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```
public class AlertSubjectItem {  
    public string documentType;  
    public string documentId;  
    public string customerReference;  
    public int dealingGroupId;  
}
```

documentType is either Plan or Title or RegisteredPlan or Title_Available.

documentId is the identifier of the Plan or Title. For *documentType* Plan, only unregistered plans can be the subjects of Alerts subscriptions. Because several plan types are not used for new plans, in practice this means that valid plan prefixes are only PS, PC, SP, RP & CS. Also, SP, RP & CS plans must be "development" plans (ie they must have a /Dn suffix eg .../D2).

dealingGroupId represents the id of a group of dealing types. There are several hundred individual dealing types. System administrators define what dealing types belong to what groups. The purpose of this is to align with the needs of broad categories of customers. See Appendix D for current values.

```
public class AlertViewItem {  
    public string documentType;  
    public string documentId;  
    public string customerReference;  
    public int dealingGroupId;  
    public string startDateTime;  
    public int status;  
    public string statusDescription;  
}
```

```
public class ApplicantData {  
    public string name;  
    public string address1;  
    public string address2;  
    public string country;  
    public string phone;  
    public string dx;  
    public string fax;  
}
```

```
public class ApplicationData {
    public int number;
    public string customerReference;
    public string applicantName;
    public string applicantAddress;
    public string applicantPhone;
    public string applicantDx;
    public string applicantFax;
    public string streetAddress;
    public string municipality;
    public string lotPlans;
    public string instruments;
    public string parish;
    public string suburb;
    public string postcode;
    public string volumeFolio;
    public string book;
    public string memorial;
    public MapReference[] mapReferenceTable;
    public string creationDate;
    public string extraInformation;
    public string owner;
    public string settlementDate;
    public string rssReadingDate;
    public string wisNumber;
    public string policyNumber;
}

public class ApplicationItem {
    public int number;
    public string creationDate;
    public string customerReference;
    public string titleReference;
}

public class ApplicationSavedItem {
    public int id;
    public string customerReference;
    public int status;
    public string creationDate;
    public string initialIdentifiers;
}
```

```
public class AvailableCertificateItem {
    public int      id;
    public string   name;
    public string   fee;
    public string   isSelected;
    public int      authorityId;
    public string   authorityName;
    public string   authorityNameLink;
    public string   authorityFee;
    public int      authorityCharge;
    public int      authorityGst;
    public string   landataFee;
    public int      landataCharge;
    public int      landataGst;
    public string   landataFeeProductName;
    public string   additionalInfo;
    public string   isWaterMeter;
    public string   readingDate;
    public string   onlineIndicator;
    public string   isUnavailable;
    public string   deliveryPreference;
    public string   isTitleRequired;
    public string   isPlanRequired;
    public string   endCustomerWarning;
    public string   turnaroundTime;
    public int []   extraData;
    public int []   associatedTitleIndex;
    public int      orderOptionType;
    public string   orderOptionData;
    public string   isImaged;
    public string   isDeliveredByPost;
}
```

As applicable, *AvailableCertificateItem* rows will be returned for bodies corporate reports - both directly related to the title and lot on plan and also (possibly, more widely) to the plan - based on the VOTS data.

Two scenarios exist with bodies corporate in relation to plans and titles:

1. The body corporate certificate relates to (one of) the titles for the specified property.
2. The body corporate does not relate to the property specifically but relates to other properties (actually, lots) on the plan.

In scenario 1, the *associatedTitleIndex* carries a link to the title certificate. In scenario 2, the *associatedTitleIndex* member will be null. The Body Corporate reports will be ordered (ie listed) after the related plan in the table analogous to the way instruments follow their associated title.

The property *isImaged* have blank value for brokers. It is used for Aerial Photography Certificates which is currently not available for brokers.

```
public class BCManagerData {
    public string   planNumber;
    public string   bcNumber;
    public string   name;
    public string   address;
    public string   phoneNumber;
}
```

```
public class BodyCorporateItem {
    public string id;
    public string text;
}

public class BookMemorial {
    public string book;
    public string memorial;
}

public class CertificateData {
    public string data;           Note: contains base64 encoded certificate data string
    public string dataFormat;    Note: indicates the data format of the data
}

public class CertificateInfo {
    public int    id;
    public int    authorityId;
    public string type;
    public string messageTitle;
    public string footer;
}

public class CrownDefinition {
    public string SectionOrPortion;
    public string CrownAllotment;
    public string ParishName;
}

public class CrownDescription {
    public string allotment;
    public string section;
    public string block;
    public string portion;
    public string subdivision;
    public string parishDescription;
}

public class CrownDescriptionItem {
    public string allotment;
    public string block;
    public string section;
    public string portion;
    public string subdivision;
    public string parishDescription;
}

public class CustodianIdentifier {
    public string type;
    public string value;
}

public class DealingGroupItem {
    public int    id;
    public string name;
```

```
}  
  
public class Image {  
    public string data;  
    public int    width;  
    public int    height;  
    public string type;  
    public int    horizontalDpi;  
    public int    verticalDpi;  
}
```

```

public class IdentifierList {
    public PlanDescription[] planDescriptionTable;
    public CrownDescription[] crownDescriptionTable;
    public CustodianIdentifier[] custodianIdentifierTable;
    public string[] spiTable;
    public string[] titleReferenceTable;
    public string municipality;
    public string[] waterAuthorityTable;
    public string parish;
    public PropertyAddress propertyAddress;
    public MapReference[] mapReferenceTable;
    public PartyNameItem[] vendorNameTable;
    public string[] vendorCompanyNameTable;
    public PartyNameItem[] purchaserNameTable;
    public string[] purchaserCompanyNameTable;
    public string settlementDate;
    public string landTaxUseCode;
    public BookMemorial bookMemorial;
    public string salePrice;
    public string readingDate;
    public string[] instrumentNumberTable;
    public BCManagerData[] bcManagerDataTable;
    public string[] waterShareIdTable;
    public string[] waterDocumentIdTable;
    public string rssReadingDate;
    public string wisNumber;
    public string policyNumber;    //introduced for the 'DBI report' cert
}

public class ImageIdItem {
    public string label;
    public string link;
}

public class ImageStream {
    public string clientFileName;
    public string[] dataTable;
    public int width;
    public int height;
    public int width;
    public string type;
    public int horizontalDpi;
    public int verticalDpi;
    public string documentId;
}

public class InstrumentItem {
    public string id;
    public string text;
    public string documentType;
    public string type;
    public string subType;
    public string status;
    public string searchSection;
    public string source;
}

```

```
public class LotOnPlan {
    public string LotNumber
    public string PlanNumber;
}

public class PropertyInfo {
    public Guid? MessageId
    public string Status
    public List<string> ErrorMessages
    public string VolumeOrFolioReference
    public string FlatOrUnitNumber
    public string StreetNumber
    public string Street
    public string Locality
    public string State
    public string PostCode
    public List<LotOnPlan> LotOnPlans
    public string MunicipalityName
    public string MunicipalityPropertyNumber
    public List<CrownDefinition> CrownDefinitions
    public float? AreaOfLand
    public int? NumberOfBedrooms
    public string LandUseCode
    public string ConstructionMaterial
}

public class MapReference {
    public string name;
    public string page;
    public string grid;
}

public class NotificationItem {
    public int id;
    public int subscriptionId;
    public string dateTime;
    public int type;
    public string typeDescription;
    public string subjectDocumentType;
    public string subjectDocumentId;
    public string isViewed;
}

public class OcManagerData {
    public string authorityName;
    public int certificateId;
    public string certificateName;
    public int authorityFee;
    public int authorityGst;
    public int landataFee;
    public int landataGst;
    public string turnaroundTime;
}
```

```
public class OcManagerCertificateSelected {
    public int    bcManagerIndex;
    public string authorityName;
    public int    certificateId;
}
```

This class is used as the input parameter for *SwitchCertificates* web method.

During Property Certificate ordering process if section 151 Certificate for Owner Corporation has been ordered then user has to provide extra data for OcManager by population *bcManagerDataTable* property of *IdentifierList* class.

bcManagerIndex

bcManagerIndex is index of *bcManagerDataTable* starting at 1 .

For example

If a user ordered 2 section 151 Certificate for Owner Corporation in an order, then *bcManagerDataTable* must have 2 *BCManagerData* object populated.

When user call *PropertyIdentifierBuildMultiple* web service after adding additional data, the resulted *PropertyIdentifierXML* document contains following

```
<BCManagers>
  <BCManager Origin="CPVS">
    <Name>ACE Body Corporate (City)</Name>
    <Address>Long St Melbourne</Address>
    <PhoneNumber>0388889999</PhoneNumber>
    <PlanNumber>PS300001C</PlanNumber>
    <BCNumber>1</BCNumber>
  </BCManager>
  <BCManager Origin="CPVS">
    <Name>ACE Body Corporate (Malvern)</Name>
    <Address>Short St Melbourne</Address>
    <PhoneNumber>0388887777</PhoneNumber>
    <PlanNumber>PS300001C</PlanNumber>
    <BCNumber>3</BCNumber>
  </BCManager>
</BCManagers>
```

For *BCManager* name *ACE Body Corporate (City)*, the value of *bcManagerIndex* is 1

For *BCManager* name *ACE Body Corporate (Malvern)*, the value of *bcManagerIndex* is 2.

authorityName

authorityName is OC manager name.

User can get list of all OC managers available in landata database using GetOCManagerData web service. The web service returns *OcManagerData* object.

PropertyExtraDataValidate web service also returned *OcManagerData* Object. But the list of OC managers is limited to input provided for the web service.

If OC manager doesn't exists in the list then provide 'unknown' as *authorityName*.

certificateId

certificateId is the ID of the certificate which the user wants to switch to. It is referenced from the *OcManagerData* class.

```
public class OrderOption {
    public int type;
    public string data;
}
```

```
public class OrderTrackingItem {  
    public int    certificateId;  
    public string certificateName;  
    public int    authorityId;  
    public string authorityName;  
    public string additionalInfo;  
    public string status;  
    public TrackingEventItem[] trackingEventTable;  
    public string dateOrdered;  
    public string dateDespatched;  
}
```

```
public class ParcelItem {
    public string spi;
    public string parishCode;
    public string parishName;
    public string townshipCode;
    public string townshipName;
    public string allotmentReference;
    public string sectionReference;
    public string currencyOfParcel;
    public string address;
    public string landDescriptionVerified;
}

public class PartyNameItem {
    public string surname;
    public string firstGiven;
    public string secondGiven;
}

public class PartialDocumentDetails {
    public int    pageCount;
    public int    fileSize;
    public string isEndOfDocument;
}

public class PartialDocumentParameters {
    public int    startPage;
    public int    maxPages;
    public int    maxFileSizeInKiloBytes;
}

public class PdfImage {
    public string data;
    public string documentType;
    public string documentId;
}

public class PdfImageStream {
    public string clientFileName;
    public string[] dataTable;
    public string documentType;
    public string documentId;
}

public class PdfSettings {
    public string deliveryPreference;
    public string password;
    public int    encryptionLevel;
    public int    pushOption;
    public string emailAddress;
    public int    emailSizeLimit;
    public int    isSendConfirmationMessage;
    public string fromEmailAddress;
}
```

Field name	Valid values
pushOption	0 or 2

```

public class PlanDescription {
    public string lots;
    public string block;
    public string section;
    public string planNumber;
}

public class PostageInformation {
    public string recipientName; //mandatory field
    public string companyName;
    public string recipientContactNumber;
    public string recipientEmailAddress; //mandatory field
    public string postalAddress; //mandatory field
    public string suburb; //mandatory field
    public string state; //mandatory field
    public int     postcode; //mandatory field
}

```

No.	State name	'state' code (to be used in the PostageInformation)
1	Australian Capital Territory	ACT
2	New South Wales	NSW
3	Northern Territory	NT
4	Queensland	QLD
5	South Australia	SA
6	Tasmania	TAS
7	Victoria	VIC
8	Western Australia	WA

```

public class PropertyAddress {
    public string unitNumber;
    public string streetNumber;
    public string streetName;
    public string streetType;
    public string suburb;
    public string postcode;
}

public class SelectedCertificateItem {
    public int     index;
    public int     id;
    public string  name;
    public string  status;
    public int     authorityId;
    public string  authorityName;
    public string  authorityFee;
    public int     authorityCharge;
    public int     authorityGst;
    public string  landataFee;
}

```

```
    public int    landataCharge;
    public int    landataGst;
    public string turnaroundTime;
}

public class SelectionSettingsItem {
    public string isSelected;
    public string isOnlinePreferred;
    public string deliveryPreference;
    public string readingDate;
    public string isWarningAccepted;
}

public class SubjectDeletionItem {
    public string documentType;
    public string documentId;
}

public class SubscriptionListItem {
    public int    id;
    public string customerReference;
    public string startDate;
    public string endDate;
    public int    status;
    public string statusDescription;
}

public class SurveyInfo {
    public string status;
    public string priorPlan;
    public string supplementaryFieldNotes;
}

public class CertificateInfo {
    public string type;
    public string footer;
    public string messageTitle;
}

public class TitleStatusItem {
    public string reference;
    public string status;
    public string isFreeText;
    public string isDiagram;
}

public class PartyNameItem {
    public string surname;
    public string firstGiven;
    public string secondGiven;
}

public class TrackingEventItem {
    public string eventTime;
    public string eventDetails;
}
```

```
public class ViewableCertificateItem {  
    public int      id;  
    public string   name;  
    public string   viewLink;  
    public string   creationTime;  
    public int      applicationId;  
    public int      applicationNumber;  
    public int      authorityId;  
    public string   documentType;  
    public string   documentId;  
    public string   status;  
    public string   customerReference;  
    public string   faxLabel;  
    public string   faxLink;  
    public string   emailLabel;  
    public string   emailLink;  
    public string   orderReferenceData;  
    public int      pdfFileSize;  
    public int      pdfPages;  
}
```

For the definitive versions of these structures, please refer to:

<https://www.landata.vic.gov.au/Portal/<version>/external.wsdl>

Or

<https://portal1.landata.vic.gov.au/Portal/<version>/webservices/portal.asmx?wsdl>