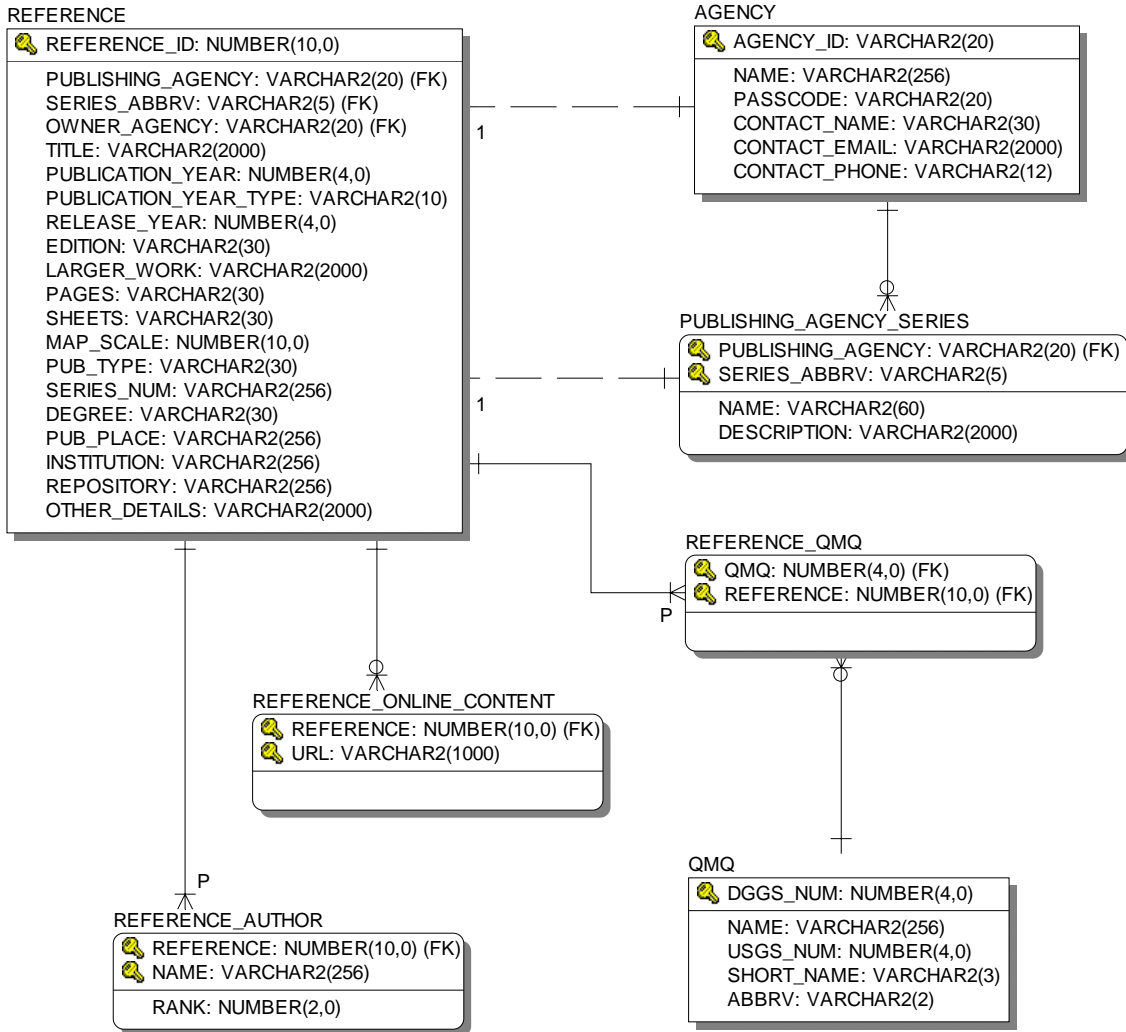

MDIRA Alaska Bibliography Physical Database Diagram Report

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1PicturesectionTables/Tables**Tables/Tables**



Views/Views/Views/Views

FULL_REFERENCE

REFERENCE_ID: NUMBER(10,0)
 PUBLICATION_YEAR: NUMBER(4,0)
 PUBLICATION_YEAR_TYPE: VARCHAR2(10)
 RELEASE_YEAR: NUMBER(4,0)
 TITLE: VARCHAR2(2000)
 LARGER_WORK: VARCHAR2(2000)
 EDITION: VARCHAR2(30)
 PUBLISHING_AGENCY: VARCHAR2(256)
 PUB_AGENCY_ABBRV: VARCHAR2(20)
 SERIES: VARCHAR2(60)
 SERIES_ABBRV: VARCHAR2(5)
 SERIES_NUM: VARCHAR2(256)
 PUB_TYPE: VARCHAR2(30)
 INSTITUTION: VARCHAR2(256)
 DEGREE: VARCHAR2(30)
 OTHER_DETAILS: VARCHAR2(2000)
 PAGES: VARCHAR2(30)
 SHEETS: VARCHAR2(30)
 MAP_SCALE: NUMBER(10,0)
 REPOSITORY: VARCHAR2(256)
 OWNER_AGENCY: VARCHAR2(256)
 OWNER_AGENCY_ABBRV: VARCHAR2(20)
 PUB_PLACE: VARCHAR2(256)

FULL_REFERENCE_WITH_AUTHORS

REFERENCE_ID: NUMBER(10,0)
 PUBLICATION_YEAR: NUMBER(4,0)
 PUBLICATION_YEAR_TYPE: VARCHAR2(10)
 RELEASE_YEAR: NUMBER(4,0)
 TITLE: VARCHAR2(2000)
 LARGER_WORK: VARCHAR2(2000)
 EDITION: VARCHAR2(30)
 PUBLISHING_AGENCY: VARCHAR2(256)
 PUB_AGENCY_ABBRV: VARCHAR2(20)
 SERIES: VARCHAR2(60)
 SERIES_ABBRV: VARCHAR2(5)
 SERIES_NUM: VARCHAR2(256)
 PUB_TYPE: VARCHAR2(30)
 INSTITUTION: VARCHAR2(256)
 DEGREE: VARCHAR2(30)
 OTHER_DETAILS: VARCHAR2(2000)
 PAGES: VARCHAR2(30)
 SHEETS: VARCHAR2(30)
 MAP_SCALE: NUMBER(10,0)
 REPOSITORY: VARCHAR2(256)
 OWNER_AGENCY: VARCHAR2(256)
 OWNER_AGENCY_ABBRV: VARCHAR2(20)
 PUB_PLACE: VARCHAR2(256)
 AUTHOR: VARCHAR2(256)
 RANK: NUMBER(2,0)

REFERENCE_QMQS

QMQ_NAME: VARCHAR2(256)
 QMQ: NUMBER(4,0)
 REFERENCE: NUMBER(10,0)

FULL_REFERENCE_WITH_QMQS

REFERENCE_ID: NUMBER(10,0)
 PUBLICATION_YEAR: NUMBER(4,0)
 PUBLICATION_YEAR_TYPE: VARCHAR2(10)
 RELEASE_YEAR: NUMBER(4,0)
 TITLE: VARCHAR2(2000)
 LARGER_WORK: VARCHAR2(2000)
 EDITION: VARCHAR2(30)
 PUBLISHING_AGENCY: VARCHAR2(256)
 PUB_AGENCY_ABBRV: VARCHAR2(20)
 SERIES: VARCHAR2(60)
 SERIES_ABBRV: VARCHAR2(5)
 SERIES_NUM: VARCHAR2(256)
 PUB_TYPE: VARCHAR2(30)
 INSTITUTION: VARCHAR2(256)
 DEGREE: VARCHAR2(30)
 OTHER_DETAILS: VARCHAR2(2000)
 PAGES: VARCHAR2(30)
 SHEETS: VARCHAR2(30)
 MAP_SCALE: NUMBER(10,0)
 REPOSITORY: VARCHAR2(256)
 OWNER_AGENCY: VARCHAR2(256)
 OWNER_AGENCY_ABBRV: VARCHAR2(20)
 PUB_PLACE: VARCHAR2(256)
 QMQ_ID: NUMBER(4,0)
 QMQ_NAME: VARCHAR2(256)

FULL_REFERENCE_WITH_URLS

REFERENCE_ID: NUMBER(10,0)
 PUBLICATION_YEAR: NUMBER(4,0)
 PUBLICATION_YEAR_TYPE: VARCHAR2(10)
 RELEASE_YEAR: NUMBER(4,0)
 TITLE: VARCHAR2(2000)
 LARGER_WORK: VARCHAR2(2000)
 EDITION: VARCHAR2(30)
 PUBLISHING_AGENCY: VARCHAR2(256)
 PUB_AGENCY_ABBRV: VARCHAR2(20)
 SERIES: VARCHAR2(60)
 SERIES_ABBRV: VARCHAR2(5)
 SERIES_NUM: VARCHAR2(256)
 PUB_TYPE: VARCHAR2(30)
 INSTITUTION: VARCHAR2(256)
 DEGREE: VARCHAR2(30)
 OTHER_DETAILS: VARCHAR2(2000)
 PAGES: VARCHAR2(30)
 SHEETS: VARCHAR2(30)
 MAP_SCALE: NUMBER(10,0)
 REPOSITORY: VARCHAR2(256)
 OWNER_AGENCY: VARCHAR2(256)
 OWNER_AGENCY_ABBRV: VARCHAR2(20)
 PUB_PLACE: VARCHAR2(256)
 URL: VARCHAR2(1000)

FULL_REFERENCE_WITH_ALL

REFERENCE_ID: NUMBER(10,0)
 PUBLICATION_YEAR: NUMBER(4,0)
 PUBLICATION_YEAR_TYPE: VARCHAR2(10)
 RELEASE_YEAR: NUMBER(4,0)
 TITLE: VARCHAR2(2000)
 LARGER_WORK: VARCHAR2(2000)
 EDITION: VARCHAR2(30)
 PUBLISHING_AGENCY: VARCHAR2(256)
 PUB_AGENCY_ABBRV: VARCHAR2(20)
 SERIES: VARCHAR2(60)
 SERIES_ABBRV: VARCHAR2(5)
 SERIES_NUM: VARCHAR2(256)
 PUB_TYPE: VARCHAR2(30)
 INSTITUTION: VARCHAR2(256)
 DEGREE: VARCHAR2(30)
 OTHER_DETAILS: VARCHAR2(2000)
 PAGES: VARCHAR2(30)
 SHEETS: VARCHAR2(30)
 MAP_SCALE: NUMBER(10,0)
 REPOSITORY: VARCHAR2(256)
 OWNER_AGENCY: VARCHAR2(256)
 OWNER_AGENCY_ABBRV: VARCHAR2(20)
 PUB_PLACE: VARCHAR2(256)
 QMQ_ID: NUMBER(4,0)
 QMQ_NAME: VARCHAR2(256)
 AUTHOR: VARCHAR2(256)
 RANK: NUMBER(2,0)
 URL: VARCHAR2(1000)

Tables

2. 'Tables' sectionTable TableTable	
Name	Comment
AGENCY	Contains a row for each publishing / maintenance agency. An agency is a maintenance agency when the passcode and contact information is provided.
PUBLISHING_AGENCY_SERIES	This table contains all the possible combinations of Agency / Publication Series values used in this system. Provides validation in terms of specific publication types.
QMQ	Contains a row for each USGS Quarter Million Quadrangle (1:250,000) of Alaska. Also contains Statewide and costal references.
REFERENCE	Contains one row for each unique bibliography reference to a publication that is defined to be a part of this system. (Atomic)
REFERENCE_AUTHOR	This table contains a row for each author of the related reference.
REFERENCE_ONLINE_CONTENT	Contains one row for each web compatible content (image, document, etc.) of the related reference.
REFERENCE_QMQ	Contains one row for each USGS Quarter Million Quadrangle related to the reference.

Column(s) of "AGENCY" TableColumn(s) of "AGENCY" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
AGENCY_ID	VARCHAR2(20)	NOT NULL	ID, acronym or short name of the Agency.	Yes	No
NAME	VARCHAR2(256)	NOT NULL	The full, descriptive name of the Agency compatible with the STA.	No	No
PASSCODE	VARCHAR2(20)	NOT NULL	A password user must identify before entering the system.	No	No
CONTACT_NAME	VARCHAR2(30)	NOT NULL	Agency main contact person's full name in format: first last.	No	No
CONTACT_EMAIL	VARCHAR2(2000)	NOT NULL	Agency contact full email address including domain. This attribute may contain more than one address in a comma delimited list. The first address will be the TO: address and all others will be CC: addresses.	No	No
CONTACT_PHONE	VARCHAR2(12)	NULL	Agency contact phone number in format: xxx-xxx-xxxx	No	No

Column(s) of "PUBLISHING_AGENCY_SERIES" TableColumn(s) of "PUBLISHING_AGENCY_SERIES" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
PUBLISHING_AGENCY	VARCHAR2(20)	NOT NULL	ID, acronym or short name of the Agency.	Yes	Yes
SERIES_ABBRV	VARCHAR2(5)	NOT NULL	The abbreviation for this publication series.	Yes	No
NAME	VARCHAR2(60)	NOT NULL	Full name of the publication series.	No	No

Column(s) of "PUBLISHING_AGENCY_SERIES" Table "PUBLISHING_AGENCY_SERIES" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
DESCRIPTION	VARCHAR2(2000)	NOT NULL	A complete description of the publication series.	No	No

Column(s) of "QMQ" Table "QMQ" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
DGGS_NUM	NUMBER(4,0)	NOT NULL	Unique number given to the USGS Quarter Million Quadrangle by DGGS. Considered the definitive ID.	Yes	No
NAME	VARCHAR2(256)	NOT NULL	The common name of the quadrangle.	No	No
USGS_NUM	NUMBER(4,0)	NULL	Unique number given to the quadrangle by the USGS.	No	No
SHORT_NAME	VARCHAR2(3)	NULL	The three letter short name for quadrangle.	No	No
ABBRV	VARCHAR2(2)	NULL	Two letter abbreviation given by the USGS.	No	No

Column(s) of "REFERENCE" Table "REFERENCE" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
REFERENCE_ID	NUMBER(10,0)	NOT NULL	A unique identifier for each reference.	Yes	No
PUBLISHING_AGENCY	VARCHAR2(20)	NULL	ID, acronym or short name of the Agency.	No	Yes
SERIES_ABBRV	VARCHAR2(5)	NULL	The abbreviation for this publication series.	No	Yes
OWNER_AGENCY	VARCHAR2(20)	NOT NULL	ID, acronym or short name of the Agency.	No	Yes
TITLE	VARCHAR2(2000)	NOT NULL	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.	No	No
PUBLICATION_YEAR	NUMBER(4,0)	NULL	The year of publication listed either on the title page of the publication or in the copyright page.	No	No
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	NOT NULL	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type	No	No

Column(s) of "REFERENCE" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
			should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.		
RELEASE_YEAR	NUMBER(4,0)	NULL	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.	No	No
EDITION	VARCHAR2(30)	NULL	The version of the publication if the publication has been reissued with new information.	No	No
LARGER_WORK	VARCHAR2(2000)	NULL	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.	No	No
PAGES	VARCHAR2(30)	NULL	The total number of numbered pages or the range of numbered pages.	No	No
SHEETS	VARCHAR2(30)	NULL	The number of numbered plates or sheets which comprise the publication.	No	No
MAP_SCALE	NUMBER(10,0)	NULL	Integer value of the denominator of the map scale if published as a map.	No	No
PUB_TYPE	VARCHAR2(30)	NOT NULL	What type of publication is this in terms of this system.	No	No
SERIES_NUM	VARCHAR2(256)	NULL	The text string that uniquely identifies the series and issue of the published reference.	No	No
DEGREE	VARCHAR2(30)	NULL	The academic degree level at which the report was written.	No	No
PUB_PLACE	VARCHAR2(256)	NULL	The total number of numbered pages or the range of	No	No

Column(s) of "REFERENCE" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
			numbered pages.		
INSTITUTION	VARCHAR2(256)	NULL	Name of individual or organization that published.	No	No
REPOSITORY	VARCHAR2(256)	NULL	Where the publication is stored physically.	No	No
OTHER_DETAILS	VARCHAR2(2000)	NULL	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.	No	No

Trigger(s) of "REFERENCE" Table			
Name	Fire	Type	Scope
REF_SEQ_ID_PRE_INS	BEFORE	INSERT	for each row

Column(s) of "REFERENCE_AUTHOR" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
REFERENCE	NUMBER(10,0)	NOT NULL	A unique identifier for each reference.	Yes	Yes
NAME	VARCHAR2(256)	NOT NULL	The full name of author related to this publication reference.	Yes	No
RANK	NUMBER(2,0)	NOT NULL	The rank of the author in terms of all other authors associated with this reference. Order is determined by the order the data is entered starting with 1.	No	No

Column(s) of "REFERENCE_ONLINE_CONTENT" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
REFERENCE	NUMBER(10,0)	NOT NULL	A unique identifier for each reference.	Yes	Yes
URL	VARCHAR2(1000)	NOT NULL	The web compatible address (URL) of the content.	Yes	No

Column(s) of "REFERENCE_QMQ" Table					
Name	Datatype	Null Option	Comment	Is PK	Is FK
QMQ	NUMBER(4,0)	NOT NULL	Unique number given to the USGS Quarter Million Quadrangle by DGGs. Considered the definitive ID.	Yes	Yes
REFERENCE	NUMBER(10,0)	NOT NULL	A unique identifier for each reference.	Yes	Yes

Views

3. 'Views' section View Table View		
Name	Where	Comment
FULL_REFERENCE	B.AGENCY_ID(+) = A.PUBLISHING_AGENCY AND C.AGENCY_ID = A.OWNER_AGENCY AND D.PUBLISHING_AGENCY(+) = A.PUBLISHING_AGENCY AND D.SERIES_ABBRV(+) = A.SERIES_ABBRV	This view resolves the IDs in the Reference data and displays the resolved Agency Names, and Series Name.
FULL_REFERENCE_WITH_ALL	B.AGENCY_ID(+) = A.PUBLISHING_AGENCY AND C.AGENCY_ID = A.OWNER_AGENCY AND D.PUBLISHING_AGENCY(+) = A.PUBLISHING_AGENCY AND D.SERIES_ABBRV(+) = A.SERIES_ABBRV AND E.REFERENCE(+) = A.REFERENCE_ID AND F.REFERENCE(+) = A.REFERENCE_ID AND H.REFERENCE(+) = A.REFERENCE_ID AND G.DGGS_NUM = F.QMQ	This view combines all the relation tables into one flatten view. There will be one reference record for each associated QMQ, Author and Online Content record. Use this view with care!
FULL_REFERENCE_WITH_AUTHORS	B.AGENCY_ID(+) = A.PUBLISHING_AGENCY AND C.AGENCY_ID = A.OWNER_AGENCY AND D.PUBLISHING_AGENCY(+) = A.PUBLISHING_AGENCY AND D.SERIES_ABBRV(+) = A.SERIES_ABBRV AND E.REFERENCE(+) = A.REFERENCE_ID	This view displays a row for each Author associated to a given Reference. It also resolves all codes and IDs.
FULL_REFERENCE_WITH_QMQS	B.AGENCY_ID(+) = A.PUBLISHING_AGENCY AND C.AGENCY_ID(+) = A.OWNER_AGENCY AND D.PUBLISHING_AGENCY(+) = A.PUBLISHING_AGENCY AND D.SERIES_ABBRV(+) = A.SERIES_ABBRV AND E.REFERENCE(+) = A.REFERENCE_ID AND F.DGGS_NUM = E.QMQ	This view returns a row for each QMQ that is associated with a Reference. All codes and IDs are resolved.
FULL_REFERENCE_WITH_URLS	B.AGENCY_ID(+) = A.PUBLISHING_AGENCY AND C.AGENCY_ID(+) = A.OWNER_AGENCY AND D.PUBLISHING_AGENCY(+) = A.PUBLISHING_AGENCY AND D.SERIES_ABBRV(+) = A.SERIES_ABBRV	This view returns one row for each URL (online content address) associated with a Reference.

3. 'Views' section View Table View		
Name	Where	Comment
	AND E.REFERENCE(+) = A.REFERENCE_ID	
REFERENCE_QMQS	B.DGGS_NUM = A.QMQ	This view resolves the QMQ name with ID for each Reference.

Column(s) of "FULL_REFERENCE" View Column(s) of "FULL_REFERENCE" View		
Name	Datatype	Comment
REFERENCE_ID	NUMBER(10,0)	A unique identifier for each reference.
PUBLICATION_YEAR	NUMBER(4,0)	The year of publication listed either on the title page of the publication or in the copyright page.
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.
RELEASE_YEAR	NUMBER(4,0)	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.
TITLE	VARCHAR2(2000)	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.
LARGER_WORK	VARCHAR2(2000)	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.
EDITION	VARCHAR2(30)	The version of the publication if the publication has been reissued with new information.
PUBLISHING_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
PUB_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
SERIES	VARCHAR2(60)	Full name of the publication series.
SERIES_ABBRV	VARCHAR2(5)	The abbreviation for this publication series.
SERIES_NUM	VARCHAR2(256)	The text string that uniquely identifies the series and issue of the published reference.
PUB_TYPE	VARCHAR2(30)	What type of publication is this in terms of this system.
INSTITUTION	VARCHAR2(256)	Name of individual or organization that published.
DEGREE	VARCHAR2(30)	The academic degree level at which the report was written.
OTHER_DETAILS	VARCHAR2(2000)	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.
PAGES	VARCHAR2(30)	The total number of numbered pages or the range of numbered pages.
SHEETS	VARCHAR2(30)	The number of numbered plates or sheets which comprise the publication.
MAP_SCALE	NUMBER(10,0)	Integer value of the denominator of the map scale if published as a map.
REPOSITORY	VARCHAR2(256)	Where the publication is stored physically.
OWNER_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.

Column(s) of "FULL_REFERENCE" View		
Name	Datatype	Comment
OWNER_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
PUB_PLACE	VARCHAR2(256)	The total number of numbered pages or the range of numbered pages.

Column(s) of "FULL_REFERENCE_WITH_ALL" View		
Name	Datatype	Comment
REFERENCE_ID	NUMBER(10,0)	A unique identifier for each reference.
PUBLICATION_YEAR	NUMBER(4,0)	The year of publication listed either on the title page of the publication or in the copyright page.
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.
RELEASE_YEAR	NUMBER(4,0)	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.
TITLE	VARCHAR2(2000)	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.
LARGER_WORK	VARCHAR2(2000)	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.
EDITION	VARCHAR2(30)	The version of the publication if the publication has been reissued with new information.
PUBLISHING_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
PUB_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
SERIES	VARCHAR2(60)	Full name of the publication series.
SERIES_ABBRV	VARCHAR2(5)	The abbreviation for this publication series.
SERIES_NUM	VARCHAR2(256)	The text string that uniquely identifies the series and issue of the published reference.
PUB_TYPE	VARCHAR2(30)	What type of publication is this in terms of this system.
INSTITUTION	VARCHAR2(256)	Name of individual or organization that published.
DEGREE	VARCHAR2(30)	The academic degree level at which the report was written.
OTHER_DETAILS	VARCHAR2(2000)	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.
PAGES	VARCHAR2(30)	The total number of numbered pages or the range of numbered pages.
SHEETS	VARCHAR2(30)	The number of numbered plates or sheets which comprise the publication.
MAP_SCALE	NUMBER(10,0)	Integer value of the denominator of the map scale if published as a map.
REPOSITORY	VARCHAR2(256)	Where the publication is stored physically.
OWNER_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.

Column(s) of "FULL_REFERENCE_WITH_ALL" View		
Name	Datatype	Comment
OWNER_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
PUB_PLACE	VARCHAR2(256)	The total number of numbered pages or the range of numbered pages.
QMQ_ID	NUMBER(4,0)	Unique number given to the USGS Quarter Million Quadrangle by DGGs. Considered the definitive ID.
QMQ_NAME	VARCHAR2(256)	The common name of the quadrangle.
AUTHOR	VARCHAR2(256)	The full name of author related to this publication reference.
RANK	NUMBER(2,0)	The rank of the author in terms of all other authors associated with this reference. Order is determined by the order the data is entered starting with 1.
URL	VARCHAR2(1000)	The web compatible address (URL) of the content.

Column(s) of "FULL_REFERENCE_WITH_AUTHORS" View		
Name	Datatype	Comment
REFERENCE_ID	NUMBER(10,0)	A unique identifier for each reference.
PUBLICATION_YEAR	NUMBER(4,0)	The year of publication listed either on the title page of the publication or in the copyright page.
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.
RELEASE_YEAR	NUMBER(4,0)	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.
TITLE	VARCHAR2(2000)	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.
LARGER_WORK	VARCHAR2(2000)	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.
EDITION	VARCHAR2(30)	The version of the publication if the publication has been reissued with new information.
PUBLISHING_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
PUB_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
SERIES	VARCHAR2(60)	Full name of the publication series.
SERIES_ABBRV	VARCHAR2(5)	The abbreviation for this publication series.
SERIES_NUM	VARCHAR2(256)	The text string that uniquely identifies the series and issue of the published reference.
PUB_TYPE	VARCHAR2(30)	What type of publication is this in terms of this system.
INSTITUTION	VARCHAR2(256)	Name of individual or organization that published.
DEGREE	VARCHAR2(30)	The academic degree level at which the

Column(s) of "FULL_REFERENCE_WITH_AUTHORS" View		
Name	Datatype	Comment
		report was written.
OTHER_DETAILS	VARCHAR2(2000)	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.
PAGES	VARCHAR2(30)	The total number of numbered pages or the range of numbered pages.
SHEETS	VARCHAR2(30)	The number of numbered plates or sheets which comprise the publication.
MAP_SCALE	NUMBER(10,0)	Integer value of the denominator of the map scale if published as a map.
REPOSITORY	VARCHAR2(256)	Where the publication is stored physically.
OWNER_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
OWNER_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
PUB_PLACE	VARCHAR2(256)	The total number of numbered pages or the range of numbered pages.
AUTHOR	VARCHAR2(256)	The full name of author related to this publication reference.
RANK	NUMBER(2,0)	The rank of the author in terms of all other authors associated with this reference. Order is determined by the order the data is entered starting with 1.

Column(s) of "FULL_REFERENCE_WITH_QMQS" View		
Name	Datatype	Comment
REFERENCE_ID	NUMBER(10,0)	A unique identifier for each reference.
PUBLICATION_YEAR	NUMBER(4,0)	The year of publication listed either on the title page of the publication or in the copyright page.
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.
RELEASE_YEAR	NUMBER(4,0)	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.
TITLE	VARCHAR2(2000)	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.
LARGER_WORK	VARCHAR2(2000)	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.
EDITION	VARCHAR2(30)	The version of the publication if the publication has been reissued with new information.
PUBLISHING_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
PUB_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
SERIES	VARCHAR2(60)	Full name of the publication series.

Column(s) of "FULL_REFERENCE_WITH_QMQS" View		
Name	Datatype	Comment
SERIES_ABBRV	VARCHAR2(5)	The abbreviation for this publication series.
SERIES_NUM	VARCHAR2(256)	The text string that uniquely identifies the series and issue of the published reference.
PUB_TYPE	VARCHAR2(30)	What type of publication is this in terms of this system.
INSTITUTION	VARCHAR2(256)	Name of individual or organization that published.
DEGREE	VARCHAR2(30)	The academic degree level at which the report was written.
OTHER_DETAILS	VARCHAR2(2000)	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.
PAGES	VARCHAR2(30)	The total number of numbered pages or the range of numbered pages.
SHEETS	VARCHAR2(30)	The number of numbered plates or sheets which comprise the publication.
MAP_SCALE	NUMBER(10,0)	Integer value of the denominator of the map scale if published as a map.
REPOSITORY	VARCHAR2(256)	Where the publication is stored physically.
OWNER_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
OWNER_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
PUB_PLACE	VARCHAR2(256)	The total number of numbered pages or the range of numbered pages.
QMQ_ID	NUMBER(4,0)	Unique number given to the USGS Quarter Million Quadrangle by DGGs. Considered the definitive ID.
QMQ_NAME	VARCHAR2(256)	The common name of the quadrangle.

Column(s) of "FULL_REFERENCE_WITH_URLS" View		
Name	Datatype	Comment
REFERENCE_ID	NUMBER(10,0)	A unique identifier for each reference.
PUBLICATION_YEAR	NUMBER(4,0)	The year of publication listed either on the title page of the publication or in the copyright page.
PUBLICATION_YEAR_TYPE	VARCHAR2(10)	This attribute describes the Publication Year attribute's validity. If the Publication Year is found on the title page or the Copyright date is used, then the Type should be set to "ACTUAL" (default). If the data is discovered in the body of the report or otherwise known, Type should be set to "DISCOVERED". If the Publication Date can not be found but can be estimated or guessed at, use the type of "ESTIMATED". Publication Year Type is not applicable when Publication Year is null.
RELEASE_YEAR	NUMBER(4,0)	This is the year of the release. If the release year differs from the publication year it maybe indicated here. This is not a common occurrence.
TITLE	VARCHAR2(2000)	The title or name by which the publication is known, for most agency publications the title contains words describing the theme, place, and any time constraints that the publication is concerned with and can be useful for context searches.
LARGER_WORK	VARCHAR2(2000)	The editors or compilers, title and edition of a publication that includes the current reference as a chapter or identifiable part.
EDITION	VARCHAR2(30)	The version of the publication if the

Column(s) of "FULL_REFERENCE_WITH_URLS" View		
"FULL_REFERENCE_WITH_URLS" View		
Name	Datatype	Comment
		publication has been reissued with new information.
PUBLISHING_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
PUB_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
SERIES	VARCHAR2(60)	Full name of the publication series.
SERIES_ABBRV	VARCHAR2(5)	The abbreviation for this publication series.
SERIES_NUM	VARCHAR2(256)	The text string that uniquely identifies the series and issue of the published reference.
PUB_TYPE	VARCHAR2(30)	What type of publication is this in terms of this system.
INSTITUTION	VARCHAR2(256)	Name of individual or organization that published.
DEGREE	VARCHAR2(30)	The academic degree level at which the report was written.
OTHER_DETAILS	VARCHAR2(2000)	For "Other" types (see publication type), this is the formatted text that lies between the colon (not including the colon) and the "pages/sheets" information.
PAGES	VARCHAR2(30)	The total number of numbered pages or the range of numbered pages.
SHEETS	VARCHAR2(30)	The number of numbered plates or sheets which comprise the publication.
MAP_SCALE	NUMBER(10,0)	Integer value of the denominator of the map scale if published as a map.
REPOSITORY	VARCHAR2(256)	Where the publication is stored physically.
OWNER_AGENCY	VARCHAR2(256)	The full, descriptive name of the Agency compatible with the STA.
OWNER_AGENCY_ABBRV	VARCHAR2(20)	ID, acronym or short name of the Agency.
PUB_PLACE	VARCHAR2(256)	The total number of numbered pages or the range of numbered pages.
URL	VARCHAR2(1000)	The web compatible address (URL) of the content.

Column(s) of "REFERENCE_QMQS" View		
"REFERENCE_QMQS" View		
Name	Datatype	Comment
QMQ_NAME	VARCHAR2(256)	The common name of the quadrangle.
QMQ	NUMBER(4,0)	Unique number given to the USGS Quarter Million Quadrangle by DGGS. Considered the definitive ID.
REFERENCE	NUMBER(10,0)	A unique identifier for each reference.