

Table and Column Definitions Report

Filename:	H:\tempforests\FSP_LRDW_TABLE.pdf
Run by:	CASEOWNER
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Total Pages:	36
Total Tables / Views / Materialized Views:	16

Parameters

Workarea:	GLOBAL SHARED WORKAREA
Container:	FSP
Table / View / Materialized View:	%
Include Tables?	Y
Include Views?	Y
Include Materialized Views?	Y
Data Structure Diagram:	SMD_FSP_WAREHOUSE_FOR_PUBLISH
Exclude Prefix:	
Include Table / View / MV Descriptions?	Y
Include Table / View / MV Comments?	N
Include Column Descriptions?	Y
Include Column Comments?	N
Include Column Notes?	Y
Include Unique Constraints?	Y
Include Foreign Key Constraints?	Y
Include Check Constraints?	Y
Include Indexes?	Y

Table: FSP_AGREEMENT_HOLDERS*Description:*

Licensees who hold Forest Stewardship Plan agreements.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 2	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
* 3	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
4	CLIENT_NAME The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.	NULL	VARCHAR2(91)

Indexes:

FAH_CLIENT_NAME_I
CLIENT_NAME
FAH_CLIENT_NUM_I
CLIENT_NUMBER

Notes:

2008-03-14. Added as part of FSP for the BVI project.

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

The select statement for the view looks like:

```
SELECT fah.fsp_id,
       fah.fsp_amendment_number,
       fah.client_number,
       CASE
         WHEN fc.client_type_code = 'I' THEN
           fc.legal_first_name || ' ' || fc.client_name
         ELSE
           fc.client_name
       END client_name
FROM fsp_agreement_holder fah
JOIN forest_client fc ON fah.client_number = fc.client_number
```

Table: FSP_AGREEMENT_HOLDERS_VW*Description:*

Licensees who hold Forest Stewardship Plan agreements.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
2	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
3	CLIENT_NUMBER Sequentially assigned number to identify a ministry client.	NOT NULL	VARCHAR2(8)
4	CLIENT_NAME The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.	NULL	VARCHAR2(91)

Notes:

2008-03-14 D.Hemsworth - Created for the FSP piece of the BVI Project.

Table: FSP_FDU_LICENCE*Description:*

A cross reference entity that allows for the relationship between a Forest Development Unit and a forest licence. An FDU may contain many licences, and a licence may be included in many FDUs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 1	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 2	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
* 3	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
* 4	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
5	FILE_TYPE_CODE A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(3)

Indexes:

FFL_LICENCE_I
FOREST_FILE_ID

Notes:

2008-03-14. Added as part of FSP for the BVI project.

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

The select statement for the view looks like:

```
SELECT lx.fsp_id,
       lx.fsp_amendment_number,
       lx.fdu_id,
       lx.forest_file_id,
       pfu.file_type_code
FROM   fdu_licence_xref lx
JOIN   prov_forest_use pfu ON lx.forest_file_id = pfu.forest_file_id
```

Table: FSP_FDU_LICENCE_VW*Description:*

A cross reference entity that allows for the relationship between a Forest Development Unit and a forest licence. An FDU may contain many licences, and a licence may be included in many FDUs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
2	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
3	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
4	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)
5	FILE_TYPE_CODE A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(3)

Notes:

2008-03-14 D.Hemsworth - Created for the FSP piece of the BVI Project.

Table: FSP_FDU_POLY*Description:*

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 5	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 6	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
* 8	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
9	SP_UPDATE_AMENDMENT_NUMBER Identifies amendment level of FDU Geometry.	NULL	NUMBER(10)
11	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
21	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
31	AMENDMENT_UPDATED_GEOMETRY_IND Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').	NULL	VARCHAR2(1)
41	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
51	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
61	PLAN_END_DATE Date FSP expires	NULL	DATE
71	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
81	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
91	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER(10)
101	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Submitted, Approved or Previous.	NULL	VARCHAR2(10)
111	LICENCE1 First of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
121	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
141	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
151	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
161	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
171	FILE_TYPE_CODE3	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
181	LICENCE4	NULL	VARCHAR2(10)
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
191	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
201	LICENCE5	NULL	VARCHAR2(10)
	Fifth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
211	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
221	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five licences, whereas a value of `N? identifies there are five or less licences.		
231	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
241	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
251	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
261	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
271	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
281	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
291	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
301	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
311	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a		

Table: FSP_FDU_POLY (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
321	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
331	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
341	GEOMETRY	NULL	
	The geometry for this feature.		
351	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
356	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
361	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
371	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		
381	CHANGE_TIMESTAMP	NULL	DATE
	The date and time of the most recent update to the FOREST DEVELOPMENT UNIT GEOM table		

Unique Constraints:

FSP_FP_OBJECTID_UK
OBJECTID

Indexes:

FSP_FP_CLIENT_NAME_I
CLIENT_NAME1
CLIENT_NAME2
CLIENT_NAME3
CLIENT_NAME4
CLIENT_NAME5
FSP_FP_CLIENT_NUMBER_I
CLIENT_NUMBER1
CLIENT_NUMBER2
CLIENT_NUMBER3
CLIENT_NUMBER4
CLIENT_NUMBER5
FSP_FP_FDU_I
FSP_ID
FSP_AMENDMENT_NUMBER
FDU_NAME
FSP_FP_LCSC_I
LIFE_CYCLE_STATUS_CODE
AMENDMENT_UPDATED_GEOMETRY_IND
FSP_FP_LICENCE_I
LICENCE1
LICENCE2
LICENCE3
LICENCE4
LICENCE5

Notes:

2008-02-25. Added as part of FSP for the BVI project.

Table: FSP_FDU_POLY (cont'd)**Notes:**

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

The select statement for the view looks like:

```
SELECT fsp_id,
       fdu_id,
       fsp_amendment_number,
       sp_update_amendment_number,
       plan_name,
       fdu_name,
       case when fsp_amendment_number = sp_update_amendment_number then 'Y' else 'N' end as
amendment_updated_geometry_ind,
       plan_decision_date,
       plan_start_date,
       plan_end_date,
       amendment_approval_date,
       fsp_id||' ('||fsp_amendment_number||') -'||fdu_name map_label,
       max_amendment_id AS current_amendment_number,
       CASE
         WHEN FSP_STATUS_CODE = 'SUB' THEN
           'SUBMITTED'
         WHEN FSP_STATUS_CODE = 'DFT' THEN
           'DRAFT'
         WHEN fsp_amendment_number = max_amendment_id THEN
           'APPROVED'
         ELSE
           'PREVIOUS'
       END AS LIFE_CYCLE_STATUS_CODE,
       tmp.licence.licence1 licence1,
       tmp.licence.file_type_code1 file_type_code1,
       tmp.licence.licence2 licence2,
       tmp.licence.file_type_code2 file_type_code2,
       tmp.licence.licence3 licence3,
       tmp.licence.file_type_code3 file_type_code3,
       tmp.licence.licence4 licence4,
       tmp.licence.file_type_code4 file_type_code4,
       tmp.licence.licence5 licence5,
       tmp.licence.file_type_code5 file_type_code5,
       nvl(tmp.licence.more_licence_ind,'N') more_licence_ind,
       tmp.client.client_number1 client_number1,
       tmp.client.client_name1 client_name1,
       tmp.client.client_number2 client_number2,
       tmp.client.client_name2 client_name2,
       tmp.client.client_number3 c
lient_number3,
       tmp.client.client_name3 client_name3,
       tmp.client.client_number4 client_number4,
       tmp.client.client_name4 client_name4,
       tmp.client.client_number5 client_number5,
       tmp.client.client_name5 client_name5,
       nvl(tmp.client.more_client_ind,'N') more_client_ind,
       geometry,
       feature_area,
       feature_perimeter,
       feature_class_skey,
       to_number(fdu_id||substr(to_char(fsp_amendment_number,'000'),-3)) AS objectid,
       change_timestamp
```

Table: FSP_FDU_POLY (cont'd)*Notes:*

```

FROM (select t1.*,
            t2.geometry,
            t2.feature_area,
            t2.feature_perimeter,
            t2.feature_class_skey,
            t2.update_timestamp change_timestamp
from   (select fdu.fdu_id,
            fdu.fdu_name,
            fdu.entry_userid,
            fdu.entry_timestamp,
            fdu.fsp_id,
            fdu.fsp_amendment_number,
            fsp.plan_name,
            fsp.plan_decision_date,
            fsp.amendment_approval_date,
            fsp.plan_start_date,
            fsp.plan_end_date,
            fsp.fsp_status_code,
            MAX(CASE
                WHEN fsp.fsp_status_code IN ('APP', 'EFF') THEN
                    fsp.fsp_amendment_number
                ELSE
                    NULL
            END) over(PARTITION BY fdu.fsp_id) AS max_amendment_id,
            NEW fsp_licence_type(fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id) licence,
            NEW fsp_client_type(fdu.fsp_id, fdu.fsp_amendment_number) client,
            max(fdug.fsp_amendment_number) over(partition by fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id)
sp_update_amendment_number
from   forest_development_unit fdu
join   forest_stewardship_plan fsp on fdu.fsp_id = fsp.fsp_id
            and fdu.fsp_amendment_number = fsp.fsp_amendment_number
left
outer join forest_development_unit_geom fdug on fdu.fsp_id = fdug.fsp_id
            and fdu.fdu_id = fdug.fdu_id
            and fdug.fsp_amendment_number <= fdu.fsp_amendment_number
WHERE fsp.fsp_status_code IN ('APP', 'EFF', 'SUB', 'DFT')) t1
join forest_development_unit_geom t2 on t1.fsp_id = t2.fsp_id
            and t1.fdu_id = t2.fdu_id
            and t1.sp_update_amendment_number = t2.fsp_amendment_number
) tmp;

```

Table: FSP_FDU_POLY_300K**Description:**

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan; this layer is intended to be viewed at or around 1:300,000. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 8	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 9	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
* 10	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
20	SP_UPDATE_AMENDMENT_NUMBER Identifies amendment level of FDU Geometry.	NULL	NUMBER(10)
30	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
40	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
50	AMENDMENT_UPDATED_GEOMETRY_IND Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').	NULL	VARCHAR2(1)
51	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
60	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
70	PLAN_END_DATE Date FSP expires	NULL	DATE
80	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
90	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
100	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER(10)
110	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Submitted, Approved or Previous.	NULL	VARCHAR2(10)
120	LICENCE1 First of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
130	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
140	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
150	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
160	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
170	FILE_TYPE_CODE3	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY_300K (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
180	LICENCE4	NULL	VARCHAR2(10)
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
190	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
200	LICENCE5	NULL	VARCHAR2(10)
	Fifth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
210	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
220	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five licences, whereas a value of `N? identifies there are five or less licences.		
230	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
240	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
250	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
260	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
270	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
280	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
290	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
300	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
310	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a		

Table: FSP_FDU_POLY_300K (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
320	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
330	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
340	GEOMETRY	NULL	
	The geometry for this feature; simplified for viewing at 1:300,000 scale.		
350	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
360	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
370	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
380	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		
390	CHANGE_TIMESTAMP	NULL	DATE
	The date and time of the most recent update to the FOREST DEVELOPMENT UNIT GEOM table		

Unique Constraints:

FSP_FP_300K_OBJECTID_UK
OBJECTID

Indexes:

FSP_FP_CL_NAME_300K_I
CLIENT_NAME1
CLIENT_NAME2
CLIENT_NAME3
CLIENT_NAME4
CLIENT_NAME5
FSP_FP_CL_NUMBER_300K_I
CLIENT_NUMBER1
CLIENT_NUMBER2
CLIENT_NUMBER3
CLIENT_NUMBER4
CLIENT_NUMBER5
FSP_FP_FDU_300K_I
FSP_ID
FSP_AMENDMENT_NUMBER
FDU_NAME
FSP_FP_LCSC_300K_I
LIFE_CYCLE_STATUS_CODE
AMENDMENT_UPDATED_GEOMETRY_IND
FSP_FP_LICENCE_300K_I
LICENCE1
LICENCE2
LICENCE3
LICENCE4
LICENCE5

Notes:

2008-10-27. Added as part of FSP for the BVI project.

Table: FSP_FDU_POLY_300K (cont'd)**Notes:**

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

The select statement for the view looks like:

```
SELECT fsp_id,
       fdu_id,
       fsp_amendment_number,
       sp_update_amendment_number,
       plan_name,
       fdu_name,
       case when fsp_amendment_number = sp_update_amendment_number then 'Y' else 'N' end as
amendment_updated_geometry_ind,
       plan_decision_date,
       plan_start_date,
       plan_end_date,
       amendment_approval_date,
       fsp_id||' ('||fsp_amendment_number||') -'||fdu_name map_label,
       max_amendment_id AS current_amendment_number,
       CASE
         WHEN FSP_STATUS_CODE = 'SUB' THEN
           'SUBMITTED'
         WHEN FSP_STATUS_CODE = 'DFT' THEN
           'DRAFT'
         WHEN fsp_amendment_number = max_amendment_id THEN
           'APPROVED'
         ELSE
           'PREVIOUS'
       END AS LIFE_CYCLE_STATUS_CODE,
       tmp.licence.licence1 licence1,
       tmp.licence.file_type_code1 file_type_code1,
       tmp.licence.licence2 licence2,
       tmp.licence.file_type_code2 file_type_code2,
       tmp.licence.licence3 licence3,
       tmp.licence.file_type_code3 file_type_code3,
       tmp.licence.licence4 licence4,
       tmp.licence.file_type_code4 file_type_code4,
       tmp.licence.licence5 licence5,
       tmp.licence.file_type_code5 file_type_code5,
       nvl(tmp.licence.more_licence_ind,'N') more_licence_ind,
       tmp.client.client_number1 client_number1,
       tmp.client.client_name1 client_name1,
       tmp.client.client_number2 client_number2,
       tmp.client.client_name2 client_name2,
       tmp.client.client_number3 c
lient_number3,
       tmp.client.client_name3 client_name3,
       tmp.client.client_number4 client_number4,
       tmp.client.client_name4 client_name4,
       tmp.client.client_number5 client_number5,
       tmp.client.client_name5 client_name5,
       nvl(tmp.client.more_client_ind,'N') more_client_ind,
       fsp_sdo_filter_elements(sdo_util.simplify(GEOMETRY,38.1,0.0005),7) geometry,
       feature_area,
       feature_perimeter,
       feature_class_skey,
       to_number(fdu_id||substr(to_char(fsp_amendment_number,'000'),-3)) AS objectid,
       change_timestamp
```

Table: FSP_FDU_POLY_300K (cont'd)**Notes:**

```

FROM (select t1.*,
            t2.geometry,
            t2.feature_area,
            t2.feature_perimeter,
            t2.feature_class_skey,
            t2.update_timestamp change_timestamp
from   (select fdu.fdu_id,
              fdu.fdu_name,
              fdu.entry_userid,
              fdu.entry_timestamp,
              fdu.fsp_id,
              fdu.fsp_amendment_number,
              fsp.plan_name,
              fsp.plan_decision_date,
              fsp.amendment_approval_date,
              fsp.plan_start_date,
              fsp.plan_end_date,
              fsp.fsp_status_code,
              MAX(CASE
                WHEN fsp.fsp_status_code IN ('APP', 'EFF') THEN
                  fsp.fsp_amendment_number
                ELSE
                  NULL
              END) over(PARTITION BY fdu.fsp_id) AS max_amendment_id,
              NEW fsp_licence_type(fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id) licence,
              NEW fsp_client_type(fdu.fsp_id, fdu.fsp_amendment_number) client,
              max(fdug.fsp_amendment_number) over(partition by fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id)
sp_update_amendment_number
from   forest_development_unit fdu
      join forest_stewardship_plan fsp on fdu.fsp_id = fsp.fsp_id
      and
      fdu.fsp_amendment_number = fsp.fsp_amendment_number
      left outer join forest_development_unit_geom fdug on fdu.fsp_id = fdug.fsp_id
      and fdu.fdu_id = fdug.fdu_id
      and fdug.fsp_amendment_number <= fdu.fsp_amendment_number
WHERE fsp.fsp_status_code IN ('APP', 'EFF', 'SUB', 'DFT')) t1
join forest_development_unit_geom t2 on t1.fsp_id = t2.fsp_id
      and t1.fdu_id = t2.fdu_id
      and t1.sp_update_amendment_number = t2.fsp_amendment_number

) tmp;

```

Table: FSP_FDU_POLY_300K_SPG**Description:**

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan; this layer is intended to be viewed at or around 1:300,000. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
5	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
6	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
7	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
11	SP_UPDATE_AMENDMENT_NUMBER The most recent amendment in which the geometry was altered.	NULL	VARCHAR2(240)
21	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
31	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
41	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
42	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
51	PLAN_END_DATE Date FSP expires	NULL	DATE
52	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
61	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID, FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
71	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER(10)
81	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Pending, Active or Retired.	NULL	VARCHAR2(10)
91	LICENCE1 First of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
101	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
111	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
121	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
131	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
141	FILE_TYPE_CODE3 The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTAS code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
151	LICENCE4	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY_300K_SPG (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
161	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
171	LICENCE5	NULL	VARCHAR2(10)
	Fifth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
181	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
191	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y?` identifies that there are more than five licences, whereas a value of `N?` identifies there are five or less licences.		
201	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
211	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
221	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
231	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
241	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
251	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
261	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
271	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
281	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
291	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client,		

Table: FSP_FDU_POLY_300K_SPG (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
301	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
311	GEOMETRY	NULL	
	An area-based spatial feature representing the tenure boundary.		
321	AMENDMENT_UPDATED_GEOMETRY_IND	NULL	VARCHAR2(240)
	Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').		
331	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
341	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
351	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
361	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		

Table: FSP_FDU_POLY_50K**Description:**

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan; this layer is intended to be viewed at or around 1:50,000. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 8	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 9	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
* 10	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
20	SP_UPDATE_AMENDMENT_NUMBER Identifies amendment level of FDU Geometry.	NULL	NUMBER(10)
30	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
40	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
50	AMENDMENT_UPDATED_GEOMETRY_IND Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').	NULL	VARCHAR2(1)
51	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
60	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
70	PLAN_END_DATE Date FSP expires	NULL	DATE
80	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
90	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
100	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER(10)
110	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Submitted, Approved or Previous.	NULL	VARCHAR2(10)
120	LICENCE1 First of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
130	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
140	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
150	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
160	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
170	FILE_TYPE_CODE3	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY_50K (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
180	LICENCE4	NULL	VARCHAR2(10)
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
190	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
200	LICENCE5	NULL	VARCHAR2(10)
	Fifth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
210	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
220	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five licences, whereas a value of `N? identifies there are five or less licences.		
230	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
240	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
250	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
260	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
270	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
280	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
290	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
300	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
310	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a		

Table: FSP_FDU_POLY_50K (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
320	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
330	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
340	GEOMETRY	NULL	
	The geometry for this feature; simplified for viewing at 1:50,000 scale.		
350	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
360	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
370	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
380	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		
390	CHANGE_TIMESTAMP	NULL	DATE
	The date and time of the most recent update to the FOREST DEVELOPMENT UNIT GEOM table		

Unique Constraints:

FSP_FP_50K_OBJECTID_UK
OBJECTID

Indexes:

FSP_FP_CL_NAME_50K_I
CLIENT_NAME1
CLIENT_NAME2
CLIENT_NAME3
CLIENT_NAME4
CLIENT_NAME5
FSP_FP_CL_NUMBER_50K_I
CLIENT_NUMBER1
CLIENT_NUMBER2
CLIENT_NUMBER3
CLIENT_NUMBER4
CLIENT_NUMBER5
FSP_FP_FDU_50K_I
FSP_ID
FSP_AMENDMENT_NUMBER
FDU_NAME
FSP_FP_LCSC_50K_I
LIFE_CYCLE_STATUS_CODE
AMENDMENT_UPDATED_GEOMETRY_IND
FSP_FP_LICENCE_50K_I
LICENCE1
LICENCE2
LICENCE3
LICENCE4
LICENCE5

Notes:

2008-10-27. Added as part of FSP for the BVI project.

Table: FSP_FDU_POLY_50K (cont'd)**Notes:**

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

The select statement for the view looks like:

```
SELECT fsp_id,
       fdu_id,
       fsp_amendment_number,
       sp_update_amendment_number,
       plan_name,
       fdu_name,
       case when fsp_amendment_number = sp_update_amendment_number then 'Y' else 'N' end as
AMENDMENT_UPDATED_GEOMETRY_IND,
       plan_decision_date,
       plan_start_date,
       plan_end_date,
       amendment_approval_date,
       fsp_id||' (||fsp_amendment_number||)' -'||fdu_name map_label,
       max_amendment_id AS current_amendment_number,
       CASE
         WHEN FSP_STATUS_CODE = 'SUB' THEN
           'SUBMITTED'
         WHEN FSP_STATUS_CODE = 'DFT' THEN
           'DRAFT'
         WHEN fsp_amendment_number = max_amendment_id THEN
           'APPROVED'
         ELSE
           'PREVIOUS'
       END AS LIFE_CYCLE_STATUS_CODE,
       tmp.licence.licence1 licence1,
       tmp.licence.file_type_code1 file_type_code1,
       tmp.licence.licence2 licence2,
       tmp.licence.file_type_code2 file_type_code2,
       tmp.licence.licence3 licence3,
       tmp.licence.file_type_code3 file_type_code3,
       tmp.licence.licence4 licence4,
       tmp.licence.file_type_code4 file_type_code4,
       tmp.licence.licence5 licence5,
       tmp.licence.file_type_code5 file_type_code5,
       nvl(tmp.licence.more_licence_ind,'N') more_licence_ind,
       tmp.client.client_number1 client_number1,
       tmp.client.client_name1 client_name1,
       tmp.client.client_number2 client_number2,
       tmp.client.client_name2 client_name2,
       tmp.client.client_number3 c
lient_number3,
       tmp.client.client_name3 client_name3,
       tmp.client.client_number4 client_number4,
       tmp.client.client_name4 client_name4,
       tmp.client.client_number5 client_number5,
       tmp.client.client_name5 client_name5,
       nvl(tmp.client.more_client_ind,'N') more_client_ind,
       fsp_sdo_filter_elements(sdo_util.simplify(GEOMETRY,6.35,0.0005),7) geometry,
       feature_area,
       feature_perimeter,
       feature_class_skey,
       to_number(fdu_id||substr(to_char(fsp_amendment_number,'000'),-3)) AS objectid,
       change_timestamp
```

Table: FSP_FDU_POLY_50K (cont'd)*Notes:*

```

FROM (select t1.*,
            t2.geometry,
            t2.feature_area,
            t2.feature_perimeter,
            t2.feature_class_skey,
            t2.update_timestamp change_timestamp
from   (select fdu.fdu_id,
              fdu.fdu_name,
              fdu.entry_userid,
              fdu.entry_timestamp,
              fdu.fsp_id,
              fdu.fsp_amendment_number,
              fsp.plan_name,
              fsp.plan_decision_date,
              fsp.amendment_approval_date,
              fsp.plan_start_date,
              fsp.plan_end_date,
              fsp.fsp_status_code,
              MAX(CASE
                WHEN fsp.fsp_status_code IN ('APP', 'EFF') THEN
                  fsp.fsp_amendment_number
                ELSE
                  NULL
              END) over(PARTITION BY fdu.fsp_id) AS max_amendment_id,
              NEW fsp_licence_type(fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id) licence,
              NEW fsp_client_type(fdu.fsp_id, fdu.fsp_amendment_number) client,
              max(fdug.fsp_amendment_number) over(partition by fdu.fsp_id, fdu.fsp_amendment_number, fdu.fdu_id)
sp_update_amendment_number
from   forest_development_unit fdu
      join forest_stewardship_plan fsp on fdu.fsp_id = fsp.fsp_id
      and
      fdu.fsp_amendment_number = fsp.fsp_amendment_number
      left outer join forest_development_unit_geom fdug on fdu.fsp_id = fdug.fsp_id
      and fdu.fdu_id = fdug.fdu_id
      and fdug.fsp_amendment_number <= fdu.fsp_amendment_number
WHERE fsp.fsp_status_code IN ('APP', 'EFF', 'SUB', 'DFT')) t1
join forest_development_unit_geom t2 on t1.fsp_id = t2.fsp_id
      and t1.fdu_id = t2.fdu_id
      and t1.sp_update_amendment_number = t2.fsp_amendment_number

) tmp;

```

Table: FSP_FDU_POLY_50K_SPG**Description:**

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan; this layer is intended to be viewed at or around 1:50,000. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
6	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
8	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
9	SP_UPDATE_AMENDMENT_NUMBER The most recent amendment in which the geometry was altered.	NULL	VARCHAR2(240)
11	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
12	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
21	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
31	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
41	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
51	PLAN_END_DATE Date FSP expires	NULL	DATE
61	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
71	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID, FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
81	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER(10)
91	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Pending, Active or Retired.	NULL	VARCHAR2(10)
101	LICENCE1 First of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
111	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
121	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
131	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
141	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
151	FILE_TYPE_CODE3 The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTAS code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
161	LICENCE4	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY_50K_SPG (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
171	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
181	LICENCE5	NULL	VARCHAR2(10)
	Fifth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.		
191	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
201	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y?` identifies that there are more than five licences, whereas a value of `N?` identifies there are five or less licences.		
211	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
221	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
231	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
241	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
251	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
261	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
271	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
281	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
291	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
301	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client,		

Table: FSP_FDU_POLY_50K_SPG (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
311	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
321	GEOMETRY	NULL	
	An area-based spatial feature representing the tenure boundary.		
322	AMENDMENT_UPDATED_GEOMETRY_IND	NULL	VARCHAR2(240)
	Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').		
331	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
341	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
351	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
361	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		

Table: FSP_FDU_POLY_SVW*Description:*

The spatial representation of a Forest Development Unit representing a portion of a Forest Stewardship Plan. The Forest Development Unit is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
1	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
2	FDU_ID Unique identifier for Forest Development Unit	NOT NULL	NUMBER(10)
3	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
4	SP_UPDATE_AMENDMENT_NUMBER The most recent amendment in which the geometry was altered.	NULL	VARCHAR2(240)
5	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
6	FDU_NAME Textual name for Forest Development Unit, supplied by Forest Stewardship Plan holder	NOT NULL	VARCHAR2(120)
7	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
8	PLAN_START_DATE Date FSP comes into legal effect	NULL	DATE
9	PLAN_END_DATE Date FSP expires	NULL	DATE
10	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
11	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID, FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
12	CURRENT_AMENDMENT_NUMBER The amendment number of the amendment for this FSP that is in the APPROVED state. In the case that there is no APPROVED amendment for this FSP, the value will be NULL.	NULL	NUMBER
13	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Submitted, Approved or Previous.	NULL	VARCHAR2(8)
14	LICENCE1 One of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a hierarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 1, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
15	FILE_TYPE_CODE1 The FILE TYPE CODE associated with LICENCE1. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
16	LICENCE2 Second of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a hierarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 2, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
17	FILE_TYPE_CODE2 The FILE TYPE CODE associated with LICENCE2. A FILE TYPE CODE is the FTAS code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
18	LICENCE3 Third of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a hierarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 3, and multiple clients may be associated with the same LICENCE.	NULL	VARCHAR2(10)
19	FILE_TYPE_CODE3 The FILE TYPE CODE associated with LICENCE3. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.	NULL	VARCHAR2(10)
20	LICENCE4	NULL	VARCHAR2(10)

Table: FSP_FDU_POLY_SVW (cont'd)**Columns:**

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Fourth of a possible five licence id's. A licence is a number identifying a specific FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 4, and multiple clients may be associated with the same LICENCE.		
21	FILE_TYPE_CODE4	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE4. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
22	LICENCE5	NULL	VARCHAR2(10)
	Five of a possible five licence id's. A licence is a number identifying a speicfic FDU/FSP licence. LICENCE one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of licences assigned to this FSP FDU Polygon. The licence indicated by this field is not necessarily associated to the CLIENT NUMBER 5, and multiple clients may be associated with the same LICENCE.		
23	FILE_TYPE_CODE5	NULL	VARCHAR2(10)
	The FILE TYPE CODE associated with LICENCE5. A FILE TYPE CODE is the FTA code to indicate the type of file, and often synonymous with a tenure or a project.		
24	MORE_LICENCE_IND	NOT NULL	VARCHAR2(1)
	The MORE LICENCE IND field contains a value which indicates whether or not there are additional licences associated with it?s Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five licences, whereas a value of `N? identifies there are five or less licences.		
25	CLIENT_NUMBER1	NULL	VARCHAR2(8)
	First of a possible five client numbers. A cient number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
26	CLIENT_NAME1	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 1. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal surname if an Individual.		
27	CLIENT_NUMBER2	NULL	VARCHAR2(8)
	Second of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
28	CLIENT_NAME2	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 2. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
29	CLIENT_NUMBER3	NULL	VARCHAR2(8)
	Third of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
30	CLIENT_NAME3	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 3. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
31	CLIENT_NUMBER4	NULL	VARCHAR2(8)
	Fourth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
32	CLIENT_NAME4	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 4. The client name is the name of a Ministry Client, Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
33	CLIENT_NUMBER5	NULL	VARCHAR2(8)
	Fifth of a possible five client numbers. A client number is a sequentially assigned number to identify a ministry client. CLIENT NUMBER one through five are not sequential, nor do the numbers indicate a specific order or a heirarchy of clients assigned to this FSP FDU Polygon.		
34	CLIENT_NAME5	NULL	VARCHAR2(60)
	The client name associated with CLIENT NUMBER 5. The client name is the name of a Ministry Client,		

Table: FSP_FDU_POLY_SVW (cont'd)*Columns:*

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
	Company or Individual. Entered as: the full corporate name if a Corporation; the full registered name if a Partnership; the legal first name and surname if an Individual.		
35	MORE_CLIENT_IND	NOT NULL	VARCHAR2(1)
	The MORE CLIENT IND field contains a value which indicates whether or not there are additional clients associated with it's Forest Stewardship Plan but not directly identified within this record. A value of `Y? identifies that there are more than five clients, whereas a value of `N? identifies there are five or less clients.		
36	GEOMETRY	NULL	
	An area-based spatial feature representing the tenure boundary.		
37	AMENDMENT_UPDATED_GEOMETRY_IND	NULL	VARCHAR2(240)
	Indicates whether the geometry has been promoted from a previous ammendment ('N') or included as part of the current amendment ('Y').		
38	FEATURE_AREA	NULL	NUMBER(14,4)
	Spatial feature area in square metres. This value is calculated.		
39	FEATURE_PERIMETER	NULL	NUMBER(14,4)
	Spatial perimeter length in metres. This value is calculated.		
40	FEATURE_CLASS_SKEY	NOT NULL	NUMBER(10)
	Unique identifier for a spatial feature class.		
321	OBJECTID	NOT NULL	INTEGER
	a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.		

Table: FSP_IDENTIFIED_AREA_POLY*Description:*

The spatial representation of an Identified Area representing a portion of a Forest Stewardship Plan. The Identified Area is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 20	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
* 30	IDENTIFIED_AREA_ID System generated unique identifier for each declared area.	NOT NULL	NUMBER(10)
40	IDENTIFIED_AREA_NAME User entered unique name for each declared area.	NOT NULL	VARCHAR2(30)
50	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
60	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
70	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
80	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Submitted, Approved or Previous.	NULL	VARCHAR2(10)
90	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
100	FEATURE_CLASS_SKEY Unique identifier for a spatial feature class.	NOT NULL	NUMBER(10)
110	FSP_LEGISLATION_TYPE_CODE Legislation under which the declared area is declared.	NOT NULL	VARCHAR2(12)
120	GEOMETRY The geometry for this feature.	NOT NULL	
130	FEATURE_AREA Spatial feature area in hectares.	NOT NULL	NUMBER(14,4)
140	FEATURE_PERIMETER Spatial perimeter length in kilometer.	NOT NULL	NUMBER(14,4)
150	OBJECTID a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.	NOT NULL	INTEGER
160	CHANGE_TIMESTAMP The date and time of the most recent update to the Identified Areas table	NOT NULL	DATE

Unique Constraints:

FSP_FIAP_OBJECTID_UK
OBJECTID

Indexes:

FSP_FIAP_LCSC_I
LIFE_CYCLE_STATUS_CODE

Notes:

Added as part of FSP for the BVI project.

This table should really be a materialized view, but due to limitations in Oracle Replication for Spatial tables (as of 10gR2), it is a table instead. The data is retrieved from a view on the source system and is replicated to the table using the SDR (Spatial Data Replication) tool.

```
SELECT
fsp_id,
```

Table: FSP_IDENTIFIED_AREA_POLY (cont'd)*Notes:*

```

    fsp_amendment_number,
    identified_area_id,
    identified_area_name,
    plan_name,
    plan_decision_date,
    amendment_approval_date,
CASE
    WHEN FSP_STATUS_CODE = 'SUB' THEN
        'SUBMITTED'
    WHEN FSP_STATUS_CODE = 'DFT' THEN
        'DRAFT'
    WHEN fsp_amendment_number = max_amendment_id THEN
        'APPROVED'
    ELSE
        'PREVIOUS'
    END AS LIFE_CYCLE_STATUS_CODE,
    fsp_id||' ('||fsp_amendment_number||') -'||identified_area_name map_label,
    feature_class_skey,
    fsp_legislation_type_code,
    geometry,
    feature_area,
    feature_perimeter,
    to_number(identified_area_id||substr(to_char(fsp_amendment_number,'000'),-3)) objectid,
    change_timestamp
from (select ia.identified_area_id,
            ia.identified_area_name,
            ia.fsp_id,
            ia.fsp_amendment_number,
            ia.fsp_legislation_type_code,
            fsp.plan_name,
            fsp.plan_decision_date,
            fsp.amendment_approval_date,
            fsp.plan_start_date,
            fsp.plan_end_date,
            fsp.fsp_status_code,
            MAX(CASE
                WHEN fsp.fsp_status_code IN ('APP', 'EFF') THEN
                    fsp.fsp_amendment_number
                ELSE
                    NULL
            END) over(PARTITION BY ia.fsp_id) AS max_amendment_id,
            iag.geometry,
            iag.feature_area,
            iag.feature_perimeter,
            iag.feature_class_skey,
            iag.update_timestamp change_timestamp
    from   fsp_identified_area ia

join   forest_stewardship_plan fsp on ia.fsp_id = fsp.fsp_id
        and   ia.fsp_amendment_number = fsp.fsp_amendment_number
join   fsp_identified_area_geometry iag on ia.fsp_id = iag.fsp_id
        and   ia.fsp_amendment_number = iag.fsp_amendment_number
        and   ia.identified_area_id = iag.identified_area_id

) tmp;

```

Table: FSP_IDENTIFIED_AREA_POLY_SVW**Description:**

The spatial representation of an Identified Area representing a portion of a Forest Stewardship Plan. The Identified Area is the spatially-mapped area of land within a Forest Stewardship Plan where specific forest practices obligations apply to specific forest licensees.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
5	FSP_ID Unique identifier for Forest Stewardship Plan	NOT NULL	NUMBER(10)
10	FSP_AMENDMENT_NUMBER Identifies amendment level of FSP	NOT NULL	NUMBER(10)
20	IDENTIFIED_AREA_ID System generated unique identifier for each declared area.	NOT NULL	NUMBER(10)
30	IDENTIFIED_AREA_NAME User entered unique name for each declared area.	NOT NULL	VARCHAR2(30)
40	PLAN_NAME Textual name of FSP, provided by plan holder	NOT NULL	VARCHAR2(120)
50	PLAN_DECISION_DATE The date on which the original FSP or amendment is approved or rejected.	NULL	DATE
60	AMENDMENT_APPROVAL_DATE Date amendment to plan approved by MoFR	NULL	DATE
70	LIFE_CYCLE_STATUS_CODE The life cycle state of the item. One of Pending, Active or Retired.	NULL	VARCHAR2(10)
80	MAP_LABEL The default label to be used when displaying the feature on a map. Consists of the FSP_ID FSP_AMENDMENT_NUMBER and FDU_NAME.	NOT NULL	VARCHAR2(205)
90	FEATURE_CLASS_SKEY Unique identifier for a spatial feature class.	NOT NULL	NUMBER(10)
100	FSP_LEGISLATION_TYPE_CODE Legislation under which the declared area is declared.	NOT NULL	VARCHAR2(12)
110	GEOMETRY The geometry for this feature.	NULL	
120	FEATURE_AREA Spatial feature area in hectares.	NOT NULL	NUMBER(14,4)
130	FEATURE_PERIMETER Spatial perimeter length in kilometer.	NOT NULL	NUMBER(14,4)
140	OBJECTID a required attribute of feature classes and object classes in a geodatabase. This attribute is added to a SDE layer that was not previously created as part of a geodatabase but is now being registered with a geodatabase.	NOT NULL	INTEGER

Table: FTEN_FDU_LICENCE_XREF_MVW*Description:*

A materialized view providing a cross reference for the relationship between a Forest Development Unit and a forest licence. An FDU may contain many licences, and a licence may be included in many FDUs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FSP_ID A unique identifier for a forest development unit	NOT NULL	NUMBER(10)
* 20	FSP_AMENDMENT_NUMBER The amendment level (starting from 0 for the original plan) of the parent Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 30	FDU_ID A unique identifier for a forest development unit	NOT NULL	NUMBER(10)
* 40	FOREST_FILE_ID File identification assigned to Provincial Forest Use files. Assigned file number. Usually the Licence, Tenure or Private Mark number.	NOT NULL	VARCHAR2(10)

Table: FTEN_FDU_POLYGONS_SP*Description:*

A materialized view of the boundaries and basic features of a Forest Development Unit (FDU).
An FDU is a geographical unit of a Forest Development Plan.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 200	FSP_ID	NOT NULL	NUMBER(10)
	The unique identifier of the Forest Stewardship Plan that contains this FDU		
205	FDU_NAME	NOT NULL	VARCHAR2(120)
	The textual name of an FDU, assigned by the FSP licensee.		
* 210	FSP_AMENDMENT_NUMBER	NOT NULL	NUMBER(10)
	The amendment level (starting from 0 for the original plan) of the parent Forest Stewardship Plan		
* 220	FDU_ID	NOT NULL	NUMBER(10)
	A unique identifier for a forest development unit		
240	CURRENT_IND	NOT NULL	VARCHAR2(1)
	Indicates whether the FDU data is current, that is the most recently amended.		
250	FSP_STATUS_CODE	NOT NULL	VARCHAR2(4)
	A short textual code stating whether the parent Forest Stewardship Plan is approved or not		
255	LAST_SPATIAL_AMENDMENT_NUMBER	NOT NULL	NUMBER(10)
	The FSP amendment level of the parent Forest Stewardship Plan in which the FDU information was most recently changed.		
270	AMENDMENT_APPROVAL_DATE	NULL	DATE
	The date on which a particular amendment of the Forest Stewardship Plan was approved		
280	PLAN_NAME	NOT NULL	VARCHAR2(120)
	A textual name for the parent Forest Stewardship Plan.		
290	PLAN_APPROVAL_DATE	NULL	DATE
	The date on which the parent Forest Stewardship Plan was approved.		
300	GEOMETRY	NOT NULL	
	The spatial data describing the polygons making up the FDU		
310	ENTRY_USERID	NOT NULL	VARCHAR2(30)
	The user id (BCeID or IDIR) of the person responsible for submitting the FDU data		
320	ENTRY_TIMESTAMP	NOT NULL	DATE
	Contains the system timestamp when the data for this FDU was entered into FSP database		
330	OBJECTID	NOT NULL	NUMBER(10)

Unique Constraints:

SFP_ROWID_UK
OBJECTID

Table: FTEN_FSP_AGREEMENT_HOLDER_MVW*Description:*

A meterialized view that contains licensees who hold Forest Stewardship Plan agreements.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FSP_ID A unique identifier for a Forest Stewardship Plan (FSP)	NOT NULL	NUMBER(10)
* 20	FSP_AMENDMENT_NUMBER The amendment level (starting from 0 for the original plan) of a Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 30	CLIENT_NUMBER The unique Forestry client number identifying an agreement holder to an FSP	NOT NULL	VARCHAR2(8)

Table: FTEN_FSP_ORG_UNIT_MVW*Description:*

A materialized view identifying one or more Ministry of Forests and Range Organization Units (Org Units) that are responsible for approving and administering a Forest Stewardship Plan (FSP). An FSP may have many Org Units, and an Org Unit may be responsible for many FSPs.

Columns:

<u>Seq.</u>	<u>Column</u>	<u>Nulls?</u>	<u>Type</u>
* 10	FSP_ID A unique identifier for a Forest Stewardship Plan (FSP)	NOT NULL	NUMBER(10)
* 20	FSP_AMENDMENT_NUMBER The amendment level (starting from 0 for the original plan) of a Forest Stewardship Plan	NOT NULL	NUMBER(10)
* 30	ORG_UNIT_NO A unique number that identifies a Ministry of Forests and Range Organization Unit.	NOT NULL	NUMBER(10,0)