



**Provincial Approach to Student Information
(PASI)**

**ALBERTA EDUCATION TRANSCRIPT
REQUEST AND RESPONSE PESC
XML SPECIFICATION**

Last Updated: May 11, 2016

Document Version: v1.0.0

Specification Applies To Transcript Revision: 2

REVISION HISTORY

Ensure that this document is current. Printed documents and locally copied files may become obsolete due to changes to the master document.

Revision	Date	Description of Change
v1.0.0	05/06/2016	First version of the specification

CONTENTS

1.0	INTRODUCTION	1
1.1	QUESTIONS AND OMISSIONS	2
1.2	XML DATA TYPES	3
2.0	TRANSCRIPT REQUEST	4
2.1	TRANSMISSIONDATA.....	5
2.1.1	Source.Organization	7
2.1.2	Destination.Organization	8
2.2	REQUEST.....	9
2.3	REQUEST.REQUESTEDSTUDENT	10
2.4	REQUEST.REQUESTEDSTUDENT.PERSON	11
2.4.1	AgencyIdentifier	12
2.4.2	Birth.....	13
2.4.3	Gender	14
2.5	REQUEST.RECIPIENT.....	15
2.5.1	TranscriptHold.....	17
2.5.2	ElectronicDelivery	18
3.0	TRANSCRIPT RESPONSE	19
3.1	TRANSMISSIONDATA.....	20
3.1.1	Source.Organization	21
3.1.2	Destination.Organization	22
3.2	RESPONSE.....	23
3.3	RESPONSE.REQUESTEDSTUDENT	24
3.4	RESPONSE.RESPONSEHOLD	25
3.5	RESPONSE.USERDEFINEDEXTENSIONS.....	26
3.5.1	CanceledReason	27
4.0	ASNs TO USE WHEN TESTING	28
APPENDIX A –	POTENTIAL CANCEL REASONS	29
APPENDIX B –	SAMPLE TRANSCRIPT REQUEST	30
APPENDIX C –	SAMPLE TRANSCRIPT RESPONSE - SUCCESSFUL	32
APPENDIX C –	SAMPLE TRANSCRIPT RESPONSE - CANCELLED	33

1.0 INTRODUCTION

This document outlines the contents and format of the Transcript Request and Response PESC format as delivered by Alberta Education. It is based on v1.4.0 of the Post-Secondary Electronic Standards Council (PESC) XML Standard Format for the Transcript Request and Response, from which it gets the definitions of the data elements, the segments into which they are organized, and the overall structure of the messages in PESC format.

This document is intended for use by Alberta Education and Post-Secondary Institutions where an electronic exchange of transcript data occurs.

As of May 6, 2016, a new version of the transcript xml published to Post-Secondary Institutions has been released that incorporates the revised concepts of the new official transcript. This version of the transcript xml has the following characteristics:

- Alberta Education will refer to the previous version of the transcript xml as “ApplyAlberta High School Transcript PESC”. PASI will support this version of the PESC transcript to allow the PSIs sufficient time to transition to the Alberta Education High School Transcript PESC. Support of this version of the ApplyAlberta High School Transcript PESC will eventually be phased out.
- Alberta Education will refer to the version of the transcript xml described in this document as “Alberta Education High School Transcript PESC”. This version of the transcript that has been created for the purpose of electronic distribution of the transcript with the Post-Secondary Institutions.
- The content of the transcript described by this specification aligns with the revised Alberta Education High School Transcript released April 1, 2015.
- This specification aligns with the following PESC Standard:
*Implementation Guide to the Postsecondary Electronic Standards Council
XML Standard Format published Dec 2014*

The PESC standard is available at the PESC website, <http://www.pesc.org/>, Transcript Request and Response. In order to document the PESC format as simply as possible, unused data elements and segments from the full PESC have been left out of this document.

Excluding elements from this document does not mean that they will always be absent from the Alberta Education standard. Any additions and or revisions to the PESC standard and the contents of the Alberta Education Request and Response messages will require a revision to this document. In general, unused elements are not included as part of this specification.

LOCATION OF THIS DOCUMENT

The most recent version of this document is located here:

<https://extranet.education.alberta.ca/PASI.devnet/PASI Documents/CurrentRelease/Integration Documents/PESC/>

1.1 QUESTIONS AND OMISSIONS

While every effort has been made to ensure the accuracy of this document, Alberta Education cannot be held liable for any error or omissions within this document or any effort on the part of any party to remediate their process or systems due to those errors or omissions.

Any questions/errors regarding the contents of this document should be sent to:

PASI.Readiness@gov.ab.ca

1.2 XML DATA TYPES

Refer to <http://www.w3.org/TR/xmlschema-2/> for more information on the details of the XML specification.

Data Type	Fomat and Examples
xs:date	Format: yyyy-mm-dd Example: 2014-12-22
xs:datetime	Format: yyyy-mm-ddThh:mm:ss{+-GMT} Example: 2014-12-22T08:15:36(-6)
xs:gYearMonth	Format: cyy-mm Example: 2014-06
xs:boolean	Possible values: true; false; 0; 1 Example: true
xs:integer	Used to specify a numeric value without a fractional component. Examples: 999, -999, +999

All string values will be using the UTF-8 character set.

2.0 TRANSCRIPT REQUEST

This section describes the xml that is sent with a student's high school transcript to a recipient Post-Secondary Institution.

Tag Name	Description	Format
TransmissionData	Routing and header information	minOcc 1 maxOcc 1
Request	Body of document. One segment per student	minOcc 1 maxOcc 1

Message illustration:

```
<TranscriptRequest>
  <TransmissionData>

  </TransmissionData>
  <Request>

  </Request>
</TranscriptRequest>
```

2.1 TRANSMISSIONDATA

Tag Name	Description	Format
DocumentID	The File Transmission Date and Time stamp with additional unique qualifying characters.	minOcc 1 maxOcc 1 maxLength 35
CreatedDateTime	The Date and Time stamp when the document was created.	minOcc 1 maxOcc 1 xs:datetime
DocumentTypeCode	Type and purpose of document being transmitted. The full list of enumerations in the PESC standard are supported. Note: Any transcripts that are generated will echo back the value provided in the transcript request. Note: It is recommended to use a value of "InstitutionRequest". Alberta Education does not use the value provided.	minOcc 1 maxOcc 1
TransmissionType	The nature of the Transmission Enumerations Used <ul style="list-style-type: none"> • "Original" 	minOcc 1 maxOcc 1
Source	This field is required and essential to indicate the school that is requesting the transcript.	minOcc 1 maxOcc 1
Destination	This field is mandatory and essential to indicate the school from which the source (requestor) is requesting the transcript.	minOcc 1 maxOcc 1
DocumentProcessCode	This element indicates a TEST or PRODUCTION document Enumerations Used <ul style="list-style-type: none"> • "TEST" • "PRODUCTION" 	minOcc 1 maxOcc 1
RequestTrackingID	The unique ID associated with a request action that is returned to the requestor for document matching and tracking. Note: Alberta Education requires a value that is unique for the source organization. Any duplicate value, will result in a response that says cancelled along with the appropriate cancel reasons. The original request is untouched, just the duplicate is cancelled.	minOcc 1 maxOcc 1 maxLength 35

Message illustration:

```
<TransmissionData>  
  <DocumentID/>  
  <CreatedDateTime/>  
  <DocumentTypeCode/>  
  <TransmissionType/>  
  <Source>  
  
  </Source>  
  <Destination>  
  
  </Destination>  
  <DocumentProcessCode/>  
  <RequestTrackingID/>  
</TransmissionData>
```

2.1.1 Source.Organization

This field is required and is essential to indicate the school that is requesting the transcript.

Tag Name	Description	Format
APAS	<p>The unique identifier of the recipient institution designated by ApplyAlberta that is the intended recipient of the high school transcript.</p> <p>Note: This attribute should be used if the recipient institution has been assigned an APAS identifier.</p> <p>Note: Only one of APAS or MutuallyDefined attributes should be used. Never both.</p>	<p>minOcc 0 maxOcc 1 maxLength 12</p>
MutuallyDefined	<p>The unique client identifier of the recipient institution designated by Alberta Education that is the intended recipient of the high school transcript.</p> <p>Note: This attribute should be used if the recipient institution has not been assigned an APAS identifier and has been assigned a client id by Alberta Education.</p> <p>Note: Only one of APAS or MutuallyDefined attributes should be used. Never both.</p>	<p>minOcc 0 maxOcc 1 maxLength 60</p>
OrganizationName	<p>Name of Non-person entity such as Organization, Institution, Agency or Business.</p> <p>Note: This will be the public name of the recipient institution.</p>	<p>minOcc 1 maxOcc 1 maxLength 60</p>

Message illustration:

```

<Source>
  <Organization>
    <APAS/>
    <MutuallyDefined/>
    <OrganizationName/>
  </Organization>
</Source>
    
```

2.1.2 Destination.Organization

This field is mandatory and essential to indicate the school from which the source (requestor) is requesting the transcript.

Tag Name	Description	Format
APAS	<p>The unique identifier of the destination institution designated by ApplyAlberta.</p> <p>Note: This attribute should be used if the source institution has made the request using an assigned an APAS identifier.</p> <p>Note: Only one of APAS or MutuallyDefined attributes should be used. Never both.</p>	<p>minOcc 0 maxOcc 1 maxLength 12</p>
MutuallyDefined	<p>The intended recipient of the high school transcript request.</p> <p>Note: This will always be "PASI".</p> <p>Note: This attribute should be used if the source institution has made the request using an assigned Mutually Defined identifier.</p> <p>Note: Only one of APAS or MutuallyDefined attributes should be used. Never both.</p>	<p>minOcc 0 maxOcc 1 maxLength 60</p>

Message illustration:

```

<Destination>
  <Organization>
    <APAS/>
    <MutuallyDefined/>
  </Organization>
</Destination>
    
```

2.2 REQUEST

Tag Name	Description	Format
CreatedDateTime	The date and time the request for a student transcript was created.	minOcc 1 maxOcc 1 xs:datetime
RequestedStudent	Biographical and demographic information about the student.	minOcc 1 maxOcc 1
Recipient	Information on the final destination of the transcript that is being requested.	minOcc 0 maxOcc 1

Message illustration:

```

<Request>
  <CreatedDateTime/>
  <RequestedStudent>

  </RequestedStudent>
  <Recipient>

  </Recipient>
</Request>
    
```

2.3 REQUEST.REQUESTEDSTUDENT

Biographical and demographic information about the student.

Tag Name	Description	Format
Person	This complex data element is used to provide a student ID assigned by an agency, state, province, etc.	minOcc 1 maxOcc 1
Attendance	<p>Information about current or previous schools attended, dates attended and awards received.</p> <p>Note: The PESC standard required this attribute. Alberta Education will not use any of the information provided in the attendance tag. It is included to pass scheme validation.</p> <p>The message illustration below shows the bare minimum needed to pass PESC scheme validation.</p>	minOcc 1 MaxOcc 1
ReleaseAuthorizedIndicator	<p>An indicator that the requestor has a proper authorization from the student to release the transcript.</p> <p>Note: A value of true indicates that the student has provided the proper authorization for a full release of all the information that Alberta Education provides on the High School Transcript. If false is provided, then school information will be withheld on the generated transcript.</p>	minOcc 1 maxOcc 1 xs:boolean

Message illustration:

```

<RequestedStudent>
  <Person>

    </Person>
  <Attendance>
    <School>
      <OrganizationName>Alberta Education</OrganizationName>
    </School>
  </Attendance>
  <ReleaseAuthorizedIndicator/>
</RequestedStudent>
    
```

2.4 REQUEST.REQUESTEDSTUDENT.PERSON

Biographical and demographic information about the student.

Tag Name	Description	Format
AgencyIdentifier	This complex data element is used to provide a student ID assigned by an agency, state, province, etc.	minOcc 1 maxOcc 1
Birth	Identifying information related to a person's birth. Note: This attribute is not required if the calling organization is the Government of Alberta. All other organizations must supply the birth date.	minOcc 0 maxOcc 1
Name	The name of the person whose transcript is being requested. Note: The PESC standard required this attribute. Alberta Education will not use any of the information provided in the name tag. It is included to pass scheme validation. The message illustration below shows the bare minimum needed to pass PESC scheme validation.	minOcc 1 maxOcc 1
Gender	Gender of the student. Note: If provided, then any transcript that is produced as a direct result of this request will echo back this gender. Note: It is not recommended to supply a gender. Alberta Education does not use gender if it is provided.	minOcc 0 maxOcc 1

Message illustration:

```

<Person>
  <AgencyIdentifier>

  </AgencyIdentifier>
  <Birth>

  </Birth>
  <Name/>
  <Gender>

  </Gender>
</Person>
    
```

2.4.1 AgencyIdentifier

This complex data element is used to provide a student ID assigned by an agency, state, province, etc.

Tag Name	Description	Format
AgencyAssignedID	An identification number that has been assigned to the student by a state or province or other agency. Note: For Alberta Education the AgencyAssignedID is the student's Alberta Student Number (ASN).	minOcc 1 maxOcc 1 maxLength 30
AgencyCode	A code that describes the type of agency that assigned the student's identification number. Enumerations Used <ul style="list-style-type: none"> • "Province" 	minOcc 1 maxOcc 1
AgencyName	The name of the state, province or agency that assigned the identification number to the student. Will always be "Alberta Education"	minOcc 1 maxOcc 1 maxLength 60
CountryCode	The code that identifies the country in the world in which the agency that assigned the ID to the student is located. Use ISO 3 155-1 alpha-2 standard. Will always be "CA"	minOcc 1 maxOcc 1
StateProvinceCode	The code that identifies the state or province in the US or Canada in which the agency that assigned the identification number to the student is located. Will always be "AB"	minOcc 1 maxOcc 1

Message illustration:

```
<AgencyIdentifier>
  <AgencyAssignedID/>
  <AgencyCode>Province</AgencyCode>
  <AgencyName>Alberta Education</AgencyName>
  <CountryCode>CA</CountryCode>
  <StateProvinceCode>AB</StateProvinceCode>
</AgencyIdentifier>
```

2.4.2 Birth

Identifying information related to a person's birth.

Tag Name	Description	Format
BirthDate	Date of Birth	minOcc 1 maxOcc 1 xs:date

Message illustration:

```
<Birth>
  <BirthDate/>
</Birth>
```


2.4.3 Gender

Gender of the student.

Tag Name	Description	Format
GenderCode	<p>The gender of the Student.</p> <p>Enumerations Used</p> <ul style="list-style-type: none"> • “Female” • “Male” • “Unreported” <p>Note: If provided, then any transcript that is produced as a direct result of this request will echo back this gender.</p>	<p>minOcc 1 maxOcc 1</p>

Message illustration:

```
<Gender>
  <GenderCode/>
</Gender>
```

2.5 REQUEST.RECIPIENT

Information on the final destination of the transcript that is being requested.

Tag Name	Description	Format
RequestTrackingID	This is the tracking ID created by the originating school which is also included in the Transmission Data.	minOcc 1 maxOcc 1 maxLength 35
Receiver	This is the ultimate receiver of the student transcript. Note: The PESC standard required this attribute. Alberta Education will not use any of the information provided in the receiver tag. It is included to pass scheme validation. The message illustration below shows the bare minimum needed to pass PESC scheme validation.	minOcc 1 maxOcc 1
TranscriptHold	This is information that is requesting that the school receiving this request not release the transcript until certain conditions have been met. Note: If not provided, then the transcript will be processed and generated as soon as possible.	minOcc 0 maxOcc 1
ElectronicDelivery	The type of electronic delivery requested for the requested transcript. Note: If not provided, then the transcript will be provided as xml.	minOcc 0 maxOcc 1
RushProcessingRequested	An indicator that specifies if rush processing is being requested. Note: This attribute should rarely be used and only should only be used if absolutely needed. This indicator is reserved for specific use cases that must be coordinated with Alberta Education.	minOcc 0 maxOcc 1 xs:boolean

Message illustration:

```
<Recipient>
  <RequestTrackingID/>
  <Receiver>
    <RequestorReceiverOrganization>
      <OrganizationName>SOMETHING</OrganizationName>
    </RequestorReceiverOrganization>
  </Receiver>
  <TranscriptHold>

  </TranscriptHold>
  <ElectronicDelivery>

  </ElectronicDelivery>
  <RushProcessingRequested/>
</Recipient>
```

2.5.1 TranscriptHold

This is information that is requesting that the school receiving this request not release the transcript until certain conditions have been met.

Tag Name	Description	Format
HoldType	<p>Instructions, to the recipient of the transcript request, about the timing of the release of the requested transcript.</p> <p>Enumerations Used</p> <ul style="list-style-type: none"> • “Now” indicates to generate the transcript now. • “AfterGradesPosted” indicates to generate the transcript based on the release of transcripts for the specified session designator. 	<p>minOcc 1 maxOcc 1</p>
SessionDesignator	<p>The academic session after which the requested transcript may be released.</p> <p>Note: This value is required if a HoldType other than “Now” is provided.</p>	<p>minOcc 0 maxOcc 1 xs:gYearMonth</p>

Message Illustration:

```
<TranscriptHold>
  <HoldType/>
  <SessionDesignator/>
</TranscriptHold>
```

2.5.2 ElectronicDelivery

The type of electronic delivery requested for the requested transcript.

Tag Name	Description	Format
ElectronicFormat	<p>Since electronic delivery has been requested, this allows the requestor to specify the type of electronic delivery preferred.</p> <p>Enumerations Used:</p> <ul style="list-style-type: none"> • “XML” indicates a PESC high school transcript. • “PDF” indicates a PDF of the high school transcript. • “PDFWithEmbeddedData” indicates a PESC high school transcript with the PDF of the high school transcript embedded in the xml. 	<p>minOcc 1 maxOcc 1</p>
ElectronicMethod	<p>The preferred method to use to transfer the requested transcript back to the requesting school.</p> <p>Enumerations Used:</p> <ul style="list-style-type: none"> • “DirectFileTransfer” 	<p>minOcc 1 maxOcc 1</p>

Message illustration:

```
<ElectronicDelivery>
  <ElectronicFormat/>
  <ElectronicMethod/>
</ElectronicDelivery>
```

3.0 TRANSCRIPT RESPONSE

This section describes the xml that is sent when sending a student's high school transcript to a recipient Post-Secondary Institution.

Tag Name	Description	Format
TransmissionData	Routing and header information	minOcc 1 maxOcc 1
Response	Body of document. One segment per student.	minOcc 1 maxOcc 1

Message illustration:

```
<TranscriptResponse>
  <TransmissionData>

  </TransmissionData>
  <Request>

  </Request>
</TranscriptResponse>
```

3.1 TRANSMISSIONDATA

Tag Name	Description	Format
DocumentID	The File Transmission Date and Time stamp with additional unique qualifying characters.	minOcc 1 maxOcc 1 maxLength 35
CreatedDateTime	The Date and Time stamp when the document was created.	minOcc 1 maxOcc 1 xs:datetime
DocumentTypeCode	Type and purpose of document being transmitted. Note: The transcript response will always echo back the value provided in the transcript request.	minOcc 1 maxOcc 1
TransmissionType	The nature of the Transmission Enumerations Used <ul style="list-style-type: none"> • "Original" 	minOcc 1 maxOcc 1
Source	Indicates the institution that is responding to a request for a transcript.	minOcc 1 maxOcc 1
Destination	Indicates the school/institution from which the request was received and to which the institution that received the request is responding.	minOcc 1 maxOcc 1
DocumentProcessCode	This element indicates a TEST or PRODUCTION document Enumerations Used <ul style="list-style-type: none"> • "TEST" • "PRODUCTION" 	minOcc 1 maxOcc 1
RequestTrackingID	The unique ID associated with a request action that is returned to the requestor for document matching and tracking.	minOcc 1 maxOcc 1 maxLength 35

Message illustration:

```

<TransmissionData>
  <DocumentID/>
  <CreatedDateTime/>
  <DocumentTypeCode/>
  <TransmissionType/>
  <Source>

  </Source>
  <Destination>

  </Destination>
  <DocumentProcessCode/>
  <RequestTrackingID/>
</TransmissionData>

```

3.1.1 Source.Organization

Indicates the source of the High School Transcript being sent.

Tag Name	Description	Format
APAS	The unique identifier of the source institution designated by ApplyAlberta that generated the high school transcript.	minOcc 0 maxOcc 1 maxLength 12
MutuallyDefined	A unique identifier of the Alberta Education system that generated the high school transcript. Note: This will always be "PASI"	minOcc 0 maxOcc 1 maxLength 60
OrganizationName	Name of Non-person entity such as Organization, Institution, Agency or Business. Note: This will always be "Alberta Education"	minOcc 1 maxOcc 1 maxLength 60
Contacts	To identify a person or an office at the sending school to which administrative communications should be directed. This will always contain the email address for the transcripts and diploma unit in Alberta Education.	minOcc 1 maxOcc 1

Message illustration:

```

<Source>
  <Organization>
    <APAS/>
    <MutuallyDefined/>
    <OrganizationName>Alberta Education</OrganizationName>
    <Contacts>
      <Email>
        <EmailAddress>tad@gov.ab.ca</EmailAddress>
      </Email>
    </Contacts>
  </Organization>
</Source>

```


3.1.2 Destination.Organization

Indicates the destination or recipient of the high school transcript being sent.

Tag Name	Description	Format
APAS	The unique identifier of the recipient institution designated by ApplyAlberta that is the intended recipient of the high school transcript. Note: Will be provided if the destination institution <u>is</u> an APAS PSI.	minOcc 0 maxOcc 1 maxLength 12
MutuallyDefined	This code set could be used by a selected set of trading partners if none of the other above code sets is appropriate. Note: Will be provided if the destination institution <u>is not</u> an APAS PSI.	minOcc 0 maxOcc 1 maxLength 60

Message illustration:

```
<Destination>
  <Organization>
    <APAS/>
    <MutuallyDefined/>
  </Organization>
</Destination>
```

3.2 RESPONSE

Tag Name	Description	Format
CreatedDateTime	The date and time the response to a request for a student transcript was created.	minOcc 1 maxOcc 1 xs:datetime
RequestTrackingID	The tracking ID that was originally assigned by the school that requested the student transcript.	minOcc 1 maxOcc 1 maxLength 35
ResponseStatus	Information about the status of the original request for the student transcript. Enumerations Used <ul style="list-style-type: none"> “Canceled” indicates that the request for a transcript has been rejected. “Hold” indicates that the transcript request has been received and that it has been scheduled to be generated in the future as indicated in the TranscriptHold. “TranscriptRequestReceived” indicates that the transcript request has been received and that it is currently being processed and generated. 	minOcc 1 maxOcc 1
ResponseHold	This is a further response to give information back to the requestor about the request. Note: This segment will only be included if the ResponseStatus is “Hold”.	minOcc 0 maxOcc 1
RequestedStudent	Information about the student whose transcript was requested.	minOcc 1 maxOcc 1
UserDefinedExtensions	Additional structured information. Requires mutually defined XML schema.	minOcc 0 maxOcc 1

Message illustration:

```

<Response>
  <CreatedDateTime/>
  <RequestTrackingID/>
  <ResponseStatus/>
  <ResponseHold>

  </ResponseHold>
  <RequestedStudent>

  </RequestedStudent>
  <UserDefinedExtension>

  </UserDefinedExtension>
</Response>
    
```

3.3 RESPONSE.REQUESTEDSTUDENT

Information about the student whose transcript was requested.

Tag Name	Description	Format
Person	<p>Information that identifies the student whose transcript is being requested.</p> <p>Note: The PESC standard requires this attribute. Alberta Education will not provide any meaningful information. It is included to pass scheme validation.</p> <p>The message illustration below shows the bare minimum needed to pass PESC scheme validation.</p>	<p>minOcc 1 maxOcc 1</p>
Attendance	<p>Information about the prior attendance at the school from which the transcript was being requested and from other schools that might help in identifying the student.</p> <p>Note: The PESC standard requires this attribute. Alberta Education will not provide any meaningful information. It is included to pass scheme validation.</p> <p>The message illustration below shows the bare minimum needed to pass PESC scheme validation.</p>	<p>minOcc 1 MaxOcc 1</p>
ReleaseAuthorizedIndicator	<p>An indicator that the requestor has a proper authorization from the student to release the transcript.</p> <p>Note: The value that was provided in the original transcript request will always be echoed back. If no value provided then will be false.</p>	<p>minOcc 1 maxOcc 1 xs:boolean</p>

Message illustration:

```
<RequestedStudent>
  <Person>
    <Name/>
  </Person>
  <Attendance>
    <School>
      <OrganizationName>Alberta Education</OrganizationName>
    </School>
  </Attendance>
  </ReleaseAuthorizedIndicator>
</RequestedStudent>
```

3.4 RESPONSE.RESPONSEHOLD

This is a further response to give information back to the requestor about the request.

Tag Name	Description	Format
HoldReason	<p>The reason why the request for the transcript was not honored and no transcript is being sent back to the requestor.</p> <p>Enumerations Used</p> <ul style="list-style-type: none"> • "Other" 	<p>minOcc 1 maxOcc 1</p>
PlannedReleaseDate	<p>This is the date when the transcript will be sent.</p> <p>Note: The date is the scheduled release date. The actual date the transcript is processed and generated could, in rare situations, vary depending on the day to day operations in Alberta Education.</p>	<p>minOcc 1 maxOcc 1 xs:date</p>

Message illustration:

```
<ResponseHold>
  <HoldReason/>
  <PlannedReleaseDate/>
</ResponseHold>
```

3.5 RESPONSE.USERDEFINEDEXTENSIONS

This provides additional detailed information back to the requestor about the why a request was cancelled.

Please note that all of these elements will appear with in a <Extensions> xml element. The message illustration shows the full structure.

Tag Name	Description	Format
CanceledReason	<p>A specific reason why the request for the transcript was not honored and no transcript is being sent back to the requestor.</p> <p>Note: Will only be provided if the ResponseStatus is "Canceled".</p>	<p>minOcc 0 maxOcc Many</p>

Message illustration:

```
<UserDefinedExtensions>
  <Extensions>
    <CanceledReason/>
  </Extensions>
</UserDefinedExtensions>
```

3.5.1 CanceledReason

Provides detail on why a transcript request was canceled.

Appendix A has a list of the potential cancel reasons.

Tag Name	Description	Format
CancelReasonNumber	The unique identifier of the cancel reason message that explains why the transcript request was rejected.	minOcc 1 maxOcc 1 xs:Integer
CancelReasonMessage	The cancel reason message that provided user friendly information as to why the transcript request was rejected.	minOcc 1 maxOcc 1 maxLength 400

Message illustration:

```
<CanceledReason>
  <CancelReasonNumber/>
  <CancelReasonMessage/>
</CanceledReason>
```

4.0 ASNs TO USE WHEN TESTING

Only ASNs that are on a whitelist can be used in the non-production environments.

All transcript requests made using an ASN that is not on the ASN whitelist and made in an environment other than production will be ignored.

LOCATION OF ASN WHITELIST DOCUMENT

The most recent version of this document is located here:

<https://extranet.education.alberta.ca/PASI.devnet/PASI Documents/CurrentRelease/Integration Documents/PESC/>

APPENDIX A – POTENTIAL CANCEL REASONS

The following is a list of cancel reasons that could be returned:

Number	Message Details
9002	Invalid Alberta Student Number. The ASN provided ({StateProvinceId}) either does not exist or is not accessible.
9009	Invalid Alberta Student Number. The Alberta Student Number ({StateProvinceId}) has been deactivated within PASI. Deactivated Alberta Student Numbers cannot be used.
60002	Invalid Alberta Student Number. You cannot make this request for a secondary Alberta Student Number ({SecondaryASN}). Use the primary Alberta Student Number ({PrimaryASN}) instead.
70002	ASN and Birthdate do not match. Contact student to verify information.
70003	Duplicate of an Existing Request. A transcript request has already been received for this ASN and release date.
70004	Unsupported HoldType. Only a HoldType of "Now" or "AfterGradesPosted" are supported.
70005	Empty Transcript. The request is being canceled because the transcript for the requested ASN will be empty.
70007	Unsupported SessionDesignator. The following values are supported: {AvailableSessionDesignators}.
70008	Transcript Request Manually Cancelled. The transcript request has been manually cancelled with the following reason: {StatusChangeReason}.
70009	Transcript Not Available for the ASN in Environment. The request for the transcript has been cancelled since the transcript is for a student that is not on the whitelist of allowable ASNs in this environment.
70010	Unsupported ElectronicFormat. Only an ElectronicFormat of "XML", "PDF" or "PDFWithEmbeddedData" are supported.
70011	Unsupported ElectronicMethod. Only an ElectronicFormat of "DirectFileTransfer" is supported.
70012	Unsupported AgencyIdentifier. Only transcript requests with an AgencyAssignedID assigned by Alberta Education is supported.

Note: Alberta Education reserves the right to update/modify the content of the cancel reason message based on business need.

Note: Additional cancel reasons could be added without an update to this specification. Systems should be able to handle unknown cancel reasons.

APPENDIX B – SAMPLE TRANSCRIPT REQUEST

```
<?xml version="1.0" encoding="UTF-8"?>
<TR:TranscriptRequest
  xmlns:TR="urn:org:pesc:message:TranscriptRequest:v1.4.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:org:pesc:message:TranscriptRequest:v1.4.0
TranscriptRequest_v1.4.0.xsd">
  <TR:TransmissionData>
    <DocumentID>1</DocumentID>
    <CreatedDateTime>2016-03-21T17:30:15-05:00</CreatedDateTime>
    <DocumentTypeCode>StudentRequest</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <APAS>48033000</APAS>
        <OrganizationName>NAIT - Northern Alberta Institute of
Technology</OrganizationName>
      </Organization>
    </Source>
    <Destination>
      <Organization>
        <APAS>6251782027</APAS>
      </Organization>
    </Destination>
    <RequestTrackingID>QA0038</RequestTrackingID>
  </TR:TransmissionData>
  <TR:Request>
    <CreatedDateTime>2016-03-22T17:30:15-05:00</CreatedDateTime>
    <RequestedStudent>
      <Person>
        <AgencyIdentifier>
          <AgencyAssignedID>780107611</AgencyAssignedID>
          <AgencyCode>Province</AgencyCode>
          <AgencyName>Alberta Education</AgencyName>
          <CountryCode>CA</CountryCode>
          <StateProvinceCode>AB</StateProvinceCode>
        </AgencyIdentifier>
        <Birth>
          <BirthDate>1900-01-01</BirthDate>
        </Birth>
        <Name/>
        <Gender>
          <GenderCode>Unreported</GenderCode>
        </Gender>
      </Person>
      <Attendance>
        <School>
          <OrganizationName>a</OrganizationName>
        </School>
      </Attendance>
      <ReleaseAuthorizedIndicator>true</ReleaseAuthorizedIndicator>
    </RequestedStudent>
    <Recipient>
```

```
<RequestTrackingID>QA0038</RequestTrackingID>
<Receiver>
  <RequestorReceiverOrganization>
    <OrganizationName>A</OrganizationName>
  </RequestorReceiverOrganization>
</Receiver>
<TranscriptHold>
  <HoldType>Now</HoldType>
</TranscriptHold>
<ElectronicDelivery>
  <ElectronicFormat>PDFWithEmbeddedData</ElectronicFormat>
  <ElectronicMethod>DirectFileTransfer</ElectronicMethod>
</ElectronicDelivery>
<RushProcessingRequested>>false</RushProcessingRequested>
</Recipient>
</TR:Request>
</TR:TranscriptRequest
```

APPENDIX C – SAMPLE TRANSCRIPT RESPONSE - SUCCESSFUL

```

<tr:TranscriptResponse xmlns:tr="urn:org:pesc:message:TranscriptResponse:v1.4.0"
xmlns:pasi="urn:pasi:alberta:education:v1.0.0"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <tr:TransmissionData>
    <DocumentID>5305a5260e7641cdb5f0514bd4957ab8</DocumentID>
    <CreatedDateTime>2016-05-09T16:49:04.3489121Z</CreatedDateTime>
    <DocumentTypeCode>StudentRequest</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <APAS>6735777330</APAS>
        <OrganizationName>Alberta Education (PASI-DEV)</OrganizationName>
        <Contacts>
          <Email>
            <EmailAddress>tad@gov.ab.ca</EmailAddress>
          </Email>
        </Contacts>
      </Organization>
    </Source>
    <Destination>
      <Organization>
        <APAS>48033000</APAS>
      </Organization>
    </Destination>
    <DocumentProcessCode>TEST</DocumentProcessCode>
    <RequestTrackingID>QA0038</RequestTrackingID>
  </tr:TransmissionData>
  <tr:Response>
    <CreatedDateTime>2016-05-09T16:49:04.3489121Z</CreatedDateTime>
    <RequestTrackingID>QA0038</RequestTrackingID>
    <ResponseStatus>TranscriptRequestReceived</ResponseStatus>
    <RequestedStudent>
      <Person>
        <Name />
      </Person>
      <Attendance>
        <School>
          <OrganizationName>Organization Name</OrganizationName>
        </School>
      </Attendance>
      <ReleaseAuthorizedIndicator>true</ReleaseAuthorizedIndicator>
    </RequestedStudent>
  </tr:Response>
</tr:TranscriptResponse>

```

APPENDIX C – SAMPLE TRANSCRIPT RESPONSE - CANCELLED

```

<tr:TranscriptResponse xmlns:tr="urn:org:pesc:message:TranscriptResponse:v1.4.0"
xmlns:pasi="urn:pasi:alberta:education:v1.0.0"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <tr:TransmissionData>
    <DocumentID>8fb7da0cf11644f8bb0d16deb5793eb9</DocumentID>
    <CreatedDateTime>2016-05-09T16:57:41.1379814Z</CreatedDateTime>
    <DocumentTypeCode>StudentRequest</DocumentTypeCode>
    <TransmissionType>Original</TransmissionType>
    <Source>
      <Organization>
        <APAS>6735777330</APAS>
        <OrganizationName>Alberta Education (PASI-DEV)</OrganizationName>
        <Contacts>
          <Email>
            <EmailAddress>tad@gov.ab.ca</EmailAddress>
          </Email>
        </Contacts>
      </Organization>
    </Source>
    <Destination>
      <Organization>
        <APAS>48033000</APAS>
      </Organization>
    </Destination>
    <DocumentProcessCode>TEST</DocumentProcessCode>
    <RequestTrackingID>QA0039</RequestTrackingID>
  </tr:TransmissionData>
  <tr:Response>
    <CreatedDateTime>2016-05-09T16:57:41.1379814Z</CreatedDateTime>
    <RequestTrackingID>QA0039</RequestTrackingID>
    <ResponseStatus>Canceled</ResponseStatus>
    <RequestedStudent>
      <Person>
        <Name />
      </Person>
      <Attendance>
        <School>
          <OrganizationName>Organization Name</OrganizationName>
        </School>
      </Attendance>
      <ReleaseAuthorizedIndicator>true</ReleaseAuthorizedIndicator>
    </RequestedStudent>
    <UserDefinedExtensions>
      <pasi:Extensions>
        <CanceledReason>
          <CancelReasonNumber>70002</CancelReasonNumber>
          <CancelReasonMessage>ASN and Birthdate do not match. Contact
student to verify information.</CancelReasonMessage>
        </CanceledReason>
      </pasi:Extensions>
    </UserDefinedExtensions>
  </tr:Response>
</tr:TranscriptResponse>

```

```
</tr:Response>  
</tr:TranscriptResponse>
```