	8			NRNG	N	4	0
	MODDATE	N	11			PARENT_ID	N	11	0
	STCTY	N	11			PARENT_CL	N	2	0
	NTWP	N	6			PARENT_TY	N	2	0
	NRNG	N	6			OBJECT_ID	N	11	0
	MAINT_ID	N	11			MODDATE	D	8	0
OBJECT_ID	N	11							
JCTYSEC ANNO	AREA	F	20	5	JCTYSEC ANNO	TEXT	C	40	0
	PERIMETER	F	20	5		STATE	N	2	0
	CTYSEC_A_	N	11			COUNTY	N	3	0
	CTYSEC_A_I	N	11			STCTY	N	5	0
	HEIGHT	F	20	5		ANNOTYPE	C	1	0
	SYMBOL	N	11			ANNO_REL	N	11	0
	LEVEL	N	11			OBJECT_ID	N	11	0
	TEXT	C	40			MODDATE	D	8	0



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DISTRICT

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
DISTRICT	AREA	F	20	5	DISTRICT	DIST_CODE	N	11	0	
	PERIMETER	F	20	5		NAME	C	50	0	
	DISTRICT_	N	11			STATE	N	2	0	
	DISTRICT_I	N	11			COUNTY	N	3	0	
	CLASS	N	6			CLASS	N	2	0	
	TYPE	N	6			TYPE	N	2	0	
	STATE	N	2			STCTY	N	5	0	
	COUNTY	N	3			PARENT__ID	N	11	0	
	DIST_CODE	N	5			PARENT__CL	N	2	0	
	NAME	C	50			PARENT__TY	N	2	0	
	MODDATE	N	11			OBJECT__ID	N	11	0	
	STCTY	N	11			MODDATE	D	8	0	
	MAINT__ID	N	11							
	OBJECT__ID	N	11							
DISTRICT ANNO	AREA	F	20	5	DISTRICT ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	DIST_A_	N	11			COUNTY	N	3	0	
	DIST_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



FWAREA (Federal Waters Area)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
FWAREA	AREA	F	20	5	FWAREA	SNAME	C	20	0	
	PERIMETER	F	20	5		CNAME	C	40	0	
	FWAREA_	N	11			STATE	N	2	0	
	FWAREA_ID	N	11			COUNTY	N	3	0	
	CLASS	N	6			CLASS	N	2	0	
	TYPE	N	6			TYPE	N	2	0	
	STATE	N	2			STCTY	N	5	0	
	COUNTY	N	3			OBJECT__ID	N	11	0	
	SNAME	C	2							
	CNAME	C	40							
	MODDATE	N	11							
	STCTY	N	11							
	MAINT__ID	N	11							
OBJECT__ID	N	11								
FWAREA ANNO	AREA	F	20	5	FWAREA ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	FWAREA_A_	N	11			COUNTY	N	3	0	
	FWAREA_A_I	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



FWBLK (Federal Waters Block)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
FWBLK	AREA	F	20	5	FWBLK	BLK	C	8	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	FWBLK_	N	11			COUNTY	N	3	0	
	FWBLK_ID	N	11			CLASS	N	2	0	
	CLASS	N	6			TYPE	N	2	0	
	TYPE	N	6			STCTY	N	5	0	
	STATE	N	2			PARENT__ID	N	11	0	
	COUNTY	N	3			PARENT__CL	N	2	0	
	BLK	C	8			PARENT__TY	N	2	0	
	MODDATE	N	11			OBJECT__ID	N	11	0	
	STCTY	N	11			MODDATE	D	8	0	
	MAINT__ID	N	11							
	OBJECT__ID	N	11							
FWBLK ANNO	AREA	F	20	5	FWBLK ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	FWBLK_A_	N	11			COUNTY	N	3	0	
	FWBLK_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNO__TYPE	C	1	0	
	SYMBOL	N	11			ANNO__REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



SWAREA (State Waters Area)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
SWAREA	AREA	F	20	5	SWAREA	SNAME	C	20	0	
	PERIMETER	F	20	5		CNAME	C	40	0	
	SWAREA_	N	11			STATE	N	2	0	
	SWAREA_ID	N	11			COUNTY	N	3	0	
	CLASS	N	6			CLASS	N	2	0	
	TYPE	N	6			TYPE	N	2	0	
	STATE	N	2			STCTY	N	5	0	
	COUNTY	N	3			OBJECT__ID	N	11	0	
	SNAME	C	2							
	CNAME	C	40							
	MODDATE	N	11							
	STCTY	N	11							
	MAINT__ID	N	11							
OBJECT__ID	N	11								
SWAREA ANNO	AREA	F	20	5	SWAREA ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	SWAREA_A_	N	11			COUNTY	N	3	0	
	SWAREA_A_I	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



SWBLK (State Waters Block)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
SWBLK	AREA	F	20	5	SWBLK	BLK	C	8	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	SWBLK_	N	11			COUNTY	N	3	0	
	SWBLK_ID	N	11			CLASS	N	2	0	
	CLASS	N	6			TYPE	N	2	0	
	TYPE	N	6			STCTY	N	5	0	
	STATE	N	2			PARENT__ID	N	11	0	
	COUNTY	N	3			PARENT__CL	N	2	0	
	BLK	C	8			PARENT__TY	N	2	0	
	MODDATE	N	11			OBJECT__ID	N	11	0	
	STCTY	N	11			MODDATE	D	8	0	
	MAINT__ID	N	11							
	OBJECT__ID	N	11							
SWBLK ANNO	AREA	F	20	5	SWBLK ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	SWBLK_A_	N	11			COUNTY	N	3	0	
	SWBLK_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNO__TYPE	C	1	0	
	SYMBOL	N	11			ANNO__REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



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TXABS (Texas Abstract)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXABSTRACT	AREA	F	20	5	TXABS	ABSTRACT	C	8	0	
	PERIMETER	F	20	5		SECT	C	8	0	
	ABSTRACT_	N	11			GRANTEE	C	60	0	
	ABSTRACT_I	N	11			BLK	C	8	0	
	CLASS	N	6			SURVEY	C	60	0	
	TYPE	N	6			COUNTY	N	3	0	
	STATE	N	2			RRD	C	4	0	
	RRD	C	4			STATE	N	2	0	
	COUNTY	N	3			CLASS	N	2	0	
	SURVEY	C	60			TYPE	N	2	0	
	BLK	C	8			STCTY	N	5	0	
	GRANTEE	C	60			PARENT__ID	N	11	0	
	LEAGUEFLAG	C	1			PARENT__CL	N	2	0	
	SECT	C	8			PARENT__TY	N	2	0	
	ABSTRACT	C	8			OBJECT__ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT__ID	N	11							
OBJECT__ID	N	11								
TXABSTRACT ANNO	AREA	F	20	5	TXABS ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	ABST_A_	N	11			COUNTY	N	3	0	
	ABST_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



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TXBLK (Texas Block)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXBLOCK	AREA	F	20	5	TXBLK	BLK	C	8	0	
	PERIMETER	F	20	5		SURVEY	C	60	0	
	BLOCK_	N	11			COUNTY	N	3	0	
	BLOCK_ID	N	11			RRD	C	4	0	
	CLASS	N	6			STATE	N	2	0	
	TYPE	N	6			CLASS	N	2	0	
	STATE	N	2			TYPE	N	2	0	
	RRD	C	4			STCTY	N	5	0	
	COUNTY	N	3			PARENT__ID	N	11	0	
	SURVEY	C	60			PARENT__CL	N	2	0	
	BLK	C	8			PARENT__TY	N	2	0	
	LEAGUEFLAG	C	1			OBJECT__ID	N	11	0	
	STCTY	N	11							
	MAINT__ID	N	11							
OBJECT__ID	N	11								
TXBLOCK ANNO	AREA	F	20	5	TXBLK ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	BLOCK_A_	N	11			COUNTY	N	3	0	
	BLOCK_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



TXGTE (Texas Grantee)

LEGACY					As Of 10/01/2005			
	NAME	TYPE	WIDTH	DEC.	NAME	TYPE	WIDTH	DEC.
TXGRANTEE	AREA	F	20	5	TXGTE NO LONGER OUTPUT SEE GRANTEE ATTRIBUTE IN ABSTRACT LAYER			
	PERIMETER	F	20	5				
	GRANTEE_	N	11					
	GRANTEE_ID	N	11					
	CLASS	N	6					
	TYPE	N	6					
	STATE	N	2					
	RRD	C	4					
	COUNTY	N	3					
	SURVEY	C	60					
	BLK	C	8					
	GRANTEE	C	60					
	LEAGUEFLAG	C	1					
	SECT	C	8					
	STCTY	N	11					
MAINT__ID	N	11						
OBJECT__ID	N	11						
TXGRANTEE ANNO	AREA	F	20	5	TXGTE ANNO *Note: See TXBSTRACT annotation. Grantee Annotation now included with abstract layer. You will not see a separate field for Grantee Annotation.			
	PERIMETER	F	20	5				
	GRANT_A_	N	11					
	GRANT_A_ID	N	11					
	HEIGHT	F	20	5				
	SYMBOL	N	11					
	LEVEL	N	11					
TEXT	C	40						



TXLAB (Texas Labor)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXLABOR	AREA	F	20	5	TXLAB	LABOR	C	8	0	
	PERIMETER	F	20	5		ABSTRACT	C	8	0	
	LABOR_	N	11			SECT	C	8	0	
	LABOR_ID	N	11			GRANTEE	C	60	0	
	CLASS	N	6			LGE	C	8	0	
	TYPE	N	6			SURVEY	C	60	0	
	STATE	N	2			COUNTY	N	3	0	
	RRD	C	4			RRD	C	4	0	
	COUNTY	N	3			STATE	N	2	0	
	SURVEY	C	60			CLASS	N	2	0	
	BLK	C	8			TYPE	N	2	0	
	GRANTEE	C	60			STCTY	N	5	0	
	LEAGUEFLAG	C	1			PARENT__ID	N	11	0	
	SECT	C	8			PARENT__CL	N	2	0	
	LABOR	C	8			PARENT__TY	N	2	0	
	ABSTRACT	C	8			OBJECT__ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT__ID	N	11							
	OBJECT__ID	N	11							
TXLABOR ANNO	AREA	F	20	5	TXLAB ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	LABOR_A_	N	11			COUNTY	N	3	0	
	LABOR_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNO_REL	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT__ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



TXLGE (Texas League)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXLEAGUE	AREA	F	20	5	TXLGE	LGE	C	8	0	
	PERIMETER	F	20	5		SURVEY	C	60	0	
	LEAGUE_	N	11			COUNTY	N	3	0	
	LEAGUE_ID	N	11			RRD	C	4	0	
	CLASS	N	6			STATE	N	2	0	
	TYPE	N	6			CLASS	N	2	0	
	STATE	N	2			TYPE	N	2	0	
	RRD	C	4			STCTY	N	5	0	
	COUNTY	N	3			PARENT__ID	N	11	0	
	SURVEY	C	60			PARENT__CL	N	2	0	
	BLK	C	8			PARENT__TY	N	2	0	
	LEAGUEFLAG	C	1			OBJECT__ID	N	11	0	
	STCTY	N	11							
	MAINT__ID	N	11							
	OBJECT__ID	N	11							
TXLEAGUE ANNO	AREA	F	20	5	TXLGE ANNO					
	PERIMETER	F	20	5						
	LEAGUE_A_	N	11							
	LEAGUE_A_I	N	11							
	HEIGHT	F	20	5						
	SYMBOL	N	11							
	LEVEL	N	11							
TEXT	C	40								

Note: There is no annotation for this layer



TXSEC (Texas Section)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXSECTION	AREA	F	20	5	TXSECT	SECT	C	8	0	
	PERIMETER	F	20	5		BLK	C	8	0	
	SECTION_	N	11			SURVEY	C	60	0	
	SECTION_ID	N	11			COUNTY	N	3	0	
	CLASS	N	6			RRD	C	4	0	
	TYPE	N	6			STATE	N	2	0	
	STATE	N	2			CLASS	N	2	0	
	RRD	C	4			TYPE	N	2	0	
	COUNTY	N	3			STCTY	N	5	0	
	SURVEY	C	60			PARENT_ID	N	11	0	
	BLK	C	8			PARENT_CL	N	2	0	
	LEAGUEFLAG	C	1			PARENT_TY	N	2	0	
	SECT	C	8			OBJECT_ID	N	11	0	
	STCTY	N	11							
	MAINT_ID	N	11							
	OBJECT_ID	N	11							
TXSECTION ANNO	AREA	F	20	5	TXSEC ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	SECT_A_	N	11			COUNTY	N	3	0	
	SECT_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



TXSUBDIV (Texas Subdivision)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXSUBDIVISION	AREA	F	20	5	TXSUBDIV	ABSTRACT	C	8	0	
	PERIMETER	F	20	5		SECT	C	8	0	
	SUBDIV_	N	11			GRANTEE	C	60	0	
	SUBDIV_ID	N	11			BLK	C	8	0	
	CLASS	N	6			SURVEY	C	60	0	
	TYPE	N	6			COUNTY	N	3	0	
	STATE	N	2			RRD	C	4	0	
	RRD	C	4			STATE	N	2	0	
	COUNTY	N	3			CLASS	N	2	0	
	SURVEY	C	60			TYPE	N	2	0	
	BLK	C	8			STCTY	N	5	0	
	GRANTEE	C	60			PARENT_ID	N	11	0	
	LEAGUEFLAG	C	1			PARENT_CL	N	2	0	
	SECT	C	8			PARENT_TY	N	2	0	
	ABSTRACT	C	8			OBJECT_ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT_ID	N	11							
OBJECT_ID	N	11								
TXSUBDIVISION ANNO	AREA	F	20	5	TXSUBDIV ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	SUBDIV_A_	N	11			COUNTY	N	3	0	
	SUBDIV_A_I	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



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TXSUR (Texas Survey)

LEGACY					As Of 10/01/2005				
NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXSURVEY					TXSUR	SURVEY	C	60	0
Layer not previously available						COUNTY	N	3	0
						RRD	C	4	0
						STATE	N	2	0
						CLASS	N	2	0
						TYPE	N	2	0
						STCTY	N	5	0
						PARENT_ID	N	11	0
						PARENT_CL	N	2	0
						PARENT_TY	N	2	0
						OBJECT_ID	N	11	0
TXSURVEY ANNO					TXSUR ANNO	TEXT	C	40	0
Layer not previously available						STATE	N	2	0
						COUNTY	N	3	0
						STCTY	N	5	0
						ANNOTYPE	C	1	0
						ANNO_REL	N	11	0
						OBJECT_ID	N	11	0
						MODDATE	D	8	0



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TXBAY_1

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXBAY_1	AREA	F	20	5	TXBAY1	ABSTRACT	C	8	0	
	PERIMETER	F	20	5		SECT	C	8	0	
	TXBAY_1_	N	11			GRANTEE	C	60	0	
	TXBAY_1_ID	N	11			BLK	C	8	0	
	CLASS	N	6			SURVEY	C	60	0	
	TYPE	N	6			COUNTY	N	3	0	
	STATE	N	2			RRD	C	4	0	
	RRD	C	4			STATE	N	2	0	
	COUNTY	N	3			CLASS	N	2	0	
	SURVEY	C	60			TYPE	N	2	0	
	BLK	C	8			STCTY	N	5	0	
	GRANTEE	C	60			PARENT_ID	N	11	0	
	LEAGUEFLAG	C	1			PARENT_CL	N	2	0	
	SECT	C	8			PARENT_TY	N	2	0	
	ABSTRACT	C	8			OBJECT_ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT_ID	N	11							
OBJECT_ID	N	11								
TXBAY ANNO 1	AREA	F	20	5	TXBAY1 ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	BAY_1_A_	N	11			COUNTY	N	3	0	
	BAY_1_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



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TXBAY_2

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXBAY_2	AREA	F	20	5	TXBAY2	ABSTRACT	C	8	0	
	PERIMETER	F	20	5		SECT	C	8	0	
	TXBAY_2_	N	11			GRANTEE	C	60	0	
	TXBAY_2_ID	N	11			BLK	C	8	0	
	CLASS	N	6			SURVEY	C	60	0	
	TYPE	N	6			COUNTY	N	3	0	
	STATE	N	2			RRD	C	4	0	
	RRD	C	4			STATE	N	2	0	
	COUNTY	N	3			CLASS	N	2	0	
	SURVEY	C	60			TYPE	N	2	0	
	BLK	C	8			STCTY	N	5	0	
	GRANTEE	C	60			PARENT_ID	N	11	0	
	LEAGUEFLAG	C	1			PARENT_CL	N	2	0	
	SECT	C	8			PARENT_TY	N	2	0	
	ABSTRACT	C	8			OBJECT_ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT_ID	N	11							
OBJECT_ID	N	11								
TXBAY ANNO 2	AREA	F	20	5	TXBAY2 ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	BAY_2_A_	N	11			COUNTY	N	3	0	
	BAY_2_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



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TXBAY_3

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXBAY_3	AREA	F	20	5	TXBAY 3	ABSTRACT	C	8	0	
	PERIMETER	F	20	5		SECT	C	8	0	
	TXBAY_3_	N	11			GRANTEE	C	60	0	
	TXBAY_3_ID	N	11			BLK	C	8	0	
	CLASS	N	6			SURVEY	C	60	0	
	TYPE	N	6			COUNTY	N	3	0	
	STATE	N	2			RRD	C	4	0	
	RRD	C	4			STATE	N	2	0	
	COUNTY	N	3			CLASS	N	2	0	
	SURVEY	C	60			TYPE	N	2	0	
	BLK	C	8			STCTY	N	5	0	
	GRANTEE	C	60			PARENT_ID	N	11	0	
	LEAGUEFLAG	C	1			PARENT_CL	N	2	0	
	SECT	C	8			PARENT_TY	N	2	0	
	ABSTRACT	C	8			OBJECT_ID	N	11	0	
	MODDATE	N	11			MODDATE	D	8	0	
	STCTY	N	11							
	MAINT_ID	N	11							
OBJECT_ID	N	11								
TXBAY ANNO 3	AREA	F	20	5	TXBAY3 ANNO	TEXT	C	40	0	
	PERIMETER	F	20	5		STATE	N	2	0	
	BAY_3_A_	N	11			COUNTY	N	3	0	
	BAY_A_ID	N	11			STCTY	N	5	0	
	HEIGHT	F	20	5		ANNOTYPE	C	1	0	
	SYMBOL	N	11			ANNO_REL	N	11	0	
	LEVEL	N	11			OBJECT_ID	N	11	0	
	TEXT	C	40			MODDATE	D	8	0	



TXJABS (Texas Junior Survey Abstract)

LEGACY					As Of 10/01/2005				
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.
TXJSABS	AREA	F	20	5	TXJABS	ABSTRACT	C	8	0
	PERIMETER	F	20	5		SECT	C	8	0
	JSABS_	B	11			GRANTEE	C	60	0
	JSABS_ID	B	11			BLK	C	8	0
	CLASS	B	6			SURVEY	C	60	0
	TYPE	B	6			COUNTY	N	3	0
	STATE	I	2			RRD	C	4	0
	RRD	C	4			STATE	N	2	0
	COUNTY	I	3			CLASS	N	2	0
	SURVEY	C	60			TYPE	N	2	0
	BLK	C	8			STCTY	N	5	0
	GRANTEE	C	60			PARENT_ID	N	11	0
	LEAGUEFLAG	C	1			PARENT_CL	N	2	0
	SECT	C	8			PARENT_TY	N	2	0
	ABSTRACT	C	8			OBJECT_ID	N	11	0
	MODDATE	B	11			MODDATE	D	8	0
	STCTY	B	11						
MAINT_ID	B	11							
OBJECT_ID	B	11							



TXJBLK (Texas Junior Survey Block)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXJSBLK	AREA	F	20	5	TXJBLK	BLK	C	8	0	
	PERIMETER	F	20	5		SURVEY	C	60	0	
	JSBLK_	B	11			COUNTY	N	3	0	
	JSBLK_ID	B	11			RRD	C	4	0	
	CLASS	B	6			STATE	N	2	0	
	TYPE	B	6			CLASS	N	2	0	
	STATE	I	2			TYPE	N	2	0	
	RRD	C	4			STCTY	N	5	0	
	COUNTY	I	3			PARENT_ID	N	11	0	
	SURVEY	C	60			PARENT_CL	N	2	0	
	BLK	C	8			PARENT_TY	N	2	0	
	LEAGUEFLAG	C	1			OBJECT_ID	N	11	0	
	STCTY	B	11							
	MAINT_ID	B	11							
	OBJECT_ID	B	11							



TXJGTE (Texas Junior Survey Grantee)

LEGACY					As Of 10/01/2005			
	NAME	TYPE	WIDTH	DEC.	NAME	TYPE	WIDTH	DEC.
TXJSGTE	AREA	F	20	5	TXJGTE			
	PERIMETER	F	20	5	No Longer Output			
	JSGTE_	N	11					
	JSGTE_ID	N	11					
	CLASS	N	6					
	TYPE	N	6					
	STATE	N	2					
	RRD	C	4					
	COUNTY	N	3					
	SURVEY	C	60					
	BLK	C	8					
	GRANTEE	C	60					
	LEAGUEFLAG	C	1					
	SECT	C	8					
	STCTY	N	11					
	MAINT_ID	N	11					
	OBJECT_ID	N	11					



TXJSSEC (Texas Junior Survey Section)

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TXJSSEC	AREA	F	20	5	TXJSEC	SECT	C	8	0	
	PERMIETER	F	20	5		BLK	C	8	0	
	JSSEC_	B	11			SURVEY	C	60	0	
	JSSEC_ID	B	11			COUNTY	N	3	0	
	CLASS	B	6			RRD	C	4	0	
	TYPE	B	6			STATE	N	2	0	
	STATE	I	2			CLASS	N	2	0	
	RRD	C	4			TYPE	N	2	0	
	COUNTY	I	3			STCTY	N	5	0	
	SURVEY	C	60			PARENT_ID	N	11	0	
	BLK	C	8			PARENT_CL	N	2	0	
	LEAGUEFLAG	C	1			PARENT_TY	N	2	0	
	SECT	C	8			OBJECT_ID	N	11	0	
	STCTY	B	11							
	MAINT_ID	B	11							
	OBJECT_ID	B	11							



TXJSUR (Texas Junior Survey)

LEGACY					As Of 10/01/2005					
NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.		
TXJSUR					TXJSUR	SURVEY	C	60	0	
See Texas Junior Survey Grantee						COUNTY	N	3	0	
						RRD	C	4	0	
						STATE	N	2	0	
						CLASS	N	2	0	
						TYPE	N	2	0	
						STCTY	N	5	0	
						PARENT__ID	N	11	0	
						PARENT__CL	N	2	0	
						PARENT__TY	N	2	0	
						OBJECT__ID	N	11	0	



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1:24k Culture

LEGACY					As Of 10/01/2005					
	NAME	TYPE	WIDTH	DEC.		NAME	TYPE	WIDTH	DEC.	
TCUL	FNODE#	B	4		CUL24K	STATE	N	2	0	
	TNODE#	B	4			COUNTY	N	3	0	
	LPOLY#	B	4			CLASS	N	2	0	
	RPOLY#	B	4			TYPE	N	2	0	
	LENGTH	F	8	5		STCTY	N	5	0	
	TCULTURE#	B	4			LAYER_NAME	C	20	0	
	TCULTURE-ID	B	4			ALPHA	C	14	0	
	CLASS	B	2			OBJECT_ID	N	20	0	
	TYPE	B	2			MODDATE	D	8	0	
	LAYER_NAME	C	16							
	STATE	I	2							
	COUNTY	I	3							
	FORMAT	I	1							
	ALPHA	C	14							
	SOURCE	C	1							
	MODDATE	B	4							
	STCTY	B	4							
	MAINT_ID	B	4							
OBJECT_ID	B	4								
TCUL ANNO	ALL#	B	4		CULK24K ANNO *See note below for Federal Waters	TEXT	C	40	0	
	ALL-ID	B	4			STATE	N	2	0	
	CLASS	B	2			COUNTY	N	3	0	
	TYPE	B	2			STCTY	N	5	0	
	STATE	I	2			ANNO_TYPE	C	1	0	
	COUNTY	I	3			ANNO_REL	N	11	0	
	STCTY	B	4			OBJECT_ID	N	11	0	
	LAYER_NAME	C	16			MODDATE	D	8	0	
	ANNO_TYPE	C	1							
	MODDATE	B	4							
	ANNO_REL	B	4							



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MAINT_ID	B	4
OBJECT_ID	B	4

****There is currently no annotation for 1:24k Culture Federal Water Dataset**



1:100k Culture1 (Not currently Supported by SDMS)

LEGACY					As Of 10/01/2005			
	NAME	TYPE	WIDTH	DEC.	NAME	TYPE	WIDTH	DEC.
CULT1	AREA	F	8	5	CULT1.PAT POLYGON 1:100K Culture is not currently supported by SDMS			
	PERIMETER	F	8	5				
	CULT1#	B	4					
	CULT1-ID	B	4					
	STATE	I	2					
	COUNTY	I	3					
	CLASS	B	2					
	TYPE	B	2					
	LAYER_NAME	C	16					
CULT1 ANNO	ALL#	B	4		CULT1.TATALL ANNO			
	ALL-ID	B	4					



1:100k Culture2 (Not currently Supported by SDMS)

LEGACY					As Of 10/01/2005			
	NAME	TYPE	WIDTH	DEC.	NAME	TYPE	WIDTH	DEC.
CULT2	FNODE#	B	4		CULT2.AAT LINES 1:100K Culture is not currently supported by SDMS			
	TNODE#	B	4					
	LPOLY#	B	4					
	RPOLY#	B	4					
	LENGTH	F	8	5				
	CULT2#	B	4					
	CULT2-ID	B	4					
	STATE	I	2					
	COUNTY	I	3					
	CLASS	B	2					
	TYPE	B	2					
	LAYER_NAME	C	16					
	USERID	B	1					
CULT2 ANNO	ALL#	B	4		CULT2.TATALL ANNO			
	ALL-ID	B	4					



1:100k Culture3 (Not currently Supported by SDMS)

LEGACY					As Of 10/01/2005			
	NAME	TYPE	WIDTH	DEC.	NAME	TYPE	WIDTH	DEC.
CULT3	AREA	F	8	5	CULT3.PAT POINT 1:100K Culture is not currently supported by SDMS			
	PERIMETER	F	8	5				
	CULT3#	B	4					
	CULT3-ID	B	4					
	STATE	I	2					
	COUNTY	I	3					
	CLASS	B	2					
	TYPE	B	2					
	LAYER_NAME	C	16					
	MODDATE	B	2					
USERID	B	2						
CULT3 ANNO	ALL#	B	4		CULT3.TATALL ANNO			
	ALL-ID	B	4					